



**European
Society of
Hypertension**

28th

**EUROPEAN MEETING
ON HYPERTENSION
AND CARDIOVASCULAR
PROTECTION**

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BARCELONA
JUNE 8-11, 2018

FIRA, GRAN VIA - HALL 8

FINAL PROGRAMME



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IN MEMORIAM

Alberto Zanchetti
(Parma, July 27, 1926 – Milan, March 24, 2018)

Professor Alberto Zanchetti passed away on March 24, 2018 at the age of almost 92 years. He had been an excellent physical and a brilliant mental shape until a month before. Unfortunately, soon after returning from a lecture tour in Latin America, he accidentally fell and suffered a brain trauma from which he did not recover.

Alberto Zanchetti was born on July 27, 1926 in Parma. He graduated in Medicine at the Parma Medical School in 1950 and immediately moved to Pisa to work under the guidance of Professor Giuseppe Moruzzi, a worldwide famous neurophysiologist who had made the Physiology Institute of the Pisa University perhaps the most famous international center for neurophysiological research around the world. Despite his young age, Alberto Zanchetti soon became one of the forefront scientists in this highly qualified group, to which he contributed with a large

number of important studies on the anatomical connections and functional relationships of cortical and subcortical centers, using the most sophisticated electrophysiological approaches that were available at those times. A gem of this period was a monography on the Brain Stem Reticular Formation which won him the Marzotto Price, the most prestigious Italian Award for Medicine at that time.

After a period of six years (which included a stage in Portland, US) Alberto Zanchetti left Pisa and moved to Siena to join the clinical and research group of Professor Cesare Bartorelli, then Chief of the Institute of Internal Medicine of the local University. There he assembled a group of young and bright scientists (all to make a brilliant academic and research carrier in Italy or abroad) with whom he began to work on the neural basis of blood pressure control using sleep and emotional behaviors of the cat as the main experimental models. The results substantially expanded previous knowledge and gave Alberto Zanchetti a well deserved international fame in the cardiovascular world, which was enhanced, in the hypertension area, by his authorship of a pioneer paper on the use of thiazide diuretics for the treatment of hypertension, an approach that drastically improved the then ominous prognosis of this condition. His fame further grew after 1966 when Alberto Zanchetti and most of his group moved to the University of Milan where Professor Bartorelli had been called to the chair of Internal Medicine. The subsequent research continued to discover new important aspects of cardiovascular regulation, such as the reno-renal reflexes, the neural control of renin release, the pressor responses to sympathetic afferent stimulation and the interaction between baroreceptor and chemoreceptor reflexes on blood pressure control. There was, however, also a substantial expansion to human research, which provided novel observations on central, reflex and humoral cardiovascular control in normotensive and hypertensive human beings as well as the clinical aspects and pathophysiological background of sudden death. There was also intense clinical research on hypertension, which made Alberto Zanchetti's group a major contributor to the amazing progress of antihypertensive treatment that took place from the late sixties to the late eighties of the past century. In these years he also launched research on intra-arterial and later noninvasive automatic ambulatory blood pressure monitoring, which provided pioneer studies on cardiovascular control mechanisms in daily life and prepared the field for the use of the 24 hour ambulatory blood pressure monitoring approach in current medicine. All this he promoted and



supervised as Professor of Internal Medicine and Director of the Center of Clinical Physiology and Hypertension, a position which he was called to by the University of Milan in 1975 and that he continued to honor, with his research, teaching and clinical responsibilities, until his retirement in 2001. Retirement, however, by no means ended or slowed down his research, which continued until the end of his life as Director for Research at the Istituto Auxologico Italiano.

Alberto Zanchetti's scientific activity has few if any comparisons worldwide, also because it spanned from basic to physiological, pathophysiological and clinical research, the last involving the design, conduction and interpretation of many important clinical trials as well as, in the very recent years, the publication of trial meta-analyses that are highly quoted and appreciated by hypertension experts. Nevertheless, limiting his achievements to research would not make justice to his multiform personality. Alberto Zanchetti was instrumental in the setting and growth of the International Society of Hypertension (ISH) and European Society of Hypertension (ESH), for which he has served as President. He was the originator and organizer of ISH and many ESH meetings in the University Campus of Milan, which he brought to a great success. He was the driving force behind the early WHO/ISH Hypertension Guidelines (among the first to be published in the hypertension history) as well as of all the ESH/European Society of Cardiology (ESC) guidelines which he first inspired in 2003 and then managed to substantially contribute to later, including the most recent ESC/ESH guidelines which will appear in the current year. Finally, he has served as the Chief Editor of the Journal of Hypertension from 1995 to his death. To this task he offered an impressively wide medical culture and an extraordinary dedication that made him going through all papers submitted to the Journal, not rarely helping with personal editing those he thought were scientifically interesting but somewhat deficient in style. This emphasizes another aspect of Alberto Zanchetti's personality. That is, that he was a great mentor for many younger investigators around him. This involved not only those who had the privilege of working with him on a daily basis, but also the foreign investigators who over the years joined his Institute for a stage and all young investigators from Italy and the rest of the world who turned to him for advice. From this perspective, his "School" was much larger than the formal one in Siena and Milan.

For his achievements Alberto Zanchetti has received an innumerable number of prestigious Awards, including the dedication to his name of the ESH Award for Lifetime Achievements in Hypertension. This was remembered in a meeting in his honor held few months before his death in Barcelona. Yet, reflecting the title of this meeting ("Alberto Zanchetti the Man, the Scientist, the Friend"), at the personal level he remained a man with whom it was pleasant to relate to for his genuine interest in other people and his amazing historical, artistic and musical culture (favoured by a prodigious memory), which made him an inspiring company. He enjoyed good food and wine, had a good sense of humor and loved to talk about sport, football in particular. His personality inevitably established a demanding level for his staff, but he was far from having a rigid attitude and ready to discuss and resolve individual problems.

For those who have known him, Alberto Zanchetti will remain in the memory as a great scientist and a great man. His pupils will always remember him with gratitude for what he has done for their working life, above all by his example of high professionalism and the approach to clinical research, which he thought should always benefit of the mechanistic attitude derived from experience in basic research. Our thoughts go to his daughter Silvia and his sons Mario and Giorgio as well as to the grandchildren he beloved. He will be sorely missed.

*Giuseppe Mancia, Fabio Magrini, Alberto Morganti, Andrea Stella, Peter J Schwartz, Cesare Cuspidi, Cristina Giannattasio, Guido Grassi and Gianfranco Parati
on behalf of all Alberto Zanchetti's pupils.*

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22 FRIDAY, JUNE 8

33 SATURDAY, JUNE 9

62 SUNDAY, JUNE 10

90 MONDAY, JUNE 11

113 POSTERS

114 SATURDAY, JUNE 9

158 SUNDAY, JUNE 10

202 MONDAY, JUNE 11

239 INDEX OF CHAIRPERSONS, SPEAKERS AND AUTHORS

WELCOME LETTER

Dear Colleagues,

It gives us great pleasure to welcome you to the 28th Scientific Meeting of the European Society of Hypertension (ESH) on “Hypertension and Cardiovascular Protection”, held on June 8-11 in Barcelona, Spain.

The highlights of the meeting will include the formal presentation of the 2018 ESC/ESH Hypertension Guidelines, together with discussion of the new Guidelines recommendations in various sessions during the Congress.

Together with the ESH Working Groups, we have organized several pre-Congress courses on different aspects of the clinical management of patients with hypertension and related comorbidities. These courses are reserved for small groups of physicians and will require specific registration beforehand.

Given the large amount of high quality research being carried out in Europe on hypertension and related cardiovascular diseases, a significant portion of the scientific programme will be devoted to original scientific contributions via oral and poster presentations of abstracts selected by peer review, as in previous ESH Meetings. Poster presentations will be given special visibility through dedicated sessions, structured discussions and final individual commentaries.

The scientific programme includes many state-of-the-art Lectures, Debates and Round Tables on major issues of current interest and controversy provided by recent trials. As in the past, the programme will dedicate a wide range of resources to the practical aspects of the management of hypertension via Teaching, How-to, Meet-the-Expert and Clinical case sessions as well as via sessions reserved for hypertension specialists and ESH Excellence Centres. Industry sponsored sessions are, as always, an important part of the programme, and we hope will make a substantial contribution.

The ESH meeting will be housed in Barcelona's Fira Congress Centre, which can comfortably accommodate the large number of participants and diverse scientific and educational activities that characterize European Hypertension Meetings, with suitable exhibition space for industry. The Congress Centre is well connected with Barcelona Airport by train and metro and is only a few stops away from the centre of Barcelona and the major hotels.

We look forward to welcoming European hypertension specialists to Barcelona this year, together with many investigators and clinicians from other continents, particularly those from Latin America and Asia, who have always contributed much to the ESH.

Prof. Antonio Coca

President of the ESH 2018 Meeting

Prof. Konstantinos Tsioufis

ESH President

ESH COUNCIL

President: K. Tsioufis (Greece)

Vice-President: E. Lurbe (Spain)

Secretary: R. Kreutz (Germany)

Treasurer: M. Bochud (Switzerland)

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M. Azizi (France) *ESH Hypertension Specialist Programme*

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T. Kahan (Sweden)

D. Lovic (Serbia) *Ex-officio representative of the Presidents of
ESH Affiliated Societies*

J. Polonia (Portugal)

P. van de Borne (Belgium)

B. Williams (United Kingdom)

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Chair, ESH Educational Committee, ESH Foundation

G. Parati (Italy)

Coordinator Working Group Activities

D.L. Clement (Belgium)

ESH Representative for contacts with the EU Officers

A. Coca (Spain)

*Representative for Latin America Relationships (ESH Latin America
Association Programme)*

A.J. Manolis (Greece)

Representative for Middle East Countries Relationships

LOCAL SCIENTIFIC COMMITTEE

Honorary President: J. Redon (Spain)

President of the Congress: A. Coca (Spain)

MEMBERS

M. Camafort

G. Coll de Turo

M. de la Figuera

M. Doménech

E. Lurbe

F. Martínez García

V. Pallarés Carratalá

C. Sierra

SPONSOR ACKNOWLEDGEMENTS

The ESH Council and the Local Scientific Committee would like to express their gratitude to all those who have generously contributed to the Scientific Programme:

PLATINUM



SILVER



BRONZE

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Medtronic
OMRON Healthcare Europe B.V.

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ReCor Medical
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Spacelabs Healthcare
Wisepress LTD

INDUSTRY SPONSORED SATELLITE SYMPOSIA

SATURDAY, JUNE 9

12.45 – 14.15

ROOM B1

OPTIMIZING THE HYPERTENSIVE PATIENT'S CARE PATHWAY

*Supported by **Servier***

SUNDAY, JUNE 10

12.45 – 14.15

ROOM B1

THE IMPACT OF SYMPATHETIC OVERDRIVE (SO) ALONG THE
CARDIOVASCULAR CONTINUUM

*Supported by **Merck KGaA***

INDUSTRY SPONSORED MINISYMPOSIA

SATURDAY, JUNE 9

09.30 – 10.30

ROOM B2

THE POLYPILL IN CLINICAL PRACTICE

*Supported by **Ferrer***

10.00 – 11.00

ROOM B1

DIURETICS AND HYPERTENSION: PAST OR FUTURE?

*Supported by **Servier***

11.00 – 12.00

ROOM B2

HOW TO: DEFINE A PATIENT-TAILORED THERAPY APPROACH IN
A CROWDED ANTI-HYPERTENSIVE SCENARIO

*Supported by **Menarini Group***

11.00 – 12.00

ROOM B3

HYPERTENSION-RELATED CARDIOVASCULAR RISKS IN OBESITY.
NEW PERSPECTIVES AND MONITORING TECHNOLOGY

*Supported by **OMRON Healthcare Europe B.V.***

14.30 – 15.30

ROOM C1

THE ROLE OF RDN IN HYPERTENSION MANAGEMENT:
THE NEXT CHAPTER BEGINS

*Supported by **Medtronic***

SUNDAY, JUNE 10

09.50 – 10.50

ROOM C1

BAROREFLEX ACTIVATION THERAPY: TOWARDS A NEW STANDARD
OF CARE IN RESISTANT HYPERTENSION

*Supported by **CVRx***

11.00 – 12.00

ROOM B1

FIRST-LINE USE OF A SINGLE-PILL COMBINATION IN ALL
HYPERTENSIVE PATIENTS: A NEW ERA

*Supported by **Servier***

11.00 – 12.00

ROOM C1

THE EVER-EVOLVING STORY: BP CONTROL AND BEYOND –
EFFECTIVENESS RECONFIRMED OVERTIME

*Supported by **Menarini Group***

14.30 – 15.30

ROOM C1

THE RADIANCE-HTN TRIAL: INITIAL RESULTS FROM A
RANDOMIZED, SHAM-CONTROLLED EVALUATION OF RENAL
DENERVATION FOR ESSENTIAL AND RESISTANT HYPERTENSION

*Supported by **ReCor Medical***

INDUSTRY SPONSORED MINISYMPOSIUM IN SPANISH LANGUAGE

SUNDAY, JUNE 10

14.30 – 15.30

ROOM C2

LA POLIPÍLDORA COME ESTRATEGIA DE SALUD PÚBLICA EN
PREVENCIÓN CARDIOVASCULAR

*Supported by **Ferrer***

INDUSTRY SPONSORED LECTURE

SATURDAY, JUNE 9

14.30 – 15.00

ROOM C2

HYPERURICAEMIA: ANOTHER BRICK IN THE CV WALL?

*Supported by **Menarini Group***

INDUSTRY SPONSORED HANDS-ON SESSION

SATURDAY, JUNE 9

15.45 – 16.45

ROOM B3

BLOOD PRESSURE MEASUREMENT USING CUFF OR PTT –
WHY NOT DATE BOTH BEAUTIES?

*Supported by **SOMNOmedics GmbH***

MEETINGS

SATURDAY, JUNE 9

07.45 - 09.00 **VIP Meeting Room**

ESH Meetings of National Societies

08.00 - 09.30 **ROOM G3**

Journal of Hypertension Board of Management

09.30 - 10.30 **ROOM M2**

Meeting with WG Coordinators

11.00 - 14.00 **VIP Meeting Room**

LANCET Commission

12.40 - 13.40 **ROOM M1**

Journal of Hypertension Board Meeting

18.30 - 19.30 **VIP Meeting Room**

HIGHCARE-LATAM Investigators Meeting

SUNDAY, JUNE 10

07.45 - 09.00 **VIP Meeting Room**

ESH Meetings of National Societies

12.00 - 13.00 **ROOM M1**

ARTEMIS Registry and MASTER Study

13.00 - 13.30 **ROOM B3**

General Assembly

13.30 - 14.00 **ROOM B3**

ESH Welcome of New ESH Members

16.00 - 16.30 **ROOM M2**

ESH Meeting for ESH Excellence Centre

MONDAY, JUNE 11

07.45 - 09.00 **VIP Meeting Room**

ESH Meetings of National Societies

ESH WORKING GROUPS BUSINESS MEETINGS

FRIDAY, JUNE 8

13.30 - 14.00

ROOM M1

ESH Working Group on Interventional Treatment of Hypertension

17.00 - 17.30

ROOM C2

ESH Working Group on Hypertension and Cardiovascular Risk Assessment in subjects living in or emigrating from low resource settings

17.00 - 17.30

ROOM M2

ESH Working Group on Endocrine Hypertension

18.15 - 19.45

ROOM B3

ESH Working Group on Hypertension and Sexual Dysfunction

18.15 - 19.45

ROOM C2

ESH Working Group on Hypertension and the Kidney

18.15 - 19.45

ROOM M1

ESH Working Group on Blood Pressure in Children and Adolescents

18.15 - 19.45

ROOM M2

ESH Working Group on Endothelins and Endothelial Factors

SATURDAY, JUNE 9

14.00 - 15.30

ROOM M2

ESH Working Group on Blood Pressure Monitoring and Cardiovascular Variability

18.15 - 19.45

ROOM B1

ESH Working Group on Hypertension and the Heart

18.15 - 19.45

ROOM B2

ESH Working Group on Vascular Structure and Function

SUNDAY, JUNE 10

18.15 - 19.45

ROOM C2

ESH Working Group on Hypertension and the Brain





SCIENTIFIC PROGRAMME

14 TIMETABLE

22 FRIDAY, JUNE 8

33 SATURDAY, JUNE 9

62 SUNDAY, JUNE 10

90 MONDAY, JUNE 11

FRIDAY, JUNE 8

TIMETABLE

| | A1 ROOM | B1 ROOM | B2 ROOM | B3 ROOM |
|----------------|------------------------------------|---|--|--|
| 13.30 14.30 | | 13.00-17.00 Investigator Initiated Satellite Meeting SEASONAL AND ALTITUDE VARIATION IN BLOOD PRESSURE: EVIDENCE, CONSENSUS AND RECOMMENDATION FOR CLINICAL PRACTICE | 13.00-17.00 Hands-On Workshop RENAL ULTRASOUND IN HYPERTENSION (BASICS) | 13.00-17.00 "Practical Course" on Blood Pressure Measurement BLOOD PRESSURE MONITORING PRACTICAL COURSE: THEORY AND PRACTICE |
| 14.30 16.00 | | | | |
| 16.00 17.30 | | | | |
| 17.30 19.30 | OPENING OF THE CONGRESS | | | |

| C1 ROOM | C2 ROOM | M1 ROOM | M2 ROOM |
|---|--|--|--|
| 14.00-17.00 Curso Precongreso SEMI ACTUALIZACIÓN EN HIPERTENSIÓN ARTERIAL Y RIESGO VASCULAR | 13.30-15.00 Joint Session ESH-ISVH NON-HEMODYNAMIC DETERMINANTS OF ARTERIAL STIFFNESS DURING AGEING | 14.00-15.00 ESH Working Group on Interventional Treatment of Hypertension | |
| | 15.00-16.00 Sesión Científica en Español SESIÓN 1 MEDIDA DE LA PRESIÓN ARTERIAL: ¿CONSULTA O FUERA DE LA CONSULTA? | 15.00-16.00 ESH Working Group on Hypertension and Sexual Dysfunction | 15.00-16.00 ESH Working Group on Hypertension and the Brain |
| | 16.00-17.00 ESH Working Group on Hypertension and Cardiovascular Risk Assessment in subjects living in or emigrating from low resource settings | 16.00-17.00 ESH Working Group on Obesity, Diabetes and High Risk Patient | 16.00-17.00 ESH Working Group on Endocrine Hypertension |
| | | | |



SATURDAY, JUNE 9

TIMETABLE

| | A1 ROOM | B1 ROOM | B2 ROOM |
|----------------|--|---|---|
| 07.45 08.45 | | | Breakfast Workshop A SCREENING PROGRAMME FOR EARLY VASCULAR AGEING IN PHARMACIES |
| 08.50 10.50 | Late-Breakers SESSION 1 | 10.00-11.00 Minisymposium DIURETICS AND HYPERTENSION: PAST OR FUTURE? <i>Supported by Servier</i> | 09.30-10.30 Minisymposium THE POLYPILL IN CLINICAL PRACTICE <i>Supported by Ferrer</i> |
| 11.00 12.30 | Topical Workshop POSITION PAPERS OF THE EUROPEAN SOCIETY OF HYPERTENSION | Oral Session 2A BLOOD PRESSURE VARIABILITY | 11.00-12.00 Minisymposium HOW TO: DEFINE A PATIENT- TAILORED THERAPY APPROACH IN A CROWDED ANTI- HYPERTENSIVE SCENARIO <i>Supported by Menarini Group</i> |
| | WORKING LUNCH (BOX LUNCH) | | |
| 12.45 14.15 | Teaching Seminar SESSION 1 | Satellite Symposium OPTIMIZING THE HYPERTENSIVE PATIENT'S CARE PATHWAY <i>Supported by Servier</i> | Joint Session ESH - Indo-European Hypertension Collegium HYPERTENSION AND COMORBIDITIES |
| 14.15 15.45 | 14.15-15.15 Topical Workshop on Hot Issues TYPE-2 DIABETES: THE NEED FOR A MULTIDISCIPLINARY TREATMENT APPROACH TO PREVENT CARDIOVASCULAR COMPLICATIONS | 14.40-15.00 Lecture MOLECULAR MECHANISMS OF VENTRICULAR REMODELLING | Joint Session ESH - ERA/EDTA NEW CHALLENGES IN KIDNEY PROTECTION IN HYPERTENSION |
| 15.45 16.45 | 15.15-16.45 Oral Session 3C RESISTANT HYPERTENSION | 15.00-16.30 Topical Workshop OBESITY IN ADOLESCENTS AND YOUNG ADULTS | |
| 16.45 18.15 | Plenary Session 2018 EUROPEAN GUIDELINES | | Oral Session 3D OBESITY AND METABOLIC SYNDROME |
| 18.15 19.45 | ATTENDED POSTER SESSIONS AND ORAL PRESENTATIONS IN POSTER AREA | | |

| B3 ROOM | C1 ROOM | C2 ROOM |
|--|---|---|
| Breakfast Workshop MOBILE HEALTH (mHealth) - POSSIBILITIES IN LOW RESOURCE SETTINGS | Breakfast Workshop AGE AND GENDER DIFFERENCES IN HYPERTENSION | Breakfast Workshop in Spanish Language HIPERTENSIÓN GRADO 1 DE BAJO RIESGO CARDIOVASCULAR: ¿HAY QUE TRATARLA? |
| Oral Session 1A CARDIOVASCULAR RISK FACTORS | Oral Session 1B BLOOD PRESSURE MEASUREMENT | Oral Session 1C DIABETES |
| 11.00-12.00 Minisymposium HYPERTENSION-RELATED CARDIOVASCULAR RISKS IN OBESITY. NEW PERSPECTIVES AND MONITORING TECHNOLOGY <i>Supported by OMRON Healthcare Europe B.V.</i> | Oral Session 2B ATRIAL FIBRILLATION AND HEART FAILURE | Joint Session ESH - SEMERGEN NUEVOS HORIZONTES EN EL RIESGO CARDIOVASCULAR DE DISTINTAS POBLACIONES |
| 12.15-12.35 Lecture PRECISION MEDICINE IN HYPERTENSION | | |
| WORKING LUNCH (BOX LUNCH) | | |
| Oral Session 3A CHILDREN AND ADOLESCENTS | Oral Session 3B EXPERIMENTAL HYPERTENSION AND PHARMACOLOGY | Sesión Científica en Español SESIÓN 2 AFECTACIÓN RENAL EN EL HIPERTENSO |
| Joint Session ESH - LASH INSIGHTS IN PATHOPHYSIOLOGY AND TREATMENT OF HYPERTENSION | 14.30-15.30 Minisymposium ROLE OF RDN IN HYPERTENSION MANAGEMENT: THE NEXT CHAPTER BEGINS <i>Supported by Medtronic</i> | 14.30-15.00 Lecture HYPERURICAEMIA: ANOTHER BRICK IN THE CV WALL? <i>Supported by Menarini Group</i> |
| Hands-on Session BLOOD PRESSURE MEASUREMENT USING CUFF OR PTT - WHY NOT DATE BOTH BEAUTIES? <i>Supported by SOMNOmedics GmbH</i> | Meet-the-Expert HOW TO IMPLEMENT GENETIC TESTING IN CARDIOVASCULAR MEDICINE | Sesión Científica en Español SESIÓN 3 DIETA MEDITERRÁNEA Y ENFERMEDAD CARDIOVASCULAR |
| | | |
| ATTENDED POSTER SESSIONS AND ORAL PRESENTATIONS IN POSTER AREA | | |

SUNDAY, JUNE 10

TIMETABLE

| | A1 ROOM | B1 ROOM | B2 ROOM |
|----------------|---|---|---|
| 07.45 08.45 | | | Breakfast Workshop DIAGNOSTIC ASPECTS OF PERIPHERAL ARTERY DISEASE |
| 08.50 10.50 | 09.00-10.30 Joint Session ESH - ARTERY ARTERIAL STRUCTURAL AND FUNCTIONAL CHANGES IN HYPERTENSION | 09.00-10.30 Topical Workshop NEW DESIGNS OF CLINICAL STUDIES IN HYPERTENSION | 09.00-10.30 Symposium NEUROHUMORAL MECHANISMS IN CARDIOMETABOLIC CROSSTALK. BRIDGING SCIENCE AND PATIENT CARE |
| | 10.30-11.00 Lecture FIRST INTERNATIONAL CONSENSUS ON FIBROMUSCULAR DYSPLASIA | | 10.40-11.00 Lecture INSURING EFFECTIVE TRANSITION FOR HYPERTENSION CARE FROM ADOLESCENCE TO ADULTHOOD? |
| 11.00 12.30 | Joint Session ESH - ISH CHALLENGES IN HYPERTENSION DIAGNOSIS AND TREATMENT | 11.00-12.00 Minisymposium FIRST-LINE USE OF A SINGLE-PILL COMBINATION IN ALL HYPERTENSIVE PATIENTS: A NEW ERA? <i>Supported by Servier</i> | Oral Session 4B THERAPEUTICS AND CLINICAL TRIALS |
| 12.45 14.15 | WORKING LUNCH (BOX LUNCH) | | |
| | Teaching Seminar SESSION 2 | Satellite Symposium THE IMPACT OF SYMPATHETIC OVERDRIVE (SO) ALONG THE CARDIOVASCULAR CONTINUUM <i>Supported by Merck KGaA</i> | Joint Session ESH - ESO HYPERTENSION AND CEREBRAL SMALL VESSELS DISEASE |
| 14.15 15.45 | Joint Session ESH - ESC ADVANCES IN HYPERTENSIVE HEART DISEASE | 14.30-16.00 Joint Session ESH - CHL ASSESSMENT AND MANAGEMENT OF HYPERTENSION AND CARDIOMETABOLIC RISK | 14.30-14.50 Lecture UPDATE IN THE TREATMENT OF PERIPHERAL ARTERY DISEASE |
| 15.45 16.45 | Topical Workshop on Hot Issues NUTRITION, ENVIRONMENT AND BLOOD PRESSURE | 16.10-16.30 Lecture WHAT IS A NORMAL BLOOD PRESSURE? | 15.00-16.30 Clinical Cases CLINICAL-PATHOLOGICAL CONFERENCE |
| 16.45 18.15 | Plenary Session - PRESENTATION OF AWARDS - BJÖRN FOLKOW AWARD LECTURE - DEBATE - PRESIDENTIAL LECTURE | | |
| 18.15 19.45 | ATTENDED POSTER SESSIONS AND ORAL PRESENTATIONS IN POSTER AREA | | |

| B3 ROOM | C1 ROOM | C2 ROOM | M2 ROOM |
|--|---|---|--|
| Breakfast Workshop UNATTENDED AND ATTENDED AUTOMATED OFFICE BLOOD PRESSURE | Breakfast Workshop FIBROMUSCULAR DYSPLASIA | Breakfast Workshop in Spanish Language HIPERTENSIÓN, DETERIORO COGNITIVO Y DEMENCIA | |
| Oral Session 4A KIDNEY | 09.50-10.50 Minisymposium BAROREFLEX ACTIVATION THERAPY: TOWARDS A NEW STANDARD OF CARE IN RESISTANT HYPERTENSION <i>Supported by CVRx</i> | 09.00-10.30 Joint Session in Spanish Language ESH - SIAC HIPERTENSIÓN Y PREVENCIÓN CARDIOVASCULAR A LA LUZ DE LA NUEVA GUÍA DE HIPERTENSIÓN ESC/ESH 2018 | |
| Oral Session 4C CEREBROVASCULAR DISEASE, STROKE AND COGNITIVE DYSFUNCTION | 11.00-12.00 Minisymposium THE EVER-EVOLVING STORY. BP CONTROL AND BEYOND - EFFECTIVENESS RECONFIRMED OVERTIME <i>Supported by Menarini Group</i> | 11.00-12.30 Portuguese Session PARTICULARIDADES DA HIPERTENSÃO NOS PAÍSES DE LÍNGUA PORTUGUESA | |
| WORKING LUNCH (BOX LUNCH) | | | |
| 13.00-13.30 General Assembly | Oral Session 5A LIFESTYLE CHANGES, LIPIDS, SALT | 12.45-13.45 Sesión Científica en Español SESIÓN 4 IMPACTO DEL SÍNDROME METABÓLICO EN LA SALUD CARDIOVASCULAR | Oral Session 5B ENDOCRINE HYPERTENSION |
| 13.30-14.00 ESH Welcome of New ESH Members | | | |
| Joint Session ESH - KSH NEW TREATMENT STRATEGIES FOR HYPERTENSION: INITIAL MONOTHERAPY VS. INITIAL COMBINATION THERAPY | 14.30-15.30 Minisymposium THE RADIANCE-HTN TRIAL: INITIAL RESULTS FROM A RANDOMIZED, SHAM- CONTROLLED EVALUATION OF RENAL DENERVATION FOR ESSENTIAL AND RESISTANT HYPERTENSION <i>Supported by ReCor Medical</i> | 14.30-15.30 Minisymposium in Spanish Language LA POLIPÍLULA COMO ESTRATEGIA DE SALUD PÚBLICA EN PREVENCIÓN CARDIOVASCULAR <i>Supported by Ferrer</i> | |
| How-to Session HOW TO ASSESS RETINAL VASCULAR CHANGES IN HYPERTENSION | Late-Breakers SESSION 2 | Meet-the-Expert MicroRNAs IN THE PATHOGENESIS OF HYPERTENSION AND ORGAN DAMAGE | 16.00-16.30 ESH Meeting for ESH Excellence Centre |
| | | | |
| ATTENDED POSTER SESSIONS AND ORAL PRESENTATIONS IN POSTER AREA | | | |

MONDAY, JUNE 11

| | A1 ROOM | B1 ROOM | B2 ROOM |
|----------------|---|---|--|
| 07.45 08.45 | | | Breakfast Workshop SEXUAL DYSFUNCTION, HYPERTENSION AND CARDIOVASCULAR RISK |
| 08.50 10.50 | 09.00-10.30 The Balkanian Symposium MEETING OF YOUNG RESEARCHERS FROM BALKAN COUNTRIES' EXCELLENCE CENTRES | Oral Session 6A EPIDEMIOLOGY OF HYPERTENSION AND METABOLIC DISORDERS | 09.00-10.30 Topical Workshop THE NEVER ENDING HISTORY OF BLOOD PRESSURE GOALS |
| | 10.30-10.50 Lecture IS HYPERTENSION AN IMMUNOLOGICAL DISEASE? | | |
| 11.00 12.30 | Plenary Session STEVO JULIUS SOON 90 YEARS - A LIFE DEDICATED TO HYPERTENSION RESEARCH | | |
| 12.45 14.15 | WORKING LUNCH (BOX LUNCH) | | |
| | Teaching Seminar SESSION 3 | 12.45-13.45 Topical Workshop on Hot Issues NOVEL CARDIAC ENDPOINTS IN HYPERTENSION | Late-Breakers SESSION 3 |
| 12.45 14.15 | ATTENDED POSTER SESSIONS AND ORAL PRESENTATIONS IN POSTER AREA | | |

| B3 ROOM | C1 ROOM | C2 ROOM |
|--|---|---|
| Breakfast Workshop PSYCHOLOGICAL STRESS IN HYPERTENSION | Breakfast Workshop COGNITIVE IMPAIRMENT AND DEMENTIA IN HYPERTENSION | Breakfast Workshop in Spanish Language HIPERTENSIÓN EN LA MUJER |
| Oral Session 6B HEART AND HAEMODYNAMICS | Oral Session 6C LARGE ARTERIES | 09.00-10.30 Session of the Brazilian Society of Cardiology/Hypertension Department INVESTIGAÇÃO ORIGINAL EM 2017/2018 |
| | | |
| WORKING LUNCH (BOX LUNCH) | | |
| 12.45-13.45 How-to Session HOW TO ASSESS DIASTOLIC DYSFUNCTION IN HYPERTENSIVE PATIENTS WITH SUSPECTED HFPEF BY CARDIAC IMAGING | 12.45-13.45 Meet-the- Expert THE SPRINT ISSUE: HEART FAILURE IS A TOO SOFT ENDPOINT IN UNMASKED CLINICAL TRIALS | Sesión Científica en Español SESIÓN 5 RETOS Y DILEMAS EN LA IMPLEMENTACIÓN DE LAS NUEVAS GUÍAS DE HIPERTENSIÓN |
| ATTENDED POSTER SESSIONS AND ORAL PRESENTATIONS IN POSTER AREA | | |

Investigator Initiated Satellite Meeting

SEASONAL AND ALTITUDE VARIATION IN BLOOD PRESSURE: EVIDENCE, CONSENSUS AND RECOMMENDATION FOR CLINICAL PRACTICE

13.00 Welcome - Objectives

G.S. Stergiou (Athens, GREECE), P. Palatini (Padua, ITALY)

SEASONAL BLOOD PRESSURE VARIATION

SESSION 1

Chairpersons: R. Asmar (Paris, FRANCE), T. Niiranen (Turku, FINLAND)

13.05 Geography and epidemiology of seasonal blood pressure variation

P.A. Modesti (Florence, ITALY)

13.15 Pathophysiological mechanisms - Who is at risk

P.A. Modesti (Florence, ITALY)

13.25 Discussion

SESSION 2

Chairpersons: E. Manios (Athens, GREECE), K. Kario (Tochigi, JAPAN)

13.35 Seasonal office blood pressure variation: cross-sectional population data

J. Wang (Shanghai, CHINA)

13.45 Seasonal home blood pressure variation

T. Ohkubo (Sendai, JAPAN)

13.55 Seasonal ambulatory blood pressure variation

P. Palatini (Padua, ITALY)

14.05 Nocturnal home blood pressure monitoring

G.S. Stergiou (Athens, GREECE)

14.15 Discussion

SESSION 3

Chairpersons: A. de la Sierra (Barcelona, SPAIN), E. O'Brien (Dublin, IRELAND)

14.25 Determinants of seasonal blood pressure changes

G. Parati (Milan, ITALY)

14.35 Prognostic relevance of seasonal blood pressure changes

K. Asayama (Tokyo, JAPAN)

14.45 Discussion**14.55 COFFEE BREAK****SESSION 4**

Chairpersons: A. Mihailidou (Sydney, AUSTRALIA), M.G. Myers (Toronto, CANADA)

15.20 Seasonal BP variation in special populations (treated, elderly, children, kidney disease, diabetes)

A. Protogerou (Athens, GREECE)

15.30 Systematic review - Meta analysis

A. Kollias (Athens, GREECE)

15.40 Discussion**EFFECTS OF ALTITUDE ON BLOOD PRESSURE****SESSION 5**

Chairpersons: G. Head (Melbourne, AUSTRALIA), P. Palatini (Padua, ITALY)

15.50 Pathophysiological mechanisms

G. Bilo (Milan, ITALY)

16.00 Effects of altitude on peripheral and central blood pressure, blood pressure profile and treatment effects

G. Parati (Milan, ITALY)

16.10 Effects of altitude on blood pressure during exercise

S. Caravita (Milan, ITALY)

16.20 Discussion**TREATMENT IMPLICATIONS****SESSION 6**

Chairpersons: E. Dolan (Dublin, IRELAND), P.A. Modesti (Florence, ITALY)

16.30 Clinical Practice - Recommendations

G.S. Stergiou (Athens, GREECE), G. Parati (Milan, ITALY)

16.40 Discussion**16.50 Conclusions and Actions**

E. O'Brien (Dublin, IRELAND), P. Palatini (Padua, ITALY),
G. Parati (Milan, ITALY), G.S. Stergiou (Athens, GREECE)

13.00-17.00

ROOM B2

Hands-on Workshop

on behalf of the **ESH Working Group on Hypertension and the Kidney**

RENAL ULTRASOUND IN HYPERTENSION (BASICS)

Chairpersons: A. Persu (Brussels, BELGIUM), G. Wuerzner (Lausanne, SWITZERLAND),

13.00 Welcome address

A. Persu (Brussels, BELGIUM), G. Wuerzner (Lausanne, SWITZERLAND),

13.10 Technical basics of ultrasound and indications to perform a renal ultrasound in hypertensive patients

M. Pruijm (Lausanne, SWITZERLAND)

13.25 Normal anatomic findings and normal variants

U. Eisenberger (Essen, GERMANY)

13.40 Common abnormalities of the renal and urogenital tract (renal masses, nephrolithiasis, hydronephrosis)

M. Rivera Gorriñ (Madrid, SPAIN)

13.55 How to screen for renal artery stenosis: atherosclerotic stenosis and fibromuscular dysplasia

A. Persu (Brussels, BELGIUM), B. Ponte (Geneva, SWITZERLAND),

14.30 Demonstration of kidney ultrasound basics by experts

M. Cintra (Madrid, SPAIN), U. Eisenberger (Essen, GERMANY),
B. Ponte (Geneva, SWITZERLAND), M. Pruijm (Lausanne, SWITZERLAND),
M. Rivera Gorriñ (Madrid, SPAIN)

15.10 Hands-on kidney ultrasound with healthy volunteers supervised by experts

M. Cintra (Madrid, SPAIN), U. Eisenberger (Essen, GERMANY),
B. Ponte (Geneva, SWITZERLAND), M. Pruijm (Lausanne, SWITZERLAND),
M. Rivera Gorriñ (Madrid, SPAIN)

16.50 General Discussion

“Practical Course” on Blood Pressure measurement

BLOOD PRESSURE MONITORING PRACTICAL COURSE: THEORY AND PRACTICE

13.00 Welcome - Initial evaluation

G. Mancia (Milan, ITALY), P. Palatini (Padua, ITALY), G.S. Stergiou (Athens, GREECE)

13.15 Office blood pressure measurement

Chairperson: A. Mihailidou (Sydney, AUSTRALIA)

M.G. Myers (Toronto, CANADA)

13.45 Ambulatory blood pressure monitoring

Chairperson: A. Protogerou (Athens, GREECE)

E. O'Brien (Dublin, IRELAND)

14.15 Home blood pressure monitoring

Chairperson: G. Head (Melbourne, AUSTRALIA)

A. Kollias (Athens, GREECE), G.S. Stergiou (Athens, GREECE)

14.45 Ambulatory versus home blood pressure

Chairperson: E. Dolan (Dublin, IRELAND)

T. Niiranen (Turku, FINLAND)

15.15 Cuff use and issues

Chairperson: J. Wang (Shanghai, CHINA)

P. Palatini (Padua, ITALY)

15.45 White coat and masked hypertension

Chairperson: R. Asmar (Paris, FRANCE)

A. de la Sierra (Barcelona, SPAIN)

16.15 Blood pressure variability

Chairperson: E. Manios (Athens, GREECE)

G. Bilo (Milan, ITALY), G. Parati (Milan, ITALY)

16.45 Final evaluation - Conclusions

G. Parati (Milan, ITALY), G.S. Stergiou (Athens, GREECE)

13.30-15.00

ROOM C2

Joint Session
ESH (European Society of Hypertension)
ISVH (International Society of Vascular Health)

NON-HEMODYNAMIC DETERMINANTS OF ARTERIAL STIFFNESS DURING AGEING

Chairpersons: H.A.J. Struijker-Boudier (Maastricht, THE NETHERLANDS),
N. Tasic (Belgrade, SERBIA)

13.30 Inflammation on arterial ageing
M. Bäck (Stockholm, SWEDEN)

13.45 Discussion

13.50 Sarcopenic obesity, microcirculation and arterial stiffness
F. Fantin (Verona, ITALY)

14.05 Discussion

14.10 Telomeres - A bio-determinant of arterial ageing
A. Benetos (Nancy, FRANCE)

14.25 Discussion

14.30 Evaluation of arterial ageing
R. Asmar (Paris, FRANCE)

14.45 Discussion

14.50 General Discussion

Curso Precongreso SEMI (Sociedad Española de Medicina Interna)

ACTUALIZACIÓN EN HIPERTENSIÓN ARTERIAL Y RIESGO VASCULAR

Moderadores: M. Camafort (Barcelona, ESPAÑA), A. Coca (Barcelona, ESPAÑA)

14.00 Importancia de la forma de medición de la presión arterial

J. Sobrino Martínez (Santa Coloma de Gramenet, ESPAÑA)

14.30 Valoración clínica de las lesiones silentes de órgano diana en hipertensión

E. Rodilla Sala (Valencia, ESPAÑA)

15.00 ¿Qué hay de nuevo en Diabetes y enfermedad Cardiovascular?

E. Ortega (Barcelona, ESPAÑA)

15.30 ¿Optimizar el tratamiento hipolipemiante con estatinas/ezetimiba o con Inhibidores de PCSK9?

J.M. Mostaza Prieto (Madrid, ESPAÑA)

16.00 Actualización en el tratamiento del riesgo cardiovascular en el anciano

A. Pose-Reino (Santiago, ESPAÑA)

16.30 Resumen y Conclusiones del Curso

M. Camafort (Barcelona, ESPAÑA)

14.00-15.00

ROOM M1

ESH Working Group on Interventional Treatment of Hypertension

FOCUS ON RENAL DENERVATION 2018

Chairpersons: R.E. Schmieder (Erlangen, GERMANY), K. Tsioufis (Athens, GREECE)

14.00 Comparison of published sham controlled RCTs

K. Dimitriadis (Athens, GREECE)

14.10 Discussion

14.12 Mechanism of blood pressure fall after renal denervation

A.A. Kroon (Maastricht, THE NETHERLANDS)

14.22 Discussion

14.24 Which device for which patient?

F. Mahfoud (Hamburg, GERMANY)

14.34 Discussion

14.36 Update of pilot studies in renal and cardiac disease

M.P. Schlaich (Perth, AUSTRALIA)

14.46 Discussion

14.48 Closing Remarks

15.00-16.00

ROOM C2

Sesión Científica en Español - SESIÓN 1

MEDIDA DE LA PRESIÓN ARTERIAL: ¿CONSULTA O FUERA DE LA CONSULTA?

Moderadores: M. Gorostidi (Oviedo, ESPAÑA), W. Sebba-Barroso (Goiania, BRASIL)

15.00 ¿Es factible la medida automática no presencial en las consultas de Atención Primaria?

E. Vinyoles (Sant Adrià de Besòs, ESPAÑA)

15.20 Ventajas y aplicaciones de la automedida de presión domiciliaria

M. Salazar (La Plata, ARGENTINA)

15.40 ¿Monitorización ambulatoria de presión arterial para todos los hipertensos?

J. Sobrino Martinez (Santa Coloma de Gramenet, ESPAÑA)

15.00-16.00

ROOM M1

ESH Working Group on Hypertension and Sexual Dysfunction

SEXUAL HISTORY IN THE MANAGEMENT OF ARTERIAL HYPERTENSION

Chairperson: M. Viigimaa (Tallinn, ESTONIA)

Discussant: D. Lovic (Niš, SERBIA)

How to take sexual history

15.00 Theoretical

C. Vlachopoulos (Athens, GREECE),

Case scenarios (theoretical and "hands-on")

15.10 Theoretical M. Doulas (Thessaloniki, GREECE)

15.20 Practical: Physician-Patients

M. Doulas (Thessaloniki, GREECE), K. Imprialos (Thessaloniki, GREECE),
K. Stavropoulos (Thessaloniki, GREECE)

Scenario 1: Untreated patient without erectile dysfunction

Scenario 2: Treated-uncontrolled patient without erectile dysfunction

Scenario 3: Treated patient with erectile dysfunction – Change of antihypertensive drugs

Scenario 4: Treated patient with erectile dysfunction – PDE-5 inhibitors

15.00-16.00

ROOM M2

ESH Working Group on Hypertension and the Brain

HYPERTENSION AND STROKE

Chairpersons: D. Gasecki (Gdansk, POLAND), C. Sierra (Barcelona, SPAIN)

- 15.00 Hypertension and brain damage**
D. Gasecki (Gdansk, POLAND)
- 15.15 Hypertension and stroke subtypes**
D. Hering (Gdansk, POLAND)
- 15.30 Management of high BP in acute ischemic stroke**
P. Cunha (Guimarães, PORTUGAL)
- 15.45 Management of high BP in acute hemorrhagic stroke**
E. Manios (Athens, GREECE)

16.00-17.00

ROOM C2

ESH Working Group on Hypertension and Cardiovascular Risk assessment in subjects living in or emigrating from low resource settings

CARDIOVASCULAR RISK IN LOW RESOURCE SETTINGS AND IMPLICATIONS FOR EUROPE

Chairpersons: P.A. Modesti (Florence, ITALY), G. Parati (Milan, ITALY)

- 16.00 What is being done in Africa to face the burden of Hypertension**
A. Damasceno (Maputo, MOZAMBIQUE)
- 16.15 Cardiovascular prevention in minority groups: focus on diabetes**
A.P. Kengne (Cape Town, SOUTH AFRICA)
- 16.30 Chronic kidney disease among ethnic groups**
C. Agyemang (Amsterdam, THE NETHERLANDS)
- 16.45 Which BP goal for African countries and how to get it**
F. Jarraya (Sfax, TUNISIA)

ESH Working Group on Obesity, Diabetes and High Risk Patient

DIABETES AND THE HIGH RISK PATIENT

Chairpersons: V. Kotsis (Thessaloniki, GREECE), P.M. Nilsson (Malmö, SWEDEN)

16.00 Practice guidelines from the WG to treat obesity induced hypertension, diabetes and dyslipidemia in obesity

V. Kotsis (Thessaloniki, GREECE)

16.10 How to measure baroreflex sensitivity in obese patients

G. Grassi (Milan, ITALY)

16.20 How to measure BP in obese children (office, home or 24h)

S. Stabouli (Thessaloniki, GREECE)

16.30 How to measure e-GFR in obesity

B. Jelakovic (Zagreb, CROATIA)

16.40 Recent diabetes CVD trials on SGLT2 and GLP1 and their effects on weight and Hypertension

P.M. Nilsson (Malmö, SWEDEN)

16.50 Hypertension centers of excellence: an opportunity to treat metabolic risk factors beyond blood pressure

J. Redon (Valencia, SPAIN)

16.00-17.00

ROOM M2

ESH Working Group on Endocrine Hypertension

Chairpersons: P. Mulatero (Turin, ITALY), J. Widimský (Prague, CZECH REPUBLIC)

16.00 Computed tomography and adrenal venous sampling in the diagnosis and outcomes after adrenalectomy for unilateral primary aldosteronism: a retrospective international cohort study (PASO2)

P. Mulatero (Turin, ITALY)

16.20 Cardiovascular events and target organ damage in primary aldosteronism compared with essential hypertension: a systematic review and meta-analysis

S. Monticone (Asti, ITALY)

16.40 Introduction to new studies in PA: I-Padua and MAPA

G.P. Rossi (Padua, ITALY)

17.30-18.30

ROOM A1

OPENING OF THE CONGRESS

Welcome Speech

Honorary President annual meeting

J. Redon (Valencia, SPAIN)

In Memoriam of Prof. Alberto Zanchetti

G. Mancia (Milan, ITALY)

ESH President

K. Tsioufis (Athens, GREECE)

President Annual Meeting

A. Coca (Barcelona, SPAIN)

18.30-19.30

LUNCH AREA

RECEPTION

07.45-08.45

ROOM B2

Breakfast Workshop

A SCREENING PROGRAMME FOR EARLY VASCULAR AGEING IN PHARMACIES

Chairpersons: S. Laurent (Paris, FRANCE), P.M. Nilsson (Malmö, SWEDEN)

07.45 Early vascular ageing and associated risk factors: the OPTIMO study

C. Kotliar (Buenos Aires, ARGENTINA)

08.05 Simplifying the assessment of early vascular ageing

E. Rodilla Sala (Valencia, SPAIN)

08.25 Discussion

07.45-08.45

ROOM B3

Breakfast Workshop

on behalf of **The Lancet Commission on Hypertension Group**

MOBILE HEALTH (mHealth) - POSSIBILITIES IN LOW RESOURCE SETTINGS

Chairpersons: P. López-Jaramillo (Bucaramanga, COLOMBIA),

F. Martínez García (Valencia, SPAIN)

07.45 mHealth and The Lancet Commission on Hypertension campaign

M.H. Olsen (Glostrup, DENMARK)

08.00 mHealth in cardiovascular prevention India – Possibilities and difficulties

A. More (Latur, INDIA)

08.15 mHealth in cardiovascular prevention Nepal – Possibilities and difficulties

M.H. Olsen (Glostrup, DENMARK)

08.30 Discussion on the importance/possibilities of mHealth in low resource settings

A. More (Latur, INDIA), M.H. Olsen (Glostrup, DENMARK)

07.45-08.45

ROOM C1

Breakfast Workshop

AGE AND GENDER DIFFERENCES IN HYPERTENSION

Chairpersons: M. Dorobantu (Bucharest, ROMANIA), N. Martell Claros (Madrid, SPAIN)

07.45 Gender issues in hypertension

J. Brguljan (Ljubljana, SLOVENIA)

08.05 The kidney in the hypertension of the elderly

B. Jelakovic (Zagreb, CROATIA)

08.25 Discussion

07.45-08.45

ROOM C2

Breakfast Workshop in Spanish Language

HIPERTENSIÓN GRADO 1 DE BAJO RIESGO CARDIOVASCULAR: ¿HAY QUE TRATARLA?

Moderadores: G. Coll de Tuero (Girona, ESPAÑA),
J. Zilberman (Buenos Aires, ARGENTINA)

07.45 ¿Tratamiento inicial con fármacos a todos los hipertensos Grado 1 y bajo riesgo cardiovascular?

A. Morales-Salinas (Santa Clara, CUBA)

08.05 ¿Monoterapia o combinación inicial para los hipertensos de Grado 1 y bajo riesgo cardiovascular?

M. de la Figuera (Barcelona, ESPAÑA)

08.25 Discusión

Late-Breakers

SESSION 1

Chairpersons: A. Cremer (Bordeaux, FRANCE), C. Ott (Erlangen, GERMANY)

08.50 ▀ DETERMINANTS OF LONG-TERM ALL-CAUSE AND CARDIOVASCULAR MORTALITY IN HYPERTENSIVE PATIENTS. FINDINGS FROM 16-YEAR FOLLOW-UP OF THE ASCOT LEGACY STUDY

A. Gupta, J. Mackay, A. Whitehouse, T. Godec, T. Collier, N. Poulter, P. Sever
London, UNITED KINGDOM

09.00 ▀ POPULATION ATTRIBUTABLE RISK FOR CARDIOVASCULAR DISEASE ASSOCIATED WITH HYPERTENSION. RESULTS FROM THE HORTEGA FOLLOW-UP STUDY

A. Ruiz-Hernandez¹, M. Tellez-Plaza^{1,2}, A. Dominguez-Lucas¹, G. Pichler¹, J.C. Martin-Escudero³, F. Martínez García¹, S. Vela-Bernal¹, J. Redon^{1,4}
¹ Valencia, SPAIN, ² Baltimore, MD, USA, ³ Valladolid, ⁴ Madrid, SPAIN

09.10 ▀ DIFFERENCES IN LONG-TERM CHANGES IN CAROTID REMODELING BETWEEN NORMOTENSIVE AND HYPERTENSIVE PERSONS IN A PRIMARY CARE POPULATION

B. Van Varik¹, L.M. Vossen², H.E.J.H. Stoffers¹, A.A. Kroon¹, P.W. De Leeuw³
¹ Maastricht, ² Nijmegen, ³ Sittard, THE NETHERLANDS

09.20 ▀ THE CV PROGNOSIS POWER OF NIGHT SHORT TERM VARIABILITY IN A PORTUGUESE HYPERTENSIVE POPULATION FOLLOWED FOR 12,8 YEARS

J. Mesquita Bastos¹, J. Ricardo Pires¹, J. Pinto¹, A. Araujo¹, P. Almeida¹, J. Polonia²
¹ Aveiro, ² Porto, PORTUGAL

09.30 ▀ IMPORTANCE OF MEAN BLOOD PRESSURE AND BLOOD PRESSURE VARIABILITY FOR THE EFFECT OF VALSARTAN VERSUS AMLODIPINE ON CARDIOVASCULAR EVENTS AND DEATH

M. Hollund Mehlum¹, K. Liestøl¹, S.E. Kjeldsen¹, S. Julius², T.A. Hua³, P.M. Rothwell⁴, M.A. Weber⁵, E. Berge¹, G. Mancía⁶, G. Parati⁶
¹ Oslo, NORWAY, ² Ann Arbor, MI, ³ East Hanover, NJ, USA, ⁴ Oxford, UNITED KINGDOM, ⁵ New York, NY, USA, ⁶ Milan, ITALY

09.40 ▀ RELATIONSHIP BETWEEN 24-HOUR AMBULATORY BRACHIAL VERSUS AORTIC SYSTOLIC BLOOD PRESSURE AND LEFT VENTRICULAR MASS. THE INTERNATIONAL 24 HOUR AORTIC BLOOD PRESSURE CONSORTIUM

S. Wassertheurer¹, T. Weber¹³, A. Protogerou², J. Sharman³, E. Rodilla Sala⁴, P. Jankowski⁵, M.L. Muiresan⁶, C. Giannattasio⁷, I. Wilkinson⁸, B. Hametner¹, J.M. Pascual⁴, R. Zweiker⁹, D. Czarnecka⁵, A. Argyris², A. Paini⁶, M. Salvetti⁶, A. Maloberti⁷, C. Mceniery⁸, Y. Li¹⁰, J. Nemcsik¹¹, G. Pucci¹²

¹ Vienna, AUSTRIA, ² Athens, GREECE, ³ Hobart, AUSTRALIA, ⁴ Valencia, SPAIN, ⁵ Kraków, POLAND, ⁶ Brescia, ⁷ Milan, ITALY, ⁸ Cambridge, UNITED KINGDOM, ⁹ Graz, AUSTRIA, ¹⁰ Shanghai, CHINA, ¹¹ Budapest, HUNGARY, ¹² Perugia, ITALY, ¹³ Wels-Grieskirchen, AUSTRIA

09.50 ■ THE ASSOCIATION BETWEEN BLOOD PRESSURE AND MULTIMORBIDITY IN INCIDENT HYPERTENSION: A COHORT STUDY

J. Tran¹, R. Norton², K. Rahimi¹

¹ Oxford, UNITED KINGDOM, ² Sydney, AUSTRALIA

10.00 ■ AUTOMATED BLOOD PRESSURE MEASUREMENT IN PATIENTS WITH HYPERTENSION AND ATRIAL FIBRILLATION. DATA FROM THE ESH RESEARCH PROJECT "MANAGEMENT OF ARTERIAL HYPERTENSION IN PATIENTS WITH HIGH BLOOD PRESSURE AND ATRIAL FIBRILLATION"

M. Salvetti¹, B. Jelakovic², M. Dorobantu³, M. Viigimaa⁴, A.J. Manolis⁵, J. Redon⁶, G. Parati⁷, E. Agabiti Rosei¹

¹ Brescia, ITALY, ² Zagreb, CROATIA, ³ Bucharest, ROMANIA, ⁴ Tallin, ESTONIA,

⁵ Athens, GREECE, ⁶ Valencia, SPAIN, ⁷ Milan, ITALY

10.10 ■ LEFT AND RIGHT ATRIAL FUNCTION AND DIMENSION - MARKERS OF PAROXYSMAL ATRIAL FIBRILLATION IN HYPERTENSIVES

C.M. Angelescu, I. Petre, A. Scafa Udriste, O.-F. Tautu, S. Iancovici, M. Dorobantu
Bucharest, ROMANIA

10.20 ■ IMPACT OF BLOOD PRESSURE CONTROL ON STROKE IN PATIENTS WITH ATRIAL FIBRILLATION. RESULTS FROM NATIONWIDE CROSS-SECTIONAL REGISTRY OF PATIENTS WITH NON-VALVULAR ATRIAL FIBRILLATION

A. Vachulova¹, L. Urban¹, Z. Slegrova², K. Chroust²

¹ Bratislava, SLOVAK REPUBLIC, ² Brno, CZECH REPUBLIC

10.30 ■ THE ASSOCIATION OF INTRACRANIAL ARTERIAL STENOSIS WITH HOME BLOOD PRESSURE LEVEL AND VARIABILITY

D.-Y. Zhang, H. Chen, Q.-H. Guo, Y.-B. Cheng, Q.-F. Huang, C.-S. Sheng, J. Wang, Y. Li
Shanghai, CHINA

10.40 ■ ASSOCIATION OF HOME BLOOD PRESSURE WITH PRECLINICAL ORGAN DAMAGE IN CHILDREN, ADOLESCENTS AND YOUNG ADULTS: COMPARISON WITH AMBULATORY BLOOD PRESSURE

M.E. Zeniodi, A. Kollias, A. Ntineri, E. Stambolliu, M. Dafni, G. Servos, A. Vazeou, G.S. Stergiou
Athens, GREECE

Parallel Oral Session 1A

CARDIOVASCULAR RISK FACTORS

Chairpersons: P.-Y. Courand (Lyon, FRANCE), K. Dimitriadis (Athens, GREECE)

08.50 ▀ PREDICTIVE POWER OF 24-HOUR AMBULATORY PULSE PRESSURE COMPONENTS FOR CARDIOVASCULAR MORTALITY IN DIFFERENT AGE AND HEART RATE STRATA DERIVED FROM DATA OF DUBLIN OUTCOME STUDY

B. Gavish¹, G. Bilo², E. Dolan³, E. O'Brien³, G. Parati²

¹ Eshtaol, ISRAEL, ² Milan, ITALY, ³ Dublin, IRELAND

09.00 ▀ ASSOCIATION OF RETINAL VESSEL CALIBERS AND LONGITUDINAL CHANGES IN ARTERIAL STIFFNESS: THE NAGAHAMA STUDY

Y. Tabara, K. Kawashima-Kumagai, K. Yamashiro, K. Setoh, M. Yoshikawa, M. Miyake, T. Nakayama, A. Tsujikawa, F. Matsuda

Kyoto, JAPAN

09.10 ▀ MORTALITY RATES IN HYPERTENSIVE SUBJECTS WITH PERIPHERAL ARTERIAL DISEASE: DETECTION OF A J-CURVE PHENOMENON

K. Farkas, E. Kolossváry, Z. Járαι, A. Paksy, I. Kiss

Budapest, HUNGARY

09.20 ▀ EXERCISE SYSTOLIC BLOOD PRESSURE AND QUARTILE-BASED RISK OF CORONARY HEART DISEASE IN HEALTHY MEN DURING 28 YEARS OF FOLLOW-UP

J.E. Mariampillai¹, E. Prestgaard¹, S.E. Kjeldsen¹, K. Liestøl¹, K. Engeseth¹, J. Erikssen¹, J. Bodegard¹, E. Berge^{1,2}, I. Grundvold¹, P.T. Skretteberg¹

¹ Oslo, ² Tromsø, NORWAY

09.30 ▀ MASKED HYPERTENSION INCIDENCE: RISK FACTORS IN A PROSPECTIVE COHORT STUDY

T. Xavier, C. Brisson, M. Gilbert-Ouimet, C. Duchaine, V. Dalens, D. Talbot, A. Milot

Quebec, CANADA

09.40 ▀ RELATIONSHIPS BETWEEN SERUM URIC ACID AND BLOOD PRESSURE, METABOLIC VARIABLES AND CARDIOVASCULAR RISK PROFILE IN TREATED HYPERTENSIVE PATIENTS FROM CENTRAL AND EASTERN EUROPEAN COUNTRIES: RESULTS OF THE BP CARE STUDY

P. Redon¹, R. Facchetti², A. Maloberti², M. Bombelli², J. Redon¹, E. Lurbe¹, G. Mancia², G. Grassi²

¹ Valencia, SPAIN, ² Milan, ITALY

09.50 ▀ ELECTRONIC CIGARETTE SMOKING EXERTS AN UNFAVOURABLE EFFECT ON AORTIC HEMODYNAMICS AND WAVE REFLECTIONS

D. Terentes-Printzios, N. Ioakeimidis, C. Vlachopoulos, M. Abdelrassoul, C. Georgakopoulos, I. Gourgouli, K. Aznaouridis, E. Solomou, D. Tousoulis

Athens, GREECE

10.00 ■ RISK OF CARDIOVASCULAR DISEASE IN TREATED AND UNTREATED INDIVIDUALS WITH HYPERTENSION: THE ISFAHAN COHORT STUDY

N. Hosseini¹, M. Talaei², T. Marshall³, M. Sadeghi¹, S. Oveisgharan⁴, N. Sarrafzadegan⁵

¹ Isfahan, IRAN, ² Singapore, SINGAPORE, ³ Birmingham, UNITED KINGDOM,

⁴ Chicago, IL, USA, ⁵ Vancouver, CANADA

10.10 ■ IMPACT OF EXERCISE BLOOD PRESSURE ON STROKE RISK IN PHYSICALLY FIT AND UNFIT MEN. RESULTS FROM 35 YEARS FOLLOW-UP OF HEALTHY MIDDLE-AGED MEN

E. Prestgaard, J.E. Mariampillai, K. Engeseth, J. Erikssen, S.E. Kjeldsen, J. Bodegard

K. Liestøl, I. Grundvold, E. Berge

Oslo, NORWAY

10.20 ■ CARDIOVASCULAR RISK IN HYPERTENSIVE PATIENTS INCLUDED IN THE IBERICAN STUDY

S. Cinza-Sanjurjo¹, F. Valls Roca², M. Frías Vargas³, F.J. Alonso Moreno⁴, E. Loizaga González⁵,

J. Aguirre Rodríguez⁶, M. Gómez González⁷, J. Carrasco Martín⁸, J. Acevedo Vázquez⁵,

J. Llisterri Caro²

¹ Santiago de Compostela, ² Valencia, ³ Madrid, ⁴ Toledo, ⁵ Sevilla, ⁶ Granada, ⁷ Almería,

⁸ Málaga, SPAIN

10.30 ■ A RETROSPECTIVE STUDY ON THE TAILORING OF SCORE CHARTS IN A SPECIALIZED TERTIARY HYPERTENSION UNIT

R. Jantzen¹, V. Looten¹, T. Deborde¹, L. Amar¹, G. Bobrie¹, N. Postel-Vinay¹, C. Battaglia¹,

A. Tache¹, A. Chedid¹, M.M. Dhib¹, P.-F. Plouin¹, G. Chatellier¹, G. Rey², A. Burgun¹,

M. Azizi¹, A.S. Jannot¹

¹ Paris, ² Le Kremlin-Bicêtre, FRANCE

10.40 ■ EFFECT OF ELECTRONIC CIGARETTE SMOKING ON BLOOD PRESSURE IN HYPERTENSIVE PATIENTS. EVALUATION BY NON-INVASIVE CONTINUOUS AMBULATORY BLOOD PRESSURE MEASUREMENT

G. Crippa, M. Bergonzi, E. Bravi, V. Balordi, A. Cassi

Piacenza, ITALY

08.50-10.50

ROOM C1

Parallel Oral Session 1B

BLOOD PRESSURE MEASUREMENT

Chairpersons: F. Cappuccio (Warwick, UNITED KINGDOM), C. Grassos (Athens, GREECE)

08.50 ▀ TELEMONITORING AND/OR SELF-MONITORING OF BLOOD PRESSURE IN HYPERTENSION (TASMINH4): A RANDOMISED CONTROLLED TRIALR. McManus¹, J. Mant², M. Franssen¹, A. Nickless¹, C. Schwartz¹, J. Hodgkinson³, P. Bradburn³, A. Farmer¹, S. Grant³, S. Greenfield³, C. Heneghan¹, S. Jowett³, U. Martin³, S. Milner³, M. Monahan³, S. Mort¹, E. Ogburn¹, R. Perera-Salazar¹, S. Shah¹, L. Yu¹, L. Tarrasenko¹, R. Hobbs¹¹ Oxford, ² Cambridge, ³ Birmingham, UNITED KINGDOM**09.00 ▀ LECTURE****MASKED HYPERTENSION: AN UPDATE**

G. Grassi

Milan, ITALY

09.20 ▀ PROGNOSTIC POWER OF MORNING HOME BLOOD PRESSURE IN VERY ELDERLY CLINICAL POPULATION

S. Hoshida, K. Kario

Shimotsuke, JAPAN

09.30 ▀ COMPARISON OF NON-INVASIVE TECHNIQUES FOR AORTIC PRESSURE APPRAISAL AGAINST INVASIVE PRESSURE MEASURESA. Guala¹, F. Tosello², D. Leone², L. Sabia², F. D'Ascenzo², T. Crea², C. Moretti², F. Gaita², F. Veglio², L. Ridolfi², A. Milan²¹ Barcelona, SPAIN, ² Turin, ITALY**09.40 ▀ IMPACT OF AMERICAN VS CANADIAN STYLE BLOOD PRESSURE MEASUREMENT ON BLOOD PRESSURE CLASSIFICATION ACCORDING TO THE 2017 ACC/AHA TASK FORCE HYPERTENSION GUIDELINES**

A. Vischer, C. Winterhalder, L. Leonardi, J. Eckstein, T. Burkard

Basel, SWITZERLAND

09.50 ▀ RISK OF NEW ONSET METABOLIC SYNDROME ASSOCIATED WITH SELECTIVE AND COMBINED ELEVATION IN OFFICE, HOME AND AMBULATORY BLOOD PRESSUREC. Cuspidi¹, R. Facchetti¹, M. Bombelli¹, M. Tadic², C. Sala¹, G. Grassi¹, G. Mancia¹¹ Milan, ITALY, ² Berlin, GERMANY**10.00 ▀ FIXED-DOSE COMBINATION THERAPY DECREASED PREVALENCE OF MASKED UNCONTROLLED HYPERTENSION (MUCH) IN VERY HIGH RISK PATIENTS**

M. Lovric Bencic, L. Bradic, M. Mihajlo, G. Eder, K. Krzelj, A. Jelakovic, B. Jelakovic

Zagreb, CROATIA

10.10 ▀ GOVERNMENT EXPERT JOINT TWO YEARS INTERVENTION FOR HYPERTENSION AT A MULTI-ETHNIC RESOURCE-CONSTRICTION COUNTY NORTHWEST CHINA IS RELATED TO DECREASED STROKE MORTALITY

N. Li¹, M. Heizhati¹, L. Zhou¹, X. Yao¹, D. Zhang¹, X. Zhang²

¹ Urumqi, ² Beijing, CHINA

10.20 ▀ PATTERNS OF HYPERTENSION IN RENAL TRANSPLANT PATIENTS EVALUATED WITH 24H AMBULATORY BLOOD PRESSURE MONITORING

M. Dinic, N. Maillard, G. Claisse, I. Masson, E. Alamartine, C. Mariat

Saint Etienne, FRANCE

10.30 ▀ RISK OF DEVELOPING SUSTAINED HYPERTENSION IN ISOLATED SYSTOLIC HYPERTENSION OF THE YOUNG IDENTIFIED WITH AMBULATORY BLOOD PRESSURE MONITORING

F. Saladini¹, C. Fania¹, L. Mos², G. Garavelli³, A. Mazzer⁴, P. Palatini¹

¹ Padua, ² Udine, ³ Cremona, ⁴ Treviso, ITALY

10.40 ▀ NEW BP GOAL OF 130/80 MMHG MAKES NO DIFFERENCE IN IDENTIFYING HYPERTENSIVE TARGET ORGAN DAMAGE: THE NORTHERN SHANGHAI STUDY

H. Ji¹, Y. Lu¹, J. Xiong¹, S. Yu¹, C. Chi¹, J. Li¹, J. Teliewubai¹, J. Blacher², Y. Zhang¹, Y. Xu¹

¹ Shanghai, CHINA, ² Paris, FRANCE

Parallel Oral Session 1C

DIABETES

Chairpersons: M. Camafort (Barcelona, SPAIN), M. de la Figuera (Barcelona, SPAIN)

08.50 ■ EARLY VASCULAR PARAMETERS IN THE MICRO AND MACROCIRCULATION IN TYPE 2 DIABETES

D. Kannenkeril¹, M. Karg¹, A. Bosch¹, C. Ott¹, J.M. Harazny^{1,2}, R.E. Schmieder¹

¹Erlangen, GERMANY, ²Olsztyn, POLAND

09.00 ■ BLOOD PRESSURE AND ARTERIAL STIFFNESS: EFFECTS OF CANAGLIFLOZIN VERSUS PERINDOPRIL IN DIABETIC PATIENTS WITH ESSENTIAL HYPERTENSION

A.J. Ramirez, M. Sanchez, R. Sanchez

Buenos Aires, ARGENTINA

09.10 ■ COMPARISON OF ARTERIAL STIFFNESS PARAMETERS IN HYPERTENSIVE AND TYPE-2 DIABETIC PATIENTS: THE NORTHERN SHANGHAI STUDY

C. Chi¹, Y. Zhou¹, J. Teliewubai¹, B. Bai¹, X. Fan¹, H. Ji¹, S. Yu¹, M.E. Safar², Y. Xu¹, Y. Zhang¹

¹Shanghai, CHINA, ²Paris, FRANCE

09.20 ■ IMPACT ON MORTALITY OF THE GAP IN THE USE OF CARDIOVASCULAR PREVENTING DRUGS IN DIABETES: A POPULATION STUDY

J. Redon, D. Orozco, J. Navarro, R. Uso, J.L. Trillo, A. Fernandez, F. Morales, J. Sanchis, V. Gil
Valencia, SPAIN

09.30 ■ ISOLATED SYSTOLIC HYPERTENSION VERSUS COMBINED SYSTOLIC-DIASTOLIC HYPERTENSION AS PREDICTORS OF NEW-ONSET DIABETES MELLITUS: DATA FROM A GREEK 8-YEARS-FOLLOW-UP STUDY

K. Dimitriadis, K. Tsioufis, D. Konstantinidis, T. Kalos, I. Liatakis, E. Koutra, I. Karapati, I. Andrikou, S. Galanakis, P. Iliakis, E. Andrikou, I. Kallikazaros, D. Tousoulis

Athens, GREECE

09.40 ■ THE ASSESSMENT OF MAJOR COMORBIDITIES IMPACT IN LONG STANDING HYPERTENSIVE PATIENTS

C.C. Tudorica, S. Tudorica, A.M. Vintila, A. Florentiu

Bucharest, ROMANIA

09.50 ■ CYSTATIN C IS ASSOCIATED WITH THE PRESENCE OF CAROTID ATHEROSCLEROSIS IN PATIENTS WITH DIABETES TYPE 2 AND CHRONIC KIDNEY DISEASE

V. Vasilkova¹, T. Mokhort², N. Filiptsova¹, E. Naumenko¹

¹Gomel, ²Minsk, BELARUS

10.00 ■ DETERMINANTS OF URINARY ALBUMIN EXCRETION IN NEWLY DIAGNOSED DIABETES MELLITUS

B. Nikolaidou, E. Gavrilaki, E. Gkaliagkousi, A. Triantafyllou, P. Anyfanti, A. Lazaridis, S. Douma

Thessaloniki, GREECE

10.10 ▀ NON-PROTEINURIC DIABETIC NEPHROPATHY IS THE MAIN CAUSE OF CHRONIC KIDNEY DISEASE

N.R. Robles Perez-Monteoliva¹, J. Villa¹, F.J. Felix², L. Lozano³, D. Fernandez-Berges²

¹ Badajoz, ² Villanueva de la Serena, ³ Merida, SPAIN

10.20 ▀ INTERRELATIONSHIPS BETWEEN SERUM LEVELS OF PROINFLAMMATORY CYTOKINES AND PARAMETERS OF CARDIAC AND RENAL FUNCTION IN PATIENTS WITH TYPE 2 DIABETES AND EARLY CKD

I. Pchelin, V. Bayrasheva, A. Shishkin, N. Hudiakova

Saint Petersburg, RUSSIA

10.30 ▀ LECTURE**SGTL-2 INHIBITORS IN THE PREVENTION OF HEART FAILURE**

J. McMurray

Glasgow, UNITED KINGDOM

09.30-10.30**ROOM B2****Minisymposium**

Supported by **Ferrer**

THE POLYPILL IN CLINICAL PRACTICE

Chairpersons: A. Coca (Barcelona, SPAIN), A.J. Manolis (Athens, GREECE)

09.30 Real use of cardiovascular drugs in prevention of morbidity and mortality: SATURNO study

J. Redon (Valencia, SPAIN)

09.50 The Polypill and adherence to cardiovascular treatment: position of the ESH

G. Mancia (Milan, ITALY)

10.10 A call to action: the polypill as a public health strategy to optimize cardiovascular therapy worldwide

J.M. Castellano Vázquez (Madrid, SPAIN)

10.00-11.00

ROOM B1

Minisymposium

Supported by **Servier**

DIURETICS AND HYPERTENSION: PAST OR FUTURE?

Chairpersons: K. Tsioufis (Athens, GREECE), B. Williams (London, UNITED KINGDOM)

10.00 Introduction

B. Williams (London, UNITED KINGDOM)

10.02 Sodium balance at the core of blood pressure regulation

M. Burnier (Lausanne, SWITZERLAND)

10.17 Are all diuretics equivalent?

C. Borghi (Bologna, ITALY)

10.32 Role of diuretics in the management of hypertensive patients

A. Pathak (Toulouse, FRANCE)

10.47 Discussion

10.59 Conclusion

K. Tsioufis (Athens, GREECE)

11.00-12.30

ROOM A1

Topical Workshop

POSITION PAPERS OF THE EUROPEAN SOCIETY OF HYPERTENSION

Chairpersons: M. Azizi (Paris, FRANCE), R. Kreutz (Berlin, GERMANY)

11.00 Obesity and cardiovascular risk

V. Kotsis (Thessaloniki, GREECE)

11.20 Non-invasive cardiovascular imaging for evaluating subclinical cardiac organ damage in hypertensive patients: evidence, limitations and perspectives

E. Agabiti Rosei (Brescia, ITALY)

11.40 Polypill in cardiovascular prevention: evidence, limitations and perspectives

A.J. Manolis (Athens, GREECE)

12.00 Clinical recommendations for high altitude exposure in individuals with pre-existing cardiovascular conditions

G. Parati (Milan, ITALY)

12.20 Discussion

Parallel Oral Session 2A

BLOOD PRESSURE VARIABILITY

Chairpersons: J. Wang (Shanghai, CHINA), B.H. Watschinger (Vienna, AUSTRIA)

11.00 ▀ REDUCED BLOOD PRESSURE VARIABILITY AS A PREDICTOR OF CARDIAC EVENTS AFTER MYOCARDIAL INFARCTION: A 6 MONTHS FOLLOW-UP STUDY

K. Konstantinou, K. Tsioufis, K. Dimitriadis, M. Mantzouranis, A. Koumelli, C. Fragoulis, A. Kasiakogias, N. Vogiatzakis, P. Tolis, E. Tolis, D. Tousoulis
Athens, GREECE

11.10 ▀ NEUTROPHIL TO LYMPHOCYTE RATIO AND PLATELET TO LYMPHOCYTE RATIO ARE INDEPENDENT PREDICTORS FOR BLOOD PRESSURE VARIABILITY

O. Turgay Yildirim¹, F. Aydin¹, A. Huseyinoglu Aydin¹, E. Dagtekin¹, E. Aksit², S. Has Hasirci³
¹ Eskisehir, ² Canakkale, ³ Ankara, TURKEY

11.20 ▀ SHORT-TERM BLOOD PRESSURE VARIABILITY PREDICTS CARDIOVASCULAR EVENTS AND ALL-CAUSE MORTALITY IN HEMODIALYSIS PATIENTS

P.A. Sarafidis¹, C. Loutradis¹, A. Karpets¹, E. Papadopoulou¹, G. Tzanis¹, A. Bikos¹, V. Raptis², C. Syrgkanis³, V. Liakopoulos¹, A. Papagianni¹, G. Bakris⁴, G. Parati⁵
¹ Thessaloniki, ² Katerini, ³ Volos, GREECE, ⁴ Chicago, IL, USA, ⁵ Milan, ITALY

11.30 ▀ LECTURE**VISIT-TO-VISIT VARIABILITY: STATE OF THE ART**

G. Mancia
Milan, ITALY

11.50 ▀ PROGNOSTIC SIGNIFICANCE OF VISIT-TO-VISIT VARIABILITY, MEAN AND MAXIMUM BLOOD PRESSURE IN TREATED HYPERTENSIVE PATIENTS WITH HIGH CARDIOVASCULAR RISK

I. Tasic¹, S. Kostic², D. Djordjevic¹, D. Bogdanovic³, D. Bastac⁴, M. Lovic², V. Stoickov¹, D. Lovic⁵
¹ Niš, ² Niška Banja, ³ Novi Pazar, ⁴ Zaječar, SERBIA, ⁵ Washington, DC, USA

12.00 ▀ TREATMENT WITH SGLT-2 INHIBITORS IN PATIENTS WITH DIABETES MELLITUS AND ESSENTIAL HYPERTENSION – DYNAMIC OF BLOOD PRESSURE VISIT-TO-VISIT VARIABILITY

L. Minushkina, A.V. Kazakova, L.S. Matveeva, S.V. Novosad
Moscow, RUSSIA

12.10 ▀ PROGNOSTIC IMPLICATIONS OF VISIT-TO-VISIT BLOOD PRESSURE VARIABILITY IN THE PATIENTS WITH HEART FAILURE

J.-H. Lee¹, K. Hwang¹, S. Lee², H. Cho², H. Lee², J. Choi², E. Jeon², M. Kim², J. Kim², S. Chae³, S. Baek², S. Kang², D. Choi⁴, B. Yoo⁵, Y.G. Ahn⁶, K. Kim⁶, H. Park¹¹, B. Oh², M. Cho¹
¹ Cheongju, ² Seoul, ³ Daegu, ⁴ Seongnam, ⁵ Wonju, ⁶ Gwangju, SOUTH KOREA

12.20 ▀ FIVE CONSECUTIVE OFFICE BLOOD PRESSURE MEASUREMENTS VERSUS CURRENT PRACTICE. HOW AGE, GENDER, DIABETES AND HYPERTENSION AFFECT BLOOD PRESSURE

A. Habib¹, H.M. Warda^{1,2}, S.M. Habiba¹, H.S. Assaad¹, A. Elshorbagy¹,
¹ Alexandria, ² Tanta, EGYPT

11.00-12.00

ROOM B2

Minisymposium

Supported by **Menarini Group**

HOW TO: DEFINE A PATIENT-TAILORED THERAPY APPROACH IN A CROWDED ANTI-HYPERTENSIVE SCENARIO

Chairpersons: S. Laurent (Paris, FRANCE), M. Volpe (Rome, ITALY)

11.00 Maximize hypertension management: update of a practical treatment platform

M. Volpe (Rome, ITALY)

Clinical case

11.15 Patient with persistent hypertension

K. Tsioufis (Athens, GREECE)

Clinical case

11.35 Difficult-to-treat patient

A. de la Sierra (Barcelona, SPAIN)

11.55 Summary and meeting close

11.00-12.00

ROOM B3

Minisymposium

Supported by **OMRON Healthcare Europe B.V.**

HYPERTENSION-RELATED CARDIOVASCULAR RISKS IN OBESITY. NEW PERSPECTIVES AND MONITORING TECHNOLOGY

Chairperson: G. Parati (Milan, ITALY)

11.00 Introduction

11.05 Managing Hypertension and related risks in Obesity - Why is it difficult?

G. Parati (Milan, ITALY)

11.20 Validated Blood Pressure Monitoring in Obesity

R. Asmar (Paris, FRANCE)

11.35 Sleep Apnea related Hypertension in Obesity

G.S. Stergiou (Athens, GREECE)

11.50 Discussion

11.00-12.30

ROOM C1

Parallel Oral Session 2B

ATRIAL FIBRILLATION AND HEART FAILURE

Chairpersons: J.-J. Mourad (Bobigny, FRANCE), F. Pinto (Santa Maria da Feira, PORTUGAL)

11.00 ▀ LECTURE**ATRIAL FIBRILLATION: FROM MECHANISMS TO PREVENTION**

A.J. Manolis

Athens, GREECE

11.20 ▀ ISOLATED SYSTOLIC HYPERTENSION VERSUS COMBINED SYSTOLIC-DIASTOLIC HYPERTENSION AS PREDICTORS OF ATRIAL FIBRILLATION: DATA FROM A GREEK 8-YEARS-FOLLOW-UP STUDYD. Konstantinidis, K. Tsioufis, K. Dimitriadis, T. Kalos, I. Liatakis, E. Koutra, L. Nikolopoulou, P. Iliakis, E. Andrikou, D. Tousoulis

Athens, GREECE

11.30 ▀ ELECTROANATOMICAL MAPPING OF ATRIAL FIBRILLATION, EPICARDIAL FAT AND ATRIAL FIBROSIS IN PATIENTS WITH METABOLIC SYNDROMEV. Ionin, E. Zaslavskaya, Y. Ma, A. Morozov, S. Yashin, O. Listopad, S. Nifontov, E. Baranova, E. Shlyakhto

Saint Petersburg, RUSSIA

11.40 ▀ THE EFFECT OF SOCIAL FACTORS ON THE PREVALENCE OF ATRIAL FIBRILLATION IN HYPERTENSIVE PATIENTSC. Liakos, E. Karpanou, C. Grassos, M. Markou, G. Vyssoulis, D. Tousoulis

Athens, GREECE

11.50 ▀ OPPORTUNISTIC SCREENING FOR ATRIAL FIBRILLATION IN THE PHARMACIES: A POPULATION BASED OBSERVATIONAL STUDYP. Minuz, S. Bonometti, F. Del Zotti, F. Realdon, C. Fava, M. Bacchini

Verona, ITALY

12.00 ▀ AUTOMATED VERSUS AUSCULTATORY OR INTRA-ARTERIAL BLOOD PRESSURE MEASUREMENT IN ATRIAL FIBRILLATION: A SYSTEMATIC REVIEW AND META-ANALYSISE. Stambolliu, A. Kollias, K. Kyriakoulis, G.S. Stergiou

Athens, GREECE

12.10 ▀ HIGH SYSTOLIC BLOOD PRESSURE IS ASSOCIATED WITH INCIDENT LATENT HEART FAILURE: THE SUITA STUDYY. Kokubo, M. Watanabe, A. Higashiyama, Y.M. Nakao, Y. Miyamoto

Suita, JAPAN

12.20 ▀ ZINC-ALPHA 2 GLYCOPROTEIN FACILITATES CATECHOLAMINE-INDUCED LIPOLYSIS IN HUMAN ADIPOCYTES THROUGH A CATALASE-LIKE EFFECT: FOCUS ON CARDIAC CACHEXIAS. Tedeschi^{1,2}, L. Banti¹, G. Graiani¹, D. Poli¹, A. Borghetti¹, S. Perlini³, A. Cabassi¹¹ Parma, ² Fidenza, ³ Pavia, ITALY

11.00-12.30

ROOM C2

Joint Session

ESH (European Society of Hypertension)

SEMERGEN (Sociedad Española de Médicos de Atención Primaria)

NUEVOS HORIZONTES EN EL RIESGO CARDIOVASCULAR DE DISTINTAS POBLACIONES

Moderadores: A. Coca (Barcelona, ESPAÑA), V. Pallarés Carratalá (Castellón, ESPAÑA)

11.00 Panorámica del riesgo cardiovascular en Europa

J. Marrugat (Barcelona, ESPAÑA)

11.20 Particularidades del riesgo cardiovascular en Latinoamérica

P. López-Jaramillo (Bucaramanga, COLOMBIA)

11.40 La situación del riesgo cardiovascular en Atención Primaria en España: el Estudio IBERICAN. Prevención primaria: factores de riesgo cardiovascular

M.A. Prieto Díaz (Oviedo, ESPAÑA)

12.00 Prevención secundaria: enfermedad cardiovascular y renal

S. Cinza-Sanjurjo (Porto do Son, ESPAÑA)

12.20 Discusión y Conclusiones

V. Pallarés Carratalá (Castellón, ESPAÑA)

12.15-12.35

ROOM B3

Lecture

Chairperson: H.-Y. Lee (Seoul, SOUTH KOREA)

Precision medicine in hypertension

A.F. Dominiczak (Glasgow, UNITED KINGDOM)

12.45-14.15

ROOM A1

Teaching Seminar

SESSION 1

Chairpersons: D.L. Clement (Ghent, BELGIUM),
A.M. Heagerty (Manchester, UNITED KINGDOM)

12.45 Hypertension in chronic pulmonary disease (COPD)

C. Farsang (Budapest, HUNGARY)

13.00 Discussion

13.05 Management of existing hypertension during pregnancy

R. Cifková (Prague, CZECH REPUBLIC)

13.20 Discussion

13.25 Do we need an albuminuria check in all new hypertensive patients?

J. Pascual Izuel (Valencia, SPAIN)

13.40 Discussion

13.45 Any hope to detect new mechanisms leading to hypertension?

H.A.J. Struijker-Boudier (Maastricht, THE NETHERLANDS)

14.00 Discussion

14.05 General Discussion

12.45-14.15

ROOM B1

Satellite Symposium

Supported by **Servier**

OPTIMIZING THE HYPERTENSIVE PATIENT'S CARE PATHWAY

Chairpersons: M. Dorobantu (Bucharest, ROMANIA), K. Narkiewicz (Gdansk, POLAND)

12.45 Introduction

M. Dorobantu (Bucharest, ROMANIA)

12.50 From awareness to diagnosis: a key transition in managing hypertension

S. Taddei (Pisa, ITALY)

13.10 Achieving targets and promoting adherence: the challenge ahead

A.S. Hall (Leeds, UNITED KINGDOM)

13.30 Overcoming therapeutic inertia to preserve our patients' futures

K. Narkiewicz (Gdansk, POLAND)

13.50 Discussion

14.10 Conclusion

K. Narkiewicz (Gdansk, POLAND)

12.45-14.15

ROOM B2

Joint Session ESH - Indo-European Hypertension Collegium

HYPERTENSION AND COMORBIDITIES

Chairpersons: E. Agabiti Rosei (Brescia, ITALY), V.S. Ram (Hyderabad, INDIA)

12.45 Importance of Indo-European collaboration in hypertension

K. Tsioufis (Athens, GREECE)

13.00 Central aortic blood pressure as a tool in the evaluation and management of hypertension

J. Abdullakutty (Cochin, INDIA)

13.15 Why is uric acid a CV risk factor?

C. Borghi (Bologna, ITALY)

13.30 Cardiac arrhythmias and hypertension

B. Singh (New Delhi, INDIA)

13.45 Is it time to unify hypertension guidelines?

F.H. Messerli (Bern, SWITZERLAND)

14.00 Closing Remarks

V.S. Ram (Hyderabad, INDIA)

Parallel Oral Session 3A

CHILDREN AND ADOLESCENTS

Chairpersons: S. Stabouli (Thessaloniki, GREECE), J. Zilberman (Buenos Aires, ARGENTINA)

12.45 ▀ REFERENCE VALUES FOR AORTIC PULSE WAVE VELOCITY IN PORTUGUESE CHILDREN AND ADOLESCENTS. AN UPDATE FROM THE PORTUGUESE VASCULAR PHENOTYPE IN CHILDREN AND ADOLESCENTS COHORT

T. Pereira, J. Maldonado, J. Martins, M. Carvalho

Coimbra, PORTUGAL

12.55 ▀ HYPERTENSION IN HIGH SCHOOL STUDENTS: GENETIC AND ENVIRONMENTAL FACTORS (HYGEF STUDY)

S. Fontana¹, C. Lanzani¹, R. Bigazzi², L. Zagato¹, E. Messaggio¹, G. Santini², F. Nistri², S. Delli Carpini¹, L. Citterio¹, M. Simonini¹, E. Brioni¹, C. Magnaghi¹, S. Lenti², S. Bianchi², V. Campese³, P. Manunta¹

¹ Milan, ² Livorno, ITALY, ³ Los Angeles, CA, USA

13.05 ▀ PERFORMANCE OF 4 DEFINITIONS OF CHILDHOOD ELEVATED BLOOD PRESSURE IN PREDICTING SUBCLINICAL CARDIOVASCULAR OUTCOMES IN ADULTHOOD

J. Mi, H. Fam, D.Q. Hou, J.T. Liu, Y.K. Yan

Beijing, CHINA

13.15 ▀ URIC ACID IS ASSOCIATED WITH CARDIOMETABOLIC RISK FACTORS IN OVERWEIGHT AND OBESE CHILDREN AND ADOLESCENTS

J. Álvarez^{1,2}, P. Redon^{1,2}, M. Torro^{1,2}, F. Aguilar^{1,2}, J. Redon^{1,2}, C. Borghi³, E. Lurbe^{1,2}

¹ Madrid, ² Valencia, SPAIN, ³ Bologna, ITALY

13.25 ▀ EFFECTS OF MODERATE INTERVAL TRAINING ON MEASURES OF HEART RATE VARIABILITY, PULSE WAVE VELOCITY AND SYSTOLIC BLOOD PRESSURE IN ELEMENTARY SCHOOL CHILDREN

S. Ketelh Ketelhut, S.K. Ketelhut, K. Kerstin

Berlin, GERMANY

13.35 ▀ RELATION BETWEEN DIETARY HABITS AND ANTHROPOMETRIC AND VASCULAR PARAMETERS IN CHILDREN ATTENDING THE PRIMARY SCHOOL

A. Giontella, A. Tagetti, S. Bonafini, I. Bresadola, P. Minuz, L. Nicolussi Principe, C. Maffei, F. Antoniazzi, C. Fava

Verona, ITALY

13.45 ▀ DETERMINANTS OF AORTIC PULSE WAVE VELOCITY IN PORTUGUESE CHILDREN AND ADOLESCENTS. AN UPDATE OF THE PORTUGUESE VASCULAR PHENOTYPE IN CHILDREN AND ADOLESCENTS (PORT-VASPH) COHORT

J. Maldonado, T. Pereira, J. Martins, M. Carvalho

Coimbra, PORTUGAL

13.55 ▀ LECTURE
RECENT CLINICAL AND TRANSLATIONAL ADVANCES IN PAEDIATRIC HYPERTENSION

B. Falkner

Philadelphia, PA, USA

Parallel Oral Session 3B

EXPERIMENTAL HYPERTENSION AND PHARMACOLOGY

Chairpersons: F. Charchar (Ballarat, AUSTRALIA), A. Pathak (Toulouse, FRANCE)

12.45 ■ G PROTEIN-COUPLED ESTROGEN RECEPTORS: NOVEL THERAPEUTIC TARGETS IN ALDOSTERONE/SALT-INDUCED HYPERTENSION?C. Sobey, A. Vinh, Q.N. Dinh, G. Drummond
Bundoora, AUSTRALIA**12.55 ■ ACUTE AND CHRONIC EFFECTS OF CHIOS MASTIC GUM ON BLOOD PRESSURE IN A RODENT MODEL OF 2-KIDNEY 1-CLIP HYPERTENSION**A. Tzani, I. Doulamis, P. Konstantopoulos, E. Pasiou, A. Daskalopoulou, D. Iliopoulos, I. Georgiadis, N. Kavantzaz, S. Kourkoulis, D. Perrea
Athens, GREECE**13.05 ■ UNILATERAL OCCLUSION OF THE CAROTID ARTERY MAY BE AN INDEPENDENT PATHOGENETIC MECHANISM OF PULMONARY HYPERTENSION**M. Markov, I.P. Tesakov, N.B. Safarova, M.P. Davydova
Moscow, RUSSIA**13.15 ■ GLOBAL DELETION OF MICRORNA-181A RESULTS IN ELEVATED BLOOD PRESSURE IN MICE**G. Head¹, M. Peterson¹, K. Jackson¹, K. Lim¹, R. Evans¹, P. Davern¹, F. Charchar², F. Marques¹
¹ Melbourne, ² Ballarat, AUSTRALIA**13.25 ■ OSTEONECTIN AND A DISINTEGRIN AND METALLOPROTEINASE WITH THROMBOSPONDIN TYPE 1 MOTIF (ADAMTS1) INDUCE FIBROSIS IN DEOXYCORTICOSTERONE-SALT HYPERTENSIVE RAT KIDNEY**H. Toba, T. Saito, R. Kawashima, S. Sakaue, Y. Watanabe, N. Nessa, M. Kobara, T. Nakata
Kyoto, JAPAN**13.35 ■ PREDICTION OF BLOOD PRESSURE-LOWERING EFFICACY OF ANTIHYPERTENSIVE TREATMENT DEPENDING ON INDIVIDUAL PATIENT CHARACTERISTICS: INITIAL MODEL**N. Zvartau, A. Semakova, E. Bolgova, S. Kovalchuk, A. Boukhanovsky, A. Konradi
Saint-Petersburg, RUSSIA**13.45 ■ INCREASED HEPATOCYTE GROWTH FACTOR IN MONOCROTALINE-INDUCED PULMONARY HYPERTENSION IN RATS**M. Radik, Z. Kmecova, J. Veteskova, E. Malikova, P. Krenek, J. Klimas
Bratislava, SLOVAK REPUBLIC**13.55 ■ RENAL SYMPATHETIC NERVES AND INFLAMMATION IN HYPERTENSION: ASSESSING RENAL INFLAMMATION RESPONSE TO RENAL DENERVATION BY URINARY CYTOKINE EXCRETION IN DEOXYCORTICOSTERONE-SALT RAT**C. Banek, J. Osborn
Minneapolis, MN, USA**14.05 ■ GUT PATHOPHYSIOLOGICAL ALTERATIONS IN HYPERTENSION PIG MODEL**N. Zhang, B. Feng, S.D. Hu, Y.F. Zhou
Soochow, CHINA

Sesión Científica en Español - SESIÓN 2

AFECTACIÓN RENAL EN EL HIPERTENSO

Moderadores: C. Castellaro (Buenos Aires, ARGENTINA), J. Segura (Madrid, SPAIN)

12.45 Manejo de la hipertensión en la enfermedad renal crónica

R. Santamaría (Córdoba, SPAIN)

13.05 Anticoagulación en la enfermedad renal crónica

M.D. Martínez Esteban (Málaga, SPAIN)

13.25 Enfermedad renal crónica y riesgo cardiovascular

F. Martínez García (Valencia, SPAIN)

13.45 Nuevos conceptos de la enfermedad renal crónica en la Diabetes

J.L. Gorris (Valencia, SPAIN)

14.05 Discusión

Topical Workshop on Hot Issues

TYPE-2 DIABETES: THE NEED FOR A MULTIDISCIPLINARY TREATMENT APPROACH TO PREVENT CARDIOVASCULAR COMPLICATIONS

Chairpersons: K. Narkiewicz (Gdansk, POLAND), B.H. Watschinger (Vienna, AUSTRIA)

14.15 Microcirculation in diabetes - a disaster bed

A.M. Heagerty (Manchester, UNITED KINGDOM)

14.30 Large artery disease and atherosclerotic development in diabetes

S. Laurent (Paris, FRANCE)

14.45 Role of the SGLT-2 inhibitors in diabetic hypertensive patients

I. Tikkanen (Helsinki, FINLAND)

15.00 Statins and diabetes

E. Ros (Barcelona, SPAIN)

14.15-15.45

ROOM B2

Joint Session

ESH (European Society of Hypertension)

ERA/EDTA (European Renal Association/European
Dialysis and Transplant Association)**NEW CHALLENGES IN KIDNEY PROTECTION IN HYPERTENSION**

Chairpersons: P.A. Sarafidis (Thessaloniki, GREECE), C. Zoccali (Reggio Calabria, ITALY)

14.15 Blood pressure targets in CKD in the post-SPRINT era

D. Fliser (Homburg, GERMANY)

14.35 Poor adherence to medications in hypertension and in CKD

P.J. Blankestijn (Utrecht, THE NETHERLANDS)

14.55 Acute decline in GFR after blood pressure treatment: what to do?

J.M. Galcerán (Barcelona, SPAIN)

15.15 Phenotypes of CKD in diabetes

B. Jelakovic (Zagreb, CROATIA)

15.35 Discussion

14.15-15.45

ROOM B3

Joint Session

ESH (European Society of Hypertension)

LASH (Latin American Society of Hypertension)

INSIGHTS IN PATHOPHYSIOLOGY AND TREATMENT OF HYPERTENSION

Chairpersons: E. Barbosa (Porto Alegre, BRAZIL), A. Coca (Barcelona, SPAIN)

14.15 Antihypertensive treatment in diabetes

P. López-Jaramillo (Bucaramanga, COLOMBIA)

14.35 Blood Pressure measurement: office, office-unattended or self-home?

W. Sebba-Barroso (Goiania, BRAZIL)

14.55 New insights in diabetic nephropathy

J. Redon (Valencia, SPAIN)

15.15 Uric acid and arterial stiffness

A.J. Ramirez (Buenos Aires, ARGENTINA)

15.35 Discussion

14.30-15.30

ROOM C1

Minisymposium

Supported by **Medtronic**

ROLE OF RDN IN HYPERTENSION MANAGEMENT: THE NEXT CHAPTER BEGINS

Chairpersons: M. Esler (Melbourne, AUSTRALIA), K. Tsioufis (Athens, GREECE)

14.30 Session objectives and overview

K. Tsioufis (Athens, GREECE)

14.35 Understanding Adherence Challenge in Hypertension Patients

F. Mahfoud (Hamburg, GERMANY)

14.42 Discussion and audience interaction

14.47 Patient preference for Therapies in Hypertension Management

R.E. Schmieder (Erlangen, GERMANY)

14.54 Discussion and audience interaction

14.59 Scientific rationale for branch treatment beyond the bifurcation

A. Garcia-Touchard (Madrid, SPAIN)

15.06 Discussion and audience interaction

15.11 Latest clinical update on RDN data

A. Sharp (Exeter, UNITED KINGDOM)

15.18 Discussion and audience interaction

15.25 Session evaluation and key learnings

M. Esler (Melbourne, AUSTRALIA)

14.30-15.00

ROOM C2

Lecture

Supported by **Menarini Group**

Chairperson: C. Borghi (Bologna, ITALY)

Hyperuricaemia: another brick in the CV wall?

C. Borghi (Bologna, ITALY)

14.40-15.00

ROOM B1

Lecture

Chairperson: J. Shin (Seoul, SOUTH KOREA)

Molecular mechanisms of ventricular remodeling

J. Diez (Navarra, SPAIN)

15.00-16.30

ROOM B1

Topical Workshop

OBESITY IN ADOLESCENTS AND YOUNG ADULTS

Chairpersons: S. Erdine (Istanbul, TURKEY), B. Falkner (Philadelphia, PA, USA)

15.00 Prevalence and trends of obesity in European adolescents

D. Pall (Debrecen, HUNGARY)

15.20 The metabolic syndrome in adolescents: does it exist?

E. Lurbe (Valencia, SPAIN)

15.40 Relevance of emerging comorbidities

P. Redon (Valencia, SPAIN)

16.00 Therapeutic approaches

S. Stabouli (Thessaloniki, GREECE)

16.20 Discussion

Parallel Oral Session 3C

RESISTANT HYPERTENSION

Chairpersons: L.H. Lindholm (Umeå, SWEDEN), F. Mahfoud (Homburg/Saar, GERMANY)

15.15 ▀ COST-EFFECTIVENESS OF RENAL DENERVATION THERAPY FOR TREATMENT RESISTANT HYPERTENSION: A BEST CASE SCENARIO

E.K. Chowdhury¹, C.M. Reid^{1,2}, E. Zoomer¹, D.J. Kelly¹, D. Liew¹

¹ Melbourne, ² Perth, AUSTRALIA

15.25 ▀ DYNAMICS OF ASYMMETRIC DIMETHYLARGININE AFTER RENAL DENERVATION IN PATIENTS WITH RESISTANT HYPERTENSION

L. Korostovtseva¹, S. Kravchenko^{1,2}, M. Ionov¹, Y. Yudina¹, S. Mironova¹, N. Avdonina¹, I. Emelyanov¹, D. Zverev¹, E. Vasilieva¹, M. Bochkarev¹, A. Semenov¹, N. Zvartau¹, Y. Sviryaev¹, A. Konradi¹

¹ Saint Petersburg, ² Moscow, RUSSIA

15.35 ▀ SPYRAL HTN-OFF MED TRIAL: CHANGES IN OFFICE AND AMBULATORY HEART RATE

M. Böhm¹, D. Kandzari², R. Townsend³, F. Mahfoud¹, M.A. Weber⁴, M. Fahy⁵, K. Kario⁶

¹ Homburg/Saar, GERMANY, ² Atlanta, GA, ³ Philadelphia, PA, ⁴ Brooklyn, NY,

⁵ Santa Rosa, CA, USA, ⁶ Tohigi, JAPAN

15.45 ▀ CONFIDENHTM SYSTEM SAFETY AND PERFORMANCE OF DIAGNOSTIC ELECTRICAL MAPPING OF RENAL NERVES FOR RENAL SYMPATHETIC DENERVATION PROCEDURE

K. Tsioufis¹, F. Mahfoud³, D. Kyriakos¹, L. Feyz², A. Kasiakogias¹, J. Daemen²

¹ Athens, GREECE, ² Rotterdam, THE NETHERLANDS, ³ Homburg, GERMANY

15.55 ▀ VOLUME FACTOR IN RESISTANT HYPERTENSION: ROLE OF SEX, VASCULAR LOAD AND INTRINSIC LEFT VENTRICULAR INOTROPIC STATE

S.A. Gonzalez¹, D. Olano², G. Martinez¹, D. Ricon¹, M. Mendez¹, O. Diganchi¹,

M. Schiavone¹, J. Donaire¹, F. Inserra¹, R. La Greca¹, I. Ramella¹

¹ Buenos Aires, ² La Plata, ARGENTINA

16.05 ▀ MORE THAN 2-YEARS FOLLOW-UP OF RESISTANT HYPERTENSIVE PATIENTS WITH NEUROVASCULAR DECOMPRESSION OF THE BRAIN STEM ON THE LEFT SIDE

I. Fejes, E. Voros, P. Barzo, D. Bajcsi, A. Letoha, S. Sonkodi, G. Abraham, P. Legrady
Szeged, HUNGARY

16.15 ▀ EFFECTS OF DISTAL RENAL DENERVATION VERSUS CONVENTIONAL INTERVENTION ON THE HEART IN PATIENTS WITH RESISTANT HYPERTENSION

T. Ripp, S. Pekarskiy, T. Ryabova, V. Mordovin, A. Baev, V. Lichikaki, E. Sitkova, S. Popov
Tomsk, RUSSIA

16.25 ▀ LECTURE PSEUDO-RESISTANT HYPERTENSION

M. Tomaszewski

Manchester, UNITED KINGDOM

Parallel Oral Session 3D

OBESITY AND METABOLIC SYNDROME

Chairpersons: J.-M. Halimi (Tours, FRANCE), P.M. Nilsson (Malmö, SWEDEN)

15.45 ▀ HIGHER MICRORNA-132 IS ASSOCIATED WITH BLOOD PRESSURE AND LIVER STEATOSIS IN OBESE INDIVIDUALS

N. Eikelis¹, J. Dixon¹, E. Lambert¹, G. Hanin², D. Greenberg², H. Soreq², F. Marques¹, M. Schlaich^{1,3}, G. Lambert¹

¹ Melbourne, AUSTRALIA ² Jerusalem, ISRAEL, ³ Perth, AUSTRALIA

15.55 ▀ CARDIOVASCULAR PROGNOSTIC FACTORS IN PREDIABETIC PATIENTS WITHIN A HYPERTENSIVE POPULATION

R. García Carretero¹, C. Soguero Ruiz², I. Mora Jimenez², L. Vigil Medina¹

¹ Mostoles, ² Fuenlabrada, SPAIN

16.05 ▀ AMBULATORY BLOOD PRESSURE PARAMETERS AMONG EXTREMELY OBESE SUBJECTS WITH DIFFERENT STAGES OF FATTY LIVER

A. Gluszcowska, B. Gryglewska, J. Gasowski, B. Zarzycki, A. Dzieza-Grudnik, P. Major, A. Budzynski, T. Grodzicki

Kraków, POLAND

16.15 ▀ VITAMIN D DEFICIENCY AND GLUCOSE METABOLISM IN NON-DIABETIC ESSENTIAL HYPERTENSIVE PATIENTS

C. Catena, G. Colussi, M. Novello, N. Bertin, G. Brosolo, A. Palomba, A. Duratti, L.A. Sechi Udine, ITALY

16.25 ▀ PREVALENCE OF CARDIOVASCULAR DISEASE IN PATIENTS WITH METABOLIC SYNDROME IN THE IBERICAN STUDY

S. Cinza-Sanjurjo¹, S. Yáñez Freire¹, J. García Fernández², R. López Sánchez³, F. Leiva Cepas⁴, R. Abad Rodríguez², D. Rey Aldana¹, J. Esturo Alcaine⁵, R. Piedra Castro⁶, J. Polo García⁷

¹ Santiago de Compostela, ² Asturias, ³ Santander, ⁴ Córdoba, ⁵ Cádiz, ⁶ Guadalajara, ⁷ Cáceres, SPAIN

16.35 ▀ BETA3-ADRENOCEPTOR MEDIATED ADIPONECTIN SECRETION IS ESSENTIAL IN MODULATION OF VASCULAR TONE BY PERIVASCULAR ADIPOSE TISSUE

S. Saxton, K. Ryding, S. Withers, A.M. Heagerty

Manchester, UNITED KINGDOM

15.45-16.45

ROOM B3

Hands-on Session

Supported by **SOMNOmedics GmbH**

BLOOD PRESSURE MEASUREMENT USING CUFF OR PTT - WHY NOT DATE BOTH BEAUTIES?

Chairperson: G. Parati (Milan, ITALY)

15.45 Cuff vs. PTT: 2 methods - 1 goal

A. Patzak (Berlin, GERMANY)

16.05 Next generation of cuff-based ABPM

G. Küchler (Randersacker, GERMANY)

16.25 Hands on the cuff: Live Demo

A. Göhler (Randersacker, GERMANY)

15.45-16.45

ROOM C1

Meet-the-Expert

HOW TO IMPLEMENT GENETIC TESTING IN CARDIOVASCULAR MEDICINE

Chairperson: A.F. Dominiczak (Glasgow, UNITED KINGDOM)

Experts: M.J. Caulfield (London, UNITED KINGDOM),
X. Jeunemaitre (Paris, FRANCE)

15.45-16.45

ROOM C2

Sesión Científica en Español - SESIÓN 3

DIETA MEDITERRÁNEA Y ENFERMEDAD CARDIOVASCULAR

Moderadores: J.E. Lopez Paz (Santiago, ESPAÑA), P. Rodriguez (Buenos Aires, ARGENTINA)

15.45 Prevención de morbilidad y mortalidad cardiovascular por la dieta mediterránea

R. Estruch (Barcelona, ESPAÑA)

16.05 Efecto de la dieta mediterránea sobre los factores de riesgo cardiovascular

M. Doménech (Barcelona, ESPAÑA)

16.25 Discusión

Plenary Session

2018 EUROPEAN GUIDELINES

Chairpersons: G. Mancia (Milan, ITALY), B. Williams (London, UNITED KINGDOM)

16.45 Definition of hypertension

K. Narkiewicz (Gdansk, POLAND)

16.53 BP measurement: office and out-of-office

J. Redon (Valencia, SPAIN)

17.01 Global Risk stratification in hypertension

E. Agabiti Rosei (Brescia, ITALY)

17.09 When to initiate antihypertensive treatment

L.M. Ruilope (Madrid, SPAIN)

17.17 Blood Pressure treatment goals

G. Mancia (Milan, ITALY)

17.25 Life style changes

A. Coca (Barcelona, SPAIN)

17.33 Drug treatment algorithm for hypertension

B. Williams (London, UNITED KINGDOM)

17.41 Device-based hypertension treatment

K. Tsioufis (Athens, GREECE)

17.49 Hypertension treatment in specific conditions

R.E. Schmieder (Erlangen, GERMANY)

17.57 Patient follow-up

M. Burnier (Lausanne, SWITZERLAND)

18.05 What is new, gaps in evidence and needs for future research

G. Mancia (Milan, ITALY), B. Williams (London, UNITED KINGDOM)

18.13 Discussion

07.45-08.45

ROOM B2

Breakfast Workshop

DIAGNOSTIC ASPECTS OF PERIPHERAL ARTERY DISEASE

Chairpersons: D.L. Clement (Ghent, BELGIUM), C. Ott (Erlangen, GERMANY)

07.45 Peripheral artery disease: data from the FRENA study

M. Camafort (Barcelona, SPAIN)

08.05 Guidelines in the diagnosis and treatment of peripheral artery disease

T. Kahan (Stockholm, SWEDEN)

08.25 Discussion

07.45-08.45

ROOM B3

Breakfast Workshop

UNATTENDED AND ATTENDED AUTOMATED OFFICE BLOOD PRESSURE

Chairpersons: N. Martell Claros (Madrid, SPAIN), G.S. Stergiou (Athens, GREECE)

07.45 Advantages and disadvantages of different methods to measure BP in the office

G. Parati (Milan, ITALY)

08.05 Unattended automated office blood pressure measurement in treated hypertensive patients

J. Filipovsky (Pilsen, CZECH REPUBLIC)

08.25 Discussion

07.45-08.45

ROOM C1

Breakfast Workshop

FIBROMUSCULAR DYSPLASIA

Chairpersons: E. Poch (Barcelona, SPAIN), D. Vlahakos (Athens, GREECE)

07.45 Revisiting Fibromuscular Dysplasia: rationale and first achievements of the European Fibromuscular Dysplasia Initiative

A. Persu (Brussels, BELGIUM)

08.05 The genetics of Fibromuscular Dysplasia

X. Jeunemaitre (Paris, FRANCE)

08.25 Discussion

07.45-08.45

ROOM C2

Breakfast Workshop in Spanish Language

HIPERTENSIÓN, DETERIORO COGNITIVO Y DEMENCIA

Moderadores: P. Armario (Sant Joan Despí, ESPAÑA),
O. Valdéz (La Romana, DOMINICAN REPUBLIC)

07.45 Cómo evaluar el deterioro cognitivo en el paciente hipertenso en la práctica clínica

A. Vicario (Buenos Aires, ARGENTINA)

08.05Cuál es la mejor estrategia farmacológica para la prevención del deterioro cognitivo

C. Sierra (Barcelona, ESPAÑA)

08.25 Discusión

Parallel Oral Session 4A

KIDNEY

Chairpersons: D. Papadopoulos (Athens, GREECE),
G.D. Waisman (Buenos Aires, ARGENTINA)

08.50 ▀ URINARY UROMODULIN IN A PATHWAY BETWEEN DECREASED URINARY URIC ACID EXCRETION AND ALBUMINURIA

A. Krajcoviechova^{1,2}, F. Marois-Blanchet², S. Trojanov², F. Harvey², P. Dumas², J. Tremblay², R. Cifkova¹, P. Awadalla², F. Madore², P. Hamet²

¹ Prague, CZECH REPUBLIC, ² Montreal, CANADA

09.00 ▀ EVALUATION OF INTRA-RENAL BLOOD FLOW PARAMETERS IN PATIENTS WITH RENAL FIBROMUSCULAR DYSPLASIA. THE POLISH REGISTRY FOR FIBROMUSCULAR DYSPLASIA (ARCADIA-POL STUDY)

M. Januszewicz¹, I. Michalowska¹, E. Warchol-Celinska¹, A. Aniszczyk-Hybiak¹, J. Ziebka¹, E. Florczak¹, A. Witkowski¹, J. Kadziela¹, M. Kabat¹, A. Klisiewicz¹, P. Dobrowolski¹, A. Tykarski², L. Stryczynski², M. Szczerbo-Trojanowska³, L. Swiatlowski³, K. Widecka⁴, P. Hoffman¹, A. Prejbisz¹, A. Wiecek⁵, A. Januszewicz¹

¹ Warsaw, ² Poznan, ³ Lublin, ⁴ Szczecin, ⁵ Katowice, POLAND

09.10 ▀ HYPERTENSION IN ADOLESCENCE INCREASES THE RISK FOR FUTURE END-STAGE RENAL DISEASE: A NATIONWIDE COHORT OF 2.65 MILLION ADOLESCENTS

A. Leiba^{1,2,3}, B. Fishman⁴, D. Gilad², E. Derazne⁵, A. Shamiss^{1,2}, E. Grossman⁵

¹ Ashdod, ² Beer-Sheva, ISRAEL, ³ Massachusetts, MA, USA, ⁴ Tel-Hashomer,

⁵ Tel-Aviv, ISRAEL

09.20 ▀ CYSTATIN C AS A PREDICTOR OF MORTALITY AND CARDIOVASCULAR RISK IN A HYPERTENSIVE POPULATION

R. Garcia Carretero¹, O. Barquero Perez², R. Goya Esteban², L. Vigil Medina¹

¹ Mostoles, ² Fuenlabrada, SPAIN

09.30 ▀ LEVELS OF ENDOCAN, ANGIOPOIETIN-2 AND HIF-1A IN PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE AND DIFFERENT LEVELS OF RENAL FUNCTION

C. Loutradis, V. Raptis, C. Bakogiannis, A.K. Boutou, I. Lampropoulou, E. Intzevidou, A. Sioulis, E. Balaskas, P.A. Sarafidis

Thessaloniki, GREECE

09.40 ▀ 24HABPM IN THE LONG TERM FOLLOW UP OF RENAL TRANSPLANT PATIENTS: FOCUS ON AN UNMET CLINICAL NEED

F. Mallamaci, R. Tripepi, G. D'Arrigo, G. Porto, M.C. Versace, C. Marino, M.C. Sanguedolce, G. Tripepi, C. Zoccali
Reggio Calabria, ITALY

**09.50 ▀ LECTURE
RENAL SODIUM EXCRETION AND SODIUM STORAGE: A CLINICAL PERSPECTIVE**

R.E. Schmieder
Erlangen, GERMANY

10.10 ▀ EXOSOMAL MICRORNA PROFILE IN HYPERTENSIVE PATIENTS WITH ALBUMINURIA

J. Redon, J. Perez-Hernandez, D. Olivares, E. Solaz, F. Martinez, G. Pichler, F.J. Chaves, A. Riffo, D. Perez-Gil, R. Cortes
Valencia, SPAIN

10.20 ▀ HYPERTENSION AND RENAL FUNCTION IMPAIRMENT IN LOW-GRADE RENAL ARTERY STENOSIS

A.J. Woittiez¹, M. de Vogel¹, P.W. de Leeuw²
¹ Almelo, ² Maastricht, THE NETHERLANDS

10.30 ▀ EFFECT OF TREATMENT WITH ALLOPURINOL ON MARKERS OF MICROINFLAMMATION AND VASCULAR DAMAGE AND REPAIR IN PATIENTS WITH CHRONIC KIDNEY DISEASE AND ASYMPTOMATIC HYPERURICEMIA

R. Santamaria, P. Buendia, V. Pendon-Ruiz De Mier, J. Martinez-Moreno, N. Vergara, M. Jimenez-Moral, J. Muñoz-Castañeda, J. Rodriguez, P. Aljama
Córdoba, SPAIN

10.40 ▀ EPICARDIAL FAT THICKNESS IN PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE

A Concistré¹, L. Petramala¹, G. Scoccia¹, S. Sciomer¹, V. Bisogni¹, F. Olmati¹, G. Iannucci¹, S. Lai¹, D. Mastroluca², G. Iacobellis³, C. Letizia¹
¹ Rome, ² Latina, ITALY, ³ Miami, FL, USA

09.00-10.30

ROOM A1

Joint Session

ESH (European Society of Hypertension)

ARTERY (Association for Research into Arterial Structure and Physiology)

ARTERIAL STRUCTURAL AND FUNCTIONAL CHANGES IN HYPERTENSION

Chairpersons: P. Cunha (Guimarães, PORTUGAL), S. Laurent (Paris, FRANCE)

09.00 Arterial function: current 'best' techniques for measurement in clinic & Lab

P. Boutouyrie (Paris, FRANCE)

09.20 Arterial structure changes in hypertension and obesity

A.M. Heagerty (Manchester, UNITED KINGDOM)

09.40 Basic science of vascular smooth muscle and the arterial wall

P. Lacolley (Nancy, FRANCE)

10.00 Prognostic value beyond blood pressure: risk stratification and potential treatments

J.K. Cruickshank (London, UNITED KINGDOM)

10.20 Discussion

09.00-10.30

ROOM B1

Topical Workshop

NEW DESIGNS OF CLINICAL STUDIES IN HYPERTENSION

Chairpersons: R. Cifková (Prague, CZECH REPUBLIC), S.-M. Kang (Seul, SOUTH KOREA)

09.00 Overview of the designs used so far

S.E. Kjeldsen (Oslo, NORWAY)

09.20 Strengths and challenges of meta-analyses

R. McManus (Oxford, UNITED KINGDOM)

09.40 The case of Mendelian randomization

S. Padmanabhan (Glasgow, UNITED KINGDOM)

10.00 Contribution of real world data

G. Mancina (Milan, ITALY)

10.20 Discussion

09.00-10.30

ROOM B2

Symposium

on behalf of the ESH Working Group on obesity, diabetes and the high risk patient

NEUROHUMORAL MECHANISMS IN CARDIOMETABOLIC CROSSTALK. BRIDGING SCIENCE AND PATIENT CARE

Chairpersons: V. Kotsis (Thessaloniki, GREECE), P.M. Nilsson (Malmö, SWEDEN)

09.00 Sympathetic overactivity in cardiometabolic disease - targets for treatment

G. Grassi (Milan, ITALY)

09.20 Mechanistic insight in renin-angiotensin-system mediated metabolic risk

A.H.J. Danser (Rotterdam, THE NETHERLANDS)

09.40 The natriuretic peptide system in cardiometabolic crosstalk. Implications for patient care

J. Jordan (Cologne, GERMANY)

10.00 General Discussion

09.00-10.30

ROOM C2

Joint Session in Spanish Language
ESH (European Society of Hypertension)
SIAC (Sociedad Interamericana de Cardiología)

HIPERTENSIÓN Y PREVENCIÓN CARDIOVASCULAR A LA LUZ DE LA NUEVA GUÍA DE HIPERTENSIÓN ESC/ESH 2018

Moderadores: A. Coca (Barcelona, ESPAÑA), F. Wyss (Guatemala City, GUATEMALA)

- 09.00 La definición de hipertensión en Europa: ¿por qué mantener 140/90 mmHg?**
J. Redon (Valencia, ESPAÑA)
- 09.20 Implicaciones para la SIAC en la adopción de la definición de la guía ACC/AHA o de la ESH/ESC**
I.C. Ponte Negretti (Caracas, VENEZUELA)
- 09.40 Nuevas metas del tratamiento antihipertensivo de la guía ESC/ESH**
A. Coca (Barcelona, ESPAÑA)
- 10.00 Similitudes y discrepancias de la guía ACC/AHA y ESC/ESH respecto a las metas de presión a alcanzar**
D. Piskorz (Rosario, ARGENTINA)
- 10.20 Discusión**

09.50-10.50

ROOM C1

Minisymposium

Supported by **CVRx**

BAROREFLEX ACTIVATION THERAPY: TOWARDS A NEW STANDARD OF CARE IN RESISTANT HYPERTENSION

Chairpersons: M. Azizi (Paris, FRANCE), G. Parati (Milan, ITALY)

09.50 Mechanism of action and latest clinical results

P. Rossignol (Nancy, FRANCE)

10.10 The German consensus on baroreflex activation therapy and what it has changed in practice

M. Wallbach (Göttingen, GERMANY)

10.30 Where to find patients indicated for baroreflex activation therapy

M. Fischer (Regensburg, GERMANY)

10.30-11.00

ROOM A1

Lecture

Chairperson: E. Poch (Barcelona, SPAIN)

First international consensus on fibromuscular dysplasia

A. Persu (Brussels, BELGIUM)

10.40-11.00

ROOM B2

Lecture

Chairperson: E. Lurbe (Valencia, SPAIN)

Insuring effective transition for hypertension care from adolescence to adulthood?

L. Cloutier (Trois-Rivières, CANADA), N. Houle (Trois-Rivieres, CANADA)

11.00-12.30

ROOM A1

Joint Session

ESH (European Society of Hypertension)

ISH (International Society of Hypertension)

CHALLENGES IN HYPERTENSION DIAGNOSIS AND TREATMENT

Chairpersons: R. Castillo (Makati City, PHILIPPINES), A. Morganti (Milan, ITALY)

11.00 Masked hypertension in apparently healthy young adults

A. Schutte (Johannesburg, SOUTH AFRICA)

11.20 Anticoagulation in hypertensive patients with CKD

R. Kreutz (Berlin, GERMANY)

11.40 Attended vs unattended out of office BP measurement, feasibility, accuracy and association with outcomes

M.P. Schlaich (Perth, AUSTRALIA)

12.00 Resistant hypertension: distinctive phenotypes and therapeutic options

A. Januszewicz (Warsaw, POLAND)

12.20 Discussion

Minisymposium

Supported by **Servier**

FIRST-LINE USE OF A SINGLE-PILL COMBINATION IN ALL HYPERTENSIVE PATIENTS: A NEW ERA?

Chairpersons: E. Agabiti Rosei (Brescia, ITALY), S. Laurent (Paris, FRANCE)

11.00 Introduction

E. Agabiti Rosei (Brescia, ITALY)

11.02 From evidence to guidelines: what have we learned in the last 10 years?

S. Laurent (Paris, FRANCE)

11.17 From guidelines to evidence-based clinical practice

G. Mancini (Milan, ITALY)

11.32 Are all fixed-dose combinations appropriate and for which patients?

G. Dresser (London, CANADA)

11.47 Discussion

11:59 Conclusion

S. Laurent (Paris, FRANCE)

Parallel Oral Session 4B

THERAPEUTICS AND CLINICAL TRIALS

Chairpersons: A. Kasiakogias (Athens, GREECE), A.J. Ramirez (Buenos Aires, ARGENTINA)

11.00 ■ LECTURE**CARDIOVASCULAR SYSTEM AND NEW ANTINEOPLASTIC DRUGS**

M. Azizi

Paris, FRANCE

11.20 ■ GENERIC VS BRAND-NAME DRUGS FOR THE TREATMENT OF HYPERTENSION

M. Dinic¹, N. Maillard¹, M. Bouiller², E. Alamartine¹, C. Mariat¹

¹ Saint Etienne, ² Le Puy en Velay, FRANCE

11.30 ■ CHEMICAL RENAL DENERVATION WITH ALCOHOL. LONG TERM RESULTS FROM THE PEREGRINE POST-MARKET STUDY

A. Persu¹, J. Renkin¹, M. Hochul², W. Wojakowski³, M. Böhm⁴, F. Mahfoud⁴, R.E. Schmieder⁵, M. van der Giet⁶, M. de Bucourt⁶, A. Zirlik⁷, P. Neuzil⁸, N. Haratani⁹, H. Parise⁹, T. Fischell⁹, S. Bertog¹⁰, K. Sievert¹⁰, H. Sievert¹⁰

¹ Brussels, BELGIUM, ² Tychy, ³ Katowice, POLAND, ⁴ Homburg, ⁵ Erlangen, ⁶ Berlin,

⁷ Freiburg, GERMANY, ⁸ Prague, CZECH REPUBLIC, ⁹ Palo Alto, CA, USA, ¹⁰ Frankfurt, GERMANY

11.40 ■ EFFECT OF RESVERATROL ON BLOOD PRESSURE: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED, CONTROLLED, CLINICAL TRIALS

F. Fogacci¹, A.F.G. Cicero¹, G. Tocci², V. Presta², A. Fratter³, C. Borghi¹

¹ Bologna, ² Rome, ³ Istrana, ITALY

11.50 ■ BENEFITS AND HARMS OF ANTIHYPERTENSIVE TREATMENT FOR UNCOMPLICATED MILD HYPERTENSION IN PRIMARY CARE: AN OBSERVATIONAL COHORT STUDY IN THE CLINICAL PRACTICE RESEARCH DATA LINK

J.P. Sheppard¹, S. Stevens¹, R. Stevens¹, U. Martin², J. Mant³, F.D.R. Hobbs¹, R. McManus¹

¹ Oxford, ² Birmingham, ³ Cambridge, UNITED KINGDOM

12.00 ■ COMPARATIVE EFFICACY OF ANGIOTENSIN CONVERTING ENZYME INHIBITORS AND ANGIOTENSIN RECEPTOR BLOCKERS II IN ESSENTIAL HYPERTENSION: SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS

C. Antza, C. Dimou, E. Akrivos, I. Doundoulakis, S. Stabouli, A.B. Haidich, V. Kotsis

Thessaloniki, GREECE

12.10 ■ REAL WORLD EFFICACY OF NEVIBOLOL ACCORDING TO VARIOUS PRESCRIPTION PATTERNS IN THE OPEN, NON-CONTROLLED, PROSPECTIVE, MULTICENTER OBSERVATIONAL STUDY IN KOREA (BENEFIT-KOREA)

J. Shin¹, B. Cho², Y. Choi³, G. Hong¹, H. Yoon⁴, W. Shim¹, J. Jang⁵, Y. Koh⁶, D. Jeon⁷, D. Cha⁸, S. Kim⁹, W. Bae¹⁰, S. Rha⁶, I. Jang¹, S. Park¹, J. Kim¹

¹ Seoul, ² Gangreung, ³ Daejeon, ⁴ Daegu, ⁵ Chungju, ⁶ Gwangju, ⁷ Ilisan, ⁸ Bundang, ⁹ Soonchun, ¹⁰ Busan, SOUTH KOREA

12.20 ■ PHARMACO-METABOLOMICS OF BLOOD PRESSURE RESPONSE TO BETA-BLOCKERS AND DIURETICS

D. Campbell¹, A. Aman¹, R. Iniesta², C. Menni², Y. Gong³, R. Cooper-De Hoff³, J. Johnson³, K. Burgess¹, M. Barrett¹, PEAR Investigators^{3,4,5,6}, C. Lewis², P. Chowienczyk², S. Padmanabhan¹

¹ Glasgow, ² London, UNITED KINGDOM, ³ Gainesville, FL, ⁴ Atlanta, GA, ⁵ Rochester, NY,

⁶ Indiana, IN, USA

Parallel Oral Session 4C

CEREBROVASCULAR DISEASE, STROKE AND COGNITIVE DYSFUNCTION

Chairpersons: P.M. Nilsson (Malmö, SWEDEN), P. Rossignol (Nancy, FRANCE)

11.00 ▀ CLINICAL CHARACTERISTICS OF PATIENTS WITH SPONTANEOUS CERVICAL ARTERY DISSECTION. THE POLISH REGISTRY FOR FIBROMUSCULAR DYSPLASIA (ARCADIA-POL STUDY)

P. Talarowska¹, E. Warchol-Celinska¹, I. Kurkowska-Jastrzebska¹, A. Kostera-Pruszczyk¹, D. Gasecki², K. Jozwik-Plebanek¹, E. Florczak¹, M. Januszewicz¹, A. Czlonkowska¹, M. Skowronska¹, B. Blazejewska-Hyzorek¹, L. Swiatlowski³, A. Prejbisz¹, K. Hanus¹, J. Antoniewicz¹, O. Rowinski¹, A. Kleinrok⁴, M. Szczerbo-Trojanowska³, A. Januszewicz¹
¹Warsaw, ²Gdansk, ³Lublin, ⁴Zamosc, POLAND

11.10 ▀ HIPPOCAMPAL CEREBRAL BLOOD FLOW DEPENDS ON SYSTEMIC ENDOTHELIAL FUNCTION IN INDIVIDUALS WITH MILD COGNITIVE IMPAIRMENT: THE TRAIN THE BRAIN-MIND THE VESSEL STUDY

R.M. Bruno, L. Pratali, R. Sicari, F. Stea, N. Berardi, G. Tognoni, U. Bonuccelli, L. Ghiadoni, S. Taddei, D. Scelfo, L. Biagi, M. Tosetti, L. Maffei, E. Picano
 Pisa, ITALY

11.20 ▀ SHORT-TERM FUNCTIONAL OUTCOME AFTER ISCHEMIC STROKE IS RELATED TO BLOOD PRESSURE VARIABILITY

K. Kowalczyk, D. Gasecki, M. Kwarciany, B. Jablonski, K. Narkiewicz, B. Karaszewski
 Gdansk, POLAND

11.30 ▀ HIPPOCAMPUS VOLUMETRY AND VASCULAR DAMAGE IN A COHORT OF OLDER PATIENTS WITH HYPERTENSION: INSIGHTS FROM THE ADELAHYDE STUDY

A. Triantafyllou, J.P. Ferreira, E. Micard, Y. Xie, J. Felblinger, P. Rossignol, S. Bracard, A. Benetos
 Nancy, FRANCE

11.40 ▀ THE EFFECT OF ANTIHYPERTENSIVE TREATMENT ON THE PREVALENCE OF ORTHOSTATIC HYPOTENSION IN ALZHEIMER'S DISEASE: SECONDARY ANALYSES OF A RANDOMIZED CONTROLLED TRIAL (NILVAD TRIAL)

R. De Heus¹, B. Lawlor², M. Olde Rikkert¹, J. Claassen¹
¹Nijmegen, THE NETHERLANDS, ²Dublin, IRELAND

11.50 ▀ UTILITY OF THE CLOCK DRAWING TEST AS COGNITIVE SCREENING IN PATIENTS WITH ARTERIAL HYPERTENSION

A. Vicario, G.H. Cerezo, P. Conti, P. Forcada, A.E. De Cerchio, M. Llorens, P. Sposito, G.D. Waisman, M. Morales, M.A. Perez
 Buenos Aires, ARGENTINA

12.00 ▀ EFFECT OF PULSATILITY IN CENTRAL AORTA ON CEREBRAL BLOOD FLOW WITH ADVANCING AGE AND HYPERTENSION

M. Kim, I. Tan, M. Butlin, A. Avolio
 Sydney, AUSTRALIA

12.10 ▀ EFFECT OF STENTING ON BLOOD PRESSURE IN HYPERTENSIVE PATIENTS WITH SYMPTOMATIC PROXIMAL SUBCLAVIAN OR VERTEBRAL ARTERY STENOSIS

X. Jiang, W. Che, H. Dong, H. Xiong, Y. Zou, L. Liu
 Beijing, CHINA

12.20 ▀ VASCULAR AND NON-VASCULAR PREDICTORS OF COGNITIVE DETERIORATION IN HYPERTENSIVE PATIENTS

G. Cerezo, A. Vicario, F. Taragano, F. Risso Patron, J. Romano, R. Plunkett, N. Lodolo, R. Flores
 Buenos Aires, ARGENTINA

11.00-12.00**ROOM C1****Minisymposium**

Supported by **Menarini Group**

THE EVER-EVOLVING STORY. BP CONTROL AND BEYOND - EFFECTIVENESS RECONFIRMED OVERTIME

Chairpersons: G. Mancia (Milan, ITALY), K. Tsoufis (Athens, GREECE)

11.00 Introduction

G. Mancia (Milan, ITALY)

11.05 Overcoming antihypertensive efficacy, keeping an eye on survivance

C. Borghi (Bologna, ITALY)

11.25 Introduction 2

K. Tsoufis (Athens, GREECE)

11.30 When "Unity is strength": the advantages of drug association

K. Narkiewicz (Gdansk, POLAND)

11.50 Interactive Session

C. Borghi (Bologna, ITALY)

Portuguese Session

PARTICULARIDADES DA HIPERTENSÃO NOS PAÍSES DE LÍNGUA PORTUGUESA

Moderadores: M. de Carvalho Rodrigues (Lisbon, PORTUGAL),
F. Pinto (Santa Maria da Feira, PORTUGAL)

11.00 Abertura e introdução

11.05 Questões económicas na abordagem do risco cardiovascular global
L. Martins (Santa Maria da Feira, PORTUGAL)

11.20 Orientações/Guias na Hipertensão: quais as diferenças?
E. Barbosa (Porto Alegre, BRAZIL)

11.35 Evolução dos fatores de risco cardiovascular em Mozambique: desafios futuros
A. Damasceno (Maputo, MOZAMBIQUE)

11.50 Associações de anti-hipertensores na hipertensão resistente
R.M. Pova (São Paulo, BRAZIL)

12.05 Estratégias no tratamento da hipertensão no acidente vascular cerebral agudo e crónico: estado da arte
V. Paixão Dias (Porto, PORTUGAL)

12.20 Discussão e conclusões

12.45-14.15

ROOM A1

Teaching Seminar

SESSION 2

Chairpersons: M. Böhm (Homburg/Saar, GERMANY), D.L. Clement (Ghent, BELGIUM)

12.45 Renal nerve ablation: do we have the final conclusion?

R.E. Schmieder (Erlangen, GERMANY)

13.00 Discussion

13.05 Do we need an echocardiogram in all “new” hypertensive patients?

T. de Backer (Ghent, BELGIUM)

13.20 Discussion

13.25 Should we measure pulse wave velocity in all hypertensive patients?

C. Vlachopoulos (Athens, GREECE)

13.40 Discussion

13.45 Clinical value of intima-media thickness

S. Laurent (Paris, FRANCE)

14.00 Discussion

14.05 General Discussion

Satellite Symposium

Supported by **Merck KGaA**

THE IMPACT OF SYMPATHETIC OVERDRIVE (SO) ALONG THE CARDIOVASCULAR CONTINUUM

Chairperson: G. Mancia (Milan, ITALY)

12.45 Welcome and introduction

G. Mancia (Milan, ITALY)

12.50 New US Hypertension guidelines and the European position. What about Sympathetic Overdrive/Heart Rate?

G. Mancia (Milan, ITALY)

13.15 Sympathetic Overdrive and Heart Rate along the CV continuum (special focus on HR and the forgotten link to CAD)

B. Egan (Greenville-SC, USA)

13.40 Pharmacological intervention with beta blockers in hypertension and angina, real world evidence for long-term effectiveness

G. Grassi (Milan, ITALY)

14.05 Panel Discussion

12.45-14.15

ROOM B2

Joint Session

ESH (European Society of Hypertension)

ESO (European Stroke Organization)

HYPERTENSION AND CEREBRAL SMALL VESSELS DISEASE

Chairpersons: A. Coca (Barcelona, SPAIN), E. Manios (Athens, GREECE)

12.45 Hypertension, arterial stiffness and cerebral small vessel disease

A. Webb (Oxford, UNITED KINGDOM)

13.05 Blood pressure management in acute lacunar stroke

D. Hering (Gdansk, POLAND)

13.25 Hypertension, cerebral microbleeds and microinfarcts

P. Cunha (Guimarães, PORTUGAL)

13.45 Reorganisation of cerebral blood flow in hypertension

D. Gasecki (Gdansk, POLAND)

14.05 Discussion

12.45-14.15

ROOM C1

Parallel Oral Session 5A

LIFESTYLE CHANGES, LIPIDS, SALT

Chairpersons: M. Doménech (Barcelona, SPAIN), I. Zarifis (Thessaloniki, GREECE)

12.45 ■ ISOLATED NOCTURNAL HYPERTENSION HAD HIGHER 24-HOUR URINE SODIUM/POTASSIUM RATIO THAN NORMOTENSIONM.-Y. Rhee¹, K.I. Kim², D.Y. Nah³, N. Gu¹, K.C. Sung⁴, K.S. Hong⁵, E.J. Cho⁴, S.H. Jo⁶¹ Goyang, ² Gyeonggi-do, ³ Gyeongju, ⁴ Seoul, ⁵ Chuncheon, ⁶ Anyang, SOUTH KOREA**12.55 ■ BLOOD PRESSURE CHANGES IN AFRICAN MALES DURING APPLICATION FOR ASYLUM STATUS IN ITALY: A PILOT STUDY**R. Tavilla¹, E. Scali¹, G. Galanti², M. Boddì², P.A. Modesti^{1,2}¹ Prato, ² Florence, ITALY**13.05 ■ RANDOMIZED STUDY OF THE EFFECTS OF COCOA-RICH CHOCOLATE ON THE VASCULAR FUNCTION AND THE VENTRICLE-ARTERIAL COUPLING OF YOUNG AND HEALTHY ADULTS**T. Pereira¹, J. Bergqvist², B. Sveälv², J. Maldonado¹, J. Conde¹¹ Coimbra, PORTUGAL, ² Gothenburgh, SWEDEN

13.15 ▀ SINGLE VERSUS MULTIPLE 24-HOUR URINE COLLECTIONS FOR ESTIMATION OF LONG-TERM POTASSIUM INTAKE AND THE ASSOCIATED CARDIOVASCULAR RISK

R.H.G. Olde Engberink, H. Peters-Sengers, B.J.H. van den Born, L. Vogt
Amsterdam, THE NETHERLANDS

13.25 ▀ POSITIVE TRENDS IN AWARENESS OF HARMFUL EFFECTS OF HIGH SALT INTAKE - 10 YEARS CROATIAN ACTION ON SALT AND HEALTH (CRASH). DATA FROM 2008 AND 2017 WORLD HYPERTENSION DAYS

V. Domislovic¹, K. Dapic¹, B. Milicic¹, M. Matasin¹, N. Bukal², K. Capak¹, I. Drenjancevic³, M. Gulin⁴, V. Herceg Cavrak¹, A. Jelakovic¹, J. Josipovic¹, J. Kos¹, J. Radic⁵, M. Radovic¹, M. Stupin³, O. Velkovski Skopic¹, I. Vukovic Brinar¹, T. Zeljkovic Vrkic¹, Z. Reiner¹, B. Jelakovic¹

¹ Zagreb, ² Slavonski Brod, ³ Osijek, ⁴ Sibenik, ⁵ Split, CROATIA

13.35 ▀ EFFECT OF SALT INTAKE ON PLASMA AND URINARY URIC ACID LEVELS IN CHINESE ADULTS: AN INTERVENTIONAL TRIAL

Y. Wang, C. Chu, K.-K. Wang, J.-W. Hu, Y. Yan, Y.-B. Lv, Y.-M. Cao, W.-L. Zheng, X.-L. Dang, J.-T. Xu, W. Chen, Z.-Y. Yuan, J.-J. Mu
Xi An, CHINA

13.45 ▀ ACUTE EFFECT OF COFFEE ON AORTIC STIFFNESS AND WAVE REFLECTIONS IN HEALTHY INDIVIDUALS: DIFFERENTIAL EFFECT ACCORDING TO HABITUAL CONSUMPTION

N. Ioakeimidis, V. Tzifos, D. Terentes-Printzios, C. Georgakopoulos, N. Skliros, I. Koutagiar, S. Pantou, C. Vlachopoulos, D. Tousoulis
Athens, GREECE

13.55 ▀ LECTURE PHYSICAL EXERCISE IN HYPERTENSION

A. Pittaras
Athens, GREECE

12.45-13.45

ROOM C2

Sesión Científica en Español - SESIÓN 4

IMPACTO DEL SÍNDROME METABÓLICO EN LA SALUD CARDIOVASCULAR

Moderadores: R. Hernandez-Hernandez (Barquisimeto, VENEZUELA),
E. Vinyoles (Madrid, ESPAÑA)

12.45 Determinantes del síndrome metabólico en Latinoamérica

P. López-Jaramillo (Bucaramanga, COLOMBIA)

13.05 Epidemiología del síndrome metabólico en España

J.R. Banegas (Madrid, ESPAÑA)

13.25 Retos en el tratamiento multidisciplinar del síndrome metabólico

G.D. Waisman (Buenos Aires, ARGENTINA)

12.45-14.15

ROOM M2

Parallel Oral Session 5B

ENDOCRINE HYPERTENSION

Chairpersons: J. Menard (Paris, FRANCE), Y. Zhang (Beijing, CHINA)

12.45 ▀ PROSPECTIVE APPRAISAL ON THE PREVALENCE OF PRIMARY ALDOSTERONISM AND ITS SUBTYPES IN HYPERTENSIVE PATIENTS PRESENTING WITH ATRIAL FLUTTER OR FIBRILLATION: PAPPY STUDY

T.M. Seccia¹, C. Letizia², M.L. Muiesan³, S. Lerco¹, G. Maiolino¹, M. Cesari¹, V. Bisogni¹,
L. Petramala¹, G.P. Rossi¹

¹ Padua, ² Rome, ³ Brescia, ITALY

12.55 ▀ SENSITIVITY AND SPECIFICITY OF 24 HOURS URINARY 3-METHOXYTYRAMINES IN THE DIAGNOSIS OF MALIGNANT PHEOCHROMOCYTOMA AND PARAGANGLIOMA

M. Barigou¹, E. Billaud², A.P. Gimenez Requeplo², S. Baron⁴, G. Bobrie⁵, F. Zinzindohoue⁶,
A. Blanchard⁷, M. Azizi⁸, L. Amar⁹

¹ Boulogne Billancourt, ² Paris, FRANCE

13.05 ▀ RAAS TRIPLE A-TESTING: COMBINING LC-MS/MS BASED MOLECULAR PROFILING OF HYPERTENSION AND ADVANCED SCREENING FOR PRIMARY ALDOSTERONISM

M. Poglitsch, C. Schwager, D. Van Oyen, C. Ziegelmayer, O. Domenig
Vienna, AUSTRIA

13.15 ▀ CARDIOVASCULAR EVENTS AND TARGET ORGAN DAMAGE IN PRIMARY ALDOSTERONISM: A SYSTEMATIC REVIEW AND META-ANALYSIS

S. Monticone, F. D'Ascenzo, C. Moretti, T. A. Williams, F. Veglio, F. Gaita, P. Mulatero
Turin, ITALY

13.25 ▀ SEATED SALINE SUPPRESSION TESTING FOR THE DIAGNOSIS OF PRIMARY ALDOSTERONISM. A VALIDATION STUDY

M. Stowasser, A.H. Ahmed, D. Cowley, M. Wolley, B. Mcwhinney, J. Ungerer, R.D. Gordon
Brisbane, AUSTRALIA

13.35 ▀ PREVALENCE OF THE MAIN FORMS OF LOW RENIN HYPERTENSION: A RETROSPECTIVE, SINGLE CENTER STUDY

Q. Luo, N. Li
Urumqi, CHINA

13.45 ▀ ALDOSTERONE INDUCES CYP11B2 GENE EXPRESSION VIA GPER-1 ACTIVATION IN HUMAN ADRENOCORTICAL CELL (HAC15) AND STRIPS FROM ALDOSTERONE PRODUCING ADENOMA

B. Caroccia, T.M. Seccia, M. Piazza, F. Delfino, G.P. Rossi
Padua, ITALY

13.55 ▀ ADRENAL VENOUS SAMPLING: THE GOLD-STANDARD FOR SURGICAL INDICATION IN PRIMARY ALDOSTERONISM

N. Martell-Claros, M. Losada-Zafrilla, M. Abad-Cardiel, J.A. García-Donaire, B. Alvarez-Alvarez
Madrid, SPAIN

14.05 ▀ URINARY POTASSIUM LOSS INDUCED BY HYPERALDOSTERONE SECRETION ASSOCIATED WITH DIABETES MELLITUS PREVALENCE IN HYPERTENSIVE PATIENTS

M. Wang, N. Li, Q. Luo
Urumqi, CHINA

14.15-15.45

ROOM A1

Joint Session

ESH (European Society of Hypertension)

ESC (European Society of Cardiology)

ADVANCES IN HYPERTENSIVE HEART DISEASE

Chairpersons: G. Parati (Milan, ITALY), K. Tsioufis (Athens, GREECE)

14.15 Cardiac Magnetic Resonance in the evaluation of hypertensive heart disease

A.M. Maceira (Valencia, SPAIN)

14.35 New insights in echocardiographic evaluation of hypertension

G. De Simone (Naples, ITALY)

14.55 Atrial fibrillation as a surrogate endpoint in hypertension

C. Ferri (L'Aquila, ITALY)

15.15 Uric acid and cardiovascular disease

C. Borghi (Bologna, ITALY)

15.35 Discussion

Joint Session

ESH (European Society of Hypertension)

KSH (Korean Society of Hypertension)

NEW TREATMENT STRATEGIES FOR HYPERTENSION: INITIAL MONOTHERAPY VS. INITIAL COMBINATION THERAPY

Chairpersons: M.-C. Cho (Cheongju, SOUTH KOREA), R. Kreutz (Berlin, GERMANY)

14.15 Initial combination therapy for most patients: the challenge

M. Burnier (Lausanne, SWITZERLAND)

14.35 Changing trends of monotherapy and combination therapy in Korea

H.C. Kim (Seoul, SOUTH KOREA)

14.55 Which drugs should be preferred for initial combination therapy in Europe?

A.J. Manolis (Athens, GREECE)

15.15 Preferred drugs for initial combination therapy in Asia: are there differences between east and the west? Lessons from global collaborative research through OHDSI network

S. Park (Seoul, SOUTH KOREA)

15.35 Discussion

14.30-16.00

ROOM B1

Joint Session

ESH (European Society of Hypertension)

CHL (Chinese Hypertension League)

ASSESSMENT AND MANAGEMENT OF HYPERTENSION AND CARDIOMETABOLIC RISK

Chairpersons: E. Agabiti Rosei (Brescia, ITALY), J. Wang (Shanghai, CHINA)

14.30 How to assess arterial damage in patients with the metabolic syndrome

P. van de Borne (Brussels, BELGIUM)

14.50 When initiate pharmacological treatment and BP targets to be achieved in patients with the metabolic syndrome

Y. Zhang (Beijing, CHINA)

15.10 Hypertension in adolescents: different impact in Europe and China?

E. Lurbe (Valencia, SPAIN)

15.30 Diabetes and hypertension in China

J. Wang (Shanghai, CHINA)

15.50 Discussion

14.30-14.50

ROOM B2

Lecture

Chairperson: D.L. Clement (Ghent, BELGIUM)

Update in the treatment of peripheral artery disease

T. Kahan (Stockholm, SWEDEN)

14.30-15.30

ROOM C1

Minisymposium

Supported by **ReCor Medical**

THE RADIANCE-HTN TRIAL: INITIAL RESULTS FROM A RANDOMIZED, SHAM-CONTROLLED EVALUATION OF RENAL DENERVATION FOR ESSENTIAL AND RESISTANT HYPERTENSION

Chairperson: M. Azizi (Paris, FRANCE)

14.30 The RADIANCE-HTN Trial - Initial Results from the Essential Hypertension (SOLO) Cohort

M. Azizi (Paris, FRANCE)

14.50 ReCor Paradise® Technology: Unique Features of Renal Denervation using Ultrasound Energy

F. Mahfoud (Hamburg, GERMANY)

15.10 The Clinical Implications of RADIANCE-HTN SOLO

R.E. Schmieder (Erlangen, GERMANY)

14.30-15.30

ROOM C2

Minisymposium in Spanish Language

Supported by **Ferrer**

LA POLIPÍLDORA COMO ESTRATEGIA DE SALUD PÚBLICA EN PREVENCIÓN CARDIOVASCULAR

Moderadores: A. Coca (Barcelona, ESPAÑA), F. Wyss (Guatemala City, GUATEMALA)

14.30 Novedades y retos en la Prevención Cardiovascular

J.M. Castellano Vázquez (Madrid, ESPAÑA)

14.45 Uso real de fármacos cardiovasculares y prevención de morbilidad: el estudio SATURNO

J. Redon (Valencia, ESPAÑA)

15.00 Posición de las guías Latinoamericanas para mejorar la adherencia al tratamiento en prevención cardiovascular

P. López-Jaramillo (Bucaramanga, COLOMBIA)

15.15 La experiencia Mexicana: inclusión de la polipíldora en las estrategias de salud pública

E. Gómez-Alvarez (México DF, MÉXICO)

15.00-16.30

ROOM B2

Clinical Cases

in cooperation with **Hypertension, an American Heart Association Journal**

CLINICAL-PATHOLOGICAL CONFERENCE

Chairpersons: A.F. Dominiczak (Glasgow, UNITED KINGDOM),
G. Jennings (Sydney, AUSTRALIA)

15.00 Unifocal and multifocal FMD: two different disease entities in a single patient?

A.A. Kroon (Maastricht, THE NETHERLANDS),
D. Van Twist (Sittard, THE NETHERLANDS)

15.45 Drug Resistant Hypertension: an Intriguing Case

G. Maiolino (Padua, ITALY), G.P. Rossi (Padua, ITALY)

15.45-16.45

ROOM A1

Topical Workshop on Hot Issues

NUTRITION, ENVIRONMENT AND BLOOD PRESSURE

Chairpersons: C. Borghi (Bologna, ITALY), A. Januszewicz (Warsaw, POLAND)

15.45 Particulate matter, air pollution and hypertension

C. Grassos (Athens, GREECE)

16.00 The effect of environmental, traffic and aircraft noise on cardiovascular diseases: systematic review

M. Rajzer (Kraków, POLAND)

16.15 The "nutritional pollution": salt intake, BP and stroke

J. Polonia (Porto, PORTUGAL)

16.30 Discussion

15.45-16.45

ROOM B3

How-to Session

HOW TO ASSESS RETINAL VASCULAR CHANGES IN HYPERTENSION

Chairperson: G. Coll de Tuero (Girona, SPAIN)

D. Rizzoni (Brescia, ITALY), R.E. Schmieder (Erlangen, GERMANY)

15.45-16.45

ROOM C1

Late-Breakers

SESSION 2

Chairpersons: J. Menard (Paris, FRANCE), M. Viigimaa (Tallinn, ESTONIA)

15.45 ▀ PERFORMANCE OF THE AAP 2017 GUIDELINE SIMPLE TABLE ON BP SCHOOL-BASED SCREENING IN A EUROPEAN POPULATIONS. Stabouli, T. Nika, K. Kollios, C. Antza, I. Doundoulakis, V. Kotsis
*Thessaloniki, GREECE***15.55 ▀ DIFFERENCES IN THE PREVALENCE OF BLOOD PRESSURE CONDITIONS USING ESH VS AAP GUIDELINES IN CHILDREN AND ADOLESCENTS**E. Lurbe^{1,2}, M.I. Torro^{1,2}, F. Aguilar^{1,2}, J. Redon^{1,2}, J. Alvarez-Pitti^{1,2}, P. Redon^{1,2}
¹ Madrid, ² Valencia, SPAIN**16.05 ▀ POTENTIAL IMPACT OF THE 2017 ACC/AHA HIGH BLOOD PRESSURE GUIDELINE IN NORMOTENSIVE PATIENTS WITH STABLE CORONARY ARTERY DISEASE: INSIGHTS FROM THE CLARIFY REGISTRY**E. Vidal-Petiot¹, E. Sorbets¹, D. Bhatt², G. Ducrocq¹, Y. Elbez¹, R. Ferrari³, I. Ford⁴, J.-C. Tardif⁵, M. Tendera⁶, K. Fox⁷, P.G. Steg¹
¹ Paris, FRANCE, ² Boston, MA, USA, ³ Cotignola, ITALY, ⁴ Glasgow, UNITED KINGDOM, ⁵ Montreal, CANADA, ⁶ Katowice, POLAND, ⁷ London, UNITED KINGDOM**16.15 ▀ COMPARATIVE EFFECTIVENESS OF TWO-DRUG THERAPY VERSUS MONOTHERAPY AS INITIAL REGIMEN IN HYPERTENSION: A PROPENSITY-SCORE MATCHED COHORT STUDY IN A LARGE PRIMARY CARE DATABASE**G. Mancia¹, K. Marinier², P. Macouillard³, M. De Champvallins², N. Deltour², N. Poulter⁴
¹ Milan, ITALY, ² Suresnes, ³ Neuilly sur Seine, FRANCE, ⁴ London, UNITED KINGDOM

16.25 ▀ INTERVENTIONS TO IMPROVE CONTROL OF HYPERTENSION. WHAT WORKS (AND WHAT DOESN'T)?

C. Clark¹, L. Smith², L. Cloutier³, J. Konya¹, S. Todkar³, S. McDonagh¹, O. Clark⁴, L. Glynn⁵, R. Taylor¹, J. Campbell¹

¹ Exeter, ² West Coker, UNITED KINGDOM, ³ Trois-Rivières, CANADA,

⁴ Southampton, UNITED KINGDOM, ⁵ Limerick, IRELAND

16.35 ▀ A COMPARISON BETWEEN USUAL OFFICE AND FOUR OTHER METHODS TO EVALUATE BLOOD PRESSURE (BP-TRUE, HBPM, ABPM AND CBP) DURING 3 YEARS FOLLOW-UP

L.M. Ruilope¹, C. Brotons Cuixart², L. Quevedo-Aguado¹, J. Segura¹, P. Martinez¹, G. Ruiz-Hurtado¹, I. Moral², E. Calvo-Bonacho¹

¹ Madrid, ² Barcelona, SPAIN

15.45-16.45**ROOM C2****Meet-the-Expert****MicroRNAs IN THE PATHOGENESIS OF HYPERTENSION AND ORGAN DAMAGE**

Chairperson: T. Unger (Maastricht, THE NETHERLANDS)

Experts: C. Delles (Glasgow, UNITED KINGDOM), M. Marketou (Heraklion, GREECE)

16.10-16.30**ROOM B1****Lecture**

Chairperson: L.M. Ruilope (Madrid, SPAIN)

What is a normal blood pressure?

T.F. Luscher (London, UNITED KINGDOM)

Plenary Session

16.45 Presentation of Awards

Chairpersons: A. Coca (Barcelona, SPAIN), R. Kreutz (Berlin, GERMANY),
E. Lurbe (Valencia, SPAIN), K. Tsioufis (Athens, GREECE)

Björn Folkow Award

D.N. Müller (Berlin, GERMANY)

Alberto Zanchetti Life Achievement Award

S.E. Kjeldsen (Oslo, NORWAY)

ESH Honorary Membership

P. López-Jaramillo (Bucaramanga, COLOMBIA)

Talal Zein Award

C. Thomopoulos (Athens, GREECE)

Paul Milliez Award

M. Beaufils (Paris, FRANCE)

17.15 Björn Folkow Award Lecture

D.N. Müller (Berlin, GERMANY)

17.35 Debate: Definition of hypertension in 2018

Chairperson: A.F. Dominiczak (Glasgow, UNITED KINGDOM)

The ACC/AHA guidelines

P.K. Whelton (New Orleans, LA, USA)

The ESC/ESH guidelines

G. Mancia (Milan, ITALY)

17.55 Presidential Lecture

Chairperson: E. Agabiti Rosei (Brescia, ITALY)

Nervous system and hypertension. Pathophysiology and therapeutic horizons

K. Tsioufis (Athens, GREECE)

07.45-08.45

ROOM B2

Breakfast Workshop

SEXUAL DYSFUNCTION, HYPERTENSION AND CARDIOVASCULAR RISK

Chairpersons: P. Fernandez-Llama (Barcelona, SPAIN), P. Zebekakis (Thessaloniki, GREECE)

07.45 Erectile dysfunction as a cardiovascular risk factor

M. Viigimaa (Tallinn, ESTONIA)

08.05 PDE-5 Inhibitors and the cardiovascular system

M. Doulas (Thessaloniki, GREECE)

08.25 Discussion

07.45-08.45

ROOM B3

Breakfast Workshop

PSYCHOLOGICAL STRESS IN HYPERTENSION

Chairpersons: K. Narkiewicz (Gdansk, POLAND), P. van de Borne (Brussels, BELGIUM)

07.45 Neurocognitive function in hypertensive children

B. Falkner (Philadelphia, PA, USA)

08.05 Impact of stress and anxiety in hypertension

M. Salvetti (Brescia, ITALY)

08.25 Discussion

07.45-08.45

ROOM C1

Breakfast Workshop

COGNITIVE IMPAIRMENT AND DEMENTIA IN HYPERTENSION

Chairpersons: P. Cunha (Guimarães, PORTUGAL), D. Lovic (Niš, SERBIA)

07.45 Trends in the impact hypertension-induced cognitive dysfunction

E. Manios (Athens, GREECE)

08.05 Blood pressure management to reduce the global burden of cognitive dysfunction

D. Hering (Gdansk, POLAND)

08.25 Discussion

07.45-08.45

ROOM C2

Breakfast Workshop in Spanish Language

HIPERTENSIÓN EN LA MUJER

Moderadores: M. Abad-Cardiel (Madrid, ESPAÑA), M. Díaz (Montevideo, URUGUAY)

07.45 ¿Existen diferencias reales entre la hipertensión en una mujer y en un hombre?

A. Oliveras (Barcelona, ESPAÑA)

08.05 Hipertensión y enfermedad coronaria en la mujer

D.I. Molina (Caldas, COLOMBIA)

08.25 Discusión

Parallel Oral Session 6A

EPIDEMIOLOGY OF HYPERTENSION AND METABOLIC DISORDERS

Chairpersons: J. Brguljan (Ljubljana, SLOVENIA), A. Vicario (Buenos Aires, ARGENTINA)

08.50 ▀ LEFT VENTRICULAR DIASTOLIC FUNCTION IN RELATION TO SODIUM DIETARY INTAKE AND RENAL HANDLING

W. Wiktorja, K. Stolarz-Skrzypek, A. Olszanecka, A. Bednarski, H. Barton, M. Foltá, K. Kawecka-Jaszcz, D. Czarnecka
Kraków, POLAND

09.00 ▀ TREATMENT OF STAGE 1, LOW RISK HYPERTENSION IS ASSOCIATED WITH REDUCTION IN CARDIOVASCULAR MORTALITY: A KOREAN NATIONAL COHORT STUDY

C.J. Lee¹, J. Ryu², J. Oh¹, S. Lee¹, S. Kang¹, J. Hwang², S. Park¹
¹ Seoul, ² Gyeongbuk, SOUTH KOREA

09.10 ▀ EARLY ONSET HYPERTENSION IS ROBUSTLY ASSOCIATED WITH HYPERTENSIVE ORGAN DAMAGE

K. Suvila¹, E. McCabe², S. Cheng², T. Niiranen¹
¹ Turku, FINLAND, ² Boston, NY, USA

09.20 ▀ PROGNOSTIC VALUE OF URIC ACID IN RELATION TO DIFFERENT AMBULATORY BLOOD PRESSURE COMPONENTS IN THE ABP-INTERNATIONAL STUDY

G. Reboldi¹, P. Verdecchia², F. Angeli¹, L. Beilin³, K. Eguchi⁴, Y. Imai⁵, K. Kario⁴, T. Ohkubo⁶, S. Pierdomenico⁷, J. Schwartz⁸, L. Wing⁹, P. Palatini¹⁰
¹ Perugia, ² Assisi, ITALY, ³ Perth, AUSTRALIA, ⁴ Tochigi, ⁵ Sendai, ⁶ Otsu, JAPAN, ⁷ Chieti, ITALY, ⁸ New York, NY, USA, ⁹ Adelaide, AUSTRALIA, ¹⁰ Padua, ITALY

09.30 ▀ DETERMINANTS OF WHITE MATTER HYPERINTENSITY IN A COMMUNITY-BASED POPULATION STUDY: THE ROLE OF HIGH BLOOD PRESSURE AND LOW CAROTID FLOW

H.-M. Cheng¹, S. Chuang², A. Hwang¹, L. Chen¹, C. Chen¹, P. Wang¹
¹ Taipei, ² Miaoli, TAIWAN

09.40 ▀ PROGNOSTIC VALUE OF CLINIC, HOME AND AMBULATORY PULSE PRESSURE IN THE GENERAL POPULATION. DATA FROM THE PAMELA STUDY

M. Bombelli¹, R. Facchetti¹, G.L. Serravalle¹, M. Tadic², G. Grassi¹, G. Mancia¹
¹ Milan, ITALY, ² Berlin, GERMANY

09.50 ▀ NATIONAL PREVALENCE OF HYPERTENSION, TREATMENT AND CONTROL, IN FRANCE IN 2015 AND TEMPORAL TRENDS SINCE 2006

A.L. Perrine¹, C. Lecoivre¹, J. Blacher², V. Olié¹
¹ Saint-Maurice, ² Paris, FRANCE

10.00 ▀ INTERACTION BETWEEN LDL-CHOLESTEROLEMIA, SERUM URIC LEVEL AND INCIDENT HYPERTENSION: DATA FROM THE BRISIGHELLA HEART STUDY

A.F.G. Cicero, F. Fogacci, M. Giovannini, S. D'Addato, E. Grandi, C. Borghi
Bologna, ITALY

10.10 ▀ PREVALENCE, TREATMENT AND ASSOCIATED FACTORS OF HYPERTENSION IN URBAN AND RURAL AREAS OF SPAIN

A. Corbatón Anchuelo, M.T. Martínez Larrad, N. Del Prado González, C. Fernández Pérez, R. Gabriel Sánchez, M. Serrano Ríos
Madrid, SPAIN

10.20 ▀ IMPACTS OF THE NEW 2017 ACC/AHA HYPERTENSION GUIDELINE ON THE PREVALENCE OF BRACHIAL HYPERTENSION AND ITS CONCORDANCE WITH CENTRAL HYPERTENSION

C.H. Chen¹, S.-Y. Chuang², H.-M. Cheng¹, H.Y. Chang², W.H. Pan¹
¹ Taipei, ² Miaoli, TAIWAN

10.30 ▀ GENETIC ANALYSIS OF OVER ONE MILLION PEOPLE IDENTIFIES 535 NOVEL LOCI ASSOCIATED WITH BLOOD PRESSURE AND RISK OF CARDIOVASCULAR DISEASE

H.R. Warren¹, E. Evangelou^{1,2}, D. Mosen¹, B. Mifsud¹, R. Pazoki¹, H. Gao¹, G. Ntritsos², N. Dimou², M. Evangelou¹, J. Hellwege³, A. Giri³, T. Esko⁴, A. Metspalu⁴, I. Tzoulaki¹, M.R. Barnes¹, L.V. Wain⁵, P. Elliott¹, M.J. Caulfield¹
¹ London, UNITED KINGDOM, ² Ioannina, GREECE, ³ Nashville, TN, USA, ⁴ Tartu, ESTONIA, ⁵ Leicester, UNITED KINGDOM

10.40 ▀ GENOMIC LOCI THAT INFLUENCE BLOOD PRESSURE: USING HAPLOTYPE ANALYSIS AND 1000 GENOMES PROJECT DATA TO INTEGRATE ASSOCIATION FINDINGS FROM LOCAL POPULATION STUDIES

J. Gallo^{1,2}, J. Ochoa³, E. Misas¹, G. Bedoya¹, G. Parati³, D. Aristizabal¹, J. McEwen¹, O. Clay^{1,2}
¹ Medellin, ² Bogota, COLOMBIA, ³ Milan, ITALY

Parallel Oral Session 6B

HEART AND HAEMODYNAMICS

Chairpersons: S. Douma (Thessaloniki, GREECE), A. Morganti (Milan, ITALY)

08.50 ▀ THE RELATION BETWEEN INSULIN RESISTANCE AND LONGITUDINAL CHANGES IN LEFT VENTRICULAR STRUCTURE AND FUNCTION IN A GENERAL POPULATION

N. Cauwenberghs¹, J. Knez², L. Thijs¹, F. Haddad³, W.Y. Yang¹, F.F. Wei¹, T. Vanassche¹, J.A. Staessen¹, T. Kuznetsova¹

¹ Leuven, BELGIUM, ² Ljubljana, SLOVENIA, ³ Stanford, CA, USA

09.00 ▀ RELATIONSHIP OF CARDIAC MAGNETIC RESONANCE-DERIVED MYOCARDIAL FIBROSIS WITH CARDIAC GEOMETRY AND STRAIN IN HYPERTENSIVE HEART DISEASE

G. Pichler¹, F. Martínez García¹, A. Ruiz Hernandez¹, A. Belmonte Domingo¹, O. Calaforra Juan¹, E. Solaz Moreno¹, M. San Andrés Marco², J. Redon¹, A. Maceira¹

¹ Valencia, ² Barcelona, SPAIN

09.10 ▀ CARDIOVASCULAR REMODELING IN MILD HYPERTENSION: ROLE OF SOLUBLE RECEPTOR FOR ADVANCED GLYCATION END PRODUCTS

A. Grossi, R. Corso, N. Tandurella, S. Moretti, G. Cavallaro, L. Robustelli Test, M. Agostinis, V. Pierobon, L. Tavecchia, V. Mancuso, C. Mongiardi, L. Montalbetti, L. Guasti, A.M. Grandi, A.M. Maresca
Varese, ITALY

09.20 ▀ LECTURE**CARDIOVASCULAR DISEASE IN WOMEN: CLINICAL PERSPECTIVES**

C. Giannattasio

Milan, ITALY

09.40 ▀ THE ASSOCIATION OF EXAGGERATED EXERCISE AND 24H BLOOD PRESSURE WITH LEFT VENTRICULAR HYPERTROPHY IN NORMOTENSIVE MEN AND WOMEN ADJUSTED FOR CARDIORESPIRATORY FITNESS

A. Pittaras¹, P. Kokkinos², M. Doulas², P. Narayan², H. Grassos¹, M. Kallistratos¹, M. Papavasiliou¹, L. Kouremenos¹, K. Kyfnidis¹, L. Poulimenos¹, G. Pyriovoli¹, A. Manolis¹, C. Faselis²

¹ Athens, GREECE, ² Washington, DC, USA

09.50 ▀ PRE-HYPERTENSION AND SUBCLINICAL CARDIAC DAMAGE: A META-ANALYSIS OF ECHOCARDIOGRAPHIC STUDIES

C. Cuspidi¹, C. Sala¹, M. Tadic², E. Gherbesi¹, G. Grassi¹, G. Mancia¹

¹ Milan, ITALY, ² Berlin, GERMANY

10.00 ▀ PULSE PRESSURE AMPLIFICATION AND AUGMENTATION INDEX IN ASSOCIATION WITH CARDIAC STRUCTURAL AND FUNCTIONAL DAMAGE: THE NORTHERN SHANGHAI STUDY

S. Yu¹, Y. Lu¹, J. Xiong¹, H. Ji¹, J. Teliewubai¹, B. Bai¹, Y. Zhou¹, X. Fan¹, J. Blacher², J. Li¹, Y. Zhang¹, Y. Xu¹

¹Shanghai, CHINA, ²Paris, FRANCE

10.10 ▀ THE INFLUENCE OF GENDER ON LEFT VENTRICULAR MECHANICS IN HYPERTENSIVE PATIENTS

M. Tadic¹, C. Cuspidi², V. Celic¹, B. Ivanovic¹, B. Pencic¹, G. Grassi²

¹Belgrade, SERBIA, ²Milan, ITALY

10.20 ▀ ASSESSEMENT OF MYOCARDIAL MECHANOENERGETIC EFFICIENCY IN PATIENTS WITH PRIMARY ALDOSTERONISM

F. Bertacchini, A. Paini, M. Salvetti, D. Stassaldi, G. Maruelli, C. Agabiti Rosei, C. Aggiusti, M. Riviera, E. Agabiti Rosei, M.L. Muiesan

Brescia, ITALY

10.30 ▀ INTRACARDIAC AND PERIPHERAL CIRCULATING ENDOTHELIAL MICROPARTICLES ARE ASSOCIATED WITH CENTRAL SYSTOLIC BLOOD PRESSURE IN PATIENTS WITH CORONARY ARTERY DISEASE

E. Gkaliagkousi, E. Gavriilaki, I. Vasileiadis, E. Yannaki, A. Mavrogianni, K. Tsiakmakopoulos, B. Nikolaidou, P. Anyfanti, D. Markala, I. Zarifis, S. Douma

Thessaloniki, GREECE

10.40 ▀ NT-PROBNP COMBINED WITH R WAVE IN AVL LEAD PREDICTS MORTALITY BETTER THAN ECHOCARDIOGRAPHIC LEFT VENTRICULAR MASS IN HYPERTENSION

P.-Y. Courand, A. Grandjean, C. Mouly-Bertin, M. Serraille, B. Harbaoui, P. Lantelme

Lyon, FRANCE

Parallel Oral Session 6C

LARGE ARTERIES

Chairpersons: C. Farsang (Budapest, HUNGARY), M.L. Muiesan (Brescia, ITALY)

08.50 ▀ ARTERIAL STIFFNESS INDEPENDENTLY PREDICTS STROKE IN PATIENTS WITH ESSENTIAL HYPERTENSION: DATA FROM A GREEK 8-YEARS-FOLLOW-UP STUDY

K. Dimitriadis, K. Tsioufis, D. Konstantinidis, T. Kalos, I. Liatakis, E. Koutra, M. Kouremeti, L. Nikolopoulou, E. Andrikou, D. Tousoulis
Athens, GREECE

09.00 ▀ DETERMINANTS OF ARTERIAL STIFFNESS IN A YOUNG URBAN POPULATION FROM SWEDEN: THE ROLE OF LIFESTYLE AND SOCIAL FACTORS

P.M. Nilsson, N. Karabasevic, S. Amo Olsson
Malmö, SWEDEN

09.10 ▀ DIFFERENTIAL CHARACTERISTICS OF AORTIC BLOOD PRESSURE AND CAROTID BLOOD FLOW AUGMENTATION: ASSOCIATIONS WITH AORTIC STIFFNESS AND IMPLICATIONS FOR MICROVASCULAR BRAIN DAMAGE

J. Hashimoto¹, B. Westerhof², S. Ito¹
¹ Sendai, JAPAN, ² Amsterdam, THE NETHERLANDS

09.20 ▀ PCSK9 LEVELS ARE ASSOCIATED WITH CENTRAL HEMODYNAMICS AND SUBCLINICAL ATHEROSCLEROSIS

D. Terentes-Printzios, C. Vlachopoulos, I. Koutagiar, I. Skoumas, A. Miliou, A. Rigatou, C. Georgakopoulos, N. Skliros, D. Tousoulis
Athens, GREECE

09.30 ▀ ABNORMAL FLOW PATTERN AND GEOMETRY ARE INTERRELATED AND CONTRIBUTE TO PROXIMAL DESCENDING AORTA DILATION IN MARFAN PATIENTS: A 4D FLOW MRI STUDY

A. Guala, L. Dux-Santoy, A. Ruiz-Muñoz, J. Rodriguez-Palomares, G. Maldonado, N. Villalva, R. Fernandez, F. Valente, L. Gutierrez, L. Galian, D. Garcia-Dorado, A. Evangelista, G. Teixido-Tura
Barcelona, SPAIN

09.40 ▀ PREDICTION OF TOTAL AND CAUSE-SPECIFIC MORTALITY, AS WELL AS CARDIOVASCULAR MORBIDITY, IN THE ELDERLY BY CAROTID-FEMORAL PULSE WAVE VELOCITY: THE MALMO DIET CANCER STUDY

P.M. Nilsson, H. Fatehali, M. Gottsäter, G. Engström
Malmö, SWEDEN

09.50 ▀ PULSE WAVE VELOCITY PROGRESSION OVER A 3.7 YEARS FOLLOW-UP: FOCUS ON METABOLIC SYNDROME

A. Maloberti¹, P. Vallerio¹, L. D'Angelo¹, R. Facchetti¹, L. Occhi¹, F. Panzeri¹, D. Sirico¹, A. Buono¹, L. Giupponi¹, N. Triglione¹, B. Lopez Montero¹, M. Casati², S. Signorini³, A. Moreo¹, G. Grassi¹, C. Giannattasio¹
¹ Milan, ² Monza, ³ Desio, ITALY

10.00 ▀ CHILDHOOD-ONSET TAKAYASU ARTERITIS IN COMPARISON WITH ADULT-ONSET TAKAYASU ARTERITIS

L. Fan, H.M. Zhang, J. Cai
Beijing, CHINA

10.10 ▀ INFLUENCE OF HIV INFECTION AND ANTIRETROVIRAL THERAPY ON AORTIC STIFFNESS: A META-ANALYSIS

G. Mule', G.J. Mule', G. Geraci, P. Colletti, G. Mazzola, C. Colomba, S. Cottone, A. Cascio
Palermo, ITALY

10.20 ▀ FREQUENCY OF CERVICAL AND INTRACRANIAL ARTERIES LESIONS AND ASSOCIATED CLINICAL SYMPTOMS IN PATIENTS WITH CONFIRMED RENAL FIBROMUSCULAR DYSPLASIA. ARCADIA-POL STUDY

L. Swiatlowski¹, E. Warchol-Celinska², K. Kowalczyk², M. Januszewicz², E. Florczak², A. Prejbisz², K. Jozwik-Plebanek², I. Michalowska², H. Witowicz², I. Kurkowska-Jastrzebska², M. Adamczak³, I. Pajak⁴, M. Kabat², P. Odrowaz-Pieniazek⁵, L. Tekieli⁵, B. Wozakowska-Kaplon⁶, L. Stefanczyk⁷, T. Przewlocki⁵, A. Januszewicz², M. Szczerbo-Trojanowska¹
¹ Lublin, ² Warsaw, ³ Katowice, ⁴ Wrocław, ⁵ Kraków, ⁶ Kielce, ⁷ Łódź, POLAND

10.30 ▀ IDENTIFICATION OF RADIAL VASCULAR WALL ABNORMALITIES BY VERY-HIGH FREQUENCY ULTRASOUND IN FIBROMUSCULAR DYSPLASIA AND SPONTANEOUS CORONARY ARTERY DISSECTION: THE FUCHSIA STUDY

R.M. Bruno¹, N. Di Lascio¹, A. Al Hussaini², D. Guarino¹, S. Vitali¹, P. Rossi¹, D. Caramella¹, S. Taddei¹, F. Faita¹, L. Ghiadoni¹, D. Adlam², A. Persu³, S. Laurent⁴, P. Boutouyrie⁴
¹ Pisa, ITALY, ² Leicester, UNITED KINGDOM, ³ Brussels, BELGIUM, ⁴ Paris, FRANCE

10.40 ▀ CAN MEASURES OF VASCULAR COMPLIANCE BE USED TO PREDICT SARCOPENIA IN THE ELDERLY?

F.A. Kirkham¹, E. Bunting¹, F. Fantin², F. Kern¹, M. Zamboni², C. Rajkumar¹
¹ Brighton, UNITED KINGDOM, ² Verona, ITALY

09.00-10.30

ROOM A1

The Balkanian Symposium

MEETING OF YOUNG RESEARCHERS FROM BALKAN COUNTRIES' EXCELLENCE CENTRES

Chairpersons: Z. Dika (Zagreb, CROATIA), M. Dorobantu (Bucharest, ROMANIA),
D. Lovic (Niš, SERBIA), S. Sokolovic (Sarajevo, BOSNIA AND HERZEGOVINA)

09.00 Cardiovascular risk of young Romanian hypertensive population: data from SEPHAR surveys

O.-F. Tautu (Bucharest, ROMANIA)

09.15 Uromodulin, UMOD gene rs13333226 and blood pressure in subjects with normal kidney function

K. Dapic (Zagreb, CROATIA)

09.30 Myocardial and peripheral blood mtDNA content in patients with dilated cardiomyopathy

J. Knez (Leuven, BELGIUM)

09.45 Ambulatory or home BP monitoring better predicts early vascular ageing

C. Antza (Thessaloniki, GREECE)

10.00 How to reduce arterial stiffness by pharmacological therapy

N. Radivojevic (Belgrade, SERBIA)

10.15 Emergency/Urgency hypertension. The Greek pilot experience

D. Konstantinidis (Athens, GREECE)

09.00-10.30

ROOM B2

Topical Workshop

THE NEVER ENDING HISTORY OF BLOOD PRESSURE GOALS

Chairpersons: G. De Simone (Naples, ITALY), T. Kahan (Stockholm, SWEDEN)

09.00 Searching for the definition of cardiovascular frailty

A. Benetos (Nancy, FRANCE)

09.20 Selecting the method to assess the BP goal: which gold standard?

J. Polonia (Porto, PORTUGAL)

09.40 How to assess the impact of BP reduction in different vascular beds

P. Cunha (Guimarães, PORTUGAL)

10.00 Individual approach to blood pressure goals

R. Cifková (Prague, CZECH REPUBLIC)

10.20 Discussion

09.00-10.30

ROOM C2

Session of the Brazilian Society of Cardiology/ Hypertension Department

INVESTIGAÇÃO ORIGINAL EM 2017/2018

Moderadores: E. Barbosa (Porto Alegre, BRAZIL), R.M. Pova (São Paulo, BRAZIL)

09.00 Valores normais da pressão arterial medida em casa em adolescentes não europeus

T.V. Jardim (Goiânia, BRAZIL)

09.20 Resultados do tratamento e controle da pressão arterial no Registro Brasileiro de Hipertensão

A.A. Brandao (Rio de Janeiro, BRAZIL)

09.40 Fatores de Risco Cardiovascular nos Cardiologistas Brasileiros

C. Amodeo (São Paulo, BRAZIL)

10.00 Velocidade da Onda de Pulso e Espessamento da Intima-Média Carotídea: correlação e associação

W. Sebba-Barroso (Goiânia, BRAZIL)

10.20 Discussão

10.30-10.50**ROOM A1**

Lecture

Chairperson: C. Sierra (Barcelona, SPAIN)

Is hypertension an immunological disease?

E. Schiffrin (Montreal, CANADA)

11.00-12.30**ROOM A1**

Plenary Session

STEVO JULIUS SOON 90 YEARS - A LIFE DEDICATED TO HYPERTENSION RESEARCH

Chairpersons: B. Jelakovic (Zagreb, CROATIA), S.E. Kjeldsen (Oslo, NORWAY)

11.00 ESH Opening and welcome

A. Coca (Barcelona, SPAIN), G. Mancia (Milan, ITALY)

11.05 The Julius-Esler Concept - Sympathetic activation in hypertension: important in Pathogenesis and in Cardiovascular Risk

M. Esler (Melbourne, AUSTRALIA)

11.20 Working with Julius - from Hemodynamics to the TROPHY

B. Egan (Greenville, SC, USA)

11.30 Preventing hypertension (The TROPHY Study)

S. Nesbitt (Dallas, TX, USA)

11.40 Experiences from Tecumseh - the Julius' Framingham Study

A. Mejia (Manila, PHILIPPINES)

11.50 Sympathetic activity and metabolism - an extended Julius Hypothesis

K. Jamerson (Ann Arbor, MI, USA)

12.00 Increased heart rate - a Julius' robust risk marker

P. Palatini (Padua, ITALY)

12.10 Stevo Julius as a clinical trialist - Bringing HOT...LIFE to VALUE

S.E. Kjeldsen (Oslo, NORWAY)

12.20 Summary by the Jubilant

S. Julius (Ann Arbor, MI, USA)

12.45-14.15

ROOM A1

Teaching Seminar

SESSION 3

Chairpersons: M. Burnier (Lausanne, SWITZERLAND), D. Lovic (Niš, SERBIA),

12.45 Emergencies in hypertension

M.L. Muiesan (Brescia, ITALY)

13.00 Discussion**13.05 Management of high blood pressure in acute stroke**

D. Gasecki (Gdansk, POLAND)

13.20 Discussion**13.25 Is telephone connection helpful in the management of hypertension?**

G. Parati (Milan, ITALY)

13.40 Discussion**13.45 Salt and Hypertension: how far are we?**

J. Polonia (Porto, PORTUGAL)

14.00 Discussion**14.05 General Discussion**

12.45-13.45

ROOM B1

Topical Workshop on Hot Issues

NOVEL CARDIAC ENDPOINTS IN HYPERTENSION

Chairpersons: J. Mesquita Bastos (Aveiro, PORTUGAL), K. Tsioufis (Athens, GREECE)

12.45 Atrial fibrillation is a typical complication and almost always caused by hypertension

P. Mazón (Santiago, SPAIN)

13.00 Heart Failure with preserved Ejection Fraction (HFpEF) is a typical complication and almost always caused by hypertension

E. Agabiti Rosei (Brescia, ITALY)

13.15 Aortic stenosis is a typical complication and almost always caused by hypertension

L. Poulimenos (Athens, GREECE)

13.30 Discussion

Late-Breakers

SESSION 3

Chairpersons: S. Carugo (Milan, ITALY), W. Sebba-Barroso (Goiania, BRAZIL)

12.45 ■ ESH-ENDORSED EUROPEAN/INTERNATIONAL FIBROMUSCULAR DYSPLASIA REGISTRY: RESULTS OF THE FIRST 609 PATIENTS

S. Di Monaco^{1,10}, M. Azizi², L.S. Aparicio³, H. Witowicz⁴, R.M. Bruno⁵, P. Delmotte⁶, I. Tikkanen⁷, C. Seinturier⁸, A.A. Kroon⁹, P. Van Der Niepen¹, L. Toubiana², A. Januszewicz⁴, P.-F. Plouin², A. Persu¹

¹ Brussels, BELGIUM, ² Paris, FRANCE, ³ Buenos Aires, ARGENTINA, ⁴ Warsaw, POLAND,

⁵ Pisa, ITALY, ⁶ Mons, BELGIUM, ⁷ Helsinki, FINLAND, ⁸ Grenoble, FRANCE,

⁹ Maastricht, THE NETHERLANDS, ¹⁰ Turin, ITALY

12.55 ■ RADIANCE-HTN SOLO: A MULTICENTER, RANDOMIZED, SHAM-CONTROLLED STUDY OF RENAL DENERVATION IN PATIENTS WITH UNCONTROLLED HYPERTENSION IN THE ABSENCE OF ANTIHYPERTENSIVE MEDICATIONS

M. Azizi¹, R.E. Schmieder², F. Mahfoud³, M.A. Weber⁴, J. Daemen⁵, J. Davies⁶, J. Basile⁷, A. Kirtane⁴, Y. Wang⁸, L. Mauri⁹

¹ Paris, FRANCE, ² Erlangen, GERMANY, ³ Homburg/Saar, GERMANY, ⁴ New York, NY, USA, ⁵

Rotterdam, THE NETHERLANDS, ⁶ London, UNITED KINGDOM, ⁷ Charleston, SC,

⁸ Minneapolis, MN, ⁹ Boston, NY, USA

13.05 ■ LONG-TERM OUTCOME OF THE RANDOMIZED OSLO-RDN STUDY

C. Lund Soeraas, O. Bergland, L. Vernaas Halvorsen, A.C. Larstorp, U. Hjørnholm, V.N. Kjaer, A. Høieggen, S.E. Kjeldsen, F. Elmula, M. Elmula
Oslo, NORWAY

13.15 ■ INITIAL ANTIHYPERTENSIVE TREATMENT STRATEGIES AND THERAPEUTIC INERTIA: EVIDENCE FROM A LARGE POPULATION-BASED COHORT

F. Rea¹, G. Corrao¹, L. Merlino¹, G. Mancia^{1,2}

¹ Milan, ² Monza, ITALY

13.25 ■ A DOUBLE BLIND PHASE III STUDY OF ESAXERENONE (CS-3150) COMPARED TO EPLERENONE IN PATIENTS WITH ESSENTIAL HYPERTENSION (ESAX-HTN STUDY)

S. Ito¹, H. Ito², H. Rakugi³, Y. Okuda², M. Yoshimura², S. Yamakawa²

¹ Sendai, ² Tokyo, ³ Osaka, JAPAN

13.35 ■ ALLOPURINOL AND FEBUXOSTAT EFFECT ON TOTAL MORTALITY IN HYPERURICEMIC PATIENTS AFFECTED BY MILD-TO-MODERATE HEART FAILURE

E.R. Cosentino, A.F.G. Cicero, D. Degli Esposti, C. Bentivenga, G. Magri, M. Veronesi, C. Borghi
Bologna, ITALY

13.45 ■ URINARY PROTEOMIC SIGNATURES ASSOCIATED WITH BETA-BLOCKADE AND HEART RATE IN HEART TRANSPLANT RECIPIENTS

Q. Huang¹, J. Van Keer¹, Z.-Y. Zhang¹, S. Trenson¹, E. Nkuipou-Kenfack², L. Van Aelst¹, W.-Y. Yang¹, L. Thijs¹, F.-F. Wei¹, A. Ciarka¹, J. Vanhaecke¹, S. Janssens¹, J. Van Cleemput¹, H. Mischak², J. Staessen¹

¹ Leuven, BELGIUM, ² Hannover, GERMANY

13.55 ▀ SEX-SPECIFIC REGULATION OF URINARY PEPTIDES IN EARLY DIABETIC NEPHROPTHY

G. Currie¹, B.J. Von Scholten², M. Lindhardt², H. Reihard², P. Jacobsen², W. Mullen¹, H.H. Parving¹, H. Mischak³, P. Rossing^{1,2}, C. Delles¹

¹ Glasgow, UNITED KINGDOM, ² Copenhagen, DENMARK, ³ Hanover, GERMANY,

14.05 ▀ MICROBIOTA CO-METABOLISM MODULATION AND EARLY DEVELOPMENT OF CARDIOMETABOLIC DISEASE ON HOST ORGANISM ANALYZED BASED ON METABOLOMICS AND PYROSEQUENCING

M.M. Pardo Tendero, J.M. Morales, M.C. Collado, A. Diaz, R. Segura, A. Pellín-Carcelén, I. Pérez, M. Martín-Grau, D. Monleón, V.G. Marrachelli

Valencia, SPAIN

12.45-13.45**ROOM B3****How-to Session****HOW TO ASSESS DIASTOLIC DYSFUNCTION IN HYPERTENSIVE PATIENTS WITH SUSPECTED HFPEF BY CARDIAC IMAGING**

Chairperson: R. Castillo (Makati City, PHILIPPINES)

T. Kahan (Stockholm, SWEDEN), M. Salvetti (Brescia, ITALY)

12.45-13.45

ROOM C1

Meet-the-Expert

THE SPRINT ISSUE: HEART FAILURE IS A TOO SOFT ENDPOINT IN UNMASKED CLINICAL TRIALS

Chairperson: L.H. Lindholm (Umeå, SWEDEN)

Experts: S.E. Kjeldsen (Oslo, NORWAY), P.K. Whelton (New Orleans, LA, USA)

12.45-14.15

ROOM C2

Sesión Científica en Español - SESIÓN 5

RETOS Y DILEMAS EN LA IMPLEMENTACIÓN DE LAS NUEVAS GUÍAS DE HIPERTENSIÓN

Moderadores: M. de la Figuera (Barcelona, ESPAÑA),

O. Valdéz (La Romana, REPUBLICA DOMINICANA)

12.45 Ventajas e inconvenientes de iniciar tratamiento farmacológico en presión normal alta

N. Martell Claros (Madrid, ESPAÑA)

13.05 ¿Mismas metas de presión para todos los hipertensos?

L. Alcocer (Ciudad de México, MÉXICO)

13.25 Problemas para iniciar el tratamiento con combinaciones fijas en Atención Primaria

G. Coll de Tuero (Girona, ESPAÑA)

13.45 El problema de la accesibilidad al tratamiento en la prevención cardiovascular

F. Wyss (Guatemala City, GUATEMALA)

14.05 Discusión



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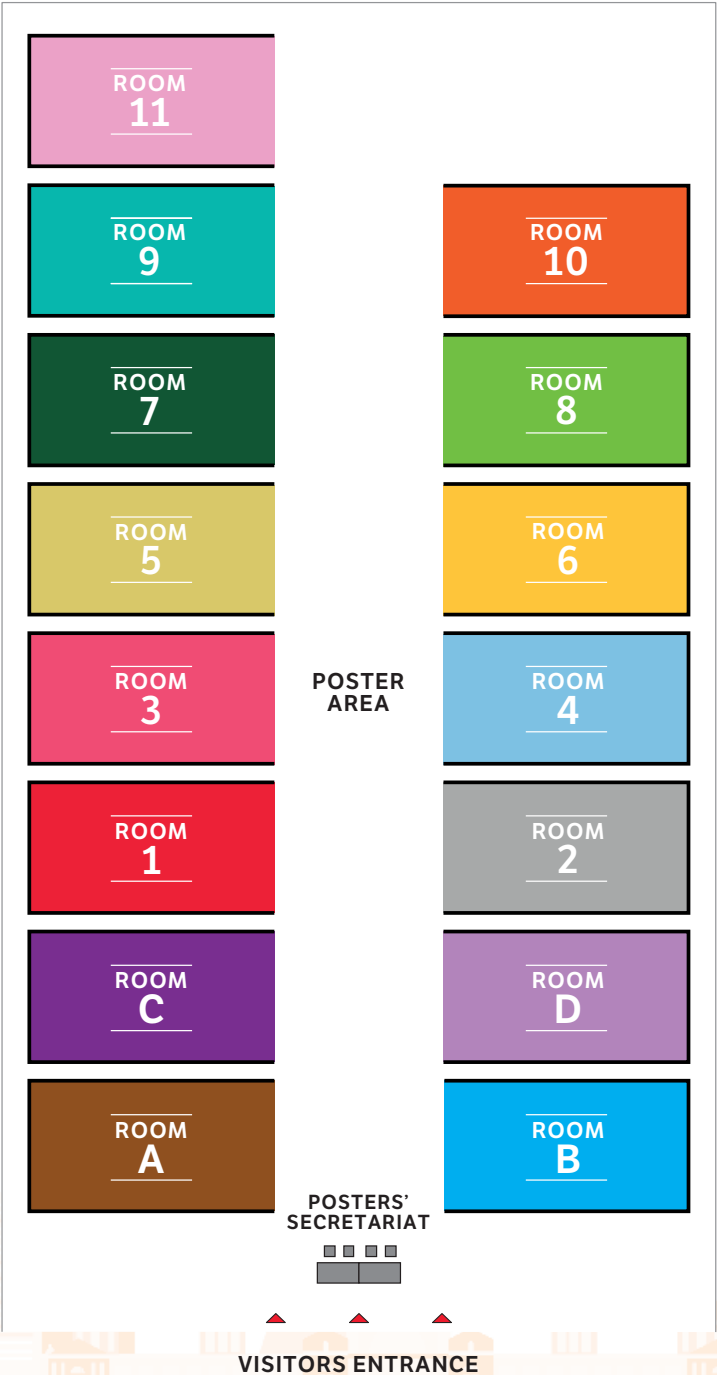
POSTERS

114 SATURDAY, JUNE 9

158 SUNDAY, JUNE 10

202 MONDAY, JUNE 11

Attended Poster Sessions



Attended Poster Sessions

18.15 - 19.45

PS 01. EPIDEMIOLOGY AND RISK FACTORS

Chairperson: F. Grover Paez

ROOM **1** POSTERS FROM **1** TO **46**

PS 02. PHARMACOLOGICAL TREATMENT

Chairperson: M. Pikilidou

ROOM **2** POSTERS FROM **1** TO **23**

PS 03. RESISTANT HYPERTENSION

Chairperson: M. Marketou

ROOM **3** POSTERS FROM **1** TO **27**

PS 04. HEART

Chairperson: M. Camafort

ROOM **4** POSTERS FROM **1** TO **24**

PS 05. LIFESTYLE, HYPERTENSION MANAGEMENT

Chairperson: J. Panisello Royo

ROOM **5** POSTERS FROM **1** TO **20**

PS 06. BLOOD PRESSURE MEASUREMENT AND VARIABILITY

Chairperson: S. Cinza Sanjurjo

ROOM **6** POSTERS FROM **1** TO **36**

PS 07. KIDNEY AND RAAS, ENDOCRINE HYPERTENSION

Chairperson: M. Frías Vargas

ROOM **7** POSTERS FROM **1** TO **24**

PS 08. METABOLIC DISORDERS AND SLEEP APNOEA

Chairperson: E. Triantafyllidi

ROOM **8** POSTERS FROM **1** TO **21**

PS 09. CEREBROVASCULAR DISEASE

Chairperson: D. Hering

ROOM **9** POSTERS FROM **1** TO **23**

PS 10. ATHEROSCLEROSIS AND MOLECULAR FOUNDAMENTS

Chairperson: A. Kasiakogias

ROOM **10** POSTERS FROM **1** TO **25**

LATE-BREAKER POSTERS' SESSION 1

Chairperson: G. Pichler

ROOM **11** POSTERS FROM **1** TO **33**

Oral Presentations in Poster Area

18.30 - 19.30

COMPLICATIONS AND COMORBIDITIES

Chairpersons: S. Sokolovic, T. Weber

ROOM **A**

DIAGNOSIS AND TREATMENT

Chairpersons: T. de Backer, I. Sudano

ROOM **B**

EPIDEMIOLOGY AND MANAGEMENT

Chairpersons: S. Alliksoo, J. Widimský

ROOM **C**

MECHANISMS OF HYPERTENSION

Chairpersons: B.K. Krämer, H. Moreno

ROOM **D**

Posters' Session PS01

EPIDEMIOLOGY AND RISK FACTORS

Chairperson: F. Grover Paez (*Guadalajara, MEXICO*) ROOM **1** POSTERS FROM **1** TO **46**

1 / 1 CARDIOVASCULAR RISK PREDICTION- A SYSTEMS MEDICINE APPROACH

I. Gergei¹, T. Pfau², B.K. Krämer¹, J. Schneider², W. März³, T. Sauter²

¹ Mannheim, GERMANY, ² Esch-sur-Alzett, LUXEMBOURG, ³ Graz, AUSTRIA

1 / 2 INCIDENTAL RISK OF HYPERTENSION ACCORDING TO THE CHANGE OF BODY WEIGHT IN KOREAN MEN

D.-Y. Lee, S.G. Park, H. Kim

Seoul, SOUTH KOREA

1 / 3 URIC ACID PREDICTS CORONARY ARTERY DISEASE BUT NOT STROKE IN ESSENTIAL HYPERTENSION: DATA FROM A GREEK 8-YEAR-FOLLOW-UP STUDY

K. Dimitriadis, K. Tsioufis, D. Konstantinidis, I. Andrikou, S. Galanakis, C. Philippou,

I. Karapati, I. Kallikazaros, D. Tousoulis

Athens, GREECE

1 / 4 CARDIOVASCULAR RISK FACTORS AND ARTERIAL STIFFNESS IN MEN AGED 41-43 YEARS

M. Isaykina, V. Rozanov, O. Isaykina

Moscow, RUSSIA

1 / 5 IS HYPOMAGNESEMIA A RISK FACTOR FOR ATHEROSCLEROSIS IN DIALYSIS PATIENTS?

M. Rroji, N. Spahia, S. Seferi, M. Barbullushi

Tirana, ALBANIA

1 / 6 ACUTE DIETARY SALT MODULATION INDUCES CHANGES IN DYNAMICS OF MONOCYTES SUBSETS IN YOUNG HEALTHY WOMEN

L. Rasic, I. Drenjancevic, A. Matic, M. Stupin, S. Novak, A. Stupin

Osijek, CROATIA

1 / 7 IMPACT OF SLEEP DISORDERS ON THE PREVALENCE OF TARGET ORGAN DAMAGE IN ADULT HYPERTENSIVE PATIENTS

V. Bisogni¹, M.F. Pengo², G. Maiolino¹, G. Rossitto¹, T.M. Seccia¹, M. Cesari¹, C. Berton¹,

A. Conciatrè³, L. Petramala³, C. Letizia³, G.P. Rossi¹

¹ Padua, ² Vicenza, ³ Rome, ITALY

1 / 8 BLOOD PRESSURE CONTROL IN HYPERTENSIVE OUTPATIENTS: RESULTS OF A 2-YEAR OBSERVATIONAL STUDY

A. Del Giudice, A. Cicchella, C.C. Guida, A. Gesuete, R. Grifa, A. Mangiacotti, F. Miscio,

M. Piemontese, M. Prencipe, M. Vergura, F. Aucella

San Giovanni Rotondo, ITALY

1 / 9 IRON LOADING, ALCOHOL AND MORTALITY: A PROSPECTIVE STUDY

R. Schutte¹, H.W. Huisman², C.M.C. Mels², S. Botha², R. Kruger², W. Smith², I.M. Kruger², M. Hawkins¹, L. Smith³, Y. Breet², A. Schutte²

¹ Chelmsford, UNITED KINGDOM, ² Potchefstroom, SOUTH AFRICA,

³ Cambridge, UNITED KINGDOM

1 / 10 MASKED HYPERTENSION AND SUBCLINICAL ATHEROSCLEROSIS IN A LATIN AMERICAN POPULATION

M.E. Pacheco, E. Silva, J. Villasmil, G. Bermudez, M. Bracho, C. Esis, R. D'Addosio
Maracaibo, VENEZUELA

1 / 11 HYPERTENSION AND CARDIOVASCULAR RISK FACTORS IN CROATIA. DATA FROM THE 2017 WORLD HYPERTENSION DAY

B. Milicic¹, K. Dapic¹, V. Domislovic¹, M. Brozovic¹, I. Drenjancevic², Z. Dobrincic¹, M. Gulin³, V. Herceg Cavrak¹, J. Josipovic¹, A. Jelakovic¹, L. Kolar², N. Leko⁴, D. Pavlovic¹, I. Prkacin¹, J. Radic¹, R. Stevanovic¹, A. Stupin², I. Vukovic Brinar¹, T. Zeljkovic Vrkic¹, B. Jelakovic¹

¹ Zagreb, ² Osijek, ³ Sibenik, ⁴ Slavonski Brod, CROATIA

1 / 12 EVALUATION OF THE ASSOCIATION BETWEEN THE AGE AT ONSET OF HYPERTENSION AND DIFFERENT AFFECTIVE TEMPERAMENTS

B.Z. Korosi¹, M. Vecsey-Nagy¹, B. Szilveszter¹, M. Kolossvary¹, A. Laszlo², D. Batta¹, Z. Nemcsik-Bencze¹, X. Gonda¹, B. Merkely¹, Z. Rihmer¹, P. Maurovich-Horvat¹, D. Eorsi¹, P. Torzsa¹, J. Nemcsik¹

¹ Budapest, HUNGARY, ² Bad Kötzing, GERMANY

1 / 13 ASSOCIATION OF HYPERTENSIVE TARGET ORGAN DAMAGE WITH SERUM URIC ACID IN THE COMMUNITY-DWELLING ELDERLY CHINESE: THE NORTHERN SHANGHAI STUDY

Z. Zhu, K. Wang, Y. Zhang, Y. Xu, B. Bai, S. Yu, J. Teliewubai, Y. Lu, J. Xiong, Y. Zhou, H. Ji, X. Fan

Shanghai, CHINA

1 / 14 EARLY VASCULAR AGING SYNDROME: FROM RISK FACTORS TO THE DISEASE

V. Kindaliova, T. Pronko, Y. Drozd, G. Zdanchuk

Grodno, BELARUS

1 / 15 THE RELATIONSHIPS BETWEEN RENAL RESISTIVE INDEX AND CORONARY RISK FACTORS AND CORONARY HEART DISEASE

Y. Higuchi, S. Kagiya, D. Maebuchi, H. Oniki, Y. Naka, E. Nyuta, T. Ohishi, T. Seki

Fukuoka, JAPAN

1 / 16 LEFT ATRIAL SIZE: DETERMINANTS USING NON-CONTRAST ENHANCED CARDIAC COMPUTED TOMOGRAPHY

D. Fouassier, G. Soulat, S. Laurent, J. Hulot, P. Boutouyrie, E. Mousseaux

Paris, FRANCE

1 / 17 CHARACTERISTICS OF PATIENTS WITH ATRIAL FIBRILLATION. ESH-FA PROJECT – DATA ON CROATIAN COHORT

D. Dosen¹, P. Radic¹, A. Jelakovic¹, G. Eder¹, A. Legovic¹, M. Lovric Bencic¹, M. Mihajlovic¹, V. Premuzic¹, D. Milicic¹, E. Agabiti Rosei², B. Jelakovic¹

¹ Zagreb, CROATIA, ² Brescia, ITALY

1 / 18 COPEPTIN AS A RESEARCH MARKER IN CARDIOVASCULAR DISEASE

A. Bosch¹, C. Ott¹, A. Schmid¹, D. Kannenkeril¹, M. Karg¹, T. Ditting^{1,2}, R. Veelken^{1,2}, M. Uder¹, R.E. Schmieder¹

¹ Erlangen, ² Nürnberg, GERMANY

1 / 19 RELATIONSHIP BETWEEN SMOKING, ANGIOGRAPHIC SUBTYPES AND VASCULAR INVOLVEMENT IN PATIENTS WITH FIBROMUSCULAR DYSPLASIA. THE ARCADIA-POL STUDY

H. Witowicz¹, E. Warchol-Celinska¹, J. Ziebka¹, K. Paschalis-Purtak¹, B. Pucilowska¹, E. Florczak¹, O. Rowinski¹, A. Aniszczuk-Hybiak¹, K. Kowalczyk¹, K. Widecka², M. Soltysiak², M. Protasiewicz³, A. Prejbisz¹, A. Olszanecka⁴, D. Czarnecka⁴, J. Krekora⁵, I. Cendrowska-Demkow¹, M. Makowiecka-Ciesla¹, M. Szczerbo-Trojanowska⁶, A. Januszewicz¹

¹ Warsaw, ² Szczecin, ³ Wrocław, ⁴ Cracow, ⁵ Łódź, ⁶ Lublin, POLAND

1 / 20 CARDIAC ULTRASONOGRAPHY FINDINGS RELATED TO PREVALENCE OF ARTERIAL HYPERTENSION IN PERIPHERAL ARTERIAL DISEASE PATIENTS. HIGHLIGHT EVIDENCES

M.-A. Stoia, D. Olinic, L. Vida-Simiti, A. Farcas

Cluj-Napoca, ROMANIA

1 / 21 GENE POLYMORPHISM REPRESENTATION IN PATIENTS WITH ARTERIAL HYPERTENSION DEPENDING ON CARDIO-VASCULAR RISK STRATIFICATION

N. Koziolova, A. Chernyavina

Perm, RUSSIA

1 / 22 CLINICAL CHARACTERISTICS, VASCULAR BED INVOLVEMENT AND VASCULAR COMPLICATIONS IN PATIENTS WITH FIBROMUSCULAR DYSPLASIA. POLISH REGISTRY FOR FIBROMUSCULAR DYSPLASIA (ARCADIA-POL)

E. Warchol-Celinska¹, K. Jozwik-Plebanek¹, E. Florczak¹, A. Prejbisz¹, K. Hanus¹, M. Januszewicz¹, I. Michalowska¹, L. Swiatlowski², P. Talarowska¹, H. Janaszek-Sitkowska¹, L. Stryczynski³, A. Niemirska¹, M. Litwin¹, K. Madej¹, S. Nazarewski¹, A. Witkowski¹, K. Widecka⁴, A. Tykarski³, M. Szczerbo-Trojanowska², A. Januszewicz¹

¹ Warsaw, ² Lublin, ³ Poznań, ⁴ Szczecin, POLAND

1 / 23 YOUNG ISOLATED SYSTOLIC HYPERTENSION DIFFER ACCORDING TO THE LEVEL OF PHYSICAL ACTIVITY

F. Saladini¹, C. Fania¹, L. Mos², A. Mazzer³, E. Casiglia¹, P. Palatini¹

¹ Padua, ² Udine, ³ Treviso, ITALY

1 / 24 ASSOCIATION OF NOVEL RISK FACTORS OF CARDIOVASCULAR DISEASE WITH BAPWV IN A LARGE COHORT OF ADULTS

K. Tateishi, K. Mure, H. Hayakawa, N. Miyai, M. Utsumi, Y. Uematsu, T. Takeshita, M. Shiba, M. Arita

Wakayama, JAPAN

1 / 25 HYPERTENSIVE URGENCIES AFTER AN EMERGENCY CALL FOR A GENERAL PRACTITIONER HOME VISIT

J. Menard, L. Toubiana

Paris, FRANCE

1 / 26 PREVALENCE OF HYPERTENSION AND RISK FACTORS IN 47000 POPULATION FROM MULTI-ETHNIC RURAL, PASTORAL AND URBAN XINJIANG CHINA

N. Li¹, L. Wang¹, M. Heizhati¹, L. Zhou¹, X. Yao¹, X. Zhang²

¹ Urumqi, ² Beijing, CHINA

1 / 27 NATIONAL PREVALENCE OF HYPERCHOLESTEROLEMIA, TREATMENT AND CONTROL, IN FRANCE IN 2015 AND TEMPORAL TRENDS SINCE 2006

C. Lecoffre¹, A.L. Perrine¹, J. Blacher², V. Olié¹

¹ Saint-Maurice, ² Paris, FRANCE

1 / 28 PSYCHOSOCIAL FACTORS AFFECT PULSE PRESSURE DIFFERENTIALLY IN HYPERTENSIVE MEN AND WOMEN

D. Guarino, R.M. Bruno, R. Gherardini, E. Duranti, M. Nannipieri, L. Ghiadoni, S. Taddei

Pisa, ITALY

1 / 29 BLOOD PRESSURE TRAJECTORIES FROM CHILDHOOD TO YOUTH AND ARTERIAL STIFFNESS IN ADULTHOOD: A 30-YEAR LONGITUDINAL FOLLOW-UP STUDY

C. Chu, Y. Wang, J. Mu

Xian, CHINA

1 / 30 THE 22-YEAR PROSPECTIVE QUEBEC (PROQ) STUDY ON WORK AND HEALTH CONDUCTED AMONG 9000 WHITE-COLLAR WORKERS

X. Trudel¹, M. Gilbert-Ouimet¹, A. Milot¹, C. Duchaine¹, M. Vézina¹, D. Laurin¹,

H. Sultan-Taïeb², C. Brisson¹

¹ Québec, ² Montréal, CANADA

1 / 31 SUBCLINICAL ORGANIC DAMAGE IN PATIENTS WITH REFRACTORY HYPERTENSION

I. Poveda, M.D. Del Pino Y. Pino, R. Alarcón, T. Parreño

Almería, SPAIN

1 / 32 ASSOCIATION BETWEEN SALT INTAKE AND URIC ACID, AND ITS INTERACTION ON THE INCIDENCE OF PREHYPERTENSION AMONG CHINESE ADULTS

J. Mu, Y. Wang

Xian, CHINA

1 / 33 INCREASED ALL-CAUSE MORTALITY, TOTAL CARDIOVASCULAR DISEASE AND MORBIDITY IN HOSPITALIZED OCTOGENARIANS WITH ORTHOSTATIC HYPOTENSION

I. Lindstedt, L. Edvinsson, A.I. Lindberg, M. Olsson, C. Dahlgren, M.I. Edvinsson
Lund, SWEDEN

1 / 34 ASSOCIATION BETWEEN SLEEP COMPLAINTS AND CAROTID ATHEROSCLEROTIC LESIONS

L. Korostovtseva, A. Alieva, O. Rotar, M. Bochkarev, M. Boyarinova, I. Filchenko, Y. Sviryaev, A. Konradi, E. Shlyakhto
St. Petersburg, RUSSIA

1 / 35 ASSOCIATION BETWEEN SERUM URIC ACID LEVEL AND HYPERTENSION IN THE ARAGON WORKERS' HEALTH STUDY COHORT

H.M. Villafuerte Ledesma, P. Iñigo Gil, J.M. Peña Porta, I. Gimenez Lopez, P. Martin Azara, P. Vernet Perna, A. Perona Caro, R. Alvarez Lipe
Zaragoza, SPAIN

1 / 36 THE INFLUENCE OF ANNOYANCE DUE TO NOISE ON RENAL HEMODYNAMIC

A. Bosch¹, D. Kannenkeril¹, C. Ott¹, J.M. Harazny^{1,2}, K. Striepe¹, M. Karg¹, T. Dienemann¹, S. Jung¹, R.E. Schmieder¹
¹Erlangen, GERMANY, ²Warmia, POLAND

1 / 37 SOMATOTYPE AND ITS IMPACT ON ASYMPTOMATIC TARGET ORGAN DAMAGE IN THE ELDERLY CHINESE

J. Xiong¹, S. Yu¹, B. Bing¹, Y. Xu¹, H. Ji¹, J. Teliewubai¹, C. Chi¹, Y. Lu¹, Y. Zhou¹, X. Fan¹, J. Li¹, J. Blacher², Y. Zhang¹, Y. Xu¹
¹Shanghai, CHINA, ²Paris, FRANCE

1 / 38 FEASIBILITY OF ESTIMATING FIBROMUSCULAR DYSPLASIA PREVALENCE USING HEALTH ADMINISTRATIVE DATABASE: A NATIONWIDE STUDY

V. Looten, G. Chatellier, R. Jantzen, B. Fiquet, A. Chedid, L. Amar, G. Bobrie, S. Katsahian, A. Burgun, A.S. Jannot, X. Jeunemaitre, P.-F. Plouin, M. Azizi
Paris, FRANCE

1 / 39 TRENDS IN THE USE OF CARDIOVASCULAR PREVENTION TREATMENTS IN FRANCE BETWEEN 2007 AND 2017 USING THE FRENCH LEAGUE AGAINST HYPERTENSION SURVEYS

X. Girerd, O. Hanon, B. Pannier, B. Vaisse
Paris, FRANCE

1 / 40 AN EDUCATIONAL THERAPEUTIC PROGRAM OF THE FRENCH NATIONAL HEALTH INSURANCE FUND (CNAM) FOR HYPERTENSIVE AND/OR DYSLIPIDEMIC FRENCH PATIENTS: FIRST RESULTS

B. Vaisse¹, C.M. Vehier¹, A. Delorme², I. Vincent¹
¹Paris, ²Saint Etienne, FRANCE

1 / 41 FEATURES OF 24-HOUR BLOOD PRESSURE PROFILE, VASCULAR WALL STIFFNESS PARAMETERS AND MARKERS OF VASCULAR INFLAMMATORY REACTION IN POSTMENOPAUSAL FEMALE PATIENTS

T. Petelina, N. Musikhina, K. Avdeeva, L. Gapon, L. Dobrynina, L. Kopylova, I. Zhevagina
Tyumen, RUSSIA

1 / 42 AUTONOMIC DYSREGULATION IN PRIMARY HYPERTENSION

M. El Bakkali, S. Aboudrar, H. Rkain, A. Jniene, J. El Hangouche, L. Errguig, T. Dakka, H. Benjelloun
Rabat, MOROCCO

1 / 43 AN EASY STRATEGY TO MANAGE NIGHT CRAMPS ASSOCIATED TO STATIN ASSUMPTION: RESULTS FROM A REAL PRACTICE STUDY

A.F.G. Cicero, F. Fogacci, M. Bove, M. Veronesi, S. D'Addato, E.R. Cosentino, C. Borghi
Bologna, ITALY

1 / 44 POTENTIAL PROINFLAMMATORY CONDITIONS THAT CONTRIBUTE TO RESISTANT HYPERTENSION

V. Bezrodnyi, L. Myshchenko, L. Bezrodna
Kiev, UKRAINE

1 / 45 PREVALENCE AND CONTROL OF HYPERTENSION WITH THE USE OF AMBULATORY BLOOD PRESSURE RECORDING IN HEMODIALYSIS PATIENTS

C. Loutradis¹, A. Karpets¹, E. Papadopoulou¹, A. Piperidou¹, A. Bikos¹, V. Raptis², G. Tzanis¹, C. Syrganis³, G. Stamatiadis⁴, V. Liakopoulos¹, A. Papagianni¹, P. Zebekakis¹, P.A. Sarafidis¹

¹ Thessaloniki, ² Katerini, ³ Volos, ⁴ Serres, GREECE

1 / 46 THE EFFECT OF GENDER ON RIGHT VENTRICULAR DEFORMATION IN UNTREATED HYPERTENSIVE PATIENTS

M. Tadic¹, C. Cuspidi², B. Ivanovic¹, B. Pencic¹, G. Grassi², M. Bombelli², V. Celic¹

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Posters' Session PS02

PHARMACOLOGICAL TREATMENT

Chairperson: M. Pikilidou (Thessaloniki, GREECE)

ROOM **2** POSTERS FROM **1** TO **23**

2 / 1 ASSESSMENT OF SUITABLE ANTIHYPERTENSIVE THERAPIES: COMBINATION WITH HIGH DOSE AMLODIPINE/IRBESARTAN VS. TRIPLE COMBINATION WITH AMLODIPINE/IRBESARTAN/INDAPAMIDE (ASAHI AI STUDY)

N. Sato, N. Nakagawa, Y. Saijo, N. Hasebe
Asahikawa, JAPAN

2 / 2 CARDIOPROTECTIVE EFFECT OF THE RED PALM OIL SUPPLEMENTATION ON THE CARDIAC OXIDATIVE STRESS, NITRIC OXIDE SYNTHASE AND HEART FUNCTION IN THE RATS SUFFERING FROM HYPERTENSION

B. Szeiffova Bacova, M. Sykora, I. Bernatova, V. Knezl, N. Tribulova
Bratislava, SLOVAK REPUBLIC

2 / 3 IMPACT OF CARDIOVASCULAR DRUG ON ALL-CAUSE MORTALITY IN SECONDARY PREVENTION. A POPULATION STUDY

J. Redon¹, R. Uso¹, J.L. Trillo¹, A. Fernandez¹, F. Morales¹, D. Orozco², V. Gil², J. Sanchis¹
¹ Valencia, ² Alicante, SPAIN

2 / 4 OVERALL ADVERSE EVENT INCIDENCE RATES WITH THE SINGLE PILL COMBINATION OF AMLODIPINE/VALSARTAN ARE COMPARABLE TO PLACEBO: RESULTS FROM A LARGE POOLED SAFETY ANALYSIS

D. Rainer¹, B. Waeber², K. Stricker³, P. Paldanius³
¹ Bonn, GERMANY, ² Lausanne, ³ Basel, SWITZERLAND

2 / 5 BISOPROLOL BETTER THAN ATENOLOL AS ADD ON THERAPY TO ACE INHIBITORS IN BLOOD PRESSURE CONTROL

G. Marazzi¹, G. Campolongo¹, F. Pelliccia¹, S. Quattrino¹, L. Cacciotti¹, M. Miano², M. Volterrani¹, P. Calabrò³, G. Rosano¹
¹ Rome, ² Ragusa, ³ Caserta, ITALY

2 / 6 SOME ASPECTS OF COMPARISON OF J-MELODIC STUDY AND PARADIGM-HF STUDY

Z. Gasimov
Baku, AZERBAIJAN

2 / 7 PPAR GAMMA STIMULATION BY ROSIGLITAZONE DECREASES BLOOD PRESSURE AND RENAL APOPTOSIS IN A RAT HYPERTENSION MODEL SECONDARY TO AORTIC COARCTATION

M. Sanchez Aguilar, A. Aguilar-Navarro, L. Ibarra-Lara, L. Del Valle-Mondragón, M. Rubio-Ruiz, M. Ramirez-Ortega, G. Pastelin-Hernandez, A. Zamorano-Carrillo, A. Sanchez-Mendoza
Mexico City, MEXICO

2 / 8 CONTRIBUTION OF ENVIRONMENTAL POLLUTANTS TO EPIGENETIC MODIFICATION IN RAT VASCULAR SMOOTH MUSCLE CELLS

Z. Yousefipour¹, O. Philips¹, K. Ranganna¹, M. Joseph¹, D. Xiao², M. Esmaeili¹
¹ Houston, TX, ² Milton, MA, USA

2 / 9 EFFECTS OF GANAXOLONE ON BLOOD PRESSURE AND STRESS IN FEMALE BPH/2J GENETICALLY HYPERTENSIVE MICE

G. Head¹, C. Pham¹, K. Jackson¹, J. Chin-Dusting²
¹ Melbourne, ² Clayton, AUSTRALIA

2 / 10 PROSPECTIVE COMPARISON BETWEEN ADDITIONAL CCB OR DIURETICS ON TOP OF COMBINATION OF ARB AND CCB IN UNCONTROLLED HYPERTENSIVES (CHAT-ANA TRIAL)

K. Okamura, K. Shirai, H. Urata
Chikushino, JAPAN

2 / 11 EVALUATION OF THE EFFECTS OF MONACOLIN K ON LIPID PROFILE AND ARTERIAL FUNCTION IN DYSLIPIDEMIC PATIENTS

S. Castelnuovo, R. Bosisio, C. Pavanello, P. Vallerio, A. Maloberti, L. D'Angelo, N. Triglione, B. Lopez Montero, L. Giupponi, E. Piccinelli, I. Bassi, F. Panzeri, G.G. Mombelli, L. Calabresi, C. Giannattasio
Milan, ITALY

2 / 12 EFFECT OF SUPPLEMENTATION OF FRUIT EXTRACT (CRANBERRY, BLUEBERRY AND POMEGRANATE) ON INSULIN RESISTANCE AND OXIDATIVE STRESS IN HYPERTENSIVE PATIENTS

L.N.N. Gaeta, M.C. Moraes, K.Y. Katayama, C.T. Sangaletti, M.C. Irigoyen, S. Freitas, A. Viana, K. De Angelis, H.F. Lopes, E.C. Caldini
São Paulo, BRASIL

2 / 13 SAFETY AND EFFICACY OF INDAPAMIDE SUSTAINED RELEASE/ AMLODIPINE FIXED-DOSE COMBINATION IN ESSENTIAL HYPERTENSION

S. Bricout-Hennel¹, P. Zelveian², S. Nedogoda³
¹Suresnes, FRANCE, ²Yerevan, ARMENIA, ³Volgograd, RUSSIA

2 / 14 BLOOD PRESSURE AND ANTIHYPERTENSIVE DRUGS EFFECTS ON PLATELET OXIDATIVE STRESS AND HYPOCHLORITE ANION LEVELS IN HYPERTENSIVE PATIENTS

S.A. Serban, A.S. Hodorogea, M.M. Iordache, T. Savopol, I.T. Nanea, A.M. Iliesiu
Bucharest, ROMANIA

2 / 15 CARDIAC MYOSIN-ISOFORM SHIFT IS ACCOMPANIED BY STABLE MUSCLE-SPECIFIC MICRORNAS IN MONOCROTALINE-INDUCED PULMONARY HYPERTENSION

Z. Kmecova, M. Radik, J. Veteskova, B. Zsigmondova, E. Malikova, G. Doka, P. Krenek, J. Klimas
Bratislava, SLOVAK REPUBLIC

2 / 16 SMOOTHNESS INDEX OF CENTRAL BLOOD PRESSURE AND PARAMETERS FOR VASCULAR STIFFNESS AFTER 20 WEEK TREATMENT WITH LOSARTAN PLUS AMLODIPINE VS THIAZIDE RANDOMIZED TRIAL

J. Shin¹, H.-Y. Lee¹, W.J. Chung², H.J. Youn¹, E.J. Cho², K.C. Sung¹, S.C. Chae³, B.S. Yoo¹, C.G. Park¹, S.J. Hong¹, Y.K. Kim⁴, T.J. Hong⁵, D.J. Choi¹, M.S. Hyun¹, J.W. Ha¹, Y.J. Kim⁵, Y.G. Ahn⁶, M.-C. Cho⁷, S.G. Kim⁸, S. Park¹, I.S. Sohn¹, C.J. Kim¹
¹Seoul, ²Incheon, ³Daegu, ⁴Goyang, ⁵Busan, ⁶Gwangju, ⁷Cheongju, ⁸Guri, SOUTH KOREA

2 / 17 IMPACT OF THE TRIPLED FIXED-DOSE COMBINATION OF ANTIHYPERTENSIVE DRUGS ON CARDIAC ORGAN DAMAGE REGRESSION

A. Mazza¹, L. Schiavon¹, C. Rossetti¹, S. Lenti², A.P. Sacco¹, E. Ramazzina¹, F. Dell'Avvocata¹, E. Casiglia³

¹ Rovigo, ² Grottaglie, ³ Padua, ITALY

2 / 18 CONTRIBUTION FACTORS ON ACHIEVEMENT RATE OF TREATMENT GOALS OF BP AND LDL-C BY 3 MONTHS' THERAPY OF ROVELITO (FIXED DOSE COMBINATION PILL OF IRBESARTAN AND ATORVASTATIN)

S.-H. Ihm¹, J. Shin¹, C. Park¹, C. Kim²

¹ Seoul, ² Seongnam, SOUTH KOREA

2 / 19 INFLUENCE OF ANTIHYPERTENSIVE TREATMENT ON MMP-9 LEVELS IN CONTROLLED HYPERTENSIVE INDIVIDUALS

J. Vilela-Martin, L. Cosenso-Martin, F. Valente

São Jose do Rio Preto, BRAZIL

2 / 20 SELECTIVE DOWNREGULATION OF STROMAL CELL DERIVED FACTOR-1 ALPHA IN THE RIGHT VENTRICLE PRECEDES THE DEVELOPMENT OF PULMONARY HYPERTENSION IN MONOCROTALINE-TREATED RATS

J. Veteskova, Z. Kmecova, E. Malikova, J. Srankova, M. Obsivan, G. Doka, J. Klimas, P. Krenek
Bratislava, SLOVAK REPUBLIC

2 / 21 AGE-DEPENDENT HYPERTENSION AND VASCULAR REMODELING IN DAHL-S RATS ARE ASSOCIATED WITH ELEVATED LEVELS OF MARINOBUFAGENIN AND COGNITIVE DECLINE

O. Fedorova, Y.N. Grigorova, M. Hagood, R. McDevitt, J. Long, R. Mcpherson, A. Naraine, O. Juhasz, W. Wei, V. Zernetkina, N. Petrashevskaya, K.W. Fishbein, R.G. Spencer, P.R. Rapp, E.G. Lakatta

Baltimore, MD, USA

2 / 22 DOUBLE BLIND, RANDOMIZED, CONTROLLED CLINICAL TRIAL OF NACL + CHITOSAN 3% VS NACL ON BLOOD PRESSURE PARAMETERS OF PRE-HYPERTENSIVE PATIENTS

F.A. Allaert

Dijon, FRANCE

2 / 23 QUERCETIN INCREASES NITRIC OXIDE-DEPENDENT DILATION IN RAT THORACIC AORTA

S. Abdullaev, L. Kozaeva, O.S. Medvedev, E. Ruuge

Moscow, RUSSIA

Posters' Session PS03

RESISTANT HYPERTENSION

Chairperson: M. Marketou (*Heraklion, GREECE*)

ROOM **3** POSTERS FROM **1** TO **27**

3 / 1 PREVALENCE AND RISK FACTORS OF RESISTANT HYPERTENSION IN THE RENAL TRANSPLANT RECIPIENT

Z. Culjak, J. Radic, V. Kovacic

Split, CROATIA

3 / 2 PREDICTION OF LONG-TERM RENAL DENERVATION EFFICACY

J. Rosa¹, J. Kvasnicka¹, L. Lambert¹, P. Waldauf¹, T. Zelinka¹, O. Petrak¹, B. Strauch¹, R. Holaj¹, T. Indra¹, Z. Kratka¹, J. Klimova¹, J. Vaclavik², E. Kocianova², I. Nykl³, O. Jiravsky³, G. Rappova³, M. Taborsky², M. Branny³, J. Widimský¹

¹Prague, ²Olomouc, ³Trinec, CZECH REPUBLIC

3 / 3 EFFECTS OF TNF-ALPHA INHIBITON ON HEMODYNAMIC PARAMETERS AND BIOMARKERS IN RESISTANT HYPERTENSION

A.P. De Faria, A. Santa-Catharina, A.M.V. Ritter, R. Modolo, M. Pioli, N. Pires, M. Bertolo, H. Moreno

Campinas, BRAZIL

3 / 4 CARDIOPROTECTIVE EFFICACY OF RENAL DENERVATION: INFLUENCE OF BLOOD PRESSURE VARIABILITY

E. Sitkova, V. Lichikaki, V. Mordovin, S. Pekarskii, T. Ripp, A. Falkovskaya, O. Mochula, A. Baev, V. Usov

Tomsk, RUSSIA

3 / 5 IMPROVING AN EFFICIENCY OF RESISTANT HYPERTENSION TREATMENT WITH FIXED DOSE COMBINATION OF 3-COMPONENTS ANTIHYPERTENSIVE MEDICATION

M. Sheremet, L. Mishchenko, K. Serbeniuk, O. Matova

Kiev, UKRAINE

3 / 6 BLOOD PRESSURE CHANGES WITH RENAL DENERVATION IN PATIENTS WITH REFRACTORY HYPERTENSION AND END STAGE RENAL DISEASE ON MAINTENANCE HEMODIALYSIS (HD)

G. Singh¹, F. Scalise^{1,2}, C. Ballabeni¹, F. Maccario¹, G. Sorropago¹, G. Valenti¹, A. Sorropago¹, G. Mancía²

¹Monza, ²Verano Brianza, ITALY

3 / 7 EFFECTS OF RENAL DENERVATION ON BLOOD PRESSURE IN PATIENTS WITH END-STAGE RENAL DISEASE: A SINGLE CENTER EXPERIENCE

C. Ott, A. Schmid, T. Ditting, R. Veelken, M. Uder, R.E. Schmieder

Erlangen, GERMANY

3 / 8 A STANDARDIZED TRIPLE THERAPY COMBINED WITH ELECTRONIC MONITORING OF ADHERENCE NORMALIZES 24 H ABPM IN AT LEAST ONE THIRD OF PATIENTS WITH RESISTANT HYPERTENSION

G. Wuerzner¹, M. Berney¹, A. Planche Roduit¹, R. Schoenberger², G. Ehret³, A. Pechère-Bertschi³, M. Burnier¹

¹ Lausanne, ² Luzern, ³ Geneva, SWITZERLAND

3 / 9 REFRACTORY HYPERTENSION, ASSOCIATED AND TYPE 2 DIABETES MELLITUS: DIFFERENCE WITH RESISTANT HYPERTENSION

A. Falkovskaya, V. Mordovin, T. Ripp, E. Sitkova, I. Zyubanov, V. Lichikaki, M. Manukyan, A. Gusakova

Tomsk, RUSSIA

3 / 10 DOES HYPERURICEMIA INFLUENCE ON EFFICACY OF RADIOFREQUENCY SYMPATHETIC DENERVATION OF THE RENAL ARTERY?

N. Savelyeva, L. Gapon, V. Kuznetsov, G. Kolunin, E. Mikova, D. Krinochkin, A. Zherzhova, A. Ulyanov

Tomsk, RUSSIA

3 / 11 PATIENTS WITH RESISTANT HYPERTENSION AND NORMAL NOCTURNAL BLOOD PRESSURE DIPPING SHOW BETTER INFLAMMATION AND CARDIORESPIRATORY FITNESS

J. Mesquita Bastos¹, S. Lopes¹, V. Ribau¹, C. Garcia², S. Bertoquini³, I.P. Ribeiro⁴, D. Figueiredo¹, J.L. Viana², J.B. Melo⁴, A.J. Alves², F. Ribeiro¹, J. Polonia³

¹ Aveiro, ² Maia, ³ Porto, ⁴ Coimbra, PORTUGAL

3 / 12 SHORT- AND LONG-TERM SAFETY AND EFFICACY OUTCOMES OF SPIRONOLACTONE IN RESISTANT HYPERTENSION

I. Galceran, S. Vázquez, L. Sans, X. Duran, J. Pascual, A. Oliveras

Barcelona, SPAIN

3 / 13 PREVALENCE OF TARGET ORGAN DAMAGE IN PATIENTS WITH RESISTANT HYPERTENSION, ASSOCIATED WITH DIABETES MELLITUS TYPE 2

A. Falkovskaya, V. Mordovin, S. Pekarskiy, T. Ripp, E. Sitkova, I. Zyubanov, V. Lichikaki, M. Manukyan, T. Ryabova, A. Gusakova

Tomsk, RUSSIA

3 / 14 RESISTANT HYPERTENSION ASSOCIATED WITH TYPE 2 DIABETES MELLITUS, CLINICAL CHARACTERISTICS

A. Falkovskaya, V. Mordovin, S. Pekarskiy, T. Ripp, E. Sitkova, I. Zyubanov, V. Lichikaki, M. Manukyan, A. Gusakova

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3 / 15 NEED OF ANTIHYPERTENSIVE ADJUSTMENT THROUGHOUT THE ONCOLOGIC TREATMENT

N. Martell-Claros, M. Abad-Cardiel, J.A. Garcia-Donaire

Madrid, SPAIN

3 / 16 THE IMPACT OF CHRONOTHERAPY OF FIXED-DOSE TRIPLE-COMBINATION ON BLOOD PRESSURE TARGETS IN RESISTANT AND CONTROLLED HYPERTENSION PATIENTS

O. Matova, L. Mishchenko, M. Sheremet
Kiev, UKRAINE

3 / 17 LONG ANTIHYPERTENSIVE EFFECT OF RENAL DENERVATION TO 3 YEARS OF FOLLOW-UP

V. Lichikaki, V. Mordovin, S. Pekarskiy, T. Ripp, A. Falkovskaya, E. Sitkova, I. Zubanova, A. Baev
Tomsk, RUSSIA

3 / 18 THE EFFICACY OF FIXED TRIPLE COMBINATION THERAPY IN ROUTINE CLINICAL PRACTICE

M. Kamasová¹, J. Václavík¹, E. Kocianova¹, P. Gaja², M. Táborský¹
¹ Olomouc, ² Sumperk, CZECH REPUBLIC

3 / 19 USE OF TRIPLE FIXED-DOSE ANTIHYPERTENSIVE DRUG COMBINATIONS IN RESISTANT HYPERTENSION – AMBULATORY BLOOD PRESSURE MONITORING RESULTS

P. Dolenc, B. Salobir, A. Erhartic, N. Bozic, J. Knez, J. Brguljan
Ljubljana, SLOVENIA

3 / 20 THE ROLE OF HIGH DIETARY SALT INTAKE IN DEVELOPMENT OF RESISTANT HYPERTENSION

G. Khamidullaeva, L. Khafisova, A. Nagay, D. Kurbanova, N. Srojidinova
Tashkent, UZBEKISTAN

3 / 21 COMPARATIVE EVALUATION OF RESISTANT AND REFRACTORY HYPERTENSION: CLINICAL AND ABPM DATA

K. Mako, C. Ureche, Z. Jeremias
Targu Mures, ROMANIA

3 / 22 SEVERE HYPERTENSION IN A YOUNG BOY WITH PARAGANGLIOMA OF THE ORGAN OF ZUCKERKANDL TREATED WITH THERMOABLATION

G. Ferrante, S. Carugo
Milan, ITALY

3 / 23 RESISTANT HYPERTENSION IN ELDERLY: A CLINICAL MANIFESTATION OF HFPEF? RETROGRADE SINGLE CENTER ANALYSIS

E.I. Turkoglu
Izmir, TURKEY

3 / 24 FACTORS ASSOCIATED WITH RESISTANCE TO ANTIHYPERTENSIVE THERAPY

L. Bezrodna, L. Mishchenko, V. Bezrodnyi, O. Matova, M. Sheremet
Kiev, UKRAINE

3 / 25 THE RESISTANT ARTERIAL HYPERTENSION AND VARIABILITY OF HEART RHYTHM

A. Logvinenko, L. Mishchenko, E. Kupchynska, O. Gulkevych, T. Ovdienko, E. Matova, M. Mospan
Kiev, UKRAINE

3 / 26 CORRELATION RELATIONSHIPS AGES, OFFICE BLOOD PRESSURE, EGFR, RENIN, ALDOSTERONE, METANEPHRYS LEVELS IN PATIENTS WITH RESISTANT HYPERTENSION

O. Rekovets, O. Torbas, S. Kushnir, G. Primak, V. Granich, G. Ponomareva, Y. Sirenko
Kiev, UKRAINE

3 / 27 ENDOVASCULAR RENAL DENERVATION EFFICACY AND FEASIBILITY IN END-STAGE KIDNEY DISEASE WITH RESISTANT HYPERTENSION

A. Mazza¹, F. Dell'Avvocata¹, F. Fiorini¹, F. Michielan¹, A.F. Compostella¹, E. Contato¹, L. Schiavon¹, E. Ramazzina¹, E. Casiglia²
¹ Rovigo, ² Padua, ITALY

Posters' Session PS04

HEART

Chairperson: M. Camafort (*Barcelona, SPAIN*)

ROOM **4** POSTERS FROM **1** TO **24**

4 / 1 THE PATHOGENESIS OF HYPERTENSIVE HEART IN EXTREME NORTH CONDITIONS

N. Shurkevich¹, A. Vetoshkin², L. Gapon¹, D. Gubin¹
¹ Tyumen, ² Yamburg, RUSSIA

4 / 2 LABORATORY PREDICTORS OF THE RISK OF RECURRENT CARDIOVASCULAR EVENTS IN PATIENTS WITH UNSTABLE ANGINA AND ARTERIAL HYPERTENSION AND STENTING OF THE CORONARY ARTERIES

I. Lazareva, A. Miadzvedzeva, L. Gelis, I. Rousskikh
Minsk, BELARUS

4 / 3 CARDIOTOXICITY IN PATIENTS WITH TRIPLE NEGATIVE BREAST CANCER UNDERGOING ANTHRACYCLINE CHEMOTHERAPY DEPENDING ON BLOOD PRESSURE LEVEL

A. Avalyan, V. Shitov, M. Saidova, M. Bolotova, E. Oshchepkova, I. Chazova
Moscow, RUSSIA

4 / 4 HEMODYNAMIC MODULATORS (VOLEMIA, INOTROPY, CHRONOTROPY AND VASOACTIVITY) AND HEMODYNAMIC STATUS IN TREATMENT-NAÏVE, DEBUTING HYPERTENSIVE PATIENTS

E. Rodilla Sala, B. De Berardinis Moreno, B. Carreras Gamón, J. Costa Muñoz, J. Pascual Izuel
Valencia, SPAIN

4 / 5 EARLY MARKERS OF CARDIOTOXICITY IN PATIENTS WITH BREAST CANCER WITH OR WITHOUT ARTERIAL HYPERTENSION

A. Avalyan, V. Shitov, M. Saidova, M. Bolotova, E. Oshchepkova, I. Chazova
Moscow, RUSSIA

4 / 6 PROGNOSTIC VALUE OF OFFICE BLOOD PRESSURE MEASUREMENT AND HYPERTENSION DIAGNOSIS IN ATRIAL FIBRILLATION: SYSTEMATIC REVIEW AND META-ANALYSIS

A. Kollias, K. Kyriakoulis, E. Stambolliu, G.S. Stergiou
Athens, GREECE

4 / 7 PREVALENCE OF ARTERIAL HYPERTENSION IN PATIENTS WITH ATRIAL FIBRILLATION: ONE CENTER EXPERIENCE

M. Stojanovic, M. Deljanin-Ilic, V. Mitic, I. Krstic, D. Simonovic
Niš, SERBIA

4 / 8 CORRELATION BETWEEN GRADE OF HYPERTENSION AND EXTENSION OF CORONARY ARTERY DISEASE IN HYPERTENSIVE PATIENTS – CROSS-SECTIONAL STUDY FROM CENTRAL ROMANIA

I. Tilea, A. Bocicor, D. Petra, A. Varga
Targu Mures, ROMANIA

4 / 9 NONINVASIVE PARAMETERS IN TREATED HYPERTENSIVE PATIENTS HAVE BETTER CORRELATION WITH TARGET ORGAN DAMAGE THAN THE POSSIBILITY OF PREDICTING 5-YEAR TREATMENT OUTCOME

D. Djordjevic, I. Tasic, S. Kostic, M. Lovic, B. Stamenkovic, A. Djordjevic, D. Lovic
Niš, SERBIA

4 / 10 EVALUATION OF PLATELET-PLASMA HAEMOSTASIS IN PATIENTS WITH UNSTABLE ANGINA AND STENTING OF THE CORONARY ARTERIES IN THE PRESENCE OF HYPERTENSION

I. Lazareva, A. Miadzedzeva, L. Gelis, I. Rousskikh, A. Zourav
Minsk, BELARUS

4 / 11 TELMISARTAN, A DUAL ARB/PARTIAL PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR GAMMA AGONIST, PROTECTS MYOCARDIUM FROM ISCHAEMIC REPERFUSION INJURY IN EXPERIMENTAL DIABETES

S. Garg, S. Goel, D.S. Arya
New Delhi, INDIA

4 / 12 RELATIVELY IMPAIRED CORTISOL SUPPRESSION BY DEXAMETHASONE IS ASSOCIATED WITH LEFT VENTRICULAR MASS AND GEOMETRIC CHANGES IN PATIENTS WITH ESSENTIAL HYPERTENSION

C. Catena, G. Colussi, N. Marileda, R. Abrusci, A. Frangipane, A. Duratti, L.A. Sechi
Udine, ITALY

4 / 13 CORRELATION OF ARTERIAL STIFFNESS AND 25(OH) VITAMIN D LEVEL IN POSTMENOPAUSAL WOMEN WITH CONTROLLED UNCOMPLICATED HYPERTENSION

K.M. Amosova, V.V. Povoroznyuk, O.I. Nishkumay, K.P. Lazarieva, G.V. Mostbauer, P.A. Lazarev, Y.V. Rudenko
Kiev, *UKRAINE*

4 / 14 MYOCARDIAL STIFFNESS AND LEFT VENTRICULAR HYPERTROPHY IN THE MIDDLE-AGED HYPERTENSIVE PATIENTS

O. Ostroumova, A. Kochetkov, M. Lopukhina, G. Piksina, V. Vikentiev
Moscow, *RUSSIA*

4 / 15 ATRIAL FIBRILLATION AND ARTERIAL HYPERTENSION. VARIANCE OF SERUM URIC ACID LEVELS IN BOTH DISEASES

M. Kallistratos, S. Giannitsi, L. Poulimenos, N. Miaris, A. Koukouzeli, L.A. Khashlok, N. Kouremenos, P. Tsiniyov, N. Kontogiannis, E. Chamodrakas, D. Athanasiou, A. Kalogeris, K. Kyfnidis, A. Pittaras, A.J. Manolis
Athens, *GREECE*

4 / 16 DETERMINANTS AND PROGNOSTIC VALUE OF UNASSESSABLE LEFT VENTRICULAR MASS INDEX IN HYPERTENSIVE PATIENTS

P.-Y. Courand, A. Grandjean, C. Mouly-Bertin, C. Berge, B. Harbaoui, P. Lantelme
Lyon, *FRANCE*

4 / 17 ATRIAL FIBRILLATION DETECTION DURING AUTOMATED BLOOD PRESSURE MEASUREMENT: A SYSTEMATIC REVIEW AND META-ANALYSIS

K. Kyriakoulis, A. Kollias, E. Stambolliu, G.S. Stergiou
Athens, *GREECE*

4 / 18 CLINICAL DETERMINANTS OF ANGIOTENSIN CONVERTING ENZYME INHIBITORS/ANGIOTENSIN RECEPTOR BLOCKERS USE IN AN EARLY PHASE AFTER ACUTE HEART FAILURE HOSPITALIZATION

J. Simonavicius¹, A. Mikalauskas¹, V. Juknevičius¹, P. Budrys¹, I. Navickaite², E. Kavaliunaite², A. Mebazaa³, A. Kavoliuniene², J. Celutkienė¹
¹ Vilnius, ² Kaunas, *LITHUANIA*, ³ Paris, *FRANCE*

4 / 19 LEVEL OF ARTERIAL BLOOD PRESSURE DENOTES DIFFERENT BIOMARKER PROFILE IN ACUTE HEART FAILURE PATIENTS

G. Jakutis¹, A. Mikalauskas¹, J. Simonavicius¹, V. Juknevičius¹, D. Verikas², A. Mebazaa³, A. Kavoliuniene², J. Celutkienė¹
¹ Vilnius, ² Kaunas, *LITHUANIA*, ³ Paris, *FRANCE*

4 / 20 INTERRELATIONSHIP BETWEEN CHANGES OF E/E' AT REST AND AFTER EXERCISE AND NT-PRO-BNP IN MILD HYPERTENSION PATIENTS WITH STRUCTURAL CHANGES AND DYSPNOEA

K.M. Amosova, O. Vasylenko, J. Rudenko, A. Bezrodnyy, G. Mostbauer, I. Prydkiy, P.A. Lazarev, O. Khodakivska, U. Sychenko, A. Sablin, N. Melnychenko, I. Gorda, K.P. Lazarieva, N. Shiskina, I. Burlachenko, A. Marchenko
Kiev, *UKRAINE*

4 / 21 PARAMETERS OF ELASTIC PROPERTIES, ECHOCARDIOGRAPHIC RANGES, INFLAMMATION AND LEVEL OF URIC ACID IN PATIENTS WITH CORONARY HEART DISEASE COMBINED WITH LIVER PATHOLOGY

M. Grechanyk, D. Chvora, L. Trunova, I. Bohovina, A. Kuryata
Dnepr, UKRAINE

4 / 22 RELATIONSHIP BETWEEN MONOCYTE SUBSETS, IL-6 AND HS-CRP WITH THE SEVERITY OF CORONARY ARTERY DISEASE IN STABLE ANGINA PECTORIS PATIENTS

A. Aboualia, E. Mokhtar, B. Saleh, H. Nageb
Cairo, EGYPT

4 / 23 PULSE-COR REGISTRY: VENTRICLE-ARTERIAL INTERACTIONS AND ITS ASSOCIATION WITH LV DIASTOLIC FUNCTION

O. Torbas, S. Kushnir, O. Rekovets, Y. Sirenko
Kiev, UKRAINE

4 / 24 THE IMPACT OF HYPERTENSION ON QT DISPERSION AND ECHOCARDIOGRAPHIC PARAMETERS IN PATIENTS AFTER MYOCARDIAL INFARCTION

V. Stoickov, M. Deljanin Ilic, M. Stoickov, S. Saric, I. Tasic, D. Marinkovic, I. Stoickov, S. Mitic, S. Andonov
Niš, SERBIA

Posters' Session PS05

LIFESTYLE, HYPERTENSION MANAGEMENT

Chairperson: J. Panisello Royo (*Barcelona, SPAIN*) ROOM **5** POSTERS FROM **1** TO **20**

5 / 1 SELECTED PREDICTORS AFFECTING ADHERENCE IN PHARMACOLOGICAL TREATMENT OF ARTERIAL HYPERTENSION

B. Jankowska Polanska, A. Chudiak, K. Dudek, G. Mazur
Wroclaw, POLAND

5 / 2 IMPROVING THERAPEUTIC COMPLIANCE OF DABIGATRAN IN PREVENTING STROKE IN PATIENTS WITH NON-VALVULAR ATRIAL FIBRILLATION: DRUG INTAKE REMINDER STRATEGY

E. Marquez Contreras ¹, N. Martell-Claros ², S. Marquez-Rivero ¹, E. Hermida-Campa ³, C. García-Diez ¹
¹ Huelva, ² Madrid, ³ Alicante, SPAIN

5 / 3 LINKS BETWEEN BLOOD PRESSURE AND LIFE-STYLE FACTORS REPORTED VIA A MOBILE PHONE-BASED SELF-MANAGEMENT SUPPORT SYSTEM

U. Bengtsson, K. Kjellgren, I. Hallberg, K. Manhem, C. Taft
Gothenburg, SWEDEN

5 / 4 DIFFERENTIATING HYPERTROPHIC CARDIOMYOPATHY FROM HYPERTENSIVE LEFT VENTRICULAR HYPERTROPHY USING A NOVEL MULTI-LAYER TRANSTHORACIC ECHOCARDIOGRAPHY TECHNIQUE

T. Xu¹, J.P. Sun², X.D. Ni³, J.L. Hu⁴, X.S. Yang², S.C. Wang⁴, B.P. Yan², Y. Li¹, J.G. Wang¹

¹ Shanghai, ² Hongkong, ³ Wenzhou, ⁴ Shandong, CHINA

5 / 5 A COMPARATIVE STUDY BETWEEN EUROPEAN GUIDELINES AND AMERICAN GUIDELINES USING FUZZY SYSTEMS FOR THE CLASSIFICATION OF BLOOD PRESSURE

P. Melin, G. Prado-Arechiga, J.C. Guzman, I. Miramontes

Tijuana, MEXICO

5 / 6 ASSOCIATION OF DIETARY SODIUM INTAKE AND 24H URINE SODIUM EXCRETION WITH ENDOTHELIAL DYSFUNCTION AND URINARY ALBUMIN EXCRETION IN EARLY-STAGE HYPERTENSIVE INDIVIDUALS

A. Vamvakis, P. Anyfanti, A. Lazaridis, E. Gavriilaki, B. Nikolaidou, A. Triantafyllou, P. Dolgyras, E. Gkaliagkousi, S. Douma

Thessaloniki, GREECE

5 / 7 PATIENTS' KNOWLEDGE AS A PREDICTOR OF MEDICATION ADHERENCE AMONG PATIENTS WITH HYPERTENSION

B. Jankowska Polanska, K. Dudek, G. Mazur

Wroclaw, POLAND

5 / 8 ASSESSMENT OF ADHERENCE TO ANTIHYPERTENSIVE DRUGS IN PATIENTS WITH RESISTANT HYPERTENSION RECEIVING OPTIMAL TREATMENT

B. Kichou, N. Henine, L. Kichou, M. Ait Said, M. Benbouabdellah, S. Hacherouf,

A. Mazeghrane

Tizi-Ouzou, ALGERIA

5 / 9 EFFECT OF RENAL DENERVATION ON CARDIAC FUNCTION AND APOPTOSIS-RELATED GENES' EXPRESSION IN HEART FAILURE DOGS

M. Xu, C.Z. Lu, Q.L. Feng

Tianjin, CHINA

5 / 10 IMPORTANCE OF THE DIRECTLY OBSERVED TREATMENT INTAKE ON THE APPROACH OF PATIENTS WITH RESISTANT HYPERTENSION

J. Polonia¹, A. Salgueiro³, J. Silva², L. Barbosa²

¹ Porto, ² Matosinhos, ³ Póvoa de Varzim/ Vila do Conde, PORTUGAL

5 / 11 INVOLVED RISK FACTORS OF TOTAL AND CARDIOVASCULAR MORTALITY IN THE POPULATION LIVING IN THE RADIOACTIVE CONTAMINATED TERRITORY

A.I. Schastlivenko¹, A.D. Deev², I.S. Schastlivenka¹, N.R. Prakoshyna¹

¹ Vitebsk, BELARUS, ² Moscow, RUSSIA

5 / 12 PATIENT-ORIENTED ASSESSMENT OF BLOOD PRESSURE TELEMONITORING AND REMOTE COUNSELING IN HYPERTENSIVE PATIENTS: A PILOT PROJECT

M. Ionov, Y. Yudina, N. Avdonina, I. Emelyanov, D. Kurapeev, N. Zvartau, A. Konradi
Saint Petersburg, RUSSIA

5 / 13 ASSOCIATION BETWEEN SALT INTAKE AND URIC ACID, AND ITS INTERACTION ON THE INCIDENCE OF PREHYPERTENSION AMONG CHINESE YOUNG ADULTS

Y. Wang¹, J.-W. Hu¹, P.-F. Qu¹, K.-K. Wang¹, Y. Yan¹, C. Chu¹, W.-L. Zheng¹, X.-J. Xu²,
Y.-B. Lv¹, Q. Ma¹, K. Gao¹, Y. Yuan¹, Z.-Y. Yuan¹, J.-J. Mu¹

¹ Xi An, ² Zhengzhou, CHINA

5 / 14 EFFECTS AND MECHANISM OF RDN ON MYOCARDIAL INFARCTION

C.Z. Lu, M.P. Xu
Tianjin, CHINA

5 / 15 VENTRICULAR ARRHYTHMIAS IN YOUNG ATHLETES: ARE THERE ANY POSSIBLE PREDICTORS?

L. Toncelli, M. Chiostrì, A. Bartolini, G. Ciullini, M. Vono, B. Tosi, P.A. Modesti, G. Galanti
Florence, ITALY

5 / 16 MRI BASED DETECTION OF RENAL ARTERY ABNORMALITIES RELATED TO RENAL DENERVATION BY CATHETER BASED RADIO-FREQUENCY ABLATION IN DRUG RESISTANT HYPERTENSIVE PATIENTS

M. Sigovan¹, S. Si Mohamed¹, P.-Y. Courand¹, B. Harbaoui¹, M. Sapoval², P. Douek¹,
P. Lantelme¹, L. Bousset¹

¹ Lyon, ² Paris, FRANCE

5 / 17 THE LONG-TERM EFFECTIVENESS OF A SMARTPHONE APPLICATION TO REDUCE SEDENTARY TIME IN PRIMARY CARE. EVIDENT II STUDY

P. Martínez-Perez, M. Gómez-Sánchez, L. Gomez-Sanchez, C. Agudo-Conde,
J. Recio-Rodríguez, M. del Rio-García, C. Lugones-Sanchez, J. Gonzalez-Sanchez,
M. Gomez-Marcos, L. Garcia-Ortiz
Salamanca, SPAIN

5 / 18 DIFFERENCES OF EATING HABITS CAUSING HIGH SALT INTAKE OBSERVED IN SHIMANE COHRE STUDY

M. Isomura, T. Abe, T. Nabika
Izumo, JAPAN

5 / 19 IMPACT OF SOCIOECONOMIC FACTORS ON DAILY URINARY SODIUM AND POTASSIUM EXCRETION IN CHINESE FIRST GENERATION MIGRANTS IN ITALY

R. Tavilla¹, S. Rapi¹, A. Rogolino¹, L. Toncelli¹, M. Boddi¹, F. Cappuccio², G. Galanti¹,
P.A. Modesti¹

¹ Florence, ITALY, ² Coventry, UNITED KINGDOM

5 / 20 USEFULNESS OF TWO-DIMENSIONAL ECHO STRAIN IN EVALUATION OF CARDIAC FUNCTION IN ELITE ATHLETES

B. Tosi, B. Leone, L. Toncelli, P.A. Modesti, G. Galanti
Florence, ITALY

Posters' Session PS06

BLOOD PRESSURE MEASUREMENT AND VARIABILITY

Chairperson: S. Cinza Sanjurjo (*Santiago, SPAIN*)

ROOM 6 POSTERS FROM 1 TO 36

6 / 1 INFLUENCE OF HYPERURICEMIA ON ELASTIC PROPERTIES OF ARTERIES IN PATIENTS WITH ARTERIAL HYPERTENSION

O. Torbas, S. Kushnir, Y. Sirenko
Kiev, UKRAINE

6 / 2 INTER-ARM BLOOD PRESSURE DIFFERENCE: THE PREVALENCE AND CHARACTERISTICS IN KOREAN GENERAL POPULATION

J.-H. Lee¹, K. Hwnag¹, M. Cho¹, M.-Y. Rhee²
¹ Choengju, ² Goyang, SOUTH KOREA

6 / 3 HYPERTENSIVE WOMEN WITH AN EXTREME-DIPPER PROFILE HAVE A MORE IMPAIRED SUB-ENDOCARDIAL VIABILITY THAN MEN

G. Amah, R. Ouardani, A. Adrien-Pasteur, S. Voicu, M.E. Safar, N. Kubis, P. Bonnin
Paris, FRANCE

6 / 4 CORRELATION OF SERUM NGAL LEVELS, HYPERTENSION AND DIASTOLIC FUNCTION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION

N. Sabanovic Bajramovic, M. Kulic, S. Sokolovic, N. Naser, E. Hodzic, L. Brigic, M. Halilcevic
Sarajevo, BOSNIA AND HERZEGOVINA

6 / 5 HOW TO IMPROVE THE CALCULATION OF MEAN ARTERIAL PRESSURE AT THE BRACHIAL ARTERY LEVEL

G. Furlanis¹, A. Grillo², C. Baldi¹, M. Rovina¹, G. Bilo², P. Salvi², R. Carretta¹, G. Parati²
¹ Trieste, ² Milan, ITALY

6 / 6 EFFECT OF DIFFERENT BLOOD PRESSURE TARGETS AND MEASUREMENT METHODS ON PREVALENCE OF CONTROLLED HYPERTENSION: THE IMPACT OF THE 2017 ACC/AHA BLOOD PRESSURE GUIDELINES

M. Pappaccogli, F. Rabbia, S. Di Monaco, E. Perlo, C. Maldarizzi, C. Fulcheri, A. Milan, P. Mulatero, F. Veglio
Turin, ITALY

6 / 7 MASS SCREENING FOR HYPERTENSION IS FEASIBLE IN RURAL INDIA

A. More¹, A. Takalkar¹, K. More¹, H. Kharolkar¹, S. Padule¹, M. Bhise¹, D. Dighole¹, H. Wadgave², M.H. Olsen³
¹ Latur, ² Osmanabad, INDIA, ³ Odense, DENMARK

6 / 8 AMERICAN HEART ASSOCIATION VERSUS JNC7 HYPERTENSION GUIDELINE FOR DETECTION OF HYPERTENSION IN A MALAYSIAN POPULATION

Y.C. Chia^{1,2}, S.M. Ching³, N.K. Devaraj³

¹ Kuala Lumpur, ² Bandar Sunway, Subang Jaya, ³ Serdang, Selangor, MALAYSIA

6 / 9 UNATTENDED VS ATTENDED BP MEASUREMENT: MEAN VALUES AND DETERMINANTS OF THE DIFFERENCE

A. Paini, M. Salvetti, F. Bertacchini, D. Stassaldi, G. Maruelli, C. Arnoldi, E. Agabiti Rosei, M.L. Muiesan

Brescia, ITALY

6 / 10 MUSCULAR ARTERIAL TONE IS A DETERMINANT OF PERIPHERAL MUSCULAR ARTERY STIFFNESS

A. Patzak¹, D. Braun¹, J. Schleifenbaum¹, G. Küchler²

¹ Berlin, ² Randersacker, GERMANY

6 / 11 ASSOCIATION OF SHORT-TERM VARIABILITY INDICES WITH COMMON CAROTID ARTERY INTIMA-MEDIA THICKNESS IN CHRONIC KIDNEY DISEASE PATIENTS

K. Manousopoulos, A. Lykka, F. Michas, K. Kostogianni, E. Koroboki, A. Dimitriou, N. Zakopoulos, E. Manios

Athens, GREECE

6 / 12 PULSE PRESSURE AMPLIFICATION DIPPING PATTERN DURING SLEEP TIME: THE SAFAR STUDY

A. Argyris¹, E. Nasothimiou¹, E. Aissopou¹, T. Papaioannou¹, Y. Zhang², J. Blacher³, M.E. Safar³, P. Sfikakis¹, A. Protogerou¹

¹ Athens, GREECE, ² Shanghai, CHINA, ³ Paris, FRANCE

6 / 13 FACTORS ASSOCIATED WITH AN INCREASED SYSTOLIC BLOOD PRESSURE VISIT- TO-VISIT VARIABILITY IN A TERTIARY HEALTH CARE CENTER

B. Kichou, N. Henine, L. Kichou, M. Ait Said, M. Benbouabdellah, S. Hacherouf, A. Mazeghrane, A. Hammouche

Tizi-Ouzou, ALGERIA

6 / 14 IS 30 MINUTES INTERVAL ENOUGH FOR ANALYZING AMBULATORY BLOOD PRESSURE MONITORING?

M. Stojanovic

Belgrade, SERBIA

6 / 15 UNOBSERVED OFFICE BLOOD PRESSURE MEASUREMENTS ARE NOT PROBABLY NECESSARY IN ALL PATIENTS VISITING AN OUTPATIENT CARDIOLOGY CLINIC

E. Triantafyllidi, D. Voutsinos, K. Sioula, A. Schoinas, D. Benas, G. Pavlidis, I. Ikonmidis, E. Iliodromitis

Athens, GREECE

6 / 16 SEVEN-DAY/24 H AMBULATORY BLOOD PRESSURE MONITORING: REST AND EXERCISE

J. Siegelova¹, A. Havelkova¹, J. Dusek¹, L. Dunklerova¹, P. Dobsak¹, G. Cornélissen²
¹ Brno, CZECH REPUBLIC, ² Minnesota, MN, USA

6 / 17 PREVALENCE AND PREDICTORS OF ORTHOSTATIC HYPOTENSION IN HYPERTENSIVE PATIENTS

G. Rivasì, A. Ceccofiglio, M. Rafanelli, F. Sgrilli, M. Bulgaresi, A. Giordano, L. Martella,
C. Lorenzi, G. Turrin, G. Casini, A. Ungar
 Florence, ITALY

6 / 18 THE ROLE OF NIGHTTIME HYPERTENSION AND DIPPING PATTERNS IN ASSESSING SODIUM SENSITIVITY OF BLOOD PRESSURE

X. Xing, X. Yang, F. Liu, J. Li, J. Cao, J. Chen, D. Gu, J. Huang
 Beijing, CHINA

6 / 19 RECTANGULAR CUFFS OVERESTIMATE BLOOD PRESSURE IN OBESE PEOPLE WITH VERY LARGE ARMS

P. Palatini, E. Benetti, C. Fania, F. Saladini
 Padua, ITALY

6 / 20 DIURNAL RHYTHM OF CENTRAL HEMODYNAMICS DURING TWENTY-FOUR-HOUR AMBULATORY MONITORING

B. Benczur¹, R. Bocskei², M. Illyes², A. Cziraki²
¹ Szekszard, ² Pecs, HUNGARY

6 / 21 ASSESSMENT OF SUBCLINICAL TARGET ORGAN DAMAGE BY COMPONENTS OF BLOOD PRESSURE: COMPARISON OF CENTRAL AND PERIPHERAL ARTERIAL PRESSURE

J. Zuo¹, S. Chu¹, I. Tan², M. Butlin², J. Zhao², A. Avolio¹
¹ Sydney, AUSTRALIA, ² Shanghai, CHINA

6 / 22 STRATEGY OF DISTANCE ACTIVE CONTROL IS ASSOCIATED WITH MORE PRONOUNCED ACHIEVEMENT OF TARGET BLOOD PRESSURE AND REDUCED EMERGENCY CALLS

Iu. Sharapova¹, S. Villevalde², I. Starodubtseva¹
¹ Voronezh, ² Moscow, RUSSIA

6 / 23 THE ACCURACY OF CENTRAL BLOOD PRESSURE OBTAINED BY OSCILLOMETRIC NONINVASIVE METHOD IN CHILDREN

M. Shiraishi, T. Murakami
 Chiba, JAPAN

6 / 24 THE DIAGNOSTIC THRESHOLD OF 2017 ACC/AHA HYPERTENSION GUIDELINES INCREASES WHITE-COAT HYPERTENSION

M.-Y. Rhee, J.H. Kim, J. Namgung, S.Y. Lee, D.K. Cho, T.Y. Choi, S.Y. Kim
 Goyang, SOUTH KOREA

6 / 25 REFLECTION ON MOBILE APPLICATIONS FOR BLOOD PRESSURE MANAGEMENT: A SYSTEMATIC REVIEW ON POTENTIAL EFFECTS AND INITIATIVES

R. Mohammadi, M. Ayatollahi Tafti, S. Hoveidamanesh, R. Ghanavati, O. Pournik
Tehran, IRAN

6 / 26 CUFF-LESS BLOOD PRESSURE MEASUREMENT USING THE PULSE TRANSIT TIME - A COMPARISON TO CUFF-BASED OSCILLOMETRIC 24 HOUR BLOOD PRESSURE MEASUREMENT IN CHILDREN

M. Hulpke-Wette¹, A. Göhler², E. Hofmann², G. Küchler²
¹Göttingen, ²Randersacker, GERMANY

6 / 27 DAILY BLOOD PRESSURE PROFILE FEATURES AND CAROTID STIFFNESS IN HYPERTENSIVE FEMALES WITH COMORBID RHEUMATOID ARTHRITIS

O. Sirenko, O. Kuryata
Dnipro, UKRAINE

6 / 28 HEALTH PROFESSIONALS AND BLOOD PRESSURE MEASUREMENT: SCOPING REVIEW AND PROTOCOL FOR KNOWLEDGE, PERCEPTION AND PRACTICE

S. Todkar¹, R. Padwal², L. Cloutier¹
¹Quebec, ²Alberta, CANADA

6 / 29 NURSE-OBP: A NURSING STANDARDISED METHOD FOR MEASURING BLOOD PRESSURE

M. Pappaccogli, F. Rabbia, S. Di Monaco, E. Perlo, C. Maldarizzi, E. Eula, C. Fulcheri, A. Milan, P. Mulatero, F. Veglio
Turin, ITALY

6 / 30 AN ABNORMAL BETWEEN-ARM BLOOD PRESSURE DIFFERENCE IS ASSOCIATED WITH CARDIOVASCULAR RISK FACTORS AND DISEASE: A COMMUNITY STUDY

S. Omboni¹, W. Verberk^{2,3}
¹Solbiate Arno, ITALY, ²Maastricht, THE NETHERLANDS, ³Widnau, SWITZERLAND

6 / 31 EFFECTS OF 5-STEP COST-EFFECTIVE TREATMENT ALGORITHM ON AWARENESS, TREATMENT AND CONTROL OF HYPERTENSION IN RESOURCE-CONSTRICTED NORTHWEST CHINA OVER THE PAST 17 YEARS

N. Li, Q. Shi, M. Heizhati, L. Zhou, X. Yao, D. Zhang
Urumqi, CHINA

6 / 32 BLOOD PRESSURE AND HEMODYNAMIC PARAMETERS AFTER ACUTE AEROBIC, RESISTANCE AND COMBINED EXERCISES IN RESISTANT HYPERTENSIVE SUBJECTS

N. Fraccari Pires Vilella, C. Gasparetti, B. Bavaresco, H. Coelho Júnior, M. Rodrigues Pioli, V.F. Santos, A. Almeida, N. Batista Corrêa, V. Brunelli, A.P. De Faria, R. Modolo, B. Rodrigues, A.M.V. Ritter, H. Moreno
Campinas, BRAZIL

6 / 33 CORRELATION OF RIGIDITY OF THE VASCULAR WALL WITH TARGET ORGANS IN POSTMENOPAUSAL FEMALE PATIENTS

K. Avdeeva, T. Petelina, L. Gapon, N.A. Musikhina, A.E. Shcherbinina
Tyumen, RUSSIA

6 / 34 RELATIONSHIP BETWEEN BLOOD PRESSURE VARIABILITY IN WORKPLACE AND PSYCHOLOGICAL STATE IN HYPERTENSIVE PATIENTS

G. Andreeva, A.D. Deev
Moscow, RUSSIA

6 / 35 WAVE REFLECTION IS INVERSELY ASSOCIATED WITH THE DEVELOPMENT OF MYOCARDIAL HYPERTROPHY AMONG HYPERTENSIVE SUBJECTS

E. Andreadis, G. Kolyvas, C. Geladari, A. Georgantoni, F. Savva, K. Apeiranthiti, E. Pantikidi
Athens, GREECE

6 / 36 COMPARISON OF AUTOMATED BLOOD PRESSURE MEASUREMENTS WITH CONVENTIONAL READINGS IN A MUNICIPAL OUTPATIENT CLINIC

E. Andreadis, C. Geladari
Athens, GREECE

Posters' Session PS07

KIDNEY AND RAAS, ENDOCRINE HYPERTENSION

Chairperson: M. Frías Vargas (*Madrid, SPAIN*)

ROOM **7** POSTERS FROM **1** TO **24**

7 / 1 EFFECTS OF EMPAGLIFLOZIN ON SALT-SENSITIVE HYPERTENSION AND RENAL INFLAMMATION IN RAT

G.-H. Kim, C.H. Jo, S. Kim
Seoul, SOUTH KOREA

7 / 2 KLOTHO SUPPLEMENTATION ATTENUATES BLOOD PRESSURE AND CYST GROWTH IN MOUSE POLYCYSTIC KIDNEY DISEASE

T. Takenaka¹, H. Kobori¹, T. Miyazaki², H. Suzuki², A. Nishiyama³, N. Ishii⁴, M. Hayashi⁵
¹ Chiba, ² Saitama, ³ Kagawa, ⁴ Kanagawa, ⁵ Tokyo, JAPAN

7 / 3 ASSOCIATION STUDY OF URIC ACID TRANSPORTER GLUT9 GENOTYPE WITH THE RENIN-ANGIOTENSIN SYSTEM

T. Konoshita, M. Urabe, S. Kaeriyama, T. Nakaya, M. Yamada, M. Ichikawa, S. Sato, K. Yamamoto, M. Imagawa, M. Fujii, Y. Zenimaru, J. Suzuki, Y. Makino
Fukui, JAPAN

7 / 4 ANGIOTENSIN II TRIGGERS PODOCYTE APOPTOSIS THROUGH THE MODULATION OF CD2AP AND AMPK

T.-S. Ha, H. Park, S. Min
Cheongju, SOUTH KOREA

7 / 5 METABOLIC SYNDROME AND CARDIOVASCULAR RISK IN PATIENTS ON CHRONIC HEMODIALYSIS OF THE NEPHROLOGY AND HEMODIALYSIS SERVICE OF UNIVERSITY HOSPITAL OF ANNABA

M. Djeddi

Annaba, ALGERIA

7 / 6 LOSARTAN NORMALIZES BLOOD PRESSURE AND PREVENTS RENAL DAMAGE AND INFLAMMATION INDUCED BY FRUCTOSE OVERLOAD. L-DOPA/ DOPAMINE INDEX AS A NEW POTENTIAL BIOMARKER OF RENAL DAMAGE

A.M. Puyó, N.L. Rukavina Mikusic, N.M. Kouyoumdzian, J.S. Del Mauro, G. Cao, M. Pandolfo, M.M. Gironacci, J.E. Toblli, B.E. Fernández, M.R. Choi

Buenos Aires, ARGENTINA

7 / 7 HYPERBARIC OXYGEN PRECONDITIONING IMPROVES RENAL HAEMODYNAMIC AND KIDNEY FUNCTION IN SPONTANEOUSLY HYPERTENSIVE RATS WITH ISCHEMIC ACUTE KIDNEY INJURY

M. Ivanov, P. Brkic, N. Mihailovic-Stanojevic, D. Jovovic, U. Vajic, D. Karanovic, J. Grujic-Milanovic, R. Jeremic, M. Djelic, D. Milacic, Z. Miloradovic

Belgrade, SERBIA

7 / 8 EXERCISE HEART RATE DURING TREADMILL TEST IS RELATED TO RENAL FUNCTIONAL RESERVE IN ESSENTIAL HYPERTENSIVE PATIENTS: A NOVEL LINK BETWEEN THE HEART AND THE KIDNEYS

K. Damianaki, K. Tsioufis, K. Dimitriadis, D. Konstantinidis, T. Kalos, A. Kasiakogias, V. Katsi, G. Peskesis, D. Tousoulis, D. Petras

Athens, GREECE

7 / 9 THE ROLE OF ALDOSTERONE AND ANGIOTENSIN II IN THE REGULATION OF PARATHORMONE SECRETION

S. Prisco, L. Lenzini, P.E. Vanderriele, F. Torresan, G. Maiolino, M. Iacobone, G.P. Rossi

Padua, ITALY

7 / 10 AT1 AND GPER-1 HETERODIMERIZATION POTENTIATES CYP11B2 GENE EXPRESSION IN ALDOSTERONE PRODUCING ADENOMA

M. Piazza, B. Caroccia, T.M. Seccia, L. Pivato, G.P. Rossi

Padua, ITALY

7 / 11 CIRCADIAN HAEMODYNAMIC CHARACTERISTICS IN PATIENTS WITH PRIMARY ALDOSTERONISM

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¹ Suita City, Osaka, ² Nishinomiya City, Hyogo, ³ Ohmuta City, Fukuoka,

⁴ Okayama City, Okayama, JAPAN

7 / 12 CARDIAC REMODELLING IN RENAL TRANSPLANTED PATIENTS: A QUESTION OF GENDER?

F. Saladini, A. Polo, N. Simioni, R. Verlato, R. Razzolini, M. Nordio, P. Piovesana

Padua, ITALY

7 / 13 A MASS IMAGING TECHNIQUE REVEALED A RENO-PROTECTIVE EFFECT OF THE XANTHINE OXIDASE INHIBITOR FEBUXOSTAT IN THE ISCHEMIC KIDNEY BY PROMOTING ATP RECOVERY IN THE CORTEX

K. Miyashita, K. Fujii, A. Kubo, M. Sato, A. Hagiwara, H. Inoue, M. Ryuzaki, S. Endo, A. Uto, M. Suematsu, H. Itoh
Tokyo, JAPAN

7 / 14 JUXTAGLOMERULAR CELL TUMORS: A CASE SERIES

A.-L. Faucon¹, C. Bourillon¹, C. Grataloup¹, S. Baron¹, P. Bernadet-Monrozies², E. Vidal-Petiot¹, M. Azizi¹, L. Amar¹
¹ Paris ² Toulouse, FRANCE

7 / 15 PARATHYROID HORMONE, BUT NOT 25-HYDROXI VITAMIN D, SERUM LEVELS ASSOCIATE WITH ALDOSTERONE-TO-RENIN RATIO AND NOCTURNAL MEAN BLOOD PRESSURE VARIABILITY

M. Mozo Ruiz¹, P. Roquero Gimenez², L. Abejon Lopez³, A. Morales Ortega⁴, G. Pindao Quesada¹, C. Hernandez Gutierrez², E. Martinez Perez¹, M. Torralba Gonzalez De Suso^{1,2}, J. Mateos Hernandez^{1,2}, P. Horcajo Aranda¹, M. Rodriguez Zapata^{1,2}, J. Garcia De Tena^{1,2}
¹ Guadalajara, ² Alcala de Henares, ³ San Sebastian de Los Reyes, ⁴ Fuenlabrada, SPAIN

7 / 16 EFFECTS OF A NOVEL INTERACTING MOLECULE WITH AT1 RECEPTOR, ATRAP, ON ANG II-INDUCED PROLIFERATIVE ACTIVITY AND OXIDATIVE STRESS IN VASCULAR SMOOTH MUSCLE CELLS

K. Azuma¹, T. Taira², K. Tamura²
¹ Sagamihara, ² Yokohama, JAPAN

7 / 17 PRIMARY ALDOSTERONISM AND PREGNANCY

T. Zelinka, J. Widimský
Prague, CZECH REPUBLIC

7 / 18 THE LOCATION SPECTRUM OF THE ORIFICE OF RIGHT ADRENAL VEIN IN PATIENTS WITH PRIMARY ALDOSTERONISM: THE EXPERIENCE BASED ON 575 CASES OF ADRENAL VENOUS BLOOD SAMPLING

N. Li, K. Zhou, X. Yao, D. Zhang, G. Chang, G. Wang, Q. Luo
Urumqi, CHINA

7 / 19 POTASSIUM ACTIVATES THE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM WITHOUT CHANGING BLOOD PRESSURE IN NORMOTENSIVE MEN

R. Dreier¹, U.B. Andersen¹, M. Egfjord², M. Sheykhzade², J. Jeppesen¹
¹ Glostrup, ² Copenhagen, DENMARK

7 / 20 DETERMINANTS OF KIDNEY FUNCTION IN PATIENTS WITH RESISTANT ARTERIAL HYPERTENSION

E. Serbeniuk, L. Mishchenko, M. Sheremet, O. Matova, V. Bezrodnyi
Kiev, UKRAINE

7 / 21 CLINICO-PATHOLOGICAL PRESENTATION OF THROMBOTIC MICROANGIOPATHY IN COBALAMIN C DEFICIENCY: A CASE-CONTROL STUDY

D. Guerrot, M. Lemoine, A. Francois, S. Grange
Rouen, FRANCE

7 / 22 A COMPARISON STUDY BETWEEN MOBIL-O-GRAPH AND SPHYGMOCOR DEVICES IN ASSESSING AORTIC SYSTOLIC PRESSURE AND PULSE WAVE VELOCITY IN PERITONEAL DIALYSIS PATIENTS

P. Georgianos, V. Vaios, M. Pikilidou, A. Papagianni, P. Zebekakis, V. Liakopoulos
Thessaloniki, GREECE

7 / 23 THE PREVALENCE OF CHRONIC KIDNEY DISEASE IN PATIENTS WITH DIABETES MELLITUS AND ITS ASSOCIATION WITH FRAMINGHAM CARDIOVASCULAR DISEASE RISK SCORE. A RETROSPECTIVE COHORT STUDY

N. K. Devaraj¹, Y.C. Chia^{2,3}, S.M. Ching¹
¹Serdang, ²Selangor, ³Kuala Lumpur, ³Subang Jaya, MALAYSIA

7 / 24 THE IMPACT OF OSTEOCALCIN, OSTEOPROTEGERIN AND OSTEOPONTIN ON ARTERIAL STIFFNESS IN CHRONIC RENAL FAILURE PATIENTS ON HEMODIALYSIS

B. Csiky¹, B. Sági¹, A. Peti², O. Lakatos¹, V. Premusz¹, E. Sulyok¹
¹Pecs, ²Siofok, HUNGARY

Posters' Session PS08

METABOLIC DISORDERS AND SLEEP APNOEA

Chairperson: E. Triantafyllidi (Athens, GREECE)

ROOM **8** POSTERS FROM **1** TO **21**

8 / 1 EFFECT OF BETA BLOCKERS ON NOCTURNAL ARRHYTHMIAS AND HEART RATE VARIABILITY IN OBSTRUCTIVE SLEEP APNOEA PATIENTS

F. Gironi, C. Lombardi, D. Mariani, P. Castiglioni, P. Faini, I. Laccu, P. Mattaliano, G. Parati
Milan, ITALY

8 / 2 ASSOCIATION OF MEASURES OF SHORT- AND LONG-TERM GLYCAEMIC VARIABILITY AND GLYCAEMIC CONTROL WITH AMBULATORY BLOOD PRESSURE PATTERN IN TYPE 1 DIABETES MELLITUS

T. de Backer, S. Deruyter, L. Deschuytere, S. Shadid, G. T'sjoen, B. Lapauw
Ghent, BELGIUM

8 / 3 CENTRAL SLEEP APNOEAS AND BLOOD PRESSURE DURING ACUTE EXPOSURE TO MODERATE ALTITUDE

G. Bilo, C. Torlasco, C. Lombardi, G. Oliverio, S. Ravaro, D. Soranna, A. Faini, A. Zambon, G. Parati
Milan, ITALY

8 / 4 MITOCHONDRIAL DYSFUNCTION IN MACROPHAGES LEADS TO SYSTEMIC INSULIN RESISTANCE WHICH CAN BE IMPROVED BY GROWTH DIFFERENTIATION FACTOR 15

S.-B. Jung, M. Choi, H. Yi, S. Lee, S. Kang, C. Kim, M. Shong
Daejeon, SOUTH KOREA

8 / 5 REDUCING CARDIOVASCULAR RISK IN PATIENTS WITH MORBID OBESITY AFTER BARIATRIC SURGERY

A. Shkroba, O. Mitchenko, A. Lavryk
Kiev, UKRAINE

8 / 6 RISK OF DEVELOPING TYPE 2 DIABETES ACCORDING TO BLOOD PRESSURE LEVELS AND PRESENCE OR ABSENCE OF HYPERTENSIVE TREATMENT: THE SAKU STUDY

T. Yukako¹, A. Morimoro², K. Asayama^{1,3}, N. Sonoda⁴, N. Miyamatsu⁵, Y. Ohno⁴, Y. Miyamoto⁴, S. Izawa⁶, T. Ohkubo^{1,3}
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8 / 7 THE INFLUENCE OF PREHYPERTENSION, HYPERTENSION AND HBA1C ON THE DEVELOPMENT OF TYPE 2 DIABETES MELLITUS IN PREDIABETES: THE KOREAN GENOME AND EPIDEMIOLOGY STUDY (KOGES)

D.-Y. Lee, S.K. Park, H.J. Kim, J.Y. Jung
Seoul, SOUTH KOREA

8 / 8 ASSOCIATION OF VITAMIN D WITH THE COMPONENTS OF THE METABOLIC SYNDROME IN GENERAL POPULATION WITHOUT CARDIOVASCULAR DISEASES. EVA STUDY

M. Gomez-Sanchez, L. Gómez-Sanchez, J. Gonzalez-Sanchez, R. Alonso-Domínguez, C. Agudo-Conde, J. Recio-Rodriguez, C. Rodríguez-Martín, M. Patino-Alonso, N. Sanchez-Aguadero, A. De Cabo-Laso, B. Sanchez-Salgado, E. Rodriguez-Sanchez, A. Maderuelo-Fernandez, L. Garcia-Ortiz, M. Gomez-Marcos
Salamanca, SPAIN

8 / 9 ESTRADIOL AND LEPTIN OVEREXPRESSION HAVE INDEPENDENT MODES OF ACTION ON DECREASED FOOD INTAKE AND BODY WEIGHT IN MALES RATS

P. Scarpace, I. Côté, S. Green, D. Morgan, C. Carter, N. Tümer
Gainesville, FL, USA

8 / 10 INFLUENCE OF METABOLIC SYNDROME ON RENAL FUNCTION IN PATIENTS WITH HYPERTENSION

J. Uzokov, B. Alyavi, S. Azizov, S. Kamilova
Tashkent, UZBEKISTAN

8 / 11 EMPAGLIFLOZIN MAY ATTENUATE ADIPOSE TISSUE INFLAMMATION AND ARTERIAL STIFFNESS IN NORMOTENSIVE TYPE 2 DIABETICS

S. Efstathiou, I. Skeva, T. Mountokalakis, A. Achimastos
Athens, GREECE

8 / 12 EFFECTS OF LOSARTAN AND METFORMIN ON VASCULAR PROSTANOIDS RELEASE IN RATS IN A HIGH-FAT DIET

A.M. Puyó, H.J. Lee, S.M. Cantú, A.S. Donoso, M.R. Choi, H.A. Peredo
Buenos Aires, ARGENTINA

8 / 13 UTILITY OF WAIST-TO-HEIGHT RATIO AS AN INDICATOR OF CARDIO-METABOLIC RISK COMPARED WITH ROUTINELY USED ADIPOSITY INDICES

N. Peer¹, C. Lombard², K. Steyn², N. Levitt²
¹Durban, ²Cape Town, SOUTH AFRICA

8 / 14 RELATIONSHIP BETWEEN ARTERIAL STIFFNESS, ENDOTHELIAL DYSFUNCTION AND BLOOD LIPID PROFILE IN PATIENTS WITH ARTERIAL HYPERTENSION AND METABOLIC DISORDERS: GENDER DIFFERENCES

A. Vershinina, L. Gapon, Y. Reut, N. Tretyakova, L. Kopylova, E. Busarova, A. Nechaeva
Tyumen, RUSSIA

8 / 15 COMBINED THERAPY WITH TELMISARTAN AND AMLODIPINE ON BLOOD PRESSURE, ECHOCARDIOGRAPHIC PARAMETERS AND MICROALBUMINURIA IN PATIENTS WITH METABOLIC SYNDROME

A. Alyavi, B. Alyavi, J. Uzokov
Tashkent, UZBEKISTAN

8 / 16 CHEMERIN IN EXTREMELY OBESE HYPERTENSIVE AND NON-HYPERTENSIVE PATIENTS AFTER BARIATRIC SURGERY

B. Gryglewska, A. Gluszevska, B. Zarzycki, A. Dzieza-Grudnik, M. Fedyk-Lukasik, P. Major, A. Budzynski, T. Grodzicki
Kraków, POLAND

8 / 17 RELATIONSHIP BETWEEN OBSTRUCTIVE SLEEP APNOEA AND ERECTILE DYSFUNCTION IN PATIENTS WITH ARTERIAL HYPERTENSION

T. Alekseeva, E. Elfimova, I. Starostin, S. Gamidov, A. Litvin
Moscow, RUSSIA

8 / 18 PREVALENCE OF ABDOMINAL OBESITY IN RUSSIAN FEDERATION AND ITS RELATIONSHIP WITH ARTERIAL HYPERTENSION AND OTHERS COMORBIDITIES. BY THE DATA OF EPIDEMIOLOGICAL STUDY ESSE-RF

E. Zheleznova¹, Y. Zhernakova¹, E. Oshchepkova¹, I. Chazova¹, S. Boytsov¹, A. Orlovskiy¹, S. Chalnaova¹, O. Rotar², A. Konradi², E. Shlyakhto²
¹Moscow, ²Saint Petersburg, RUSSIA

8 / 19 IMPACT OF OBESITY ON THE EFFECTIVENESS OF TREATMENT WITH A SINGLE-PILL COMBINATION OF PERINDOPRIL ARGININE/INDAPAMIDE. DATA ANALYSIS OF THE RUSSIAN PROGRAM, FORSAGE

M. Glezer, A.D. Deev
Moscow, RUSSIA

8 / 20 POTENTIAL RELATION BETWEEN SERUM LIPOPOLYSACCHARIDE BINDING PROTEIN LEVELS AND NOCTURNAL BLOOD PRESSURE VARIABILITY IN MIDDLE AGED HYPERTENSIVE MALES

N. Li, L. Shao, X. Yao, M. Heizhati, M. Li, Y. Wang
Urumqi, CHINA

8 / 21 INCREASED EPICARDIAL ADIPOSE TISSUE AND ARTERIAL STIFFNESS, USING CARDIO-ANKLE VASCULAR INDEX IN SLEEP APNOEA

M. Takahashi¹, S. Kasuya¹, T. Shiba², H. Terada¹, M. Noro¹

¹ Sakura, ² Tokyo, JAPAN

Posters' Session PS09

CEREBROVASCULAR DISEASE

Chairperson: D. Hering (Gdansk, POLAND)

ROOM 9 POSTERS FROM 1 TO 23

9 / 1 COGNITIVE DYSFUNCTION IN UNTREATED MIDDLE-AGED PATIENTS WITH UNCOMPLICATED GRADE 1-2 ESSENTIAL ARTERIAL HYPERTENSION

T. Ostroumova, V. Parfenov, O. Ostroumova, E.E. Borisova

Moscow, RUSSIA

9 / 2 REDUCED WHITE MATTER INTEGRITY AND CEREBRAL PERFUSION AS POSSIBLE NEW EARLY MARKERS OF BRAIN DAMAGE IN PATIENTS WITH ESSENTIAL ARTERIAL HYPERTENSION

T. Ostroumova, O. Ostroumova, V. Parfenov, E. Perepelova, V. Perepelov

Moscow, RUSSIA

9 / 3 STROKE RECURRENCE AND COMPLIANCE TO ANTIHYPERTENSIVE TREATMENT

E. Badila, E. Weiss, V. Mihalcea, A. Balahura, D. Bartos, C. Predescu

Bucharest, ROMANIA

9 / 4 HYPERTENSION AND AGEING LEAD TO IMPAIRMENT OF MYOGENIC VASOMOTOR MECHANISM, HIPPOCAMPAL EXPRESSION OF GENES INVOLVED IN BETA-AMYLOID GENERATION AND COGNITIVE DYSFUNCTION

A. Koller¹, P. Toth², A. Csiszar³, W.E. Sonntag³, Z. Ungvari³

¹ Budapest, ² Pécs, HUNGARY, ³ Oklahoma, OK, USA

9 / 5 BLOOD PRESSURE REDUCTION AND OUTCOME IN PATIENTS WITH HYPERTENSIVE CRISIS AND ACUTE ISCHEMIC STROKE

L. Baurenski, E. Trendafilova

Sofia, BULGARIA

9 / 6 WHICH COGNITIVE DOMAINS ARE AFFECTED IN HYPERTENSIVE PATIENTS? AN ANALYSIS ACCORDING TO AGE, SEX, DEPRESSION AND COMORBIDITIES

T. Pál, Z. Preg, D. Bálint Szentendrey, Z. Germán Salló, H.Z. Márton, E. Nemes Nagy,

B. Baróti, R.G. Tripon, S. Pál, M. Germán Salló

Targu Mures, ROMANIA

9 / 7 DIFFERENCES IN BIOMARKERS LEVELS AND BRACHIAL AND CENTRAL BLOOD PRESSURE DURING THE ACUTE PHASE OF STROKE BETWEEN LACUNAR AND OTHER ISCHEMIC STROKES SUBTYPES

P. Armario, M. Gomez-Choco, S.M. Garcia, M. Font, J.J. Mengual, P. Blanch, P. Castellanos, C. Martin-Castillejos, M. Martin-Baranera
Barcelona, SPAIN

9 / 8 EFFECT OF VERAPAMIL SUSTAINED RELEASE ON CEREBROVASCULAR REACTIVITY IN HYPERTENSIVE PATIENTS WITH RHEUMATOID ARTHRITIS

N. Rebrova, O. Sarkisova, T. Ripp, I. Bogomolova, E. Anisimova, V. Mordovin, R. Karpov
Tomsk, RUSSIA

9 / 9 INFLUENCE OF TRIPLE DRUGS FIXED COMBINATION THERAPY ON ARTERIAL STIFFNESS IN PATIENTS WITH ARTERIAL HYPERTENSION AFTER STROKE

T. Pronko, V. Kindaliova
Grodno, BELARUS

9 / 10 PREDICTORS OF STROKE RECURRENCE IN HYPERTENSIVES IN AN EMERGENCY HOSPITAL

E. Weiss, V. Mihalcea, A. Balahura, D. Bartos, C. Predescu, E. Badila
Bucharest, ROMANIA

9 / 11 THE ASSOCIATION BETWEEN CAROTID FLOW AND COGNITIVE FUNCTION IN THE COMMUNITY ELDERLY POPULATION

S.-Y. Chuang¹, H.-M. Cheng², B.S. Yip³, C.H. Chen², W.H. Pan²
¹ Miaoli, ² Taipei, ³ Hsin-Chu City, TAIWAN

9 / 12 PROGNOSTIC SIGNIFICANCE OF MEAN PLATELET VOLUME IN PATIENTS WITH ACUTE ISCHEMIC STROKE

K. Tziomalos, K. Christou, S. Angelopoulou, S. Kostaki, M. Papagianni, M. Vergou, G. Panagiotou, D. Pilalas, E. Valanikas, C. Savopoulos, A. Hatzitolios
Thessaloniki, GREECE

9 / 13 CEREBROVASCULAR RESERVE TEST IN HEALTHY VOLUNTEERS AND HYPERTENSIVE PATIENTS WITH DIFFERENT DURATION OF HYPERTENSION AND WITH APNOEA

T. Ripp, V. Mordovin, E. Ripp, N. Rebrova, S. Pekarskiy, F. Falkovskaya, V. Lichikaki, E. Sitkova, S. Popov
Tomsk, RUSSIA

9 / 14 A FAST AND SIMPLE NEW QUESTIONNAIRE TO HIGHLIGHT THE COGNITIVE IMPAIRMENT IN HYPERTENSIVES: THE ASSOCIATION WITH ARTERIAL STIFFNESS

P. Nazzaro, M.F. De Caro, A. Nardecchia, F. Caradonna Moscatelli, M. Contini, G. Schirosi, L. De Benedittis, G. Aceto, A.M. Papagni, I. Vitali, G. Laselva
Bari, ITALY

9 / 15 GEOGRAPHIC VARIABILITY IN THE DECLINE OF THE INCIDENCE OF FATAL AND NON-FATAL STROKE

J. Kostis¹, S. Zinonos¹, J. Cabrera², W. Kostis¹
¹ New Brunswick, ² Piscataway, NJ, USA

9 / 16 COGNITIVE SCREENING IN ELDERLY HYPERTENSIVE PATIENTS: RESULTS OF A PILOT STUDY

G. Casini, E. Mossello, G. Rivasi, F. Sgrilli, M. Bulgaresi, A. Giordano, L. Martella, C. Lorenzi, A. Ungar
Florence, ITALY

9 / 17 AN EXAGGERATED BLOOD PRESSURE RESPONSE TO EXERCISE IS COMMON IN THE SUBACUTE PHASE AFTER STROKE, BUT IS NOT AFFECTED BY RANDOMIZATION TO 12 WEEKS OF INTENSIVE AEROBIC EXERCISE

K. Sandberg¹, M. Wijkman¹, M. Kleist¹, L. Falk², P. Enthoven²
¹ Norrköping, ² Linköping, ³ Linköping, SWEDEN

9 / 18 THE NEED OF BETTER ARTERIAL HYPERTENSION AND ATRIAL FIBRILLATION MANAGEMENT IN REDUCING STROKE INCIDENCE

L. Gaspar, A. Komornikova, M. Bendzala, D. Celovska, V. Vestenicka
Bratislava, SLOVAK REPUBLIC

9 / 19 THE PREVALENCE OF MASKED HYPERTENSION AMONG OLDER PATIENTS WITH COGNITIVE COMPLAINTS

R. De Heus, E. Peters, J. Claassen
Nijmegen, THE NETHERLANDS

9 / 20 HYPERTENSIVE STATUS AND CARDIOVASCULAR RISK FACTORS IN STROKE PATIENTS

E. Weiss, V. Mihalcea, A. Balahura, D. Bartos, C. Predescu, E. Badila
Bucharest, ROMANIA

9 / 21 MORTALITY IN PATIENTS WITH STROKE AND BLOOD HYPERTENSION

J. Osuna Sanchez, J. Ampuero Ampuero
Melilla, SPAIN

9 / 22 CLINICAL PROFILE OF HYPERTENSES IN EXTREME AGES OF LIFE

J. Osuna Sanchez, J. Ampuero Ampuero
Melilla, SPAIN

9 / 23 USAGE OF BRAIN EVOKED POTENTIALS FOR DIAGNOSIS OF COGNITIVE IMPAIRMENT IN PATIENTS WITH ARTERIAL HYPERTENSION

N. Vasylieva
Kiev, UKRAINE

Posters' Session PS10

ATHEROSCLEROSIS AND MOLECULAR FOUNDAMENTS

Chairperson: A. Kasiakogias (*Athens, GREECE*)

ROOM **10** POSTERS FROM **1** TO **25**

10 / 1 GENOME WIDE ASSOCIATION STUDY META-ANALYSIS OF HOMOARGININE USING THE HRC REFERENCE PANEL

M. Kleber¹, L.P. Lyttikainen³, G.E. Delgado¹, C. Drechsler², C. Wanner², A. Meinitzer⁴, T. Lehtimäki³, B.K. Krämer¹, W. März^{1,4}

¹ Mannheim, ² Würzburg, GERMANY, ³ Tampere, FINLAND, ⁴ Graz, AUSTRIA

10 / 2 SUBCLINICAL TARGET ORGAN DAMAGE IN HYPERTENSIVE SUBJECTS INCLUDED IN THE IBERICAN STUDY

M.A. Prieto Diaz¹, R. Mico Perez², D. Rey Aldana³, A. Barquilla Garcia⁴, F.J. Alonso Moreno⁵, A. Diaz Rodriguez⁶, S. Cinza Sanjurjo⁷, A. Garcia Gamarra⁸, L. Garcia Matarin⁹, J. Aguirre Gonzalez¹⁰, L. Romero Iglesias⁷, O. Garcia Vallejo⁸, J. Benitez Rivero¹¹, A. Martinez Barselo¹², T. Rama Martinez¹³, J. Acevedo Vazquez¹⁴, J. Peis Redondo¹⁵, F. Valls Roca², A. Moya Amengual¹⁶, J. Beniaín Avila¹⁷

¹ Oviedo, ² Valencia, ³ Pontevedra, ⁴ Cáceres, ⁵ Toledo, ⁶ León, ⁷ A Coruña, ⁸ Madrid, ⁹ Almería, ¹⁰ Granada, ¹¹ Cádiz, ¹² Teruel, ¹³ Barcelona, ¹⁴ Sevilla, ¹⁵ Jaen, ¹⁶ Baleares, ¹⁷ Melilla, SPAIN

10 / 3 IMPACT OF OBSTRUCTIVE SLEEP APNOEA AND TREATMENT RESPONSE ON IMMUNOSENESCENCE PARAMETERS IN HYPERTENSION

C. Park, Y. Kim, E. Park, J. Na, C. Choi, J. Kim, E. Kim, S. Rha, H. Seo
Seoul, SOUTH KOREA

10 / 4 LONG NON CODING RNAS IN PERIPHERAL BLOOD MONONUCLEAR CELLS IN HYPERTENSIVES WITH HEART FAILURE WITH PRESERVED EJECTION FRACTION AND THEIR RELATION TO THEIR FUNCTIONAL CAPACITY

M. Marketou, J. Kontaraki, G. Kochiadakis, S. Maragkoudakis, M. Vernardos, K. Fragkiadakis, D. Lempidakis, O. Theodosaki, J. Logakis, F. Parthenakis
Heraklion, GREECE

10 / 5 NEGATIVE TREND IN ASSOCIATION OF UROMODULIN WITH BLOOD PRESSURE IN PREHYPERTENSIVES AND UNTREATED HYPERTENSIVES WITH NORMAL KIDNEY FUNCTION

L. Simicevic, J. Josipovic, B. Milicic, K. Dapic, N. Bozina, Z. Dika, V. Domislovic, M. Fucek, L. Gellineo, A. Jelakovic, J. Kos, D. Rogic, J. Sertic, B. Jelakovic
Zagreb, CROATIA

10 / 6 IN VIVO FUNCTIONAL EVALUATION OF STIM1 AS A CANDIDATE GENE RESPONSIBLE FOR EXAGGERATED SYMPATHETIC RESPONSE TO STRESSES IN SHRSP: ESTABLISHMENT OF STIM1 KNOCK-IN SHRSP

H. Ohara¹, O. Batbayar¹, D. Ngarashi¹, Y. Kunihiro², T. Kaneko³, T. Mashimo², T. Nabika¹
¹ Izumo, ² Suita, ³ Morioka, JAPAN

10 / 7 ASSOCIATION OF SERUM URIC ACID LEVELS WITH ARTERIAL STIFFNESS AND ENDOTHELIAL DYSFUNCTION IN A POPULATION OF NORMOTENSIVE TO EARLY-STAGE HYPERTENSIVE INDIVIDUALS

E. Gkaliagkousi, P. Anyfanti, E. Gavrilaki, P. Dolgyras, A. Triantafyllou, N. Koletsos, A. Lazaridis, I. Zarifis, A. Vamvakis, C. Zamboulis, S. Douma
Thessaloniki, GREECE

10 / 8 AN ANGIOTENSIN RECEPTOR BLOCKER, FIMASARTAN REDUCES VASCULAR SMOOTH MUSCLE CELL SENESENCE BY INHIBITING CYR61 AND ERK/ P38MAPK/P53 SIGNALING PATHWAY

H.-Y. Lee
Seoul, SOUTH KOREA

10 / 9 CHANGES IN THE LEVEL OF LIPID AND INFLAMMATORY PARAMETERS AS PATHOGENETIC BASIS OF VASCULAR REMODELING IN PATIENTS WITH ARTERIAL HYPERTENSION AND METABOLIC DISORDERS

L. Gapon, T. Petelina, N. Musikhina, K. Avdeeva, S. Leonovich, S. Sagadieva, I. Zhevagina
Tyumen, RUSSIA

10 / 10 THE RELATIONSHIP BETWEEN LEVELS OF ALDOSTERONE, ESTRADIOL AND SERUM MARKERS OF ENDOTHELIAL DYSFUNCTION IN HYPERTENSIVE WOMEN

D. Bayutina, V. Podzolkov, A. Bragina, N. Druzhinina, A. Kvasnikov
Moscow, RUSSIA

10 / 11 SUBSTANTIAL VARIABILITY ACROSS INDIVIDUALS IN THE VASCULAR RESPONSE AND NUTRIGENOMIC RESPONSE TO AN ACUTE INTAKE OF CURCUMIN: A RANDOMISED CONTROLLED TRIAL

N. Barber-Chamoux, D. Milenkovic, M.A. Verny, V. Habauzit, B. Pereira, C. Lambert, D. Richard, C. Boby, A. Mazur, J.R. Lusson, C. Dubray, C. Morand
Clermont-Ferrand, FRANCE

10 / 12 THE EFFECT OF STATIN THERAPY ON MONOCYTE SUBPOPULATIONS IN PATIENTS WITH ARTERIAL HYPERTENSION AND OBESITY

I. Kologrivova, T. Suslova, O. Koshelskaya, I. Vinnitskaya
Tomsk, RUSSIA

10 / 13 DIASTOLIC LEFT VENTRICULAR FUNCTION IN RELATION TO CIRCULATING METABOLITES IN A GENERAL POPULATION

Z.-Y. Zhang¹, V.G. Marrachelli², W.Y. Yang¹, S. Trenson¹, Q.-F. Huang¹, F.-F. Wei¹, L. Thijs¹, J. Van Keer¹, D. Monleon², P. Verhamme¹, J.U. Voigt¹, T. Kuznetsova¹, J. Redón^{2,3}, J.A. Staessen^{1,4}

¹ Leuven, BELGIUM, ² Valencia, ³ Madrid, SPAIN, ⁴ Maastricht, THE NETHERLANDS

10 / 14 COMPARATIVE PROTEOMIC ANALYSIS IN MICRODISSECTED RENAL VESSELS OF HYPERTENSIVE AND NORMOTENSIVE RATS

D. Vlahakos, G. Barkas, M. Makridakis, J. Zoidakis, A. Vlahou, A. Charonis
Athens, GREECE

10 / 15 SERUM CONCENTRATION OF ANTIBODIES AGAINST NR2-PEPTIDE AND BRAIN DAMAGE IN POST-STROKE HYPERTENSIVE PATIENTS

I. Voloshyna, V. Krivenko, V. Vizir, V. Deynega, V. Ponomarenko
Zaporizhzhia, UKRAINE

10 / 16 RELATIONSHIP BETWEEN LYMPHANGIOGENESIS, TISSUE MACROPHAGES EXPRESSION AND SUBCUTANEOUS SODIUM CONCENTRATION: EFFECTS OF HYPERSODIC AND HYPOSODIC DIET IN A NORMOTENSIVE RAT

I. Verzicco¹, G. Regolisti¹, F. Quaini¹, M. Miragoli^{1,2}, R. Maestri¹, S. Rossi¹, S. Cavalli¹, A. Falco¹, A. Vignali¹, R. Volpi¹, A. Cabassi¹
¹Parma, ²Milan, ITALY

10 / 17 SEPTIN 2 ATTENUATED THE UP-REGULATION OF ALPHA-SMOOTH MUSCLE ACTIN EXPRESSION AND ENHANCED MIGRATION IN ADVENTITIAL FIBROBLASTS INDUCED BY ANGIOTENSIN II

S. Guo, P. Gao
Shanghai, CHINA

10 / 18 INCREASED HDL CHOLESTEROL LEVELS RELATE TO ENDOTHELIAL GLYCOCALYX INTEGRITY IN OLDER TREATED PATIENTS WITH ESSENTIAL HYPERTENSION

E. Triantafyllidi, D. Benas, A. Schoinas, S. Vlachos, D. Vlastos, G. Pavlidis, D. Voutsinos, A. Moutsatsou, J. Lekakis, I. Ikonomidis
Athens, GREECE

10 / 19 CR6 INTERACTING FACTOR 1 DEFICIENCY PROMOTES ENDOTHELIAL INFLAMMATION BY SIRT1 DOWNREGULATION

C.S. Kim, S. Piao, S.-B. Jung
Daejeon, SOUTH KOREA

10 / 20 ATHEROSCLEROSIS PROGRESSION IN PATIENTS WITH BREAST CANCER IN THE SHORT-TERM PERIOD: THE EFFECT OF LIPOPROTEIN (A)

A. Filatova, A. Potekhina, M. Vitsenya, S. Gavryushina, E. Klesareva, A. Shchinova, A. Pestova, T. Arefieva, F. Ageev, O. Afanasieva
Moscow, RUSSIA

10 / 21 VASCULAR EFFECTS OF ANTI-CANCER CISPLATIN THERAPY

A.C. Cameron, M. Hall, F. Rios, A. Waterston, J. White, R.M. Touyz, N.N. Lang
Glasgow, UNITED KINGDOM

10 / 22 GENE INTERACTIONS OF ALPHA-ADDUCIN AND LANOSTEROL SYNTHASE IMPACT RENAL IMPAIRMENT IN SALT SENSITIVE HYPERTENSION

C. Maggioni¹, C. Lanzani¹, L. Zagato¹, E. Messaggio¹, L. Citterio¹, M. Simonini¹, E. Brioni¹, S. Delli Carpini¹, C. Magnaghi¹, J.M. Hamlyn², P. Manunta¹, M. Vespa¹
¹Milan, ITALY, ²Baltimore, MD, USA

10 / 23 ASSESSMENT OF THE CENTRAL HAEMODYNAMIC PARAMETERS DURING OESTROGEN-PROGESTERONE THERAPY IN WOMEN WITH POLYCYSTIC OVARIAN SYNDROME

C.A. Paterno Marchioli

Foggia, ITALY

10 / 24 ASSOCIATION OF ENDOTHELIAL DYSFUNCTION IN MICROCIRCULATION USING LASER SPECKLE CONTRAST ANALYSIS WITH MARKERS OF ARTERIAL STIFFNESS

A. Lazaridis¹, E. Gkaliagkousi¹, N. Koletsos¹, B. Nikolaidou¹, P. Anyfanti¹, P. Dolgyras¹, A. Vamvakis¹, A. Triantafyllou¹, K. Dipla², S. Douma¹

¹ Thessaloniki, ² Serres, GREECE

10 / 25 THE SEVERITY OF INFLAMMATORY PROCESS AS A RISK FACTOR OF CARDIOVASCULAR COMORBIDITY IN PATIENTS WITH RHEMATOID ARTHRITIS

I. Starodubtseva, I. Sharapova, L. Vasileva, A. Nikitin

Voronezh, RUSSIA

Late-Breaker Posters

SESSION 1

Chairperson: G. Pichler (*Valencia, SPAIN*)

ROOM **11** POSTERS FROM **1** TO **33**

11 / 1 EYES ON HYPERTENSION: SEVERE MICROVASCULAR RETINAL DYSFUNCTION IN HYPERTENSIVE PATIENTS FAILING TO ACHIEVE BLOOD PRESSURE TREATMENT TARGETS

J. Barthelmes¹, M.P. Nägele^{1,2}, F. Ruschitzka¹, A.J. Flammer¹, I. Sudano¹

¹ Zurich, ² Baden, SWITZERLAND

11 / 2 BLOOD PRESSURE CONTROL, TREATMENT AND THERAPEUTIC ADHERENCE IN HYPERTENSION, NON-VALVULAR ATRIAL FIBRILLATION AND ORAL ANTICOAGULANT TREATMENT. TAO-PRES PROJECT

B. Jiménez Muñoz, L. Cuixart Costa, M. De La Figuera, C. Brotons Cuixart, N. Riera Nadal, R. Codinachs Alsina, S. Pérez Zamora, I. Moral Peláez

Barcelona, SPAIN

11 / 3 SUBTYPES OF MASKED HYPERTENSION AND THEIR ASSOCIATIONS WITH TARGET ORGAN DAMAGE IN UNTREATED CHINESE PATIENTS

D.-Y. Zhang, Y.-B. Cheng, Q.-H. Guo, T.-Y. Xu, Y. Yang, J.-J. Li, C.-S. Sheng, Q.-F. Huang, J. Wang, Y. Li

Shanghai, CHINA

11 / 4 HOME BLOOD PRESSURE MONITORING AND E-HEALTH: INVESTIGATION BY FOCUS GROUPS OF PATIENTS' EXPERIENCE WITH THE HY-RESULT® SYSTEM

N. Postel-Vinay¹, E. Pebellier², S. Savard³, C. Boyer⁴, G. Bobrie¹, L. Amar¹

¹ Paris, ² Rennes, FRANCE, ³ Quebec, CANADA, ⁴ Geneva, SWITZERLAND

11 / 5 MAY MEASUREMENT MONTH 2017: RESULTS IN SPANISH COMMUNITY PHARMACIES

S. Tous, J. A. Fornos, A. Molinero, S. Martinez, M. Iracheta, I. Mera, P. Rosón, O. Penín, M. Dieguez, J. A. Martínez, A. Martín, J. L. González, E. Martínez, Z. Perseguer, M. Tous, L. Murillo, L. Montalbán, M. González, M.R. Hernández, I. Martín
Madrid, SPAIN

11 / 6 NON DIPPING PATTERN OF SYSTOLIC BLOOD PRESSURE DIPPING, IN A PORTUGUESE HYPERTENSIVE POPULATION. IS HETEROGENOUS AND SHOULD BE REDEFINED?

J. Mesquita Bastos¹, J. Ricardo Pires¹, A. Araujo¹, J. Pinto¹, P. Almeida¹, J. Polonia²
¹ Aveiro, ² Porto, PORTUGAL

11 / 7 CLINICAL IMPACT OF A PHARMACEUTICAL PROFESSIONAL SERVICE INTERVENTION WITH OR WITHOUT A MULTI-COMPARTMENT MEDICATION IN NON-ADHERENT, UNCONTROLLED, CHRONIC HYPERTENSIVE, POLIMEDICATED PATIENTS IN SPANISH COMMUNITY PHARMACIES. SEFAC-SPD- VALOR STUDY

A. Martín Oliveros¹, M. Iracheta Todo², V. De Diego Colilla¹, I. Arenas Benitez¹, A. Català Cerdan², N. Martín Molpeceres¹
¹ Madrid, ² Barcelona, SPAIN

11 / 8 HYPERTENSION SELF-MANAGEMENT DIGITAL SYSTEM: IS DRUG SELF-REPORTING RELIABLE?

J. Lima Nogueira¹, N. Postel-Vinay², O. Steichen², C. Battaglia², G. Bobrie², L. Amar²
¹ Esmoriz, PORTUGAL, ² Paris, FRANCE

11 / 9 THE ASSOCIATIONS OF TARGET ORGAN DAMAGE WITH MORNING HYPERTENSION BY VARIOUS DEFINITIONS

Q. Guo, Y. Cheng, D. Zhang, Q. Huang, C. Sheng, J. Wang, Y. Li, D.-W. An
Shanghai, CHINA

11 / 10 HOME BP LEVELS AND ARTERIAL STIFFNESS IN PATIENTS WITH MILD TO MODERATE ARTERIAL HYPERTENSION

S. Kushnir, Y. Sirenko, O. Torbas, O. Rekovets
Kiev, UKRAINE

11 / 11 AVANAT'AGE STUDY: EVALUATION OF VASCULAR AGE IN HYPERTENSIVE PATIENTS IN MOROCCO

N. Ouzeddoun
Rabat, MOROCCO

11 / 12 RENAL DENERVATION ON BLOOD PRESSURE VARIABILITY AND BLOOD PRESSURE LEVELS: TWO YEARS OUTCOMES

M. Ionov, S. Mironova, Y. Yudina, I. Emelyanov, N. Avdonina, N. Zvartau, D. Zverev, A. Konradi
Saint Petersburg, RUSSIA

11 / 13 APPLICATION OF A CENTRAL ILIAC ARTERIOVENOUS COUPLER DEVICE IN SEVERE TREATMENT-RESISTANT ARTERIAL HYPERTENSION: A FOUR-YEAR FOLLOW-UP

S. Jung, C. Ott, M. Karg, A. Bosch, M. Schmid, C. Schlundt, S. Achenbach, R.E. Schmieder
Erlangen, GERMANY

11 / 14 ANALYSIS OF 24 HOURS BLOOD PRESSURE PATTERN IN NONHYPERTENSIVE CHRONIC HEART FAILURE PATIENTS

A.M. Gonzalez Gonzalez, C. Lara García, A.M. Garcia Bellon, M.A. Ramirez Marrero, M. De Mora Martin
Malaga, SPAIN

11 / 15 IS THERE A RELATIONSHIP BETWEEN VITAMIN D3 AND HYPERTENSION AND THE NUMBER OF ANTIHYPERTENSIVE DRUGS USED?

H.H. Dogru
Samsun, TURKEY

11 / 16 QTC PROLONGED AND CARDIOVASCULAR RISK IN PATIENTS WITH ATHEROSCLEROTIC RENAL ARTERY STENOSIS: A PILOT STUDY

V. Zingaretti¹, A. Gigante¹, B. Barbano¹, E. Rosato¹, M. Proietti², M. Liberatori¹, A. Mazzarella¹, L. Tubani¹, R. Cianci¹
¹ Rome, ² Milan, ITALY

11 / 17 PERIPHERAL ARTERYOPATHY AT A PRIMARY CARE CENTER

E. Martin Jimenez, M.A. Vila Coll, S. Rodriguez Alvarez, M. Garrido Luque, J. Pastor Mejías, M. Benitez Camps
Barcelona, SPAIN

11 / 18 RELATION BETWEEN PULSE WAVE AND HEART FAILURE IN HYPERTENSIVE PATIENTS

C. Alcântara, P. Alcântara, V. Ramalhinho, F. Veloso, C. Santos Moreira
Lisbon, PORTUGAL

11 / 19 AMBULATORY BLOOD PRESSURE MONITORING AFTER ONE CARDIOVASCULAR EVENT IN PREDICTION OF A SECOND CARDIOVASCULAR EVENT

C. Neves¹, J. Mesquita Bastos¹, J. Ricardo Pires¹, J. Polónia²
¹ Aveiro, ² Matosinhos, PORTUGAL

11 / 20 NON-SURGICAL PERIODONTAL TREATMENT IMPROVES CARDIOVASCULAR ADAPTATION TO ORTHOSTATIC CHALLENGE IN THE SHORT-TERM

R. Del Pinto, D. Pietropaoli, C. Ferri
L'Aquila, ITALY

11 / 21 INTER-ARM DIFFERENCES IN BLOOD PRESSURE AND MORTALITY: INDIVIDUAL PATIENT DATA META-ANALYSIS AND DEVELOPMENT OF A PROGNOSTIC ALGORITHM (INTERPRESS-IPD COLLABORATION)

C. Clark¹, K. Boddy¹, F. Warren¹, S. McDonagh¹, R. Taylor¹, V. Aboyans³, L. Cloutier⁴, R. McManus², A.C. Shore¹, J. Campbell¹
¹ Exeter, ² Oxford, UNITED KINGDOM, ³ Limoges, FRANCE, ⁴ Trois-Rivières, CANADA

11 / 22 URINE ALBUMIN-TO-CREATININE RATIO IS ASSOCIATED WITH ASYMPTOMATIC INTRACRANIAL ATHEROSCLEROTIC STENOSIS IN HYPERTENSIVE PATIENTS

D. An, Y. Wang, Y. Li, D. Zhu
Shanghai, CHINA

11 / 23 ALCOHOL AS A RISK FACTOR OF SUDDEN CARDIAC DEATH - THE GERMINA REGISTER DATA

E. Sementsova¹, R. Linchak¹, A. Nedbaykin², I. Yusova², V. Strukova²

¹ Moscow, ² Bryansk, RUSSIA

11 / 24 DIFFERENCES IN LABORATORY FINDINGS OF HYPERTENSIVE PATIENTS DEPENDING ON RISK FACTORS, SETTLEMENT AND AGE

S. Pal, E. Nemes-Nagy, J. Zeitz-Krisar, B. Bojthe, E. Ugron, T.-R. Szocs, K. Nyulas, O. Szasz, Z. Fazakas, R.-G. Tripon, Z. Preg, M. German-Sallo

Targu Mures, ROMANIA

11 / 25 AVANT'AGE STUDY: EVALUATION OF CARDIOVASCULAR RISK IN PATIENTS TREATED WITH A FIXED COMBINATION OF PERINDOPRIL AND AMLODIPINE IN MOROCCO

N. Ouzeddoun

Rabat, MOROCCO

11 / 26 EFFECT OF BLOOD PRESSURE CONTROL ON CVD OUTCOME IN PATIENTS WITH NEW HYPERTENSION: A NATIONWIDE COHORT STUDY

D.H. Kim

Ansan-Si, SOUTH KOREA

11 / 27 CLINICAL AND BIOCHEMICAL CORRELATIONS OF HYPERURICEMIA IN ESSENTIAL HYPERTENSION

K. Gruszka, M. Rajzer, T. Pizon, W. Wojciechowska, D. Czarnecka

Krakow, POLAND

11 / 28 ASSOCIATION OF HOMOCYSTEINE WITH ASYMPTOMATIC INTRACRANIAL AND EXTRACRANIAL ARTERIAL STENOSIS IN HYPERTENSION PATIENTS

Y. Wang, J. Zhang, Y. Qian, X. Tang, H. Ling, K. Chen, Y. Li, P. Gao, D. Zhu

Shanghai, CHINA

11 / 29 ADVANTAGE OF MOCA AS COGNITIVE ASSESSMENT OVER PEBL IN HYPERTENSIVE PATIENTS WITH MILD COGNITIVE IMPAIRMENT

A. Wolska-Bulach

Poznan, POLAND

11 / 30 ARTERIAL STIFFNESS AS A PROGNOSTIC FACTOR FOR HYPERTENSIVE ENCEPHALOPATHY

A. Bykov¹, L. Geraskina¹, A. Fonyakin¹, I. Posokhov²

¹ Moscow, ² Nizhny Novgorod, RUSSIA

11 / 31 COGNITIVE IMPAIRMENT AND PARAMETERS OF CLINIC AND 24H BLOOD PRESSURE IN ESSENTIAL HYPERTENSIVE PATIENTS

O. Gulkevych

Kiev, UKRAINE

11 / 32 INCIDENCE AND PREDICTORS OF NEW ONSET TYPE 2 DIABETES AMONG HYPERTENSIVE-OBESE PATIENTS

B. Al-Mustafa¹, G. Al-Ghareeb², H. Wahabi², A. Ahmed Fayed²

¹ Qatif, ² Riyadh, SAUDI ARABIA

11 / 33 FERNANDEZ' STROKE: HYPERTENSION AND HYPOTENSION AND CARDIOVASCULAR RESOLUTIONS

M.A. Fernandez

St. Petersburg, FL, USA

Oral Presentations in Poster Area

COMPLICATIONS AND COMORBIDITIES

Chairpersons: S. Sokolovic (Sarajevo, BOSNIA AND HERZEGOVINA),
T. Weber (Wels, AUSTRIA)

ROOM **A**

NIGHT-TIME HEART RATE NON DIPPING: CLINICAL AND PROGNOSTIC SIGNIFICANCE IN THE GENERAL POPULATION

C. Cuspidi¹, R. Facchetti¹, M. Bombelli¹, C. Sala¹, M. Tadic², G. Grassi¹, G. Mancia¹

¹ Milan, ITALY, ² Berlin, GERMANY

EFFECTS OF BACKGROUND STATIN THERAPY ON LOCAL RIGIDITY PARAMETERS IN PATIENTS WITH STEMI

V. Oleynikov, I. Matrosova, E. Abramova, A. Khromova, A. Golubeva

Penza, RUSSIA

EFFECTS OF BARIATRIC SURGERY ON ENDOTHELIAL FUNCTION IN EXTREMELY OBESE PATIENTS

K. Rewiuk, A. Gluszevska, B. Gryglewska, J. Gasowski, B. Zarzycki, A. Dzieza-Grudnik, P. Major, A. Budzynski, T. Grodzicki

Kraków, POLAND

DETECTION OF ATRIAL FIBRILLATION DURING ROUTINE 24-HOUR AMBULATORY BLOOD PRESSURE MONITORING IN THE ELDERLY: COMPARISON WITH 24-HOUR ELECTROCARDIOGRAPHY

K. Kyriakoulis, A. Kollias, A. Destounis, P. Kalogeropoulos, A. Ntineri, G.S. Stergiou

Athens, GREECE

CARDIAC MAGNETIC RESONANCE-DERIVED STRAIN ANALYSIS AND MOLECULAR BIOMARKERS OF FIBROSIS IN HYPERTENSIVE HEART DISEASE

G. Pichler¹, J.M. Vaquer Santamaria¹, F. Martinez Garcia¹, A. Ruiz Hernandez¹, A. Belmonte Domingo¹, O. Calaforra Juan¹, E. Solaz Moreno¹, M. San Andrés Marco², A.M. Maceira¹, B. López Salazar³, J. Díez³, J. Redon¹

¹ Valencia, ² Barcelona, ³ Pamplona, SPAIN

20-YEAR TRENDS OF CHARACTERISTICS AND OUTCOMES OF STROKE PATIENTS WITH ATRIAL FIBRILLATION

E. Polychronopoulou¹, G. Ntaios¹, D. Sagris¹, K. Perlepe¹, F. Gioulekas¹, P. Galanis², C. Pardali², A. Vemmou², E. Koroboki², V. Papavasileiou⁴, S. Vassilopoulou², E. Manios², K. Makaritsis¹, K. Spengos², D. Mitsikostas², H. Milionis³, K. Vemmos²

¹ Larissa, ² Athens, ³ Ioannina, GREECE, ⁴ Manchester, UNITED KINGDOM

Oral Presentations in Poster Area

DIAGNOSIS AND TREATMENT

Chairpersons: T. de Backer (*Ghent, BELGIUM*),
I. Sudano (*Zurich, SWITZERLAND*)

ROOM **B**

ANTI-INFLAMMATORY FACTOR DEL-1 PROTECTS FROM ANGIOTENSIN II-DEPENDENT VASCULAR REMODELING AND HYPERTENSION

I. Kopaliani¹, T. Failer¹, A. Neuwith¹, G. Hajishengallis², T. Chavakis¹, A. Deussen¹

¹ Dresden, GERMANY, ² Philadelphia, PA, USA

HIGH SODIUM CONCENTRATION MODULATES DENDRITIC CELLS IMMUNE FUNCTIONS

S. Al-Hajj, A. Goumard, A. Heraud, S. Georgeault, J. Burlaud-Gaillard, C. Hoarau, P. Gatault, M. Buchler, R. Lemoine, C. Baron, J.-M. Halimi
Tours, FRANCE

CLASSIFICATION OF NOCTURNAL BLOOD PRESSURE PROFILE USING FUZZY SYSTEMS

P. Melin, G. Prado-Arechiga, I. Miramontes, J.C. Guzman
Tijuana, MEXICO

EUSTAR: EUROPEAN SOCIETY OF HYPERTENSION TELEMEDICINE IN ARTERIAL HYPERTENSION REGISTER 2018. DESIGN AND RATIONALE

E.G. Schulz¹, C.L. Neumann¹, M. Middeke²

¹ Göttingen, ² Munich, GERMANY

RELATIONSHIP BETWEEN UNATTENDED AND ATTENDED BP VALUES AND PRECLINICAL ORGAN DAMAGE

M. Salvetti, A. Paini, F. Bertacchini, D. Stassaldi, G. Maruelli, S. Cappellini, E. Agabiti Rosei, M.L. Muiesan
Brescia, ITALY

AN HIGHER WHITE-COAT EFFECT IN THE FIRST HOURS OF AMBULATORY BLOOD PRESSURE MONITORING IS ASSOCIATED WITH MORE BLOOD PRESSURE PEAKS DURING THE WHOLE DIURNAL PERIOD

F. Salvo¹, M. Berardi¹, A.R. Errani¹, C.L. Muzzulini¹, A. Morganti²

¹ Ceva, ² Milan, ITALY

Oral Presentations in Poster Area

EPIDEMIOLOGY AND MANAGEMENT

Chairpersons: S. Alliksoo (*Tallinn, ESTONIA*),
J. Widimský (*Prague, CZECH REPUBLIC*)

ROOM 

CLINICAL SIGNIFICANCE OF ELEVATED ANKLE-BRACHIAL INDEX DIFFERS DEPENDING ON THE AMOUNT OF APPENDICULAR MUSCLE MASS: THE J-SHIP AND THE NAGAHAMA STUDY

Y. Tabara¹, M. Igase², K. Setoh¹, Y. Ohyagi², T. Miki², T. Nakayama¹, K. Kohara³, F. Matsuda¹
¹ Kyoto, ² Toon-City, ³ Matsuyama, JAPAN

CAUTIOUS PATIENTS, CAREFUL PHARMACISTS. DO YOU HAVE TO TAKE YOUR NEW ANTI-HYPERTENSIVE MEDICATION TO EXPERIENCE THEIR SIDE EFFECTS?

A. Albasri, S. Prinjha, R. McManus, J.P. Sheppard
Oxford, UNITED KINGDOM

DETECTION OF NON-ADHERENCE TO ANTI-HYPERTENSIVE TREATMENT THROUGH THE USE OF THE ELECTRONIC PRESCRIPTION SYSTEM IN PATIENTS REFERRED TO A TERTIARY HYPERTENSION CLINIC

D.G. Mena Baño, A. Arias Atauje, M. Gonzalez Laguna, A. Padulles Zamora, S. Fernandez Barrio, L. Blanch Valverde, E. Melilli
Hospitalet de Llobregat, SPAIN

DISCREPANCIES IN CARDIOVASCULAR RISK STRATIFICATION IN HYPERTENSIVE PATIENTS. RESULTS FROM THE SWISS HYPERTENSION COHORT STUDY (HCCH)

A. Naduvilekoot^{1,2}, J. Leuppi^{1,2}, B. Martina², P. Tschudi², A. Zeller², T. Dieterle^{1,2}
¹ Liestal, ² Basel, SWITZERLAND

THE RELATIONSHIP BETWEEN SERUM POTASSIUM CONCENTRATION AND CARDIOVASCULAR DISEASE: A LARGE COMMUNITY-BASED COHORT STUDY

N. Cole¹, R. Suckling¹, P. Swift¹, F. He¹, G. Macgregor¹, S. De Lusignan²
¹ London, ² Guildford, UNITED KINGDOM

MARKERS OF ARTERIAL STIFFNESS AND SUBCLINICAL VASCULAR DAMAGES IN OBESE CHILDREN

S. Bonafini, A. Tagetti, A. Giontella, P. Minuz, C. Maffei, F. Antoniazzi, C. Fava
Verona, ITALY

Oral Presentations in Poster Area

MECHANISMS OF HYPERTENSION

Chairpersons: B. Krämer (*Mannheim, GERMANY*),
H. Moreno (*Campinas, BRAZIL*)

ROOM **D**

SUBCLINICAL RENAL DAMAGE IS ASSOCIATED WITH A REDUCED CHOROIDAL THICKNESS IN PATIENTS WITH PRIMARY HYPERTENSION

G. Mulè, M. Vadalà, T. La Blasca, R. Gaetani, C. Pugliares, L. Lattuca, M. Terrasi, S. Cottone
Palermo, ITALY

TRANSGLUTAMINASE-2 CONTRIBUTES TO REACTIVE OXYGEN SPECIES PRODUCTION IN MICE INFUSED WITH ANGIOTENSIN-II

S. Ucci, S. Chiandotto, C. Verga Falzacappa, A. Battistoni, A. Alonzo, M. Volpe, C. Savoia
Rome, ITALY

RETINAL ARTERIOLAR MICRO-CONSTRICTIONS EVALUATED WITH ADAPTIVE OPTICS: A NOVEL MARKER IN HYPERTENSION

A. Gallo, X. Girerd, D. Rosenbaum, T. Diertenbeck, N. Kachenoura, M. Paques
Paris, FRANCE

FIMASARTAN REDUCES ANGIOTENSIN II-INDUCED CELLULAR SENESENCE IN HUMAN CORONARY ARTERY SMOOTH MUSCLE CELLS BY INHIBITING CYR61 AND ERK/P38MAPK/P53 SIGNALING PATHWAY

H.-Y. Lee
Seoul, SOUTH KOREA

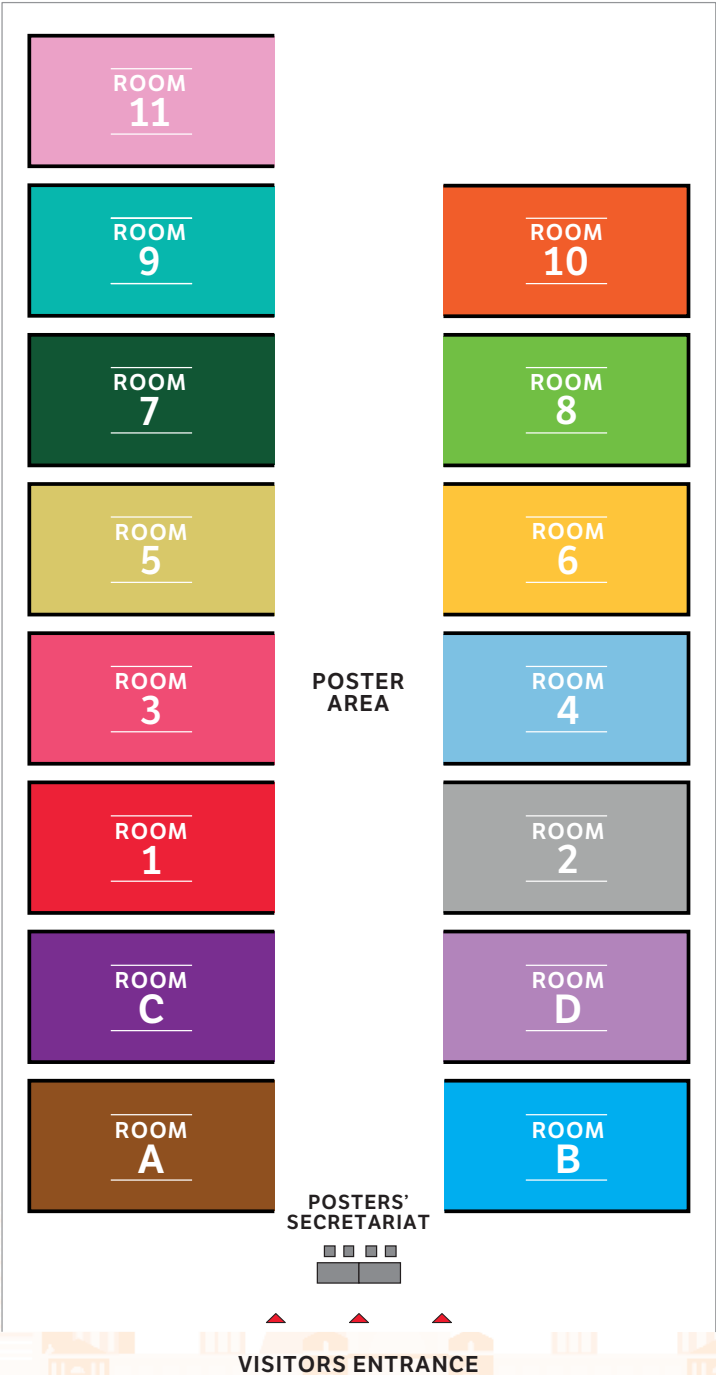
CARDIORESPIRATORY EFFECTS OF HIGH TEMPERATURE ELECTRONIC CIGARETTES VAPING

M. Chaumont, A. Bernard, S. Pochet, C. El-Khattabi, J. Ulmo, E. Starczewska, F. Reyé, K. Zouaoui Boudjeltia, C. Delporte, N. Debbas, P. van de Borne
Brussels, BELGIUM

DIETARY SODIUM-INDUCED CHANGES IN THE MICROCIRCULATORY SYSTEM OF THE SKIN ARE ASSOCIATED WITH BLOOD PRESSURE RESPONSE IN HEALTHY MALES

E. Wenstedt, R.H.G. Olde Engberink, N.M.G. Rorije, B.J.H. Van Den Born, J. Aten, L. Vogt
Amsterdam, THE NETHERLANDS

Attended Poster Sessions



Attended Poster Sessions

18.15 - 19.45

PS 11. EPIDEMIOLOGY AND RISK FACTORS

Chairperson: L. Martins

ROOM **1** POSTERS FROM **1** TO **46**

PS 12. PHARMACOLOGICAL TREATMENT

Chairperson: J. Shin

ROOM **2** POSTERS FROM **1** TO **25**

PS 13. AGEING, CHILDREN AND ADOLESCENTS, WOMEN

Chairperson: M.H. Olsen

ROOM **3** POSTERS FROM **1** TO **26**

PS 14. HEART

Chairperson: V. Katsi

ROOM **4** POSTERS FROM **1** TO **25**

PS 15. LIFESTYLE, HYPERTENSION MANAGEMENT

Chairperson: J. Isea

ROOM **5** POSTERS FROM **1** TO **21**

PS 16. BLOOD PRESSURE MEASUREMENT AND VARIABILITY

Chairperson: G.S. Stergiou

ROOM **6** POSTERS FROM **1** TO **37**

PS 17. KIDNEY AND RAAS, ENDOCRINE HYPERTENSION

Chairperson: R. Kalaitzidis

ROOM **7** POSTERS FROM **1** TO **26**

PS 18. METABOLIC DISORDERS AND SLEEP APNOEA

Chairperson: C. Giannattasio

ROOM **8** POSTERS FROM **1** TO **23**

PS 19. LARGE ARTERIES AND MICROCIRCULATION

Chairperson: J. Mesquita Bastos

ROOM **9** POSTERS FROM **1** TO **28**

PS 20. ATHEROSCLEROSIS AND MOLECULAR FOUNDAMENTS

Chairperson: L. Alcocer

ROOM **10** POSTERS FROM **1** TO **25**

LATE-BREAKER POSTERS' SESSION 2

Chairperson: T. De Backer

ROOM **11** POSTERS FROM **1** TO **32**

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18.30 - 19.30

COMPLICATIONS AND COMORBIDITIES

Chairpersons: A. Leiba, R. McManus

ROOM **A**

DIAGNOSIS AND TREATMENT

Chairpersons: Z. Jarai, K. Trusinskis

ROOM **B**

EPIDEMIOLOGY AND MANAGEMENT

Chairpersons: A. Berbari, M. Miglinas

ROOM **C**

MECHANISMS OF HYPERTENSION

Chairpersons: S. Filipova, A. Göttstätter

ROOM **D**

Posters' Session PS11

EPIDEMIOLOGY AND RISK FACTORS

Chairperson: L. Martins

(Santa Maria de Feira, PORTUGAL)

ROOM **1** POSTERS FROM **1** TO **46**

1 / 1 THE COMBINATION OF RENAL DYSFUNCTION AND MUSCLE MASS REDUCTION IS ASSOCIATED WITH ARTERIAL STIFFNESS IN ELDERLY INDIVIDUALS

M. Sakaguchi, N. Miyai, N. Nagatomo, M. Morishita, S. Onishi, Y. Uchikawa, T. Takeshita, M. Utsumi, M. Shiba, M. Arita
Wakayama, JAPAN

1 / 2 NUTRITIONAL STATUS OF PATIENTS WITH ARTERIAL HYPERTENSION IN ACUTE HOSPITAL SETTING

T. Milicevic, J. Radic, M. Radman, T. Dogas, P.M. Zivkovic, V. Kovacic
Split, CROATIA

1 / 3 ERYTHROPOIETIN THERAPY IS NOT RELATED TO NON-DIPPING PATTERN AND INCREASED CARDIOVASCULAR MORTALITY IN PATIENTS UNDERGOING CHRONIC HEMODIALYSIS

T. Knezevic¹, I. Barišić¹, E. Čatić Čuti², L. Gellineo¹, E. Ivandić¹, V. Ivković¹, L. Katalinić¹, V. Premužić¹, B. Jelaković¹
¹ Zagreb, ² Zabok, CROATIA

1 / 4 URIC ACID AS A RISK FACTOR FOR CARDIOVASCULAR DISEASE. A PROSPECTIVE OBSERVATIONAL STUDY

M. Kallistratos, S. Giannitsi, L. Poulimenos, N. Miaris, A. Koukouzeli, L.A. Khashlok, N. Kouremenos, P. Tsinivizov, N. Kontogiannis, E. Chamodrakas, D. Athanasiou, A. Kalogeris, A. Pittaras, A.J. Manolis
Athens, GREECE

1 / 5 DIABETES AND DYSLIPIDEMIA CONTROL IN A POPULATION OF HYPERTENSIVE PATIENTS WITH TYPE 2 DIABETES MELLITUS

A.-M. Vintila, M. Horumba, G. Cristea, V. Vintila
Bucharest, ROMANIA

1 / 6 DIFFERENT RESPONSE PATTERN TO AIRCRAFT NOISE EXPOSURE IN RENAL VERSUS SYSTEMIC HEMODYNAMIC

A. Bosch¹, C. Ott¹, D. Kannenkeril¹, J.M. Harazny^{1,2}, K. Striepe¹, M. Karg¹, T. Dienemann¹, S. Jung¹, R.E. Schmieder¹
¹ Erlangen, GERMANY, ² Warmia, POLAND

1 / 7 THE PREVALENCE AND SOCIAL DETERMINANTS OF HYPERTENSION AMONG ADULTS IN INDONESIA: A CROSS-SECTIONAL POPULATION-BASED NATIONAL SURVEY

K. Peltzer¹, S. Pengpid²
¹ Pretoria, SOUTH AFRICA, ² Salaya, THAILAND

1 / 8 LOW DENSITY LIPOPROTEIN CHOLESTEROL LEVEL, PULSE PRESSURE AND URIC ACID ARE ASSOCIATED WITH CAROTID INTIMA-MEDIA THICKNESS IN JAPANESE GENERAL POPULATION

A. Fukui, K. Mure, M. Shimabukuro, N. Miyai, M. Utsumi, Y. Uematsu, T. Takeshita, M. Shiba, M. Arita

Wakayama, JAPAN

1 / 9 OBSTRUCTIVE SLEEP APNOEA, HIGH BLOOD PRESSURE AND RENAL FUNCTION IN THE CHILEAN ADULT POPULATION

E. Lorca Herrera, J. Carrillo, C. Bezanilla, I. Orellana, C. Urbano

Santiago, CHILE

1 / 10 THE DIFFERENCE CHARACTERISTIC OF RELATIONSHIP BETWEEN SARCOPENIA AND BLOOD PRESSURE ACCORDING TO GENDER IN KOREAN POPULATION

J.K. Kim¹, T.S. Lee²

¹ Wonju, ² Gwangju, SOUTH KOREA

1 / 11 THE FRENCH SOCIETY OF HYPERTENSION INITIATIVE FOR A NEW MANAGEMENT OF HYPERTENSION

T. Denolle, A. Pathak

Paris, FRANCE

1 / 12 DISTRIBUTION OF TARGET ORGAN DAMAGE IN HYPERTENSIVES. DATA FROM SEPCHAR III – A POPULATION SURVEY

R.O. Darabont, O.-F. Tautu, N. Oprescu, D. Cadil, A. Vijiac, C. Radulescu, C. Stefan, M. Dorobantu

Bucharest, ROMANIA

1 / 13 RELATIONSHIP BETWEEN ALCOHOL CONSUMPTION AND METABOLIC SYNDROME ACCORDING TO FACIAL FLUSHING IN KOREAN FEMALES

Y. Seo, J. Kim, S. Kim, J. Jung, S. Yoon

Daejeon, SOUTH KOREA

1 / 14 CARDIOVASCULAR MORTALITY AND MORBIDITIES BY SYSTOLIC BLOOD PRESSURE LEVELS IN HYPERTENSIVE PATIENTS: RESULTS FROM SAMPLE COHORT OF NATIONAL HEALTH INSURANCE SERVICE

H.-Y. Park, M. Cho, N. Lim

Cheongju, SOUTH KOREA

1 / 15 SEX DIFFERENCE IN ASSOCIATION BETWEEN DEPRESSION DISORDER AND INCIDENT HYPERTENSION IN KOREAN MIDDLE-AGED POPULATION

N.-K. Lim, M. Cho, J. Lim, H. Park

Cheongju, SOUTH KOREA

1 / 16 CORRELATION OF SERUM URIC ACID LEVELS WITH TRADITIONAL RISK FACTORS

M. Kallistratos, S. Giannitsi, L. Poulimenos, N. Miaris, A. Koukouzeli, L.A. Khashlok, N. Kouremenos, P. Tsiniyov, N. Kontogiannis, K. Kyfnidis, D. Athanasiou, A. Pittaras, I. Chiotelis, A. Kalogeris, A.J. Manolis

Athens, GREECE

1 / 17 24HOUR PULSE WAVE VELOCITY MEASUREMENT AS A MORTALITY PREDICTOR IN END STAGE-RENAL-DISEASE PATIENTS

L.M. Nerl, J. Matschkal, C. Schmaederer
Munich, GERMANY

1 / 18 SHOULD WE CALCULATE AORTIC-BRACHIAL GRADIENT IN WOMEN? RESULTS OF A LARGE COHORT STUDY

A. Laucyte Cibulskiene, A. Gincaite, L. Rimsevicius, L. Riliskyte, A. Laucevicus, M. Miglinas
Vilnius, LITHUANIA

1 / 19 INTEGRATED CENTRAL PRESSURE-STIFFNESS SCORE, A POTENTIAL NEW TOOL FOR CARDIOVASCULAR RISK STRATIFICATION: FIRST RESULTS IN CHRONIC KIDNEY DISEASE

D. Batta¹, Á. Tabák^{1,2}, O. Cseprekál¹, J. Egresits³, I. Kiss¹, A. Tislér¹, J. Nemcsik¹
¹ Budapest, HUNGARY, ² London, UNITED KINGDOM, ³ Klagenfurt am Wörthersee, AUSTRIA

1 / 20 EFFECT OF SODIUM HYDROSULFIDE ON COLLAGEN-INDUCED PLATELET AGGREGATION IN PATIENTS WITH ARTERIAL HYPERTENSION AND METABOLIC DISORDERS

O. Trubacheva, O. Mangataeva, I. Kologrivova, I. Petrova, T. Suslova
Tomsk, RUSSIA

1 / 21 COMPREHENSIVE HEALTH SCREENING PROGRAM OF HUNGARY BETWEEN 2010-2020. RESULTS OF THE 2010-2016 PERIOD

I. Barna¹, T. Daiki¹, G. Dankovics², E. Kékes³, I. Kiss¹
¹ Budapest, ² Szentendre, ³ Pécs, HUNGARY

1 / 22 ANTHROPOMETRIC PARAMETERS IN ADOLESCENTS WITH HIGH RISK OF OBSTRUCTIVE SLEEP APNOEA

E. Silva, M. Sayago, G. Bermudez, J. Villasmil, F. Madueño
Maracaibo, VENEZUELA

1 / 23 CARDIOVASCULAR MORTALITY OF MEDITERRANEAN POPULATION HYPERTENSIVE > 65 YEARS

B. Roig Espert¹, J.J. Tamarit García², D. Godoy Rocatí², A. González-Cruz Cervellera², V. Pallarés Carratalá³, P. Morillas Blasco⁴
¹ Manises-Valencia, ² Valencia, ³ Castellón de La Plana-Castellón, ⁴ Sant Joan d'Alacant-Alicante, SPAIN

1 / 24 DYSLIPIDEMIA IN PATIENTS WITH ISCHEMIC CHRONIC HEART FAILURE

E. Reznik, M. Komissarova, V. Lazarev, I. Nikitin
Moscow, RUSSIA

1 / 25 CARDIOVASCULAR-RENAL REMODELING IN FABRY DISEASE: POSSIBLE INVOLVEMENT OF OXIDATIVE STRESS. A MOLECULAR BIOLOGY APPROACH

V. Ravarotto, G. Carraro, G. Bertoldi, L.A. Calò
Padua, ITALY

1 / 26 LISINOPRIL AND BLOOD PRESSURE REGULATION IN HYPERTENSIVE PATIENTS WITH DIABETES MELLITUS

N. Radivojevic, V. Stojanov, K. Paunovic, B. Jakovljevic, M. Marjanovic
Belgrade, SERBIA

1 / 27 FACTORS ASSOCIATED WITH ARTERIAL STIFFNESS IN TREATED HYPERTENSIVE PATIENTS WITH UNFAVORABLE BLOOD PRESSURE PHENOTYPES AND NORMOTENSION

Y. Koshelyaevskaya, M. Smirnova, V. Gorbunov
Moscow, RUSSIA

1 / 28 URIC ACID LEVELS AND RENAL FUNCTION IN UNTREATED HYPERTENSIVE PATIENTS

R. Kalaitzidis, V. Tsimihodimos, O. Balafa, D. Stagikas, K. Pappas, M. Elisaf
Ioannina, GREECE

1 / 29 PREVALENCE AND CHARACTERISTICS OF PREVIOUS CARDIOVASCULAR DISEASE IN PATIENTS INCLUDED IN THE IBERICAN STUDY

D. Rey Aldana¹, V. Pallarés Carratalá², G.C. Rodríguez Roca³, T. Sánchez Ruiz⁴, R. Arbeloa Cañizares⁵, A. Francés Camus², L. García Matarín⁶, V. Lasso Oria⁷, M. Martí Liñares⁴, F.J. Sanz García⁸
¹ A Estrada, ² Castellón, ³ Toledo, ⁴ Valencia, ⁵ Granada, ⁶ Almería, ⁷ Madrid, ⁸ Alicante, SPAIN

1 / 30 PREHYPERTENSION AND PSYCHOSOCIAL RISK FACTORS AMONG UNIVERSITY STUDENTS IN ASEAN COUNTRIES

S. Pengpid¹, K. Peltzer²
¹ Salaya, THAILAND, ² Pretoria, SOUTH AFRICA

1 / 31 METABOLIC PROFILE OF PATIENTS WITH ISOLATED SYSTOLIC HYPERTENSION (ISH)

J.A. Papadakis, V. Theodorakopoulou, K. Papanikolaou, G. Vrentzos
Heraklion, GREECE

1 / 32 SWICOS (SWISS LONGITUDINAL COHORT STUDY IN RURAL SWITZERLAND): DESCRIPTIVE ANALYSIS OF INITIAL RESULTS

F. Muggli¹, D. Radovanovic², A.W. Schoenenberger³, P.M. Suter⁴, A. Gallino⁵, G. Parati⁷, G. Ehret⁶, R. Schoenenberger Berzins⁴, T.J. Resink², P. Erne²
¹ Vezia (Lugano), ² Lugano, ³ Bern, ⁴ Zuerich, ⁵ Bellinzona, ⁶ Geneva, SWITZERLAND, ⁷ Milan, ITALY

1 / 33 INDEPENDENT RISK FACTORS OF DEVELOPMENT OF CARDIOVASCULAR DISEASE, STROKE, CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND DIABETES MELLITUS IN PATIENTS WITH ARTERIAL HYPERTENSION (ACCORDING TO THE RUSSIAN FEDERAL REGISTER OF ARTERIAL HYPERTENSION)

E. Oshchepkova, N.V. Lazareva, I. Chazova
Moscow, RUSSIA

1 / 34 HYPERTENSION PREVALENCE IN RUSSIAN POPULATION BASED ON NEW AMERICAN GUIDELINE CRITERIA

A. Erina¹, O. Rotar¹, S. Shalnova², Y. Balanova², A.D. Deev², I. Chazova², S. Boytsov², A. Konradi¹, E. Shlyakhto¹

¹ Saint Petersburg, ² Moscow, RUSSIA

1 / 35 GENDER-SPECIFIC ASSOCIATION BETWEEN CARDIOVASCULAR RISK FACTORS AND VASCULAR AGEING IN PATIENTS WITH CORONARY ARTERY DISEASE

A. Sorokina, I. Strazhesko, A. Plisuk, Y. Orlova

Moscow, RUSSIA

1 / 36 OXIDATIVE STRESS IS ASSOCIATED WITH LIFETIME CARDIOVASCULAR RISK STRATIFICATION IN YOUNG TO MIDDLE AGE INDIVIDUALS

E. Rodríguez-Sánchez¹, J.A. Navarro-García¹, J. Aceves-Ripoll¹, M. Baldan-Martin², G. Álvarez-Llamas¹, E. Calvo¹, M. Cabrera¹, M.G. Barderas², L.M. Ruilope¹, G. Ruiz-Hurtado¹

¹ Madrid, ² Toledo, SPAIN

1 / 37 ETHNIC DIFFERENCES OF THE QUALITY OF LIFE OF PERSONS WITH ARTERIAL HYPERTENSION IN RURAL AREAS OF RUSSIA AND KYRGYZ REPUBLIC (BY DATA FROM STUDY INTEREPID)

A. Myrزامatova¹, A. Kontsevaya¹, A. Polupanov³, A. Kashirin², A. Halmatov³, A. Altymysheva³, Y. Balanova¹

¹ Moscow, ² Samara, RUSSIA, ³ Bishkek, KYRGYZSTAN

1 / 38 BODY FAT DISTRIBUTION AND CARDIO-METABOLIC RISK FACTORS IN MIXED-ANCESTRY SOUTH AFRICAN WOMEN AND MEN

A.P. Kengne, F.E. Davidson, T.E. Matsha, R.T. Erasmus, J.E. Goedecke

Cape Town, SOUTH AFRICA

1 / 39 EFFECTS OF ATRIAL FIBRILLATION TYPE ON THE ISCHEMIC STROKE RECOVERY PERIOD COURSE IN THE PATIENTS WITH ARTERIAL HYPERTENSION

M. Dolzhenko, L. Hrubyak

Kiev, UKRAINE

1 / 40 ASSOCIATION OF SUBCLINICAL VASCULAR DAMAGE WITH DYSLIPIDEMIA IN SAINT PETERSBURG POPULATION

A. Alieva, O. Rotar, M. Boyarinova, A. Orlov, E. Moguchaya, A. Erina, V. Sointsev, E. Baranova, A. Konradi, E. Shlyakhto

Saint Petersburg, RUSSIA

1 / 41 CARDIOVASCULAR RISK OF HYPERTENSIVE ADULT POPULATION FROM AN EST-EUROPEAN COUNTRY. RESULTS FROM SEPHAR III SURVEY

M. Dorobantu, D. Dimulescu, C. Sinescu, R.O. Darabont, O.-F. Tautu

Bucharest, ROMANIA

1 / 42 COMORBIDITY OF THE PATIENTS WITH ARTERIAL HYPERTENSION (ACCORDING TO THE RUSSIAN FEDERAL REGISTER OF ARTERIAL HYPERTENSION)

N. Lazareva, E. Oshchepkova, I. Chazova

Moscow, RUSSIA

1 / 43 COMPARISON OF VARIOUS ANTHROPOMETRIC INDICES FOR THE IDENTIFICATION OF A PREDICTOR OF INCIDENT HYPERTENSION

J.R. Choi

Wonju, SOUTH KOREA

1 / 44 THE ASSOCIATION BETWEEN EARLY MORNING HYPERTENSION AND COGNITIVE DECLINE IN THE ELDERLY

J.H. Koh, S. Ahn, M. Yoo

Seoul, SOUTH KOREA

1 / 45 COMPARISON OF RISK FACTORS FOR THE DEVELOPMENT OF ARTERIAL HYPERTENSION IN KAZAKHSTAN AND ALMATY

D. Utebaliyeva, M.K. Tundybayeva, G. Junusbekova, T. Leonovich, Z. Mamedgulyeva, S.P. Berkinbayev, R. Myrzasheva

Almaty, KAZAKHSTAN

1 / 46 NEW PREDICTIVE PROFILES IN PLASMA FOR CARDIOVASCULAR RISK STRATIFICATION IN ASYMPTOMATIC INDIVIDUALS

M. Baldan-Martin¹, J.A. Lopez¹, N. Corbacho-Alonso², P.J. Martinez¹, E. Rodriguez-Sanchez², E. Calvo², G. Álvarez-Llamas², G. Ruiz-Hurtado², L.M. Ruilope², M.G. Barderas²

¹ Toledo, ² Madrid, SPAIN

Posters' Session PS12

PHARMALOGICAL TREATMENT

Chairperson: J. Shin (Seoul, SOUTH KOREA)

ROOM **2** POSTERS FROM **1** TO **25**

2 / 1 THE BENEFICIAL EFFECT OF CANAGLIFLOZIN ON NOCTURNAL HOME BLOOD PRESSURE IN TYPE 2 DIABETES MELLITUS PATIENTS: THE SHIFT-J STUDY

K. Kario¹, S. Hoshida¹, Y. Okawara¹, N. Tomitani¹, K. Yamauchi², H. Ohbayashi³, N. Itabashi⁴, Y. Matsumoto¹, H. Kanegae¹

¹ Tochigi, ² Chiba, ³ Gifu, ⁴ Ibaraki, JAPAN

2 / 2 ANTIHYPERTENSIVE DRUG TREATMENT DISCONTINUATION IN PATIENTS UNDERGOING ORTHOPEDIC SURGERY. IS IT SAFE?

M. Koutsaki, M. Kallistratos, E. Soulioti, L. Poulimenos, C. Thomopoulos, A. Mela, C. Batistaki, E. Chatziagelaki, A. Achimastos, S. Koutsaki, A.J. Manolis

Athens, GREECE

2 / 3 HYPERTENSION KNOWLEDGE DEGREE AND THEIR RELATIONSHIP WITH THE VALUES OF BLOOD PRESSURE AND OTHER VARIABLES

R. Ingaramo, C. Ingaramo

Trelew, Chubut, ARGENTINA

2 / 4 REAL-LIFE EFFECTIVENESS AND SAFETY OF FIXED COMBINATION AMLODIPINE/ IRBESARTAN IN THE MANAGEMENT OF HYPERTENSION IN LATIN AMERICA: RESULTS FROM THE PARCERIA STUDY

A. Ruiz Morales¹, C. Higa², M. Ramos³, O. Alonso⁴, L. Cobos⁵, D. Funes⁶, T. Cocarelli⁷

¹ Bogotá, COLOMBIA, ² Buenos Aires, ARGENTINA, ³ Naucaplan de Juárez, MEXICO,

⁴ Guatemala, GUATEMALA, ⁵ Santiago de Chile, CHILE, ⁶ Martinez, ARGENTINA,

⁷ São Paulo, BRAZIL

2 / 5 EFFECT OF HIGH DOSE FIMASARTAN ON CHANGES OF DAYTIME AND NIGHTTIME BLOOD PRESSURE COMPARED TO HIGH DOSE VALSARTAN

W.-B. Chung¹, S. Ihm², S. Jang¹, S. Hur¹, J. Lee¹, D. Jeon¹, K. Yoo¹, K. Chang¹, K. Seung¹

¹ Seoul, ² Bucheon, SOUTH KOREA

2 / 6 HEMODYNAMIC CHANGES IN MEN TREATED WITH LISINOPRIL AND HYDROCHLOROTHIAZIDE DURING A TWO-YEAR FOLLOW-UP

V. Stojanov, N. Radivojevic, K. Paunovic, B. Jakovljevic, M. Marjanovic

Belgrade, SERBIA

2 / 7 TISSUE DISTRIBUTION AND REDOX STATUS COENZYME Q10 AFTER INTRAVENOUS ADMINISTRATION OF UBIQUINOL TO RAT

N. Shapoval, O. Obolenskaia, E.I. Kalenikova, E. Gorodetskaya, O.S. Medvedev

Moscow, RUSSIA

2 / 8 CIRCULATING LEVELS OF SELECTED MICRORNAS AND THEIR RELATION TO NITRIC OXIDE LEVELS IN HYPERTENSIVE PATIENTS

J. Novák¹, V. Biel², M. Blaha¹, J. Spac¹, I. Rihacek¹, J. Tomandl¹, M. Soucek¹

¹ Brno, ² Boskovice, CZECH REPUBLIC

2 / 9 MODULATION OF THE MICROBIOTA BY SALT AND MELATONIN ALTERS GUT SHORT CHAIN FATTY ACIDS PRODUCTION

A. Bier, R. Khasbab, T. Braun, A. Di Segni, Y. Haberman, E. Grossman, A. Leibowitz

Ramat Gan, ISRAEL

2 / 10 POSSIBILITY OF IMPROVING THE QUALITY OF DIAGNOSIS AND TREATMENT OF HYPERTENSION AND DYSLIPIDEMIA BY PHYSICIANS EDUCATION

D. Nebieridze¹, V. Michin², N. Acmedjanov¹, T. Kamishova¹

¹ Moscow, ² Kursk, RUSSIA

2 / 11 FACTORS ASSOCIATED WITH TARGET ORGAN DAMAGE REGRESS ON FIXED DOSE COMBINATION PERINDOPRIL/AMLODIPIN IN HYPERTENSIVE PATIENTS WITH AND WITHOUT ISCHEMIC HEART DISEASE

G. Radchenko, T. Slascheva, S. Kushnir, L. Mushtenko, O. Torbas, Y. Sirenko

Kiev, UKRAINE

2 / 12 IS IT SAFE TO WITHDRAW COMBINED ANTIHYPERTENSIVE TREATMENT BEFORE NON-CARDIAC SURGERY IN THE VERY ELDERLY?

M. Koutsaki, M. Kallistratos, E. Soulioti, L. Poulimenos, C. Thomopoulos, A. Mela,

C. Batistaki, E. Chatziagelaki, A. Achimastos, S. Koutsaki, L.A. Khashlok, A.J. Manolis

Athens, GREECE

2 / 13 A MINIMAL ROLE FOR ENDOTHELIAL NITRIC OXIDE IN VASOCONSTRICTOR AND VASODILATOR RESPONSES OF GUINEA-PIG AORTA

K. Broadley, H. Broadley
Cardiff, UNITED KINGDOM

2 / 14 INTESTINAL ANGIONEUROTIC EDEMA ASSOCIATED WITH PERINDOPRIL ADMINISTRATION

E. Wojciechowska¹, P. Gryglas², P. Jedrusik¹, P. Dul²
¹Warsaw, ²Plonsk, POLAND

2 / 15 HEMODYNAMIC MANAGEMENT OF HIGH BLOOD PRESSURE

F. Chacon-Lozsan, M. Rodriguez-Torres, R. Rojas
Caracas, VENEZUELA

2 / 16 EVALUATION OF POLYMORPHO NUCLEAR CELLS (PMN) CYTOTOXIC ACTIVITY FROM PATIENTS WITH ACUTE CORONARY SYNDROMES

C.R. Revnic¹, F. Revnic¹, B. Paltineanu², S. Voinea¹
¹Bucharest, ²Targu Mures, ROMANIA

2 / 17 PHYSIOLOGICAL AND BIOCHEMICAL STUDIES OF RAT HEART WITH EXPERIMENTAL HYPERTHYROIDISM

C.R. Revnic¹, F. Revnic¹, B. Paltineanu², S. Voinea¹
¹Bucharest, ²Targu Mures, ROMANIA

2 / 18 EFFECTS OF ARTEMISININ ON PRESSURE OVERLOAD INDUCED ARRHYTHMIAS IN SPONTANEOUSLY HYPERTENSIVE RATS COMPARISON WITH VERAPAMIL

X. Xu
Beijing, CHINA

2 / 19 BLOOD PRESSURE CONTROL OF NIFEDIPINE GITS 60MG TREATMENT IN PREVIOUSLY UNCONTROLLED HYPERTENSIVE PATIENTS: A PROSPECTIVE, OPEN-LABEL, MULTICENTER, SINGLE-ARM, 8WEEK STUDY

L. Liu¹, Y. Zhang¹, F. Lu², Y. Zhao², Y. Wu³, P. Gao⁴, S. Chen⁴, L. Chen⁵, T. Yang⁶, Y. Sun⁷, W. Yao⁷, X. Ji², J. Mu⁸, S. Li¹
¹Beijing, ²Shandong Sheng, ³Tangshan, ⁴Shanghai, ⁵Fujian Sheng, ⁶Hunan Sheng, ⁷Heping Qu, ⁸Shaanxi Sheng, CHINA

2 / 20 LOW FIXED-DOSES COMBINATION PERINDOPRIL/INDAPAMIDE/ AMLODIPINE -EFFECTS IN GRADE 2 HYPERTENSIVES NOT ADEQUATELY CONTROLLED

L. Popescu, H. Balan
Bucharest, ROMANIA

2 / 21 EFFECT OF 17-BETA ESTRADIOL ON HYPOXIA PULMONARY HYPERTENSION DEPENDS ON SEX AND DEGREE OF HYPOXIA

N. Pankova, M. Artemieva, N. Medvedeva
Moscow, RUSSIA

2 / 22 EFFECTS OF HYDROGEN SULFIDE ON THE GARDOS CHANNELS ACTIVITY IN ERYTHROCYTES

I. Birulina, I. Petrova, O. Trubacheva, Y. Rozenbaum, E. Teslya, V. Rydchenko
Tomsk, RUSSIA

2 / 23 EFFECT OF HYPERTENSION AND THYROID STATUS ON THE EXTRACELLULAR MATRIX AND INTERCELLULAR COMMUNICATION IN THE HEART AND POSSIBILITIES OF PREVENTION WITHS OMEGA-3 FATTY ACIDS DIET

M. Sykora¹, B. Szeiffova Bacova¹, T. Soukup², M. Barancik¹, N. Tribulova¹
¹ Bratislava, SLOVAK REPUBLIC, ² Prague, CZECH REPUBLIC

2 / 24 MIRACLEOUS HTMS AND TENS TREATMENTS ON HYPERTENSION AND RESISTANT PERIPHERIC POLYNEUROPATHIES WITH DIABETES MELLITUS, CHRONIC KIDNEY DISEASE AND PRIMARY HYPERTENSION

Y. Sagliker, N. Paylar, I. Gokcay, B. Kelle, H. Sagliker, P. Sagliker Ozkaynak, A. Heidland, A. Keck, C. Sagliker, E. Kozanoglu
Adana, TURKEY

2 / 25 HOMEOSTATIC CRITERIA OF PHARMACOTHERAPY EFFICACY AND SAFETY IN ELDER PATIENTS WITH ARTERIAL HYPERTENSION COMBINED WITH CORONARY ARTERY DISEASE

N. Tofan, V. Shtanko, O. Khyzhnyak
Odessa, UKRAINE

Posters' Session PS13

AGEING, CHILDREN AND ADOLESCENTS, WOMEN

Chairperson: M.H. Olsen (Glostrup, DENMARK)

ROOM **3** POSTERS FROM **1** TO **26**

3 / 1 NITRIC OXIDE, SERUM HOMOCYSTEINE AND INTIMA-MEDIA THICKNESS IN ADOLESCENT HYPERTENSION

S. Lengyel, E. Katona, C. Molnar, G. Paragh, B. Fulesdi, D. Pall
Debrecen, HUNGARY

3 / 2 CHILDHOOD ELEVATED BLOOD PRESSURE PREDICTS ADULT RENAL DAMAGE IN MALES BUT NOT IN FEMALES

Y. Yan, D. Hou, J. Liu, H. Cheng, X. Zhao, J. Mi
Beijing, CHINA

3 / 3 INVESTIGATING OXIDATIVE-NITRATIVE STRESS TOGETHER WITH ARTERIAL UTERINE RESISTANCE MEASUREMENT IN HEALTHY PREGNANT WOMEN

E.M. Horvath, R. Benko, Z. Mezei, A. Penyige, D. Gerszi, B. Sarai-Szabo, C. Demendi, S. Varbiro
Budapest, HUNGARY

3 / 4 MESENCHYMAL STEM CELLS INFLUENCE TROPHOBLAST AND ENDOTHELIAL CELL FUNCTIONALITY IMPORTANT FOR PREVENTION OF PRE-ECLAMPSIA VIA A NOVEL ANTI-ANGIOGENIC PROTEIN, FKBPL

N. Todd, R. McNally, A. Alqudah, A. Krasnodembskaya, L. McClements
Belfast, UNITED KINGDOM

3 / 5 VASCULAR AGEING AND PRECLINICAL TARGET ORGAN DAMAGE IN COMMUNITY-DWELLING ELDERLY: THE NORTHERN SHANGHAI STUDY

Y. Zhang¹, H. Ji¹, J. Xiong¹, S. Yu¹, C. Chi¹, T. Jiadela¹, J. Li¹, J. Blacher², Y. Xu¹
¹Shanghai, CHINA, ²Paris, FRANCE

3 / 6 AMBULATORY VERSUS HOME BLOOD PRESSURE: WHICH CAN PREDICT BETTER EARLY VASCULAR AGEING?

C. Antza¹, I. Doundoulakis¹, S. Stabouli², V. Kotsis¹
Thessaloniki, GREECE

3 / 7 BLOOD TESTS DURING PREGNANCY THAT MAY PREDICT LONG TERM CARDIOVASCULAR MORBIDITY

T. Wolak¹, S. Yuval Bar-Asher², A. Shefer², I. Shoham Vardi², R. Sergienko², A. Wolak¹, E. Sheiner²
¹Jerusalem, ²Beer-Sheva, ISRAEL

3 / 8 MICROCIRCULATION REMODELLING IN CHILDREN WITH ARTERIAL HYPERTENSION

A. Rogowska, L. Obrycki, A. Niemirska, M. Litwin
Warsaw, POLAND

3 / 9 PERCUTANEOUS APPROACH TO COMPLEX RENAL ARTERY STENOSES IN PEDIATRIC RENOVASCULAR HYPERTENSION

P. Salice, L. Mircoli, L. Burdick, I. Borzani, F. Colombo, A. Mastrangelo, G. Ardissino, C. Beretta, L. Ughi, L. Bacà, C. Montani, M. Ferraresso, G. Montana, F. Lombardi
Milan, ITALY

3 / 10 24-HOUR AMBULATORY CENTRAL BLOOD PRESSURE IS MORE CLOSELY ASSOCIATED WITH CAROTID HYPERTROPHY THAN BRACHIAL AMBULATORY BLOOD PRESSURE IN ADOLESCENTS AND YOUNG ADULTS

A. Kollias, A. Ntineri, E. Stambolliu, S. Papadatos, A. Vazeou, G.S. Stergiou
Athens, GREECE

3 / 11 PREVALENCE AND RELATION OF WEIGHT EXCESS AND BLOOD PRESSURE WITH ANTROPOMETRIC MEASUREMENTS IN A SAMPLE OF ITALIAN CHILDREN

A. Tagetti, S. Bonafini, A. Giontella, P. Minuz, S. Fezzi, C. Maffei, F. Antoniazzi, C. Fava
Verona, ITALY

3 / 12 HYPERTENSION AND MORTALITY IN THE ELDERLY, LONGITUDINAL STUDY "FIESOLE MISURATA"

M. Bulgaresi, G. Turrin, G. Rivasi, F. Sgrilli, L. Martella, A. Giordano, C. Lorenzi, N. Nesti, E. Lucenteforte, A. Ungar
Florence, ITALY

3 / 13 CIRCULATING MICRORNAS LINKING PRE-ECLAMPSIA WITH FUTURE CARDIOVASCULAR DISEASE

K. Schlosser, L. Pilote², N. Dayan², D.J. Stewart¹, A. Kaur³, C. Delles³
¹ Ottawa, ² Montreal, CANADA, ³ Glasgow, UNITED KINGDOM

3 / 14 PREVALENCE AND DETERMINANTS OF HYPERTENSION AMONG ADOLESCENTS IN NEW DELHI, INDIA. A CROSS-SECTIONAL STUDY

T.S. Nair, S. Garg, V.K. Gupta, M.M. Singh, L. Chandra
 New Delhi, INDIA

3 / 15 PREECLAMPTIC WOMEN WITH FEATURES OF SUBCLINICAL SECONDARY HYPERPARATHYROIDISM HAVE ELEVATED BLOOD PRESSURE LEVELS AFTER DELIVERY

G. Colussi, C. Catena, V. Fagotto, F. Pezzutto, L. Driul, L.A. Sechi
 Udine, ITALY

3 / 16 LIPID PROFILE IN CHILDREN WITH ILLNESS HEREDITY IN CARDIOVASCULAR PATHOLOGY

D. Sadykova¹, I. Leontieva², N. Khasanov¹, L. Galimova¹, E. Slastnikova¹, F. Magamedkerimova¹
¹ Kazan, ² Moscow, RUSSIA

3 / 17 COMPARATIVE EFFECTIVENESS OF ANTIHYPERTENSIVE THERAPY IN PREGNANT WOMEN WITH GESTATIONAL AND CHRONIC ARTERIAL HYPERTENSION

N.A. Latypova, A.S. Kerimkulova, M.D. Medubayeva, Z.R. Azhetova, G.M. Kamalbekova
 Astana, KAZAKHSTAN

3 / 18 COMORBIDITIES AS PREDICTORS OF CARDIOVASCULAR RISK AND SURVIVAL IN HYPERTENSIVE VERY ELDERLY PATIENTS

R. Staiculescu, M. Fronea, C. Unugureanu, G. Dediu, D. Olteanu, B. Balaceanu, D. Gurau, A. Balaceanu
 Bucharest, ROMANIA

3 / 19 VASCULAR AGE AND TARGET ORGAN DAMAGE IN THE MIDDLE-AGED UNTREATED PATIENTS WITH UNCOMPLICATED ESSENTIAL ARTERIAL HYPERTENSION

O. Ostroumova, A. Kochetkov, T. Ostroumova, V. Parfyonov, E.E. Borisova, V. Perepelov
 Moscow, RUSSIA

3 / 20 HEALTHY ORGAN AGEING IS ASSOCIATED WITH LOW CVD RISK IN CHINESE ELDERLY: THE NORTHERN SHANGHAI STUDY

H. Ji¹, Y. Lu¹, J. Xiong¹, S. Yu¹, C. Chi¹, T. Jiadela¹, J. Li¹, J. Blacher², Y. Zhang¹, Y. Xu¹
¹ Shanghai, CHINA, ² Paris, FRANCE

3 / 21 RELATIONSHIPS BETWEEN RENAL VASCULATURE ABNORMALITIES AND ARTERIAL HYPERTENSION IN CHILDREN AND ADOLESCENTS

U. Giordano, M.L. Yammine, M. Chinali, A. Secinaro, A. Turchetta, G. Cafiero, M.C. Matteucci
 Rome, ITALY

3 / 22 ROLE OF NOVEL ECHOCARDIOGRAPHIC METHODS TO DETECT EARLY MYOCARDIAL DYSFUNCTION IN WOMEN WITH PREECLAMPSIA

K. Hristova, R. Marinov, G. Stamenov, K. Chacheva, M. Michova
Sofia, BULGARIA

3 / 23 ASSESSING THE IMPACT OF BIRTH WEIGHT AND POSTNATAL WEIGHT GAIN ON INSULIN RESISTANCE DURING THE FIRST DECADE OF LIFE

E. Lurbe^{1,2}, I. Torro^{1,2}, J. Álvarez^{1,2}, F. Aguilar^{1,2}, P. Redon^{1,2}, J. Redon^{1,2}
¹ Valencia, ² Madrid, SPAIN

3 / 24 CORRELATION OF OFFICE BLOOD PRESSURE MEASUREMENTS IN CHILDREN. COMPARISONS WITH DAYTIME AMBULATORY BLOOD PRESSURE MEASUREMENTS

M. Pikilidou, M. Stamou, A. Grammatikopoulou, A. Keivanidou, P. Georgianos, M. Yavropoulou, S. Nanoudis, A. Giannopoulos, P. Zebekakis
Thessaloniki, GREECE

3 / 25 RELATIONSHIP OF AORTIC AND CAROTID STIFFNESS WITH AMBULATORY BLOOD PRESSURE IN CHILDREN AND YOUNG ADULTS

A. Kollias, E. Stambolliu, K. Kyriakoulis, A. Ntineri, A. Vazeou, G.S. Stergiou
Athens, GREECE

3 / 26 IMPACT OF AGE ON THE ASSOCIATIONS BETWEEN TARGET ORGAN DAMAGE AND HEMODYNAMIC COMPONENTS DERIVED FROM 24-HOUR AMBULATORY BLOOD PRESSURE MEASUREMENT

T. Olesen¹, M. Pareek¹, J. Stidsen¹, M. Blicher¹, S. Rasmussen³, J. Vishram-Nielsen⁴, M.H. Olsen²
¹ Odense, ² Holbæk, ³ Herlev, ⁴ Glostrup, DENMARK

Posters' Session PS14

HEART

Chairperson: V. Katsi (Athens, GREECE)

ROOM 4 POSTERS FROM 1 TO 25

4 / 1 NONINVASIVE ASSESSMENT OF REGIONAL PRESSURE STRAIN LOOP IN HYPERTENSIVE WOMEN DURING PREGNANCY

K. Hristova-Tselova, R. Marinov, S. Tsonev
Sofia, BULGARIA

4 / 2 HOW THYROID DISORDER AND HYPOVOLEMIA WILL AFFECT RAT'S MITOCHONDRIAL HEART FUNCTION

F.M. Vazquez, N.S. Ogonowski, J. Catz, A. Stevallato, F. Lista, A. Abramovici, J. Lopez Torres, M.B. Puchulu, T. Zaobornyj, L. Valdez, A.M. Balaszczuk, A. Fellet
Buenos Aires, ARGENTINA

4 / 3 HYDROCHLOROTHIAZIDE ASSOCIATED TO ANGIOTENSIN RECEPTOR BLOCKERS TREATMENT CAN DEVELOP ATRIAL FIBRILLATION ACCORDING CENTRAL HEMODYNAMIC PARAMETERS IN HYPERTENSIVE PATIENTS

C.A. Paterno Marchioli

Foggia, ITALY

4 / 4 THE IMPACT OF ARTERIAL HYPERTENSION ON LEFT VENTRICULAR STRAIN IN SEVERE AORTIC STENOSIS WITH PRESERVED EJECTION FRACTION

M. Tadic¹, C. Cuspidi², V. Celic¹, B. Ivanovic¹, B. Pencic¹, M. Bombelli², V. Kocijancic¹, G. Grassi²

¹ *Belgrade, SERBIA*, ² *Milan, ITALY*

4 / 5 MANAGEMENT OF HYPERTENSION ACCORDING TO HEMODYNAMIC MODULATORS BY IMPEDANCE CARDIOGRAPHY IS NOT SUPERIOR TO STANDARD CLINICAL CARE IN TREATING NAÏVE HYPERTENSIVE PATIENTS

E. Rodilla Sala, B. Carreras Gamón, B. De Berardinis Moreno, J. Costa Muñoz, J. Pascual Izuel
Valencia, SPAIN

4 / 6 IMPACT OF AGE AND RACE ON 24-HOUR AMBULATORY HEART RATE – STROKE VOLUME COUNTER-REGULATION

K. Elango, R. Ahmed, S. Elsayed, S. Bhura, P. Osmond, J. Izzo Jr.

Buffalo, NY, USA

4 / 7 PREDICTORS OF ATRIAL FIBRILLATION PROGRESSION IN HYPERTENSIVE PATIENTS

V. Podzolkov, A. Tarzimanova, M. Pisarev, R. Gataulin

Moscow, RUSSIA

4 / 8 USAGE OF LASER CORRELATION SPECTROMETRY FOR ASSESSMENT OF PHARMACOTHERAPY SAFETY IN ELDERLY WITH CARDIOVASCULAR DISEASES

N. Tofan, V. Shtanko, O. Khyzhnyak

Odessa, UKRAINE

4 / 9 RELATIONSHIP BETWEEN OF LOCAL ARTERIAL STIFFNESS PARAMETERS AND ECHOCARDIOGRAPHIC INDICATORS IN PATIENTS WITH STEMI

V. Oleynikov, L. Salyamova, N. Burko, V. Galimskaya

Penza, RUSSIA

4 / 10 EFFECT OF DIFFERENT DOSES OF ATORVASTATIN THERAPY ON CENTRAL PRESSURE PARAMETERS IN STEMI PATIENTS

V. Oleynikov, I. Matrosova, E. Abramova, N. Burko

Penza, RUSSIA

4 / 11 PROGNOSTIC ASSESSMENT OF STRESS TEST ECHOCARDIOGRAPHY IN ADULT HYPERTENSION

S. Tumminello, F. Immordino, G. Evola, S. Novo

Palermo, ITALY

4 / 12 ATRIAL FIBRILLATION AND CHRONIC KIDNEY DISEASE ESH-FA PROJECT-DATA ON CROATIAN COHORT

P. Radic¹, D. Dosen¹, G. Eder¹, E. Čatić Ćuti², A. Jelakovic¹, A. Legovic¹, M. Lovric Bencic¹, M. Mihajlovic¹, V. Premuzic¹, D. Milicic¹, E. Agabiti Rosei³, B. Jelakovic¹

¹ Zagreb, ² Zabok, CROATIA, ³ Brescia, ITALY

4 / 13 NOVEL MARKER OF MYOCARDIAL REMODELING ST2 AND THE INFLUENCE OF ALDOSTERONE ANTAGONIST IN PATIENTS WITH HEART FAILURE CAUSED BY HYPERTENSION AND ISCHEMIC HEART DISEASE

O. Barnett, K. Polyetayeva, M. Halkevych, N. Lutsiv, R. Hrytsak, I. Blazhivska, O. Trofimchuk, M. Dorka, S. Kumurzhii

Lviv, UKRAINE

4 / 14 DIAGNOSTIC OF EVA SYNDROME IN PATIENTS WITH CHD MANIFESTED AS STEMI

L. Salyamova, A. Khromova, N. Borisova, A. Kvasova, V. Oleynikov

Penza, RUSSIA

4 / 15 IMPROVEMENT OF SYSTOLIC FUNCTION IN STABLE CORONARY ARTERY DISEASE PATIENTS AFTER REVASCULARISATION

L. Caunite, G. Kamzola, K. Trusinskis, J. Jakovleva

Riga, LATVIA

4 / 16 PULSE-COR REGISTRY: BIOCHEMICAL FACTORS ASSOCIATED WITH ARTERIAL STIFFNESS AND LV STIFFNESS

O. Torbas, O. Rekovets, S. Kushnir, Y. Sirenko

Kiev, UKRAINE

4 / 17 SYSTEMIC VASCULAR RESISTANCE OF VASOSPASTIC ANGINA IS HIGHER COMPARED WITH MICROVASCULAR ANGINA AFTER SHEATH INSERTION

M. Takahashi, S. Todani, T. Iiduka, M. Noro

Sakura, JAPAN

4 / 18 COMPARISON OF TWO FORMS OF LEFT VENTRICULAR MASS INDEXATION IN PATIENTS WITH BMI GREATER THAN 25: VASCULAR CHARACTERISTICS

M.A. Schiavone, S. Gonzalez, P. Kempny, L. Ayerdi, J. Chiabaut Svane, M. Failo, C. Castellaro

Derqui, ARGENTINA

4 / 19 MAGNESIUM THERAPY IN HYPERTENSIVE HEART DISEASE

K. Kisters, B. Gremmler, U. Groeber

Herne, GERMANY

4 / 20 CIRCULATING LEVELS OF MATRIX METALLOPROTEINASE-9 ARE ELEVATED IN INDIVIDUALS WITH HYPERTENSIVE CRISIS

J. Vilela-Martin, L. Cosenso-Martin, F. Valente

São José do Rio Preto, BRAZIL

4 / 21 RENAL RESISTIVE INDEX: GENERAL AND HEMODYNAMIC DETERMINANTS IN HYPERTENSIVE PATIENTS

I. Cabac-Popgorevici, V. Revenco
Chisinau, MOLDOVA

4 / 22 ANALGESIC DRUG USE IN PATIENTS WITH HYPERTENSION AND CORONARY ARTERY DISEASE

A. Olszanecka, L. Reczek, M. Schonborn, S. Janiec, M. Cebenko, I. Palasz, D. Czarnecka
Krakow, POLAND

4 / 23 ENDOTHELIAL DYSFUNCTION IS THE KEYSTONE OF PATHOGENESIS OF MICROVASCULAR ANGINA: ROLE OF CHRONIC INFLAMMATION AND OXIDATIVE STRESS

I. Leonova, S. Boldueva, O. Zaharova, L. Gaykovaya
Saint Petersburg, RUSSIA

4 / 24 LEFT VENTRICULAR FILLING PATTERN IN RELATION WITH THE TYPE OF CAVITY REMODELLING IN HYPERTENSIVE PATIENTS

C. Nicolae, M. Micu, I. Eclemea, A.S. Hodorogea, S.A. Serban, I. Stoica, N. Paun
Bucharest, ROMANIA

4 / 25 HEART RATE VARIABILITY, LARGE VESSEL REMODELLING AND METABOLIC PARAMETERS IN STAGE 1 HYPERTENSION ACCORDING TO THE ACC/AHA 2017 GUIDELINES

A. Shalimova, B. Graff, D. Gasecki, E. Szurowska, A. Sabisz, K. Narkiewicz
Gdansk, POLAND

Posters' Session PS15

LIFESTYLE, HYPERTENSION MANAGEMENT

Chairperson: J. Isea (Madrid, SPAIN)

ROOM 5 POSTERS FROM 1 TO 21

5 / 1 UPWARD-SHIFT AND STEEPENING OF THE BLOOD PRESSURE RESPONSE TO EXERCISE IN HYPERTENSIVE SUBJECTS AT HIGH ALTITUDE

C. Baratto¹, S. Caravita¹, A. Faini¹, G. Bilo¹, J. Macarlupu², M. Lang³, M. Revera¹, C. Lombardi¹, F. Villafuerte², P. Agostoni¹, G. Parati¹
¹ Milan, ITALY, ² Lima, PERU, ³ Antofagasta, CHILE

5 / 2 FIRST-IN-MAN EXPERIENCE OF DISTAL RENAL DENERVATION IN SEGMENTAL BRANCHES OF RENAL ARTERY USING MULTI-ELECTRODE BALLOON DEVICE

S. Pekarskiy, A. Baev, V. Mordovin, T. Ripp, A. Falkovskaya, V. Lichikaki, E. Sitkova
Tomsk, RUSSIA

5 / 3 ADAPTATIONS IN THE ARTERIAL FUNCTION OF FEMALE RUGBY ATHLETES—A CROSS-SECTIONAL STUDY

T. Pereira, A. Correia, J. Maldonado, J. Conde
Coimbra, PORTUGAL

5 / 4 ASSESSMENT OF SALT INTAKE IN VALID 24 HOUR URINE SAMPLING. APPROPRIATE AND COMPREHENSIVE INSTRUCTIONS LEAD TO HIGH PERCENTAGE OF SUCCESS OF REAL URINE 24 HOURS COLLECTION

J. Polonia¹, I. Torres², J. Silva³, S. Bertoquini¹
¹Porto, ²Póvoa de Varzim/Vila do Conde, ³Matosinhos, PORTUGAL

5 / 5 AN EXAMINATION ABOUT EVALUATION OF BLOOD PRESSURE AND PULSE WAVE VELOCITY IN HEALTHY YOUTHS WITH/WITHOUT FITNESS HABITS

T. Yokoi
Daito, JAPAN

5 / 6 SODIUM CONTENT AMONG INSTANT NOODLES IN MALAYSIA: A CROSS-SECTIONAL STUDY

C.H. Tan¹, Z.Y. Chow¹, Y.C. Chia², S.M. Ching¹, N.K. Devraj¹, K.W. Lee¹, K.A. Ng², S.L. Tan³
¹Serdang, ²Kuala Lumpur, ³Penang, MALAYSIA

5 / 7 MEDICATION ADHERENCE AND UNREPORTED DRUG USE DURING WORKUP FOR PRIMARY ALDOSTERONISM

F. Sandbaumhüter, B. Vogt, M. Haschke, J. Bohlender
Bern, SWITZERLAND

5 / 8 HEALTH PERCEPTION AMONG MENOPAUSAL WOMEN

M. Del Sueldo¹, N. Martell-Claros³, J. Zilberman², M. Abad-Cardiel³, J.A. Garcia-Donaire³, C. Fernandez-Perez³
¹Cordoba, ²Buenos Aires, ARGENTINA, ³Madrid, SPAIN

5 / 9 THE ASSOCIATION BETWEEN ANTIHYPERTENSIVE ADHERENCE AND HEALTHCARE UTILISATION: APPLYING GROUP-BASED TRAJECTORY MODELS IN A COMMUNITY PHARMACY SETTING

P. Dillon, P. Gallagher, S. Smith, G. Cousins
Dublin, IRELAND

5 / 10 HIGH PREVALENCE OF SUBJECTS WITH HIGH CARDIOVASCULAR RISK IN COMMUNITY PHARMACIES – HIC RHODUS. HIC SALTO. PHYSICIAN-PHARMACIST COLLABORATIVE PROJECT OF THE CROATIAN SOCIETY OF HYP

A. Jelakovic, M. Brozovic, Z. Dobrincic, V. Domislovic, K. Djapic, N. Lugovic, M. Mrsic, M. Radovic, O. Velkovski Skopic, B. Jelakovic
Zagreb, CROATIA

5 / 11 BODY IMAGE PERCEPTION AMONG FIRST GENERATION CHINESE MIGRANTS IN ITALY

C. Casini, G. Castellini, M. Boddi, V. Ricca, G. Galanti, P.A. Modesti
Florence, ITALY

5 / 12 FIXED DOSE COMBINATION THERAPY IS ASSOCIATED WITH BETTER BLOOD PRESSURE CONTROL AND LOWER ALBUMINURIA IN REAL-LIFE COHORT DURING 7 YEARS OF FOLLOW UP. ENAH – CROATIAN RURAL STUDY

A. Jelakovic¹, M. Abramovic², Z. Dika¹, V. Domislovic¹, K. Djapic¹, M. Fucek¹, L. Gellineo¹, J. Josipovic¹, S. Karanovic¹, J. Kos¹, N. Leko², V. Matijevic², V. Premuzic¹, I. Vukovic Brinar¹, B. Jelakovic¹

¹ Zagreb, ² Slavonski Brod, CROATIA

5 / 13 PLASMA BETA BLOCKER LEVEL MEASUREMENT - THE DIFFERENCE IN TREATMENT ADHERENCE ACCORDING TO TYPE OF BETA BLOCKER

E. Kocianova¹, J. Václavík¹, T. Kvapil¹, M. Kamasová¹, K. Benesova², J. Jarkovský², J. Tomková¹, M. Táborský¹

¹ Olomouc, ² Brno, CZECH REPUBLIC

5 / 14 SALT INTAKE AND ASSOCIATED FEATURES IN A PORTUGUESE HYPERTENSION CLINIC

P. Marques, T. Morais, M.J. Lume, S. Tavares, C. Silva, L. Nogueira-Silva, M.J. Lima
Porto, PORTUGAL

5 / 15 CARDIOVASCULAR PREVENTION: METABOLIC SYNDROME AND LIFESTYLE IN WOMEN, THE PROSA STUDY

R. Meazza, G. Scarpini, G. Ferrari, A. Ratti, M. Schiavone, L. Allievi, F. Lombardi, A. Villarini
Milan, ITALY

5 / 16 SODIUM CONCENTRATION OF SWEAT CORRELATES WITH DIETARY SODIUM INTAKE

P. Braconnier, N. Loncle, J. Dos Santos Lourenco, H. Guérin, M. Burnier, M. Pruijm
Lausanne, SWITZERLAND

5 / 17 CARDIOVASCULAR ADAPTATION TO PHYSICAL ACTIVITY IN ETHNICALLY DIFFERENT YOUNG ATHLETES

G. Galanti, B. Tosi, M. Orlandi, G. Mascherini, C. Giannelli, L. Stefani, L. Toncelli, M. Boddi, P.A. Modesti
Florence, ITALY

5 / 18 THE IMPACT OF A FRUIT AND VEGETABLE DIET ON BLOOD PRESSURE IN A COMMUNITY OF AFRICAN DESCENT

T. Nyundu, E. Maseko, M. Mashao, A. Raheem, M. Maseko
Johannesburg, SOUTH AFRICA

5 / 19 HIGH SODIUM INTAKE IS ASSOCIATED WITH MASKED HYPERTENSION IN THE GENERAL POPULATION

K. Stolarz-Skrzypek, A. Bednarski, H. Barton, A. Olszanecka, W. Wojciechowska, K. Kawecka-Jaszcz, D. Czarnicka
Krakow, POLAND

5 / 20 EFFECT OF THERAPEUTIC GROUP EDUCATION ON ADHERENCE AND BLOOD PRESSURE CONTROL AMONG UNCONTROLLED HYPERTENSIVE PATIENTS IN SUB SAHARAN AFRICA

C.N. Nganou-Gnindjio¹, H.G. Domning Kenmogne², B. Hamadou¹, F. Kamdem³, L. Mfeukeu-Kuate¹, A. Tankeu¹, G. Bédiang¹, A.P. Menanga¹, S. Kingue¹

¹ Yaounde, ² Bangangté, ³ Douala, CAMEROON

5 / 21 CARDIOONCOLOGICAL AND TELEMEDICAL CARE IN PATIENTS WITH COLON CANCER. MANAGEMENT OPTIMISATION (CARTAGINA STUDY)

K. Styczkiewicz¹, S. Medrek¹, M. Styczkiewicz¹, P. Jankowski², S. Szmit³, S. Stec⁴

¹ Brzozow, ² Krakow, ³ Otwock, ⁴ Rzeszow, POLAND

Posters' Session PS16

BLOOD PRESSURE MEASUREMENT AND VARIABILITY

Chairperson: G.S. Stergiou (Athens, GREECE)

ROOM **6** POSTERS FROM **1** TO **37**

6 / 1 HOME BLOOD PRESSURE VARIABILITY AND PRECLINICAL TARGET-ORGAN DAMAGE IN UNTREATED HYPERTENSION

A. Kollias, K. Kyriakoulis, N. Karpettas, G. Agaliotis, C. Geladari, E. Andreadis, G.S. Stergiou
Athens, GREECE

6 / 2 CIRCADIAN RHYTHM OF BLOOD PRESSURE IS RELATED WITH HEART RATE BUT NOT GLUCOSE VARIABILITY IN LONG-STANDING TYPE 1 DIABETES

B. Graff, A. Szyndler, A. Shalimova, M. Blaszkowska, J. Wolf, E. Orlowska-Kunikowska, B. Wolnik, K. Narkiewicz
Gdansk, POLAND

6 / 3 BAROREFLEX SENSITIVITY AND CAROTID INTIMA-MEDIA THICKNESS IN RISK STRATIFICATION OF PREHYPERTENSIVES AND HYPERTENSIVES

D. Celovska¹, J. Gonsorcik², L. Gaspar¹, V. Stvrtinova¹

¹ Bratislava, ² Kosice, SLOVAK REPUBLIC

6 / 4 BLOOD PRESSURE VARIABILITY AMONG RHEUMATOID ARTHRITIS PATIENTS

O. Turgay Yildirim¹, E. Gonullu¹, F. Aydin¹, A. Huseyinoglu Aydin¹, E. Dagtekin¹, E. Aksit³, S. Has Hasirci³

¹ Eskisehir, ² Canakkale, ³ Ankara, TURKEY

6 / 5 INTENSIVE ANTIHYPERTENSIVE TREATMENT ON PATIENTS WITH LOW BLOOD PRESSURE VARIATION REDUCES RISK OF DEATH FROM CARDIOVASCULAR DISEASES: A MACHINE LEARNING APPROACH ON SPRINT

K. Kf Tsoi, N.B. Chan, S.Y. Wong

Hong Kong, HONG KONG

6 / 6 CONTINUOUS CUFF-LESS BLOOD PRESSURE ESTIMATION REVEALS OVERNIGHT BLOOD PRESSURE VARIABILITY IN RELATION TO RESPIRATORY EVENTS WITH OBSTRUCTIVE SLEEP APNOEA SYNDROME

M. Yamazaki¹, H. Eda², A. Sasou³, S. Takagi³, M. Matsuura³, Y. Yamashiro³

¹ Kawaguchi, ² Hamamatsu, ³ Haeburu, JAPAN

6 / 7 INFLUENCE OF REPEATED CUFF-INFLATIONS ON 24 HOUR BLOOD PRESSURE LEVELS

P. Krisai, A. Meienberg, M. Mayr, A. Vischer, T. Burkard

Basel, SWITZERLAND

6 / 8 INFLUENCE OF HEART RATE AND HEART RATE VARIABILITY TO BLOOD PRESSURE LEVEL AND VARIABILITY

T.A. Mangileva, V.I. Sadovoy, N.V. Tatarevskiy, E.A. Sokolovskaya, S.O. Prigorev

Simferopol, RUSSIA

6 / 9 EFFECTS OF AIR POLLUTION IN 24H AMBULATORY BLOOD PRESSURE MONITORING

N. Soldevila Bacardit¹, E. Vinyoles Bargalló¹, A. Tobias Garces², J. Real², J. Del Val², J.R. Banegas³, A. De La Sierra⁴, M. Muñoz², J. Verdú², M. Domingo², X. Mundet², J. De La Cruz³, J. Segura³, M. Gorostidi⁵, L.M. Ruilope³

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6 / 10 ARE REPEATED DAYTIME WRIST BLOOD PRESSURE (BP) MEASUREMENTS USEFUL IN OBESE HYPERTENSIVE PATIENTS WHO DO NOT TOLERATE AMBULATORY BLOOD PRESSURE MONITORING (ABPM)?

S. Studer, S. Trembley, M. Berney, G. Wuerzner, M. Burnier

Lausanne, SWITZERLAND

6 / 11 CONCORDANCE BETWEEN THE BLOOD PRESSURE PROFILE (BPP) AND AMBULATORY BLOOD PRESSURE MONITORING (ABPM) FOR THE DIAGNOSIS OF HIGH BLOOD PRESSURE (HBP) IN PRIMARY HEALTH CARE

E. Lorca Herrera, L. Michea, L. Toro, N. Alban, D. Contreras, M. Paccot, M. Escobar

Santiago, CHILE

6 / 12 SHORT-TERM REPRODUCIBILITY OF AMBULATORY BLOOD PRESSURE MONITORING: A SYSTEMATIC REVIEW

K.P. Lee, B. Yip, S. Wong, K. Tsoi, J. Kwong, C. Chu

Hong Kong, HONG KONG

6 / 13 CUFF-LESS BLOOD PRESSURE ESTIMATION SYSTEM ENABLES LONG TIME CONTINUOUS MONITORING

H. Eda¹, H. Eda¹, M. Yamazaki², A. Sasou³, S. Takagi³, M. Matsuura³, Y. Yamashiro³

¹ Hamamatsu, ² Kawaguchi, ³ Haeburu, JAPAN

6 / 14 THE CORRECTION OF PSYCHOLOGICAL STYLE OF BEHAVIOR MAY IMPROVE THE EFFECTIVENESS OF ANTIHYPERTENSIVE THERAPY IN THE WORKPLACE IN PATIENTS WITH HYPERTENSION

G. Andreeva, Y. Koshelyaevskaya, V. Gorbunov, D. Lyusin

Moscow, RUSSIA

6 / 15 SYSTOLIC AUTOMATED OFFICE BP (AOBP), WITH NURSE ABSENT, COMPARED TO OTHER CLINIC BP MEASUREMENTS

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6 / 16 COMPARISON OF BLOOD PRESSURE VALUES OF HYPERTENSIVE PATIENTS, MEASUREMENT IN WAITING ROOM AND SPECIALIZED SERVICE CONSULTORY

A.L. Sousa, A. Sousa, D. Teixeira, R. Dourado, P.C. Veiga Jardim, W. Sebba-Barroso

Goiânia, BRAZIL

6 / 17 COMPARISON OF DIFFERENT BLOOD PRESSURE ASSESSMENT METHODS

J. Rodrigues, M. Freixa, A. Ferreira Simões, S. Úria, G. Nunes Da Silva

Lisbon, PORTUGAL

6 / 18 EVIDENCE-BASED PROPOSAL FOR THE NUMBER OF READINGS REQUIRED FOR ASSESSING THE AMBULATORY BLOOD PRESSURE LEVEL IN RESEARCH

W.-Y. Yang¹, L. Thijs¹, Z. Zhang¹, K. Asayama², J. Boggia⁵, T.W. Hansen⁴, T. Ohkubo³, J. Jeppesen⁴, K. Stolarz-Skrzypek⁷, S. Malyutina⁸, E. Casiglia⁹, Y. Nikitin⁸, Y. Li¹⁰, J. Wang¹⁰, Y. Imai², K. Kawecka-Jaszcz⁷, E. O'Brien⁶, J.A. Staessen¹

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⁵ Montevideo, URUGUAY, ⁶ Dublin, IRELAND, ⁷ Krakow, POLAND, ⁸ Novosibirsk, RUSSIA,

⁹ Padua, ITALY, ¹⁰ Shanghai, CHINA

6 / 19 THE BLOOD PRESSURE MEASUREMENTS TAKEN BY BOTH DOCTORS AND NURSES IN THE SAME ENVIRONMENT: DIFFERENCES AND INFORMATION

P. Nazzaro, I. Vitali, G. Laselva, A. Nardecchia, F. Caradonna Moscatelli, M. Contini, G. Schirosi, L. De Benedittis, G. Aceto, A.M. Papagni

Bari, ITALY

6 / 20 ATRIAL FIBRILLATION INFLUENCES AUTOMATIC OSCILLOMETRIC ANKLE-BRACHIAL INDEX MEASUREMENT

M. Sinski, J. Lewandowski, C. Szmigielski, M. Dabrowski

Warsaw, POLAND

6 / 21 PULSE WAVE VELOCITY NON-DIPPING PATTERN IS ASSOCIATED WITH CARDIOVASCULAR MORTALITY IN HYPERTENSIVE PATIENTS UNDERGOING CHRONIC HEMODIALYSIS

L. Gellineo¹, I. Barišić¹, E. Čatić Čuti², E. Ivandić¹, V. Ivković¹, L. Katalinić¹, T. Knežević¹, V. Premužić¹, B. Jelaković¹

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6 / 22 DIPPING PROFILE, NIGHTTIME SYSTOLIC BLOOD PRESSURE AND VASCULAR DAMAGE IN PATIENTS WITH RHEUMATOID ARTHRITIS

P. Anyfanti, E. Gkaliagkousi, A. Lazaridis, A. Triantafyllou, N. Koletsos, P. Dolgyras, G. Triantafyllou, S. Chatzimichailidou, S. Aslanidis, S. Douma

Thessaloniki, GREECE

6 / 23 EVIDENCE-BASED PROPOSAL FOR DISCARDING THE FIRST OFFICE READING FOR ASSESSING CONVENTIONAL OFFICE BLOOD PRESSURE

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6 / 24 ANTIHYPERTENSIVE EFFECT OF NIGELLA SATIVA SEEDS OIL EXTRACT IN HYPERTENSIVE PATIENTS: A DOUBLE BLIND RANDOMIZED CLINICAL TRIAL

Z. Taherzadeh, M. Zamanzadeh, A. Heidari Bakavoli, J. Ramezani, H. Hosseinzadeh, S. Eslami

Mashhad, IRAN

6 / 25 CHANGES IN PARAMETERS OF ARTERIAL STIFFNESS WITH POSTURE IN NORMOTENSIVE PATIENTS AND HYPERTENSIVE PATIENTS WITH AND WITHOUT ANTI-HYPERTENSIVE TREATMENT

A.A. Sule¹, C. Desierto¹, Z.A. Azhar²

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6 / 26 24-HOUR CENTRAL VERSUS PERIPHERAL AMBULATORY BLOOD PRESSURE VARIABILITY AND CAROTID HYPERTROPHY IN ADOLESCENTS AND YOUNG ADULTS

A. Ntineri, A. Kollias, E. Stambolliu, S. Papadatos, A. Vazeou, G.S. Stergiou

Athens, GREECE

6 / 27 DAILY VARIABILITY OF ARTERIAL STIFFNESS INDEX IN RELATION TO TARGET ORGAN DAMAGE AND SEVERITY OF ARTERIAL HYPERTENSION

A. Merezhanova, E. Tarlovskaya, K. Mazalov, M. Mazalova, N. Kamardina, N. Kozlova, L. Makarova, L. Seredneva, A. Suvorov, E. Mokeeva

Nizhny Novgorod, RUSSIA

6 / 28 REFRACTORY HYPERTENSION: DO WE DIAGNOSE IT CORRECTLY?

I. Poveda, M.D. Del Pino y Pino, R. Alarcón, T. Parreño

Almería, SPAIN

6 / 29 EARLY MORNING SURGE BLOOD PRESSURE AND ISOLATED SYSTOLIC HYPERTENSION. A CLINICAL IMPORTANCE IN ELDERLY

M. Snincak, M. Zain El-Abdin, P. Hrabcakova, J. Pella, K. Kolesar

Kosice, SLOVAK REPUBLIC

6 / 30 UNATTENDED VERSUS OFFICE, AMBULATORY AND CENTRAL BLOOD PRESSURE MEASUREMENTS IN HYPERTENSIVE AND DIABETIC PATIENTS

J. Polonia¹, S. Abreu¹, C. Baptista², J. Silva², L. Barbosa²

¹ Porto, ² Matosinhos, PORTUGAL

6 / 31 SYSTOLIC BLOOD PRESSURE PHENOTYPING BASED ON BOTH AORTIC AND BRACHIAL MEASUREMENTS AND ITS RELATIONSHIP WITH INTERMEDIATE HYPERTENSION PHENOTYPES AND ARTERIAL STIFFNESS

N. Koletsos¹, E. Gkaliagkousi¹, A. Triantafyllou¹, A. Lazaridis¹, A.S. Zafeiridis¹, P. Anyfanti¹, K. Dipla², S. Douma¹

¹ Thessaloniki, ² Serres, GREECE

6 / 32 INTER-ARM BLOOD PRESSURE MEASUREMENT: THE CONTROL-ARM ASSIGNMENT VARIABILITY

E. Vinyoles, M. Tafalla, V. Robledo, M. Marco, E. Vázquez, C. Menéndez, M.I. Fernández-San Martín, I. Porta
Barcelona, SPAIN

6 / 33 ASSOCIATION OF NOCTURNAL BLOOD PRESSURE PATTERNS WITH CARDIOVASCULAR RISK IN NEWLY DIAGNOSED, NEVER-TREATED ESSENTIAL HYPERTENSIVE PATIENTS

P. Dolgyras, P. Anyfanti, E. Gkaliagkousi, A. Lazaridis, A. Triantafyllou, B. Nikolaidou, N. Koletsos, I. Zarifis, C. Zamboulis, S. Douma
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6 / 34 OLDER SUBJECTS WOULD MORE LIKELY USE SMARTPHONE APPLICATIONS FOR HYPERTENSION THAN MIDDLE-AGED PATIENTS. DATA FROM THE 2017 WORLD HYPERTENSION DAY IN CROATIA

K. Dapic¹, V. Domislovic¹, B. Milicic¹, I. Drenjancevic², M. Gulin³, E. Grba², V. Herceg Cavrak², A. Jelakovic¹, J. Josipovic¹, V. Kralj¹, N. Leko⁴, N. Lugovic¹, M. Masic¹, D. Pavlovic¹, I. Prkacin¹, J. Radic⁵, M. Ravic¹, I. Vukovic Brinar¹, T. Zeljkovic Vrkic¹, B. Jelakovic¹
¹ Zagreb, ² Osijek, ³ Sibenik, ⁴ Slavonski Brod, ⁵ Split, CROATIA

6 / 35 MASKED HYPERTENSION IN MIDDLE-AGE PATIENTS AND ELDERLY WITH SPECIAL ASPECT TO PATIENTS WITH TYPE 2 DIABETES MELLITUS

M. Snincak, J. Pella, K. Kolesar, P. Hrabcakova
Kosice, SLOVAK REPUBLIC

6 / 36 CORRELATION BETWEEN EMOTIONAL INTELLIGENCE INDICES AND WORKPLACE AMBULATORY BLOOD PRESSURE LEVEL IN PATIENTS WITH HYPERTENSION

G. Andreeva, Y. Koshelyaevskaya, V. Gorbunov, D. Lyusin
Moscow, RUSSIA

6 / 37 CLINICAL EVALUATION OF PLASTIC OPTICAL FIBRE BASED PROBE IN THE DETERMINATION OF CENTRAL SYSTOLIC PRESSURE AND AUGMENTATION INDEX

C.S.J. Leitão¹, V. Ribau¹, V. Afreixo¹, P. Antunes¹, P. André², J. Pinto¹, P. Boutouyrie³, S. Laurent³, J.M. Bastos¹
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Posters' Session PS17

KIDNEY AND RAAS, ENDOCRINE HYPERTENSION

Chairperson: R. Kalaitzidis (Ioannina, GREECE)

ROOM 7 POSTERS FROM 1 TO 26

7 / 1 FEASIBILITY OF DETERMINING DYNAMIC RENAL AUTOREGULATION IN HUMANS USING COMBINED INTRARENAL PRESSURE AND FLOW MEASUREMENTS

D. Collard, P.M. van Brussel, M.A. van Lavieren, G.W.M. Wijntjens, K.P. van Lienden, J.A. Reekers, J.J. Piek, R.J. de Winter, L. Vogt, B.J.H. van den Born
Amsterdam, THE NETHERLANDS

7 / 2 PROINFLAMMATORY ROLE OF ANGIOTENSIN II IN THE AORTA OF NORMOTENSIVE MICE

R.S. Lima, J.C.S. Silva, C.T. Lima, L.E. Souza, M.G. Baladi, M.C. Irigoyen, S. Lacchini
São Paulo, BRAZIL

7 / 3 CONFIRMATORY AND SUBTYPE TESTING IN PATIENTS WITH SUSPECTED PRIMARY ALDOSTERONISM

J. Vaclavik, M. Kristkova, T. Oprsalova, E. Kocianova, M. Kamasova, A. Smekal
Olomouc, CZECH REPUBLIC

7 / 4 GLOMERULAR FILTRATION RATE IN RELATION TO CIRCULATING METABOLIC BIOMARKERS: CROSS-SECTIONAL AND LONGITUDINAL OBSERVATIONS IN A GENERAL POPULATION

Z.-Y. Zhang¹, V.G. Marrachelli³, W. Yang¹, L. Thijs¹, F. Wei¹, Q. Huang¹, D. Monleon³,
P. Verhamme¹, M. Bochud², J. Redón^{3,4}, J.A. Staessen^{1,5}
¹ Leuven, BELGIUM, ² Lausanne, SWITZERLAND, ³ Valencia, ⁴ Madrid, SPAIN,
⁵ Maastricht, THE NETHERLANDS

7 / 5 EFFECT OF ALLOPURINOL ON ENDOTHELIAL FUNCTION, BLOOD PRESSURE, ARTERIAL STIFFNESS AND RENAL DAMAGE IN PATIENTS WITH CHRONIC KIDNEY DISEASE AND ASYMPTOMATIC HYPERURICEMIA

V. Pendon-Ruiz De Mier, N. Vergara, R. Santamaria, P. Buendia, J. Martinez-Moreno,
M. Jimenez-Moral, J. Muñoz-Castañeda, J. Rodriguez, P. Aljama
Cordoba, SPAIN

7 / 6 MICROALBUMINURIA AND CARDIOVASCULAR DISEASE IN HYPERTENSIVE PATIENTS INCLUDED IN THE IBERICAN STUDY

M.A. Prieto Diaz¹, S. Cinza Sanjurjo², J. Llisterri Caro³, V. Pallares Carratala⁴, J. Polo Garcia⁵,
M. Frias Vargas⁶, P. Antelo Pais⁷, S. Yañez Freire⁷, A. Romero Secin⁸, F. Molina Escribano⁹,
S. Miravet Jimenez¹⁰, G. Rodriguez Roca¹¹, G. Pombo Alles¹², F. Morales Escobar¹³,
E. Carrasco Carrasco¹⁴, J. Iturralde Iriso¹⁵, L. Ginel Mendoza¹⁶, P. Baz¹⁷, E. Garcia Criado¹⁸,
J. Minguez Villar¹⁹
¹ Oviedo, ² A Coruña, ³ Valencia, ⁴ Castellon, ⁵ Caceres, ⁶ Madrid, ⁷ Pontevedra, ⁸ Asturias,
⁹ Albacete, ¹⁰ Barcelona, ¹¹ Toledo, ¹² Cantabria, ¹³ Las Palmas, ¹⁴ Murcia, ¹⁵ Álava, ¹⁶ Malaga,
¹⁷ Salamanca, ¹⁸ Cordoba, ¹⁹ Valladolid, SPAIN

7 / 7 RELATIONSHIP BETWEEN SALT INTAKE AND SLEEP DISORDERED BREATHING IN DIALYSIS PATIENTS

Y. Ota¹, M. Yamaguchi¹, Y. Honda¹, M. Yoshimoto¹, M. Kanesaki¹, H. Nosaka¹, H. Tsuruta¹,
H. Nakamura¹, M. Fukuhara¹, Y. Kawano²
¹ Kitakyushu, ² Omuta, JAPAN

7 / 8 POOR ADHERENCE TO BLOOD PRESSURE MEASUREMENT RECOMMENDATIONS IN EUROPEAN DIALYSIS CENTERS

G. Wuerzner¹, P. Rossignol², P. Van der Niepen⁵, M. Pruijm¹, P.A. Sarafidis⁶, C. Ferro⁵,
L. Labriola⁵, N. Dhaun⁷, G. London³, C. Zoccali⁸, M. Burnier¹, J.-M. Halimi⁴, A. Persu⁵
¹ Lausanne, SWITZERLAND, ² Nancy, ³ Manhes, ⁴ Tours, FRANCE, ⁵ Brussels, BELGIUM,
⁶ Thessaloniki, GREECE, ⁷ Edinburgh, UNITED KINGDOM, ⁸ Reggio Calabria, ITALY

7 / 9 HAEMATOLOGICAL PROFILE OF CHRONIC KIDNEY DISEASE IN A MIXED-ANCESTRY SOUTH AFRICAN POPULATION

C. George, T.E. Matsha, R.T. Rajiv, A.P. Kengne
Cape Town, SOUTH AFRICA

7 / 10 SYSTEMIC VASCULITIS - AN IMPORTANT AND UNDERESTIMATED ETIOLOGY OF MALIGNANT HYPERTENSION

Q. Zhu, N. Li
Urumuqi, CHINA

7 / 11 ASYMMETRIC DIMETHYLARGININE AS A MARKER OF ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH ENDOCRINE HYPERTENSION OF ADRENAL ORIGIN

V. Vasilev, J. Matrozova, A. Elenkova, G. Kirilov, S. Zacharieva
Sofia, BULGARIA

7 / 12 SERUM LYSOSOMAL-ASSOCIATED MEMBRANE PROTEIN-2 LEVELS ARE INCREASED IN SMALL AND MEDIUM VESSEL VASCULITIS, ESPECIALLY IN POLYARTERITIS NODOSA

B. Zhu, N. Li
Urumuqi, CHINA

7 / 13 CLINICAL CHARACTERISTICS AND COMORBIDITIES OF VERY ELDERLY PATIENTS WITH HYPERTENSION AND CHRONIC KIDNEY DISEASE

R. Staiculescu, M. Fronea, G. Dediu, D. Olteanu, B. Balaceanu, D. Gurau, A. Balaceanu
Bucharest, ROMANIA

7 / 14 ACUTE KIDNEY INJURY WITH KARYOMEGALIC INTERSTITIAL NEPHRITIS AFTER NIVOLUMAB TREATMENT: TWO CASE REPORTS

M. Ryuzaki, K. Miyashita, H. Tokuyama, K. Uchiyama, H. Nakaya, K. Hasegawa, S. Wakino, H. Itoh
Tokyo, JAPAN

7 / 15 DEEP VENOUS THROMBOSIS AND KIDNEY DISEASE

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¹Zagreb, ²Klenovnik, CROATIA

7 / 16 NEBIVOLOL AND IRBESARTAN REDUCE POST-HEMODIALYSIS AND AMBULATORY BP IN PATIENTS WITH INTRADIALYTIC HYPERTENSION: A RANDOMIZED CROSS-OVER STUDY

A. Bikos¹, C. Loutradis¹, E. Aggeloudi¹, A. Karpetas¹, V. Raptis², E. Ginikopoulou¹, S. Panagoutsos³, P. Pasadakis³, I. Balaskas¹, V. Liakopoulos¹, A. Papagianni¹, P.A. Sarafidis¹
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7 / 17 TRANSIENT SALT LOADING CAUSES PERSISTENT HYPERTENSION THROUGH EPIGENETIC MODIFICATION OF THE RENAL ARTERIOLES

H. Inoue, K. Miyashita, M. Sato, A. Hagiwara, K. Fujii, M. Ryuzaki, S. Endo, A. Uto, H. Itoh
Tokyo, JAPAN

7 / 18 EPIDEMIOLOGY OF HYPERTENSION IN IGA NEPHROPATHY

N. Cherni, S. Barbouch, M. Abidi, H. Kaaroud, H. Hedri, R. Aoudia, R. Goucha, F. Ben Hmida, A. Harzallah, T. Ben Abdallah
Tunis, TUNISIA

7 / 19 IN-HOSPITAL BLOOD PRESSURE VARIABILITY AS A PREDICTOR OF RENAL IMPAIRMENT IN PATIENTS WITH MYOCARDIAL INFARCTION: A 6-MONTH FOLLOW-UP STUDY

M. Mantzouranis, K. Tsioufis, K. Dimitriadis, K. Konstantinou, A. Koumelli, C. Fragoulis, A. Kasiakogias, N. Vogiatzakis, D. Tousoulis
Athens, GREECE

7 / 20 THE EFFECTS OF ANGIOTENSIN CONVERTING ENZYME INHIBITION AND ALPHA 1-ADRENERGIC RECEPTOR BLOCKADE ON HAEMOSTASIS AND INFLAMMATION IN MILD-TO-MODERATE HYPERTENSION

M. Ekholm, A. Jekell, N.H. Wallén, B. Gigante, T. Kahan
Stockholm, SWEDEN

7 / 21 CAN SEGMENTAL ADRENAL VENOUS SAMPLING GIVE A KEY TO SOLUTION ABOUT THE DEBATE OF COSYNTROPIN STIMULATION OR NOT?

F. Satoh, Y. Tezuka, R. Morimoto, K. Omata, Y. Ono, M. Kudo, K. Takase, H. Sasano, S. Ito
Sendai, JAPAN

7 / 22 SOME CONN'S ADENOMA CAN BE MISSED BY THE CORTISOL-NORMALIZED ADRENAL VENOUS SAMPLING

E. Duparc¹, G. Constantinescu¹, F. Thony¹, C. Gomez-Sanchez³, F. Fernandes-Rosa², M. Rodiere¹, J.P. Baguet¹, N. Sturm¹, P. Chaffanjon¹, O. Chabre¹, O. Ormezzano¹
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7 / 23 THE PROGNOSTIC ROLE OF HEART RATE RECOVERY AFTER EXERCISE IN IGA NEPHROPATHY

B. Sági¹, I. Késoi², T. Vas¹, B. Csiky¹, T. Kovács¹, J. Nagy¹
¹ Pécs, ² Komló, HUNGARY

7 / 24 NON-DIPPING PHENOMENON MEASURED BY 24H-AMBULATORY BLOOD PRESSURE MONITORING IS A STRONG PREDICTOR OF LEFT VENTRICULAR HYPERTROPHY IN CHRONIC KIDNEY DISEASE

D. Jaques, H. Muller, C. Martinez, S. De Seigneux, P. Martin, P. Saudan, B. Ponte
Geneva, SWITZERLAND

7 / 25 SERUM MCP-1 LEVELS ARE INCREASED IN PATIENTS WITH SYSTEMIC VASCULITIS WITH RENAL INVOLVEMENT

S. Liu, N. Li, Q. Zhu
Urumqi, CHINA

7 / 26 DETERMINANTS OF RENAL FUNCTIONAL IMPAIRMENT, THE IMPORTANCE OF FASTING PLASMA GLUCOSE CONTROL: THE NORTHERN SHANGHAI STUDY

X. Fan, J. Xiong, C. Chi, J. Teliewubai, S. Yu, Y. Zhou, H. Ji, J. Zhang, M. Zhu, Y. Zhang, Y. Xu
Shanghai, CHINA

Posters' Session PS18

METABOLIC DISORDERS AND SLEEP APNOEA

Chairperson: C. Giannattasio (*Milan, ITALY*)

ROOM **8** POSTERS FROM **1** TO **23**

8 / 1 INFLUENCE OF DIFFERENT CLASSES OF ANTIHYPERTENSIVE DRUGS ON INSULIN RESISTANCE IN PATIENTS WITH MILD AND MODERATE ARTERIAL HYPERTENSION

O. Rekovets, Y. Sirenko, O. Torbas, S. Kushnir, G. Primak, G. Ponomareva
Kiev, UKRAINE

8 / 2 HIGH INCIDENCE METABOLIC SYNDROME AMONG HYPERTENSIVES IN THE ISLAND OF CRETE, GREECE

J.A. Papadakis, V. Theodorakopoulou, G. Vrentzos
Heraklion, GREECE

8 / 3 BIOCHEMICAL MARKERS IN DIFFERENT AGE GROUPS OF PATIENTS WITH METABOLIC SYNDROME

B. Koichubekov, M. Sorokina, L. Turgunova, Y. Laryushina, A. Turmuhambetova, I. Korshukov
Karaganda, KAZAKHSTAN

8 / 4 MYOCARDIAL STIFFNESS IN THE MIDDLE-AGED HYPERTENSIVE PATIENTS IN THE PRESENCE OF OVERWEIGHT OR OBESITY

O. Ostroumova, A. Kochetkov
Moscow, RUSSIA

8 / 5 RELATIONSHIP BETWEEN PERICARDIAL AND ABDOMINAL OBESITY AND ERECTILE FUNCTION IN PATIENTS WITH OBSTRUCTIVE SLEEP APNOEA AND ARTERIAL HYPERTENSION

T. Alekseeva, E. Elfimova, I. Starostin, M. Sharia, S. Gamidov, A. Litvin
Moscow, RUSSIA

8 / 6 SERUM HS-CRP LEVELS AND EFFECTIVENESS OF ANTIHYPERTENSIVE THERAPY IN PATIENTS WITH HYPERTENSION AND ABDOMINAL OBESITY

S. Koval, I. Snegurskaya, O. Mysnychenko, M. Penkova, O. Lytvynova, D. Miloslavsky, V. Bozhko
Kharkiv, UKRAINE

8 / 7 EFFECTS ON HOME BLOOD PRESSURE AND HEART RATE OF SEQUENTIALLY ADDING DULAGLUTIDE TO THERAPY IN PEOPLE WITH TYPE 2 DIABETES MELLITUS WHO HAD PREVIOUSLY BEEN RECEIVING EMPAGLIFLOZIN

T. Misawa, F. Oda, M. Ogata, H. Sato, F. Sata, Y. Takahashi
Yamagata, JAPAN

8 / 8 ADMINISTRATION-TIME-DEPENDENT EFFECTS OF CANAGLIFLOZIN IN TYPE 2 DIABETIC PATIENTS AND ARTERIAL HYPERTENSION

A. Hermida Ameijeiras, S. Fernandez-Crespo, J.E. Lopez Paz, I. Rodriguez, C. Calvo Gomez
Santiago de Compostela, SPAIN

8 / 9 HEART RATE IS ASSOCIATED WITH RENAL PARAMETERS IN PATIENTS WITH TYPE 1 DIABETES AND NORMAL RENAL FUNCTION

T. Bulum, I. Prkacin, V. Roso, L. Duvnjak
Zagreb, CROATIA

8 / 10 IMPACT OF METABOLIC SYNDROME ON LONG TERM PROGNOSIS IN PATIENTS WITH MYOCARDIAL INFARCTION WITH ST SEGMENT

M. Lovic¹, D. Djordjevic¹, I. Nedeljkovic², I. Tasic¹, M. Ostojic²
¹ Niš, ² Belgrade, SERBIA

8 / 11 CHARACTERISTIC OF PATIENT WITH ARTERIAL HYPERTENSION, SUFFERING FROM OBESITY (ACCORDING TO THE RUSSIAN FEDERAL REGISTER OF ARTERIAL HYPERTENSION)

E.V. Oshchepkova, N.V. Lazareva, I. Chazova
Moscow, RUSSIA

8 / 12 AORTIC-BRACHIAL STIFFNESS MISMATCH IN PATIENTS WITH ARTERIAL HYPERTENSION AND TYPE 2 DIABETES MELLITUS

E. Troitskaya, E. Starostina, Z. Kobalava
Moscow, RUSSIA

8 / 13 HEMODYNAMIC FACTORS ASSOCIATED WITH INADEQUATE CONTROL OF NOCTURNAL HYPERTENSION DURING DIFFERENT COMBINED ANTIHYPERTENSIVE THERAPY IN HYPERTENSIVE DIABETIC PATIENTS

O. Koshelskaya, O. Zhuravleva
Tomsk, RUSSIA

8 / 14 COMMUNITY SCREENING FOR DIABETES RISK REVEALS A HIGH PREVALENCE OF HIGHER THAN OPTIMAL BLOOD PRESSURE LEVELS

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8 / 15 THE PARACLINICAL EVOLUTION OF THE PATIENTS WITH ESSENTIAL SYSTEMIC HYPERTENSION AND DIABETES MELLITUS TYPE 2

C.C. Tudorica, A.-M. Vintila, S. Tudorica, M. Horumba, A. Florentiu
Bucharest, ROMANIA

8 / 16 CHANGE IN CARDIOVASCULAR AND METABOLIC PARAMETERS OF DIABETIC PATIENT, AFTER CHANGING FROM DIPEPTIDYL PEPTIDASE-4 INHIBITOR TO SODIUM GLUCOSE COTRANSPORTER 2INHIBITOR

H. Tamura, M. Obara, K. Abe, A. Takayoshi, A. Oikawa, H. Takahashi, C. Hibino, K. Sugawara, R. Takahashi, M. Sugawara
Kitakami City, JAPAN

8 / 17 METABOLIC SYNDROME STATUS OVER 2 YEARS PREDICTS INCIDENT CHRONIC KIDNEY DISEASE: A 10-YEAR PROSPECTIVE COHORT STUDY

J.Y. Kim, J. Huh, J. Yoon, B. Yoo
Wonju, SOUTH KOREA

8 / 18 INTERMITTENT FASTING WITH 72 HOURS FASTING AND 96 HOURS REFEEDING PROMOTES FAT OXIDATION AND WEIGHT SUPPRESSION

S. Endo, K. Miyashita, A. Uto, M. Ryuzaki, H. Inoue, K. Fujii, I. Hiroshi
Toyko, JAPAN

8 / 19 BEHAVIORAL RISK FACTORS AND METABOLIC HEALTHY OBESITY IN POPULATION-BASED SAINT PETERSBURG SAMPLE

M. Boyarinova, A. Orlov, O. Rotar, A. Alieva, E. Moguchaya, N. Paskari, V. Solntsev, E. Baranova, A. Konradi
Saint Petersburg, RUSSIA

8 / 20 PRESENCE OF CARDIOVASCULAR DISEASE IN OBESE PATIENTS IN THE IBERICAN STUDY

D. Rey Aldana¹, S. Yañez Freire¹, A. Alonso Verdugo², A. Barquilla García³, F. Valls Roca⁴, J. Benítez Rivero⁵, J. Polo García³, F.J. Alonso Moreno⁶, M.Á. Prieto Díaz⁷, S. Cinza Sanjurjo¹
¹ A Coruña, ² Cuenca, ³ Cáceres, ⁴ Valencia, ⁵ Cádiz, ⁶ Toledo, ⁷ Asturias, SPAIN

8 / 21 HYPERTENSION-RELATED PROTEIN DEACETYLASE SIRT3 AFFECTS GLUCOSE METABOLISM THROUGH REGULATION OF GLUCAGON-LIKE PEPTIDE 1 IN MICE

A. Uto, K. Miyashita, S. Sato, S. Endo, C. Fujii, M. Mitsuishi, H. Itoh
Tokyo, JAPAN

8 / 22 BENEFICIAL EFFECTS OF AZILSARTAN MEDOXOMIL ON TARGET ORGANS IN PATIENTS WITH HYPERTENSION AND METABOLIC SYNDROME

E. Zheleznova, Y. Zhernakova, I. Chazova, N. Blinova, A. Rogosa
Moscow, RUSSIA

8 / 23 ASSESSMENT OF CARDIOVASCULAR RISK IN DIABETIC PATIENTS WITH CHRONIC KIDNEY DISEASE

V. Vasilkova¹, T. Mokhort², E. Naumenko¹, N. Filiptsova¹
¹ Gomel, ² Minsk, BELARUS

Posters' Session PS19

LARGE ARTERIES AND MICROCIRCULATION

Chairperson: J. Mesquita Bastos (Aveiro, PORTUGAL) ROOM 9 POSTERS FROM 1 TO 28

9 / 1 BIOMECHANICAL PROPERTIES OF SMALL CORONARY ARTERIOLES IN VITAMIN D DEFICIENCY AND PCOS: INTRODUCTION OF A NEW FEMALE RAT MODEL

L. Hadjadj, E.M. Horvath, R. Sziva, A. Monori-Kiss, E. Pal, A. Novak, G. Nadasy, S. Varbiro
Budapest, HUNGARY

9 / 2 TARGETING ENDOPLASMIC RETICULUM STRESS AS A THERAPY TO MANAGE ABDOMINAL AORTIC ANEURYSM DISEASE

M. Navas-Madroñal¹, L. Vila^{1,2}, J. Fité¹, J. Martínez-González^{1,2}, C. Rodríguez^{1,2}, M. Camacho^{1,2}, M. Galán^{1,2}
¹ Barcelona, ² Madrid, SPAIN

9 / 3 ACUTE EFFECTS OF SURGICAL AORTIC VALVE REPLACEMENT ON AORTIC HEMODYNAMICS AND WAVE REFLECTIONS

E. Sigala, C. Vlachopoulos, C. Triantafylloy, N. Koumallos, V. Lozos, A. Katsaros, I. Kouerinis, N. Giakis, M. Demosthenous, D. Terentes-Printzios, K. Fillis, D. Tousoulis
Athens, GREECE

9 / 4 TRIGLYCERIDES-GLUCOSE INDEX: A NEW PREDICTOR OF INCREASED ARTERIAL STIFFNESS. RESULTS FROM SEPHAR III – BRISIGHELLA HEART STUDY POOLING PROJECT

O.-F. Tautu¹, M. Dorobantu¹, C. Borghi²

¹ Bucharest, ROMANIA, ² Bologna, ITALY

9 / 5 THERAPEUTIC EFFECT OF SLEEP APNOEA ON ATHEROSCLEROSIS DEPENDED ON OCULAR MICROCIRCULATION SHOWN BY LASER SPECKLE FLOWGRAPHY

M. Takahashi¹, T. Shiba², K. Shimizu¹, M. Noro¹

¹ Sakura, ² Tokyo, JAPAN

9 / 6 IS THERE A SEX-RELATED DIFFERENCE IN ENDOTHELIUM-DEPENDENT MICROVASCULAR RESPONSE TO ACUTE SALT LOADING IN YOUNG HEALTHY INDIVIDUALS?

M. Stupin, A. Stupin, L. Rasic, A. Matic, L. Kolar, Z. Mihaljevic, I. Drenjancevic
Osijek, CROATIA

9 / 7 FEMALE SEXUAL DYSFUNCTION WITH DIURETICS IN WOMEN WITH ARTERIAL HYPERTENSION

K. Stavropoulos, K. Imprialos, K. Petidis, G. Kerpiniotis, C. Mitas, N. Katsiki, D. Patoulas, A. Sachinidis, K. Dimitriadis, K. Tsioufis, H. Grassos, A. Pittaras, A.J. Manolis, D. Lovic, V. Athyros, A. Karagiannis, M. Doulas
Thessaloniki, GREECE

9 / 8 THE IMPACT OF DIURETICS ON ERECTILE FUNCTION IN PATIENTS WITH ARTERIAL HYPERTENSION

K. Imprialos, K. Stavropoulos, K. Petidis, A. Manafis, S. Bouloukou, G. Lales, N. Katsiki, D. Patoulas, A. Sachinidis, K. Dimitriadis, K. Tsioufis, H. Grassos, A. Pittaras, A.J. Manolis, D. Lovic, V. Athyros, A. Karagiannis, M. Doulas
Thessaloniki, GREECE

9 / 9 THE FIXED COMBINATION OF PERINDOPRIL/AMLODIPIN IN A THERAPY OF ARTERIAL HYPERTENSION AND ARTERIAL STIFFNESS: TWO WEEK STUDY RESULTS

S. Sokolovic

Sarajevo, BOSNIA AND HERZEGOVINA

9 / 10 THE ARTERIAL STIFFNESS IS INFLUENCED BY THE HEMOSTATIC SYSTEM IN NON-DIABETIC HYPERTENSIVE PATIENTS

C. Catena, G. Colussi, G. Brosolo, N. Bertin, A. Frangipane, F. Nait, L.A. Sechi
Udine, ITALY

9 / 11 PULSE WAVE VELOCITY AND BIOMARKERS RELATIONSHIP IN PATIENTS WITH CARDIOVASCULAR RISK FACTORS

W. Sebba Barroso, R. Ramos Fagundes, P. Valverde Vitorino, E. Lellis, P.C. Veiga Jardim, A.L. Lima Sousa, T. Veiga Jardim
Goiania, BRAZIL

9 / 12 TROPONIN INCREASE AND SUBENDOCARDIAL OXYGEN SUPPLY AND DEMAND IMBALANCE IN CARDIAC AMYLOIDOSIS

L. Salvi¹, A. Grillo², P. Salvi², G. Parati², S. Perlini¹
¹Pavia, ²Milan, ITALY

9 / 13 SUPPLEMENTATION OF VITAMIN D IN HYPERTENSIVE PATIENTS WITH CKD STAGE 3 AND VITAMIN D-DEFICIENCY DOES NOT IMPROVE ARTERIAL STIFFNESS

E. Rodilla Sala¹, D. Gil Alós², E. Ruiz Pérez², P. Serrano Torres², J. Costa Muñoz¹, J. Pascual Izuel¹
¹Sagunto, ²Valencia, SPAIN

9 / 14 POOR CONCORDANCE BETWEEN NON-INVASIVE AND LOCALLY INVASIVE TECHNIQUES OF EVALUATION OF MICROVASCULAR MORPHOLOGY IN THE DETECTION OF HYPERTROPHIC REMODELING OF SMALL RESISTANCE ARTERIES

C. De Ciuceis, S. Caletti, M.A. Coscignano, C. Rossini, S. Duse, F. Docchio, S. Pasinetti, F. Semeraro, V. Trapletti, M. Nardin, C. Agabiti Rosei, D. Rizzoni
Brescia, ITALY

9 / 15 MARKERS OF ARTERIAL STIFFNESS AND ATHEROSCLEROSIS IN HIV-INFECTED INDIVIDUALS

S. Nanoudis, M. Pikilidou, M. Yavropoulou, C. Gogou, M. Papagianni, A. Gogou, G. Loli, T. Chrysanthidis, P. Collaras, O. Tsachouridou, D. Chatzidimitriou, L. Skoura, S. Metallidis, P. Zebekakis
Thessaloniki, GREECE

9 / 16 FACTORS AFFECTING CAROTID-FEMORAL PULSE WAVE VELOCITY IN HIV-INFECTED INDIVIDUALS

S. Nanoudis, M. Pikilidou, M. Yavropoulou, C. Gogou, M. Papagianni, A. Georgiou, G. Loli, T. Chrysanthidis, P. Collaras, O. Tsachouridou, D. Chatzidimitriou, L. Skoura, S. Metallidis, P. Zebekakis
Thessaloniki, GREECE

9 / 17 FMD CASE SERIES FROM AN EASTERN EUROPEAN UNIVERSITY ANGIOGRAPHIC CENTER

T. Yaneva-Sirakova, R. Kaneva, L. Vladimirova, D. Vassilev
Sofia, BULGARIA

9 / 18 STUDY ON THE PREVALENCE AND DETERMINANTS OF EARLY VASCULAR AGEING IN A COMMUNITY SETTING. PRELIMINARY RESULTS FROM THE ASINPHAR@2ACTION PROJECT

T. Pereira¹, E. Paulino², M. Rosa², A. Pinto², M. Teixeira², P. Soares², S. Maximiano², J. Risse³, S. Gose², J. Maldonado¹
¹Coimbra, ²Lisbon, PORTUGAL, ³Stolberg, GERMANY

9 / 19 RAISING AWARENESS TO ARTERIAL STIFFNESS AND EARLY VASCULAR AGEING THROUGH A COMMUNITY PHARMACY-BASED INTERVENTION - PROTOCOL OF THE ASINPHAR@2ACTION PROJECT

T. Pereira¹, E. Paulino², M. Rosa², A. Pinto², M. Teixeira², P. Soares², S. Maximiano², J. Risse³, S. Gose², J. Maldonado¹

¹ Coimbra, ² Lisbon, PORTUGAL, ³ Stolberg, GERMANY

9 / 20 NON-INVASIVE MEASUREMENT OF AORTIC PULSE WAVE VELOCITY: A COMPARATIVE EVALUATION OF EIGHT DEVICES

A. Grillo¹, F. Moretti², M. Rovina³, C. Baldi³, L. Salvi², L. Gao⁴, F. Scalise⁵, G. Sorropago⁵, A. Faini¹, S. Millasseau⁶, P. Salvi¹, R. Carretta³, G. Parati¹

¹ Milan, ² Pavia, ³ Trieste, ITALY, ⁴ Beijing, CHINA, ⁵ Monza, ITALY, ⁶ Saint-Leu-La-Forêt, FRANCE

9 / 21 COMPARISON BETWEEN AORTIC PULSE WAVE VELOCITY MEASURED INVASIVELY AND NON-INVASIVELY BY EIGHT DIFFERENT DEVICES

F. Moretti¹, A. Grillo², F. Scalise³, M. Rovina⁴, L. Salvi¹, L. Gao⁵, C. Baldi⁴, A. Faini², S. Millasseau⁶, G. Sorropago³, P. Salvi², R. Carretta⁴, G. Parati²

¹ Pavia, ² Milan, ³ Monza, ⁴ Trieste, ITALY, ⁵ Beijing, CHINA, ⁶ Saint-Leu-La-Forêt, FRANCE

9 / 22 SKIN FLUORESCENCE RESPONSE TO FOREARM ISCHEMIA AND REPERFUSION IS RELATED TO BODY MASS INDEX IN HEALTHY PEOPLE

J. Nizinski¹, P. Filberek¹, G. Sibrecht¹, T. Krauze¹, K. Kusy¹, J. Piskorski², A. Wykretowicz¹, P. Guzik¹

¹ Poznan, ² Zielona Gora, POLAND

9 / 23 ASSOCIATION BETWEEN INCREASED ELASTIN TURNOVER AND LEFT VENTRICULAR HYPERTROPHY IN HYPERTONIC PATIENTS WITH TYPE 2 DIABETES MELLITUS

A. Nikolov, M. Tsekova, A. Blazhev
Pleven, BULGARIA

9 / 24 COARCTATION OF AORTA IN A 21-YEAR-OLD FEMALE: A CASE REPORT

C. Ngongang Ouankou, E. Many Thiam, W.L. Tsambang, J. Wandji Ngamga, L.O. Chendjou Kapi, C. Tsamo, I.L. Nchoua Soule, A. Etoundi, M. Tang, M.D. Ouankou Yaoundé, CAMEROON

9 / 25 ATTENUATION OF PULSE PRESSURE AMPLIFICATION IN ELEMENTARY SCHOOL-AGED PATIENTS WITH COMPLETE TRANSPOSITION OF GREAT ARTERIES AFTER ARTERIAL SWITCH OPERATION

T. Murakami¹, M. Shiraishi¹, A. Takeda², T. Murakami¹

¹ Chiba, ² Sapporo, JAPAN

9 / 26 AORTIC STIFFNESS IS INCREASED IN NORMOTENSIVE PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS

G. Mulè, M. Morreale, A.L. Savoia, C. Pugliares, A. Ferrante, C. Cusimano, A. Castiglia, S. Cottone
Palermo, ITALY

9 / 27 VASCULAR NO AND SUPEROXIDE PRODUCTION IS INFLUENCED BY HIGH DIETARY SALT INTAKE IN TFF3-/- MICE

Z. Mihaljevic¹, A. Matic¹, L. Rasic¹, A. Stupin¹, I. Jukic¹, M. Baus-Loncar², I. Drenjancevic¹
¹ Osijek, ² Zagreb, CROATIA

9 / 28 MODEST EFFECT OF HIGH SALT DIET ON INFLAMMATORY BIOMARKERS IN SPRAGUE-DAWLEY RATS

I. Drenjancevic, A. Matic, Z. Mihaljevic, N. Bilic-Dujmusic, A. Stupin
 Osijek, CROATIA

Posters' Session PS20

ATHEROSCLEROSIS AND MOLECULAR FOUNDAMENTS

Chairperson: L. Alcocer (Mexico City, MEXICO)

ROOM **10** POSTERS FROM **1** TO **25**

10 / 1 INTERACTIONS OF CDH13 GENE POLYMORPHISMS AND AMBIENT PM10 AIR POLLUTION EXPOSURE WITH BLOOD PRESSURE AND HYPERTENSION IN KOREAN MEN

J. Park
 Seoul, SOUTH KOREA

10 / 2 GENETIC POLYMORPHISM OF SURFACTANT PROTEIN D MAY BE ASSOCIATED WITH OBSTRUCTIVE SLEEP APNOEA

N. Li, X. Li, X. Yao, M. Li, M. Heizhati, Y. Wang, L. Shao
 Urumqi, CHINA

10 / 3 USING THE NEW DEFINITION OF HYPERTENSION FROM THE 2017 U.S. GUIDELINE FOR HIGH BLOOD PRESSURE (BP) IN ADULTS: CHANGES IN CONTROL OF HYPERTENSION IN A SAMPLE OF OUT PATIENT CLINICS

B. Egan¹, G. Wozniak², J. Yang², R. Davis¹, S. Sutherland¹, M. Rakotz²
¹ Greenville, SC, ² Chicago, IL, USA

10 / 4 ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH ASYMPTOMATIC ATHEROSCLEROSIS AND RHEUMATOLOGIC DISEASES

E. Kolesova, O. Rotar, A. Maslyanskiy, A. Konradi
 Saint Petersburg, RUSSIA

10 / 5 SERUM ZINC VALUES AND ANKLE BRACHIAL INDEX IN HEMODIALYSIS PATIENTS

M. Knehtl, N. Piko, E. Jakopin, S. Bevc, R. Ekart, R. Hojs
 Maribor, SLOVENIA

10 / 6 EVALUATION OF APOPTOSIS IN LYMPHOCYTES FROM PATIENTS WITH ACUTE CORONARY SYNDROMES

C.R. Revnic, F. Revnic, C. Ginghina, S. Voinea
 Bucharest, ROMANIA

10 / 7 ASSOCIATION OF TASK-3 GENETIC POLYMORPHISMS WITH OBSTRUCTIVE SLEEP APNOEA

N. Li, L. Wen, X. Yao, M. Heizhati, Y. Wang, J. Hong
Urumqi, CHINA

10 / 8 ASSOCIATION OF ADIPONECTIN GENE SINGLE NUCLEOTIDE POLYMORPHISM RS266729(-11377C/G) WITH BLOOD PRESSURE RESPONSES TO DIETARY SODIUM AND POTASSIUM INTERVENTION

J. Mu, G. Wu, F. Liu
Xian, CHINA

10 / 9 THE IMPLICATIONS FOR DIFFERING NATIONAL BLOOD PRESSURE GUIDELINES

S. Eason¹, M. Sayers^{1,2}
¹ Bedford, MA, ² Dallas, TX, USA

10 / 10 RELATIONSHIP OF ENDOTHELIAL FUNCTION AND CIRCADIAN INDEX OF BLOOD PRESSURE IN PATIENTS WITH ARTERIAL HYPERTENSION AND CORONARY ARTERY DISEASE

N. Musikhina, T. Petelina, O. Roshal, L. Gapon, L. Zyryanova
Tyumen, RUSSIA

10 / 11 THE EFFECT OF PCSK9 INHIBITION ON BIOMARKERS OF ATHEROSCLEROTIC PLAQUE DESTABILIZATION RELEASE IN HYPERTENSIVE PATIENT WITH DYSLIPIDEMIA

B. Okopien, M. Basiak, L. Buldak, M. Konopka, M. Dziubinska-Basiak, G. Machnik
Katowice, POLAND

10 / 12 FOCI OF CHRONIC INFECTIONS, CENTRAL PRESSURE AND ITS AUGMENTATION INDEX IN YOUNG ADULTS

M. Evseyeva, M. Eremin, E. Italiansteva, V. Koshel, V. Kudrjavsteva
Stavropol, RUSSIA

10 / 13 THE RELATIONSHIP BETWEEN OBSTRUCTIVE SLEEP APNOEA AND TASK-1 GENETIC VARIANTS

N. Li, T. Shi, X. Yao, Y. Wang, M. Heizhati, J. Hong
Urumqi, CHINA

10 / 14 THE CONNECTION BETWEEN POLYMORPHISM OF CYP7A1 GENE AND ENDOTHELIN-1 FOR PATIENTS WITH ARTERIAL HYPERTENSION AND TYPE 2 DIABETES MELLITUS

O. Chernatska, N. Demikhova
Sumy, UKRAINE

10 / 15 GENETIC POLYMORPHISMS OF SURFACTANT PROTEIN-B AND RISK OF OBSTRUCTIVE SLEEP APNOEA

N. Li, Y. He, X. Yao, M. Heizhati, Y. Wang, L. Shao, J. Hong
Urumqi, CHINA

10 / 16 CARDIOVASCULAR RISK STRATIFICATION IN YOUNG POPULATION: APPLICATION OF THIOL REDOX PROTEOMICS

N. Corbacho Alonso ¹, M. Baldan Martin ¹, J.A. Lopez ², L. Mouriño Alvarez ¹, T. Sastre Oliva ¹, T. Martin Rojas ¹, R. Rincon ¹, F. Vivanco ², L.R. Padial ¹, G. Alvarez Llamas ², G. Ruiz Hurtado ², L.M. Ruilope ², M.G. Barderas ¹

¹ Toledo, ² Madrid, SPAIN

10 / 17 COMPARISON OF ENDOTHELIAL FUNCTION BY MEANS OF FLOW MEDIATED DILATION USING CAROTID-RADIAL PULSE WAVE VELOCITY IN HYPERTENSIVE SUBJECTS WITH AND WITHOUT TYPE II DIABETES

E. Rusak, C.A. Bellido

Buenos Aires, ARGENTINA

10 / 18 THE IMPACT OF MASKED AND WHITE COAT HYPERTENSION ON APELIN AND RELAXIN PLASMA LEVELS

D. Papadopoulos, E. Sanidas, K. Zerva, M. Velliou, C. Tsakalis, E. Korrou, M. Matzourani, J. Barbetseas

Athens, GREECE

10 / 19 RISK OF ATHEROSCLEROTIC PLAQUE RUPTURE IMAGING AND BIOCHEMICAL METHODS CHARACTERIZATION. PILOT STUDY

M. Basiak ¹, M. Konopka ¹, L. Buldak ¹, A. Tomasiak ¹, M. Dziubinska-Basiak ¹, D. Kawecki ², E. Nowalany-Kozielska ², B. Okopien ¹

¹ Katowice, ² Zabrze, POLAND

10 / 20 POSTMENOPAUSAL FEMALE PATIENTS WITH ARTERIAL HYPERTENSION: INFLAMMATORY MARKERS IN THE PATHOGENESIS OF SUBCLINICAL ATHEROSCLEROSIS AND OSTEOPOROSIS

T. Petelina, N. Musikhina, L. Gapon, K. Avdeeva, S. Bycova, L. Dobrynina

Tyumen, RUSSIA

10 / 21 SERUM PENTRAXIN-3 LEVELS ARE INCREASED IN VASCULITIS

T. Wu, B. Zhu, Q. Zhu, T. Dilnigar, S. Liu, S. Liu, N. Li

Urumqi, CHINA

10 / 22 POPULATION STUDY OF THE FREQUENCIES OF CYP17A1-NT5C3 RS11191548 AND PLEKHA7 RS381815 IN BULGARIANS (EASTERN EUROPEAN POPULATION)

R. Tzveova, T. Yaneva-Sirakova, R. Kaneva, S. Vandeva-Kalvacheva, S. Zaharieva, L. Vladimirova, M. Shumkova, V. Mitev, D. Vassilev

Sofia, BULGARIA

10 / 23 CHRONIC KIDNEY DISEASE STAGE 2 SHOULD BE CONSIDERED HIGH RISK INDIVIDUALS FOR PRIMARY PREVENTION

A.B. Radzi, S.S. Kasim

Sungai Buloh, MALAYSIA

10 / 24 PERIOPERATIVE HYPERTENSION: WHAT IS ADEQUATE SCREENING?

N. Pandit, V. Chadachan

Singapore, SINGAPORE

10 / 25 PHENYL BUTYRATE ACID INHIBIT TNF-ALPHA-INDUCED GRP2 EXPRESSION IN ENDOTHELIAL CELLS

O. Illiandri

Banjarmasin, INDONESIA

Late-Breaker Posters

SESSION 2

Chairperson: T. De Backer (*Ghent, BELGIUM*)

ROOM **11** POSTERS FROM **1** TO **32**

11 / 1 NOCTURNAL HOME VERSUS AMBULATORY BLOOD PRESSURE MONITORING IN CHILDREN AND ADOLESCENTS: A PILOT STUDY OF FEASIBILITY, PREFERENCE AND ASSOCIATION WITH TARGET-ORGAN DAMAGE

E. Stambolliu, A. Kollias, G. Servos, A. Vazeou, G.S. Stergiou

Athens, GREECE

11 / 2 BLOOD PRESSURE OSCILOMETRIC VALUES IN SPANISH ADOLESCENTS: TABLES OF THE MEPAFAC STUDY

A. Molinero, M. Cervero, A. Martin, M.C. Magro, A. Mateos, T. Partearroyo, P. Zuluaga

Madrid, SPAIN

11 / 3 THE OUTCOMES OF CODE STEMI IMPLEMENTATION IN INDONESIAN REFERRAL CENTER HOSPITALS

M.L. Zufar, M.R. Azrizal, M. Akbar

Jakarta, INDONESIA

11 / 4 VENTRICULAR-ARTERIAL UNCOUPLING AND HIGHER ARTERIAL STIFFNESS PREDICTS ADVERSE CARDIAC REMODELING IN PATIENTS AFTER MYOCARDIAL INFARCTION TREATED WITH PERCUTANEOUS CORONARY INTERVENTION

E. Zharikova, S. Villevaude, Z. Kobalava

Moscow, RUSSIA

11 / 5 SERUM BILIRUBIN LEVEL AT ADMISSION PREDICTS IN-HOSPITAL OUTCOME IN PATIENTS WITH ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION

M. Sladojevic, S. Sladojevic, S. Bjelica, L.-S. Oalde, T. Popov, I. Srdanovic, M. Stefanovic, A. Illic

Novi Sad, SERBIA

11 / 6 CHRONIC HEART FAILURE PATIENTS WITH TYPE 2 DIABETES MELLITUS DETERIORATES 24 HOURS ABPM, VASCULAR RISK PROFILE AND VENTRICULAR FUNCTION

A.M. Gonzalez Gonzalez, P. Guardia Martinez, A.M. Garcia Bellon, D. Gaitan Roman,

M. De Mora Martin

Malaga, SPAIN

11 / 7 PREVALENCE AND CLINICAL FEATURES OF INCREASED URINARY STEROID RATIO OF CORTISOL TO CORTISONE METABOLITES (THF+ATHF)/THE IN PATIENTS WITH ESSENTIAL HYPERTENSION AND PRIMARY HYPERALDOSTERONISM

G. Sartori, F. Pizzolo, F. Zorzi, C. Zaltron, A. Castagna, V. Munerotto, L. Bertolone, G. Salvagno, O. Olivieri

Verona, ITALY

11 / 8 RAPID FORMATION OF AN AORTIC ANEURYSM IN A YOUNG PATIENT WITH CONN SYNDROME

A. Stefanopoulos, X. Serafeim, N. Charalampous, G. Mavras, F. Rozi

Argos, GREECE

11 / 9 METABOLIC FLUX IN ATHEROSCLEROSIS REGRESSION

A. Chaplin, R.S. Gangwar, H. Gao, A. Maiseyeu

Cleveland, OH, USA

11 / 10 PREVALENCE OF BP ELEVATION IN A SCHOOL-BASED POPULATION SCREENING: THE KASTORIA STUDY

T. Nika, S. Stabouli, K. Kollios, K. Papadopoulou-Legbelou, C. Antza, F. Papachristou, V. Kotsis

Thessaloniki, GREECE

11 / 11 REFERENCE HYPERTENSION CLINIC FOR PATIENTS SENT BY PRIMARY CARE PHYSICIANS: IMPACT IN BLOOD PRESSURE CONTROL, CARDIOVASCULAR AND METABOLIC RISK

P. Salvador, I. Rato, T. Gregório, D. Pinheiro, M. Sequeira, A.C. Carneiro, M. Barbedo, N. Pereira, V. Paixão Dias

Vila Nova de Gaia, PORTUGAL

11 / 12 MASKED UNCONTROLLED HYPERTENSION (MUCH) IN PRIMARY CARE: VALENTINE-GREECE HOME BLOOD PRESSURE MONITORING EPIDEMIOLOGICAL STUDY

A. Kollias¹, S. Papadatos¹, A.F. Dominiczak², G. Parati³, G.S. Stergiou¹

¹ Athens, GREECE, ² Glasgow, UNITED KINGDOM, ³ Milan, ITALY

11 / 13 ALONE HYPERTENSION OR TOGETHER WITH HYPERTENSION?

H.H. Dogru

Samsun, TURKEY

11 / 14 THE MODULATION OF MYOCARDIAL (DYS)FUNCTION AND REMODELING IN ISOPROTERENOL-TREATED RATS BY TESTOSTERONE

D. Kovacova, R. Rajkovicova, G. Gubo, K. Arendasova, A. Barta, K. Repova, F. Simko, P. Celec, L. Paulis

Bratislava, SLOVAK REPUBLIC

11 / 15 COMPARISON OF HOSPITALIZED AND AMBULATORY HYPERTENSIVE PATIENTS' PHARMACOTHERAPY IN THE PERSPECTIVE OF POLYPRAGMASY

S. Pal, E. Nemes-Nagy, T.-R. Szocs, E. Ugron, Z. Preg, M. German-Sallo, E.-G. Ban

Targu Mures, ROMANIA

11 / 16 ALTERATIONS IN METABOLIC PROFILE AND LIVER HISTOLOGY OF LEAN RATS UNDER HIGH FRUCTOSE DIET

M. Martín Grau, M.M. Pardo-Tendero, J.M. Morales, I. Perez, A. Pellín-Carcelen, D. Monleón, V.G. Marrachelli
Valencia, SPAIN

11 / 17 INFLAMMATION RESOLUTION MEDIATORS IN ACUTE HEART FAILURE

M. Reina-Couto, J.P. Bessa, P. Serrão, J. Afonso, R. Roncon-Albuquerque, J.A. Paiva, A. Albino-Teixeira, T. Sousa
Porto, PORTUGAL

11 / 18 EXERCISE IMPEDANCE CARDIOGRAPHY REVEALS IMPAIRED HEMODYNAMIC RESPONSE TO EXERCISE IN HYPERTENSIVES WITH DYSPNEA

M. Kurpaska, P. Krzesinski, G. Gielerak, B. Uzieblo-Zyczkowska, M. Banak, A. Stanczyk, K. Piotrowicz
Warsaw, POLAND

11 / 19 MORPHO-FUNCTIONAL PARAMETERS OF MYOCARDIUM IN PATIENTS WITH COMBINED CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ARTERIAL HYPERTENSION

R. Yatsyshyn, P. Gerych, B. Daskaliuk
Ivano-Frankivsk, UKRAINE

11 / 20 CREATION OF AN INSTITUTIONAL COHORT OF PATIENTS WITH HEART FAILURE WITH PRESERVED EJECTION FRACTION (HFPEF) AND METABOLIC SYNDROME IN MEXICO

L. Arizmendi
Mexico City, MEXICO

11 / 21 HAEMODYNAMIC PROFILE, BUT NOT TOTAL BODY WATER CORRELATES WITH AGE IN HYPERTENSIVE SINGAPOREANS: IMPLICATIONS ON TREATMENT CHOICES

A. Mondry
Singapore, SINGAPORE

11 / 22 24-HOUR NIGHT-DAY BLOOD PRESSURE AND WAVE REFLECTIONS PATTERNS IN HEART TRANSPLANT AND HYPERTENSIVE INDIVIDUALS

A. Maloberti¹, G. Masciocco¹, M. Varrenti¹, P. Meani¹, A. Protogerou², A. Argyris², T. Weber³, P. Pecnik³, J. Sharman⁵, S. Wassertheurer⁴, B. Hametner⁴, M. Frigerio¹, C. Giannattasio¹
¹ Milan, ITALY, ² Athens, GREECE, ³ Wels, ⁴ Vienna, AUSTRIA, ⁵ Tasmania, AUSTRALIA

11 / 23 BLOOD PREASSURE AND HEART RATE VARIABILITY IN HYPERTENSIVE IN-TREATED PATIENTS

S. Zhemanyuk, V. Syvolap
Zaporizhzhia, UKRAINE

11 / 24 A STUDY ABOUT ARTERIAL HYPERTENSION IN PATIENTS WITH AORTIC STENOSIS

O. Naidin, C. Homentcovschi, V. Ionescu, M. Topala, R. Mihalcea, C. Nicolita, M. Iancu, A. Coman, R. Siliste, R. Ciomag
Bucharest, ROMANIA

11 / 25 CORRELATION OF HEMODYNAMIC AND ARTERIAL STIFFNESS PARAMETERS WITH METABOLIC AND ANTHROPOMETRIC VARIABLES IN HYPERTENSIVE PATIENTS WITH AND WITHOUT DIABETES MELLITUS TYPE 2

F. Grover Paez, E.G. Cardona Muñoz, D. Cardona Müller, C. Ramos-Becerra, J. Trujillo Quiros, A.N. Chávez Guzman, M. Barocio Pantoja, M.B. Jiménez Cázares, A.L. Lizardi Salcedo, N.G. González Bonilla, J. Cardenas Rodríguez, D. Castañeda-Zaragoza
Guadalajara, MEXICO

11 / 26 IMPACT OF HYPERTENSION IN AORTIC VALVE STENOSIS ASSESSMENT

A.M. Gonzalez Gonzalez, C. Lara Garcia, A.M. Garcia Bellon, D. Gaitan Roman, M. De Mora Martin
Malaga, SPAIN

11 / 27 ONE YEAR FOLLOW-UP ASSESSMENT OF PATIENTS WITH HEART FAILURE: PROGNOSTIC ROLE OF AMBULATORY BLOOD PRESSURE MONITORING

A.M. Gonzalez Gonzalez, A.M. Garcia Bellon, P. Guardia Martinez, M. De Mora Martin
Malaga, SPAIN

11 / 28 HEART FAILURE UNIT: ASSESSMENT OF THE IMPROVEMENT OF THE QUALITY OF LIFE OF PATIENTS

A.M. Gonzalez Gonzalez, A.M. Garcia Bellon, P. Guardia Martinez, M. De Mora Martin
Malaga, SPAIN

11 / 29 LEFT VENTRICULAR EJECTION FRACTION DEPRESSION CORRELATES WITH 24 HOURS BLOOD PRESSURE PATTERN IN PATIENTS WITH CHRONIC HEART FAILURE

A.M. Gonzalez Gonzalez, P. Guardia Martinez, A.M. Garcia Bellon, D. Gaitan Roman, M. De Mora Martin
Malaga, SPAIN

11 / 30 NOCTURNAL HYPERTENSION IN CHRONIC HEART FAILURE

A.M. Gonzalez Gonzalez, C. Lara Garcia, A.M. Garcia Bellon, M.A. Ramirez Marrero, M. De Mora Martin
Malaga, SPAIN

11 / 31 COMPARISON OF FINGER-TOE PULSE WAVE VELOCITY (FTPWV) IN WOMEN WITH RHEUMATOID ARTHRITIS AND HEALTHY CONTROLS MEASURED WITH POPMÈTRE®

G. Alanis Sánchez ^{1,4}, C. Ramos-Becerra ^{1,2}, M. Hallab ³, P. Boutouryè ², S. Laurent ², H. Obeid ², H. Khettab ², D. Cardona Müller ¹, C. Murguía Soto ¹, G. Díaz Rubio ¹, E. Chavarria Avila ¹, B. Jordan Estrada ¹, K. Cervantes Hernández ¹, J. Barba Lugo ¹, F. Pérez Vazquez ¹, E. Cardona Muñoz ¹, M. Vazquez Del Mercado ¹, D.I. Montes-Martinez ¹
¹Guadalajara, MEXICO, ²Paris, ³Nantes, FRANCE, ⁴Vancouver, CANADA

11 / 32 PREVALENCE OF HYPERTENSION AND HYPERTENSION PHENOTYPES BY AGE AND GENDER AMONG SCHOOLCHILDREN IN SPAIN: THE MEPAFAC MADRID REGIONAL COMMUNITY STUDY

A. Martin Oliveros, A. Molinero, M. Cervero, M.C. Magro, Y. Pontes, T. Partearroyo
Barcelona, SPAIN

Oral Presentations in Poster Area

COMPLICATIONS AND COMORBIDITIES

Chairpersons: A. Leiba (*Tel Aviv, ISRAEL*),
R. McManus (*Oxford, UNITED KINGDOM*)

ROOM **A**

POSTOPERATIVE ATRIAL FIBRILLATION IN PATIENTS UNDERGOING ISOLATED CORONARY ARTERY BYPASS GRAFTING. THE INFLUENCE OF PREOPERATIVE PHARMACOTHERAPY

M. Vukicevic, S. Putnik
Belgrade, SERBIA

AORTIC VISCOELASTIC PROPERTIES AND ALTERED ELECTROMECHANICAL CARDIO-AORTIC CONNECTION IN PATIENTS WITH CARDIAC AMYLOIDOSIS

L. Salvi¹, A. Grillo², P. Salvi², G. Parati², S. Perlini¹
¹ *Pavia*, ² *Milan, ITALY*

FACTORS RELATED TO CENTRAL HEMODYNAMICS OF HEART TRANSPLANT RECIPIENTS: A CROSS-SECTIONAL STUDY

C.J. Lee, J. Oh, S. Lee, S. Park, S. Kang
Seoul, SOUTH KOREA

PARA-PERIRENAL DISTRIBUTION OF BODY FAT IS ASSOCIATED WITH REDUCED GLOMERULAR FILTRATION RATE REGARDLESS OF OTHER INDICES OF ADIPOSITY

G. Geraci, M. Zammuto, A. Mattina, F. D'Ignoto, S. Cottone, G. Mulè
Palermo, ITALY

SERUM NEPRILYSIN CONCENTRATION AS A DIAGNOSTICS TOOL IN HEART FAILURE PATIENTS IN ROUTINE CLINICAL PRACTICE

J. Klimas, V. Nemcekova, Z. Kmecova, E. Malikova, J. Srankova, Z. Klimasova, L. Pivackova, G. Doka, P. Krenek
Bratislava, SLOVAK REPUBLIC

IL-10 GENE POLYMORPHISM AND STROKE RISK IN PATIENTS WITH CORONARY ARTERY DISEASE

L. Minushkina, V. Brazhnik, E. Dankovtseva, M. Evdokimova, A. Nikitin, D. Zateyshchikov
Moscow, RUSSIA

Oral Presentations in Poster Area

DIAGNOSIS AND TREATMENT

Chairpersons: Z. Jarai (*Budapest, HUNGARY*),
K. Trusinskis (*Riga, LATVIA*)

ROOM **B**

IN-HOSPITAL BLOOD PRESSURE VARIABILITY AS A PREDICTOR OF CARDIO-RENAL OUTCOMES IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION

K. Konstantinou, K. Tsioufis, K. Dimitriadis, M. Mantzouranis, A. Koumelli, C. Fragoulis, A. Kasiakogias, N. Vogiatzakis, D. Tousoulis
Athens, GREECE

BILATERAL SPHENOPALATINE GANGLION BLOCK REDUCES BLOOD PRESSURE IN NEVER TREATED PATIENTS WITH ESSENTIAL HYPERTENSION. A RANDOMIZED CONTROLLED SINGLE-BLINDED STUDY

E. Triantafyllidi, C. Arvaniti, A. Schoinas, D. Benas, S. Vlachos, L. Palaiodimos, G. Pavlidis, I. Ikonomidis, C. Batistaki, C. Voumvourakis, J. Lekakis
Athens, GREECE

THE VALUE OF ATTENDED AND UNATTENDED AUTOMATED OFFICE BLOOD PRESSURE (AOBP) IN CLINICAL PRACTICE: COMPARISON WITH CONVENTIONAL OFFICE BLOOD PRESSURE (OBP) MEASUREMENTS AND 24-HOUR

E. Andreadis¹, C. Geladari¹, F. Savva¹, E. Angelopoulos¹, A. Georgantoni¹, K. Apeiranthiti¹, E. Pantikidi¹, V. Papademetriou²
¹ *Athens, GREECE*, ² *Washington DC, USA*

PROSPECTIVE EXTERNAL VALIDATION OF THE PREDICTING OUT-OF-OFFICE BLOOD PRESSURE (PROOF-BP) ALGORITHM: AN OBSERVATIONAL COHORT STUDY

J.P. Sheppard¹, R. Stevens¹, U. Martin², J. Mant³, F.D.R. Hobbs¹, R. McManus¹
¹ *Oxford*, ² *Birmingham*, ³ *Cambridge, UNITED KINGDOM*

KINO-CARDIOGRAPHY, A NEW WEARABLE MONITORING TECHNIQUE: A RANDOMIZED DOUBLE-BLIND CROSSOVER VALIDATION WITH ECHOCARDIOGRAPHY

A. Hossein, D. Corina Mirica, I. Juarez Del Rio, D. Gorlier, J. Monfils, A. Nonclercq, P.F. Migeotte, P. van de Borne
Brussels, BELGIUM

Oral Presentations in Poster Area

EPIDEMIOLOGY AND MANAGEMENT

Chairpersons: A. Berbari (*Beirut, LEBANON*),
M. Miglinas (*Vilnius, LITHUANIA*)

ROOM 

NON-ADHERENCE TO ANTIHYPERTENSIVE TREATMENT IS A MAJOR DETERMINANT OF THE CLINIC-AMBULATORY BP DIFFERENCE IN PATIENTS WITH RESISTANT HYPERTENSION

I. Hamdidouche¹, H. Pereira¹, P. Gosse², G. Bobrie¹, P.-Y. Courand^{3,4,5}, P. Delsart⁶, C. Mounier-Vehier⁶, P. Lantelme^{3,4,5}, T. Denolle⁷, C. Dourmap⁷, J.-M. Halimi^{8,9}, X. Girerd¹, P. Rossignol¹⁰, F. Zannad¹⁰, O. Ormezzanno¹⁰, B. Vaisse⁷, D. Herpin^{8,9}, J. Ribstein^{3,4,5}, J.-J. Mourad^{11,12}, E. Ferrari^{3,4,5}, G. Chatellier¹, V. Jullien¹, M. Azizi¹

¹ Paris, ² Bordeaux, ³ Lyon, ⁴ Montpellier, ⁵ Nice, ⁶ Lille, ⁷ Dinard, ⁸ Tours, ⁹ Poitiers, ¹⁰ Nancy, ¹¹ Grenoble, ¹² Bobigny, FRANCE

THE ANGIOTENSIN CONVERTING ENZYME-INHIBITORY EFFECTS OF THE PEPTIDE ISOLEUCINE-TRYPTOPHAN AFTER ORAL INTAKE VIA WHEY HYDROLYSATE IN MEN

M. Martin, D. Hagemann, T. Henle, A. Deussen
Dresden, GERMANY

ELEVATED SYSTOLIC BLOOD PRESSURE AT MIDDLE-AGE REMAINS A SIGNIFICANT CARDIOVASCULAR RISK FACTOR THROUGHOUT LIFE

K. Engeseth, E. Prestgaard, I. Grundvold, K. Liestol, J.E. Mariampillai, S.E. Kjeldsen, J. Bodegard, J. Erikssen, K. Gjesdal, P.T. Skretteberg
Oslo, NORWAY

PREDICTIVE PERFORMANCE AND CLINICAL UTILITY OF A NEW PREDICTIVE MODEL OF CARDIOVASCULAR RISK FOR YOUNG AND MIDDLE-AGED WORKING POPULATION

E. Calvo-Bonacho², C. Fernández-Labandera¹, L. Quevedo-Aguado¹, C. Catalina-Romero¹, P. Martínez-Muñoz¹, P. Valdivielso-Felices², M.-Á. Sánchez-Chaparro¹, L.M. Ruilope¹

¹ Madrid, ² Málaga, SPAIN

ALPHA-ADDUCIN POLYMORPHISM'S INFLUENCE ON ISCHEMIC STROKES

P. Casanova, L. Merlino, G. Giacalone, L. Zagato, M. Sessa, G. Comi, S. Delli Carpini, E. Messaggio, P. Manunta, M. Simonini
Milan, ITALY

A BIBLIOMETRIC ANALYSIS OF THE EUROPEAN RESEARCH IN HYPERTENSION

J. Menard¹, P. Devos²

¹ Paris, ² Lille, FRANCE

Oral Presentations in Poster Area

MECHANISMS OF HYPERTENSION

Chairpersons: S. Filipova (*Bratislava, SLOVAK REPUBLIC*),
A. Gottsäter (*Malmö, SWEDEN*)

ROOM **D**

ADAPTIVE OPTICS CAMERA ENABLES TO DESCRIBE DIFFERENT PATTERNS OF RETINAL VASCULATURE IN HYPERTENSION AND TYPE 2 DIABETES

A. Gallo, X. Girerd, D. Rosenbaum, T. Dietenbeck, N. Kachenoura, M. Paques
Paris, FRANCE

THE RESULT OF FLOW MEDIATED DILATION TEST IS NOT A DICHOTOMOUS – THE INITIAL STUDY

A. Stanczyk, P. Krzesinski, K. Piotrowicz, M. Banak, A. Chcialowski, P. Rozbicki,
P. Dabrowiecki, A. Badyda, G. Gielerak
Warsaw, POLAND

ENDOTHELIAL CELLS EXPOSED TO UREMIC TOXINS SECRETE INTERLEUKIN-8 WHICH PROMOTES VASCULAR CALCIFICATIONS

J. Bou Abdallah¹, K. Zibara², H. Issa^{1,2}, P. Gross¹, G. Langlet¹, I. Six¹, G. Choukroun¹,
S. Kamel¹, Y. Bennis¹
¹ Amiens, FRANCE, ² Beirut, LEBANON

NON-INVASIVE MEASUREMENT OF HEART-FEMORAL PULSE WAVE VELOCITY: CORRELATES, REPRODUCIBILITY AND COMPARISON WITH CAROTID-FEMORAL PULSE WAVE VELOCITY

C. Magistri¹, F.U.S. Mattace Raso², F. Battista¹, F. Anastasio¹, G. Pucci¹
¹ Terni, ITALY, ² Rotterdam, THE NETHERLANDS

PACED BREATHING REDUCES BLOOD PRESSURE AND ARTERIAL STIFFNESS: IMPACT OF THE AUTONOMIC NERVOUS SYSTEM

L. Faconti, B. Farukh, A. Boguslavskyi, P. Chowienczyk
London, UNITED KINGDOM

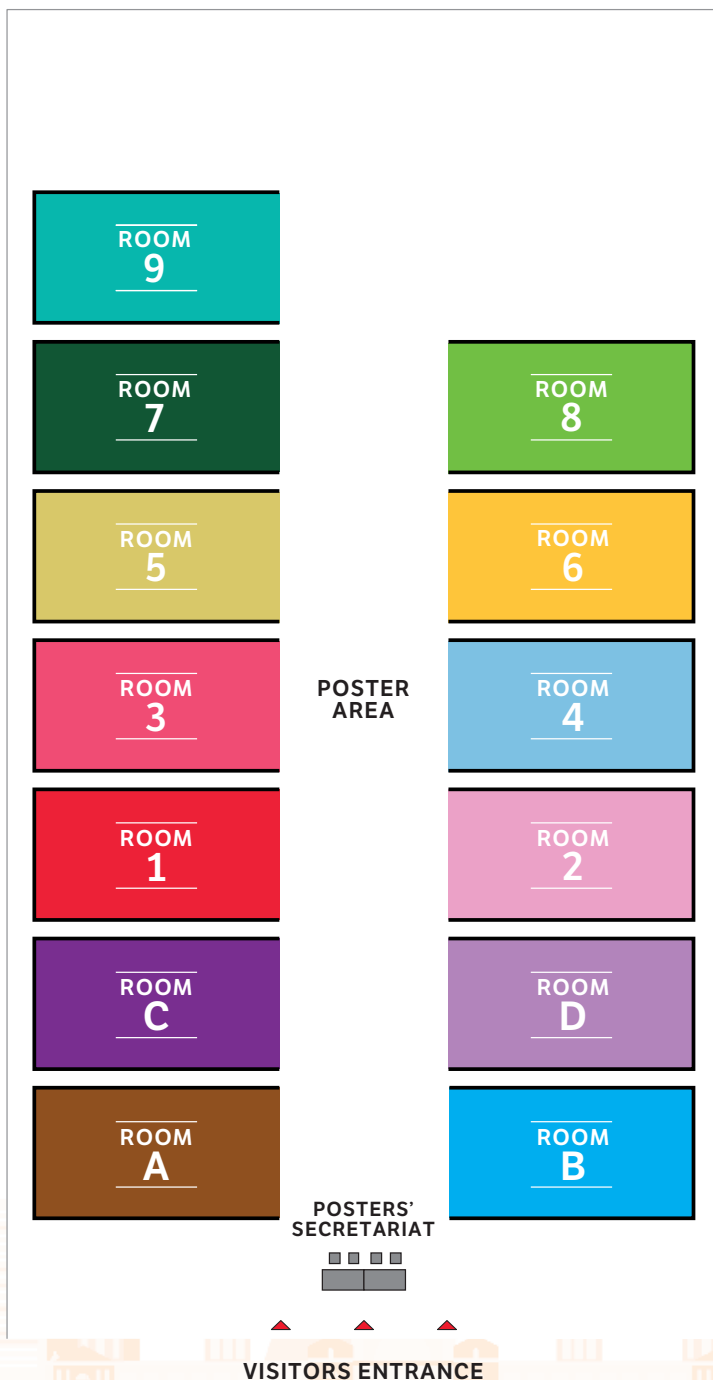
RENAL SYMPATHETIC AND SENSORY NERVES DO NOT DRIVE HYPERTENSION IN A POLYCYSTIC KIDNEY DISEASE RAT MODEL

S. Li, C.M. Hildreth, A.A. Rahman, V.J. Tallapragada, J.K. Phillips
Sydney, AUSTRALIA

IS THERE AN INTRINSIC ALTERATION OF AORTIC MECHANICAL PROPERTIES IN BICUSPID AORTIC VALVE PATIENTS? REGIONAL COMPARISON WITH TRICUSPID AND MARFAN PATIENTS THROUGH 4D FLOW MRI

A. Guala, L. Dux-Santoy, A. Ruiz-Muñoz, G. Maldonado, G. Teixido-Tura, N. Villalva,
F. Valente, L. Gutierrez, L. Galian, D. Garcia-Dorado, A. Evangelista, J. Rodriguez-Palomares
Barcelona, SPAIN

Attended Poster Sessions



Attended Poster Sessions

12.45 - 14.15

PS 21. EPIDEMIOLOGY AND RISK FACTORS

Chairperson: A. Schutte

ROOM **1** POSTERS FROM **1** TO **43**

PS 22. AGEING, CHILDREN AND ADOLESCENTS, WOMEN

Chairperson: C. Amodeo

ROOM **3** POSTERS FROM **1** TO **25**

PS 23. HEART

Chairperson: G.H. Cerezo

ROOM **4** POSTERS FROM **1** TO **25**

PS 24. LIFESTYLE, HYPERTENSION MANAGEMENT

Chairperson: M. Doménech

ROOM **5** POSTERS FROM **1** TO **20**

PS 25. BLOOD PRESSURE MEASUREMENT AND VARIABILITY

Chairperson: J. Blacher

ROOM **6** POSTERS FROM **1** TO **34**

PS 26. KIDNEY AND RAAS, ENDOCRINE HYPERTENSION

Chairperson: V.S. Ram

ROOM **7** POSTERS FROM **1** TO **26**

PS 27. METABOLIC DISORDERS AND SLEEP APNOEA

Chairperson: V. Pallarés Carratalá

ROOM **8** POSTERS FROM **1** TO **22**

PS 28. LARGE ARTERIES AND MICROCIRCULATION

Chairperson: P. Boutouyrie

ROOM **9** POSTERS FROM **1** TO **24**

LATE-BREAKER POSTERS' SESSION 3

Chairperson: A.A. Brandão

ROOM **2** POSTERS FROM **1** TO **28**

Oral Presentations in Poster Area

13.00 - 14.00

COMPLICATIONS AND COMORBIDITIES

Chairpersons: M. Camafort, TBD

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DIAGNOSIS AND TREATMENT

Chairpersons: M. de Carvalho Rodrigues, D. Rizzoni

ROOM **B**

EPIDEMIOLOGY AND MANAGEMENT

Chairpersons: B. Jelakovic, G.S. Stergiou

ROOM **C**

MECHANISMS OF HYPERTENSION

Chairpersons: E. Barbosa, M. Dorobantu

ROOM **D**

Posters' Session PS21

EPIDEMIOLOGY AND RISK FACTORS

Chairperson: A. Schutte (*Johannesburg, SOUTH AFRICA*) ROOM **1** POSTERS FROM **1** TO **43**

1 / 1 GLOBAL MORTALITY OF MEDITERRANEAN POPULATION HYPERTENSIVE > 65 YEARS

D. Godoy Roca¹, B. Roig Espert², J.J. Tamarit García¹, A. González-Cruz Cervellera¹, V. Pallarés Carratalá³, P. Morillas Blasco⁴

¹ Valencia, ² Manises-Valencia, ³ Castellón de La Plana-Castellón,

⁴ Sant Joan d'Alacant-Alicante, SPAIN

1 / 2 RISK FACTORS FOR CARDIOVASCULAR EVENTS, ENDOTHELIAL FUNCTION, LEVEL OF LEPTIN AND LEVEL OF CREATININE IN PATIENTS WITH CORONARY HEART DISEASE COMBINED WITH HEPATIC STEATOSIS

M. Grechanyk

Dnepr, UKRAINE

1 / 3 HIGH SYMPATHETIC RESPONSE AND PHENOBARBITAL IN PRIMARY HYPERTENSIVE PATIENTS

M. El Bakkali, S. Aboudrar, A. Jniene, J. El Hangouche, H. Rkain, L. Errguig, T. Dakka, H. Benjelloun

Rabat, MOROCCO

1 / 4 CORONARY HEART DISEASE RISK FACTORS AND CARDIOVASCULAR RISK OF SOME ALGERIAN PHYSICAL EMPLOYEES COMPANIES

A. Belkadi

Mostagenem, ALGERIA

1 / 5 FACTORS ASSOCIATED WITH EARLY BLOOD PRESSURE CONTROL IN NEWLY DIAGNOSED HYPERTENSIVE PATIENTS

E. Nicolas¹, F. Beauvais², R. Benainous¹, L. Weisslinger¹, S. Lejeune¹, J.-J. Mourad¹

¹ Bobigny, ² Paris, FRANCE

1 / 6 EPIDEMIOLOGY OF HYPERTENSION IN AN URBAN AREA DEPENDING OF A TERTIARY HOSPITAL

F. Martínez García, G. Pichler, R. Usó, A. Ruíz, I. Saurí, E. Solaz, O. Calaforra Juan, J. Cacheiro, J. Redon

Valencia, SPAIN

1 / 7 TREATMENT OF PATIENTS WITH ARTERIAL HYPERTENSION AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE (ACCORDING TO THE RUSSIAN FEDERAL REGISTER OF ARTERIAL HYPERTENSION)

N. Lazareva, E. Oshchepkova, I. Chazova

Moscow, RUSSIA

1 / 8 ARTERIAL HYPERTENSION IN ATHLETES IN THEIR MIDDLE AND LATE ADULthood DURING SPORTS ACTIVITIES

M. Tsareva, A. Shmoylova, Y. Shvarts
Saratov, RUSSIA

1 / 9 CHANGES IN BLOOD PRESSURE AND METABOLIC PARAMETERS IN OVERWEIGHT PATIENTS WITH OBSTRUCTIVE SLEEP APNOEA SYNDROME AFTER 3-MONTH CONTINUOUS POSITIVE AIRWAY PRESSURE THERAPY

F. Spannella, F. Giulietti, C. Di Pentima, E. Borioni, F.E. Lombardi, G. Cocci, B. Bernardi, C. Iacoacci, R. Sarzani
Ancona, ITALY

1 / 10 DIABETES, PHYSICAL EFFORT, VISCERAL OBESITY AND SUBCLINICAL VASCULAR RISK FACTORS IN POSTMENOPAUSAL WOMEN

L. Woznicka-Leskiewicz, A. Posadzy-Malaczynska
Poznan, POLAND

1 / 11 MORNING SURGE AS PROGNOSTIC RISK FACTOR FOR TARGET ORGAN DAMAGE IN HYPERTENSIVE PATIENTS. DATA FROM A ROMANIAN UNIVERSITY-BASED HOSPITAL

A. Varga¹, E. Ardeleanu², C. Suci¹, I. Tilea¹
¹Targu Mures, ²Timisoara, ROMANIA

1 / 12 MULTIPLE SPOT URINE SAMPLING IS MORE PRECISE, ACCURATE AND SIMPLE COMPARED TO 24 HOURS COLLECTION FOR ESTIMATING SODIUM EXCRETION

P. Salice, G. Ardissino, S. Ghiglia, M. Perrone, F. Tel, A. Mezzopane, A. Piantanida, T. Lettera, F. Mehmeti, P. Savina, G. Grimaldi, L. Xaiz, F. Napolitano, F. De Luca, A. Giussani, L. Cortinavis, S. Milani, D. Consonni
Milan, ITALY

1 / 13 BLOOD PRESSURE VARIABLES, SMOKING STATUS, SEDENTARY LIFESTYLE AND OBESITY AS PREDICTORS OF INCREASED ARTERIAL STIFFNESS AND EARLY ARTERIAL AGEING IN MIDDLE-AGED STUDY PARTICIPANTS

I. Mozos, A. Lascu, S. Gligor
Timisoara, ROMANIA

1 / 14 ARTERIAL STIFFNESS AND EFFECT OF ALENDRONAT AND ROSUVASTATIN COMBINATION THERAPY IN HIGH CARDIOVASCULAR RISK PATIENTS WITH LOW BONE MINERAL DENSITY

Z. Blankova, N. Samsonova, I. Barinova, O. Ryabceva, F. Ageev
Moscow, RUSSIA

1 / 15 TARGET ORGAN DAMAGES IN HYPERTENSIVE PATIENTS ACCORDING TO THEIR GLYCAEMIC PROFILE. THE ROLE OF ANAEMIA

C. Liakos, E. Karpanou, C. Grassos, M. Markou, G. Vyssoulis, D. Tousoulis
Athens, GREECE

1 / 16 BLOOD PRESSURE LEVELS AND BODY MASS INDEX IN ADULTS WITH DOWN SYNDROME

M.L. De Rosa, L. Gioia, L. Ferrante, N. Ferrara
Naples, ITALY

1 / 17 CORRELATION ASSESSMENT OF HYPERTENSION AMONG LAW ENFORCEMENT PERSONNEL OF NATIONAL CAPITAL REGION (NCR), INDIA

J.K. Meena, N. Rustagi
Udaipur, INDIA

1 / 18 PROGNOSTIC FACTORS IN PATIENTS WITH FIRST GRADE ARTERIAL HYPERTENSION

T.A. Mangileva
Simferopol, RUSSIA

1 / 19 LACK OF SOCIAL SUPPORT IS A STRONG PREDICTOR OF ARTERIAL HYPERTENSION IN MALE POPULATION IN RUSSIA/SIBERIA: EPIDEMIOLOGICAL PROGRAM WHO MONICA-PSYCHOSOCIAL STUDY

E. Gromova, E. Krymov, D. Panov, I. Gagulin, A. Gafarova, V. Gafarov
Novosibirsk, RUSSIA

1 / 20 ACUTE DETRIMENTAL EFFECTS OF E-CIGARETTE AND TOBACCO CIGARETTE SMOKING ON BLOOD PRESSURE AND SYMPATHETIC NERVE ACTIVITY IN HEALTHY SUBJECTS

K. Dimitriadis, K. Tsioufis, D. Konstantinidis, T. Kalos, C. Fragoulis, K. Konstantinou, M. Mantzouranis, N. Vogiatzakis, D. Tousoulis
Athens, GREECE

1 / 21 ARTERIAL HYPERTENSION AND ITS PREVALENCE IN THE SOUTH AND NORTH REGIONS OF THE REPUBLIC OF KAZAKHSTAN (ACCORDING TO EPIDEMIOLOGICAL STUDY)

T. Leonovich, D. Utebaliyeva, M. Tundymbaeva, Z. Mamedgulyeva, G. Junusbekova, S.P. Berkinbayev, A. Bulekbayeva
Almaty, KAZAKHSTAN

1 / 22 MALIGNANT ARTERIAL HYPERTENSION, SYMPTOMATIC AND PROGNOSTIC ASPECTS

T. Ben Ayed, S. Barbouch, N. Cherni, H. Kaaroud, H. Hedri, R. Aoudia, F. Ben Hmida, A. Harzallah, T. Ben Abdallah
Tunis, TUNISIA

1 / 23 TARGET ORGAN DAMAGE IN NEWLY DIAGNOSED HYPERTENSIVE INDIVIDUALS IN YAOUNDÉ, SUB SAHARAN AFRICA

C.N. Nganou-Gnjindjo, L. Mfeukeu-Kuate, B. Hamadou, J.P. Essomba, A. Tankeu, A.P. Menanga, S. Kingue
Yaoundé, CAMEROON

1 / 24 IMPORTANCE OF CARDIOVASCULAR DISEASE RISK FACTORS. RUSSIAN POPULATION OPINION (ESSE-RF STUDY)

O. Rotar, N. Parizhskaya, A. Orlov, M. Boyarinova, A. Alieva, E. Moguchaya, N. Paskar, E. Baranova, A. Konradi
Saint Petersburg, RUSSIA

1 / 25 RISK FACTORS IN POSTMENOPAUSAL WOMEN WITH ARTERIAL HYPERTENSION AND THEIR PREDICTIVE SIGNIFICANCE

S. Radenkovic¹, G. Kocic¹, V. Mitic²
¹ Niš, ² Niska Banja, SERBIA

1 / 26 THE PRESENCE OF GLUCOSE METABOLIC DISORDERS AND SUBCLINICAL RENAL IMPAIRMENT IN PATIENTS WITH ARTERIAL HYPERTENSION AND ISCHEMIC HEART DISEASE

S. Kostic^{1,2}, I. Tasic², D. Djordjevic², V. Stoickov², D. Petrovic²
¹ Niska Banja, ² Niš, SERBIA

1 / 27 CARDIOVASCULAR EVENTS IN MALE PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS

M. Kharroubi, R. Aouidia, H. Gaid, M. Jerbi, H. Kaaroud, H. Hedri, F. Ben Hmida, R. Goucha, T. Ben Abdallah
Tunis, TUNISIA

1 / 28 THE PREVALENCE OF RESISTANT AND UNDERCONTROLLED HYPERTENSION AMONG PATIENTS OF A HYPERTENSION OUTPATIENT CLINIC IN SZEGED

L. Péter, P. Legrady, I. Fejes, G. Abraham
Szeged, HUNGARY

1 / 29 NEED OF SECONDARY PREVENTION OF PSYCHOSOCIAL STRESS AMONG HYPERTENSION PATIENTS – FINDINGS FROM A PROSPECTIVE STUDY IN RURAL INDIA

C. Kohli, J. Kishore, N. Gupta, N. Kumar, N. Dahiya
New Delhi, INDIA

1 / 30 DETERMINANTS OF HYPERTENSION IN RURAL DELHI, INDIA

P.K. Gupta¹, C. Kohli², J. Kishore², N. Gupta²
¹ Jaipur, ² New Delhi, INDIA

1 / 31 LDL CHOLESTEROL CONTROL IN PATIENTS FROM A HYPERTENSION CLINIC

P. Marques, T. Morais, M.J. Lume, S. Tavares, C. Silva, L. Nogueira-Silva, M.J. Lima
Porto, PORTUGAL

1 / 32 EPIDEMIOLOGICAL CLINICAL AND BIOLOGICAL CHARACTERISTICS OF HYPERTENSION IN THE ELDERLY IN A MOROCCAN POPULATION

M. Haraka, K. Khay, E. Aqli, G. Abouelfath, S. Nadifi, R. Habbal
Casablanca, MOROCCO

1 / 33 BIOMARKERS OF PREHYPERTENSION AND HYPERTENSION IN WOMEN

M. Sorokina, B. Koichubekov, A. Turmukhambetova, Y. Laryushina, L. Turgunova,
I. Korshukov
Karaganda, KAZAKHSTAN

1 / 34 THE SPREADING OF RISK FACTORS FOR AH AMONG 29-69 YEARS FEMALE INDIVIDUALS WITH TYPE 2 DIABETES, LIVING IN PAVLODAR

Z. Mamedgulyeva, M.K. Tundybayeva, D. Utebaliyeva, T. Leonovich, G. Junusbekova,
S.P. Berkinbayev, D. Mukhtarhanova
Almaty, KAZAKHSTAN

1 / 35 APBM HYPERTENSIVE INDEX TIME, IN TREATED HYPERTENSIVE PATIENTS, CAN PREDICT VENTRICULAR REMODELING AND CARDIOVASCULAR EVENTS

H. Rus, E. Bobescu, C. Dascalescu, E. Grancea, C. Luca, I. Barsan
Brasov, ROMANIA

1 / 36 INCOME FROM CORONARY DISEASE IN MEDITERRANEAN POPULATION HYPERTENSIVE > 65 YEARS

J.J. Tamarit García¹, B. Roig Espert², D. Godoy Roca¹, A. González-Cruz Cervellera¹,
V. Pallarés Carratalá³, P. Morillas Blasco⁴
¹ Valencia, ² Manises-Valencia, ³ Castellón de La Plana-Castellón,
⁴ Sant Joan d'Alacant-Alicante, SPAIN

1 / 37 MORTALITY IN HYPERTENSIVE PATIENTS IN VASCULAR SURGERY

A.M. Garrido Castro, P. Losada Mora, J.L. Carrillo Linares, M. Martin Velazquez,
P. Garcia Frias, I. Ubiria Zanotti, M. Urbanska
Málaga, SPAIN

1 / 38 BETTER CONTROL OF OBESE HYPERTENSIVE PATIENTS WITH MODERATE HYPERTENSION, WHEN CENTRAL BLOOD PRESSURE ARE USED AS A PARAMETER FOR FOLLOWING-UP

R. Cabrera Sole, C. Turpin Lucas, L. Urrego Rivera, S. Garcia Ruiz
Albacete, SPAIN

1 / 39 PULSE WAVE EVALUATION IN HYPERTENSION CONSULTATION

M. Freixa, J. Rodrigues, A. Ferreira Simões, S. Úria, G. Nunes Da Silva
Lisbon, PORTUGAL

1 / 40 MORTALITY OF HYPERTENSE PATIENTS IN ORTHOPEDIC SURGERY

A.M. Garrido Castro, P. Losada Mora, J.L. Carrillo Linares, M. Martin Velazquez, P. Garcia
Frias, I. Ubiria Zanotti, M. Urbanska
Málaga, SPAIN

1 / 41 THE VERIFICATION OF THE MULTIFACTOR MODEL OF DEVELOPMENT OF FATAL AND NONFATAL MYOCARDIAL INFARCTIONS AND STROKES IN HYPERTENSIVE PERSONS

N.R. Prakoshyna¹, A.D. Deev², A.I. Schastlivenko¹
¹ Vitebsk, BELARUS, ² Moscow, RUSSIA

1 / 42 FREQUENT MEDICAL PROBLEMS IN PATIENTS UNDERGOING VASCULAR SURGERY

A.M. Garrido Castro, P. Losada Mora, J.L. Carrillo Linares, I. Ubiria Zanotti, M. Urbanska, M. Martin Velazquez, P. Garcia Frias
Málaga, SPAIN

1 / 43 FREQUENT MEDICAL PROBLEMS IN PATIENTS UNDERGOING ORTHOPAEDIC SURGERY

A.M. Garrido Castro, P. Losada Mora, J.L. Carrillo Linares, I. Ubiria Zanotti, M. Urbanska, M. Martin Velazquez, P. Garcia Frias
Málaga, SPAIN

Posters' Session PS22

AGEING, CHILDREN AND ADOLESCENTS, WOMEN

Chairperson: C. Amodeo (*São Paulo, BRAZIL*)

ROOM **3** POSTERS FROM **1** TO **25**

3 / 1 REPRODUCIBILITY OF AMBULATORY BLOOD PRESSURE MONITORING PHENONOTYPES IN VERY ELDERLY

A.M. Agrati, F. Colombo, G. Ferraro
Milan, ITALY

3 / 2 AMBULATORY BLOOD PRESSURE MONITORING AFTER PEDIATRIC LIVER TRANSPLANTATION

J. Antoniewicz, P. Czubkowski, I. Jankowska, M. Teisseyre, M. Dadalski, D. Kaminska, J. Pawlowska
Warsaw, POLAND

3 / 3 INTEGRATED PROGNOSTIC MODEL FOR EARLY PREDICTION OF PREECLAMPSIA

B. Gerasimovska, V. Gerasimovska
Skopje, REPUBLIC OF MACEDONIA

3 / 4 HIGH BLOOD PRESSURE AND OBESITY PREVALENCE IN ADOLESCENTS: RESULTS OF A SCREENING PROGRAM

L. Szabó, J. Kormos-Tasi, E. Gácsi, N. Scheuring
Budapest, HUNGARY

3 / 5 CONSISTENCY OF LEFT VENTRICULAR HYPERTROPHY DIAGNOSED BY ELECTROCARDIOGRAPHY AND BY ECHOCARDIOGRAPHY: THE NORTHERN SHANGHAI STUDY

Y. Zhou
Shanghai, CHINA

3 / 6 COMPARISON OF ANKLE-BRACHIAL INDEX AND UPSTROKE TIME PER CARDIAC CYCLE IN ASSOCIATION WITH TARGET ORGAN DAMAGE IN ELDERLY CHINESE: THE NORTHERN SHANGHAI STUDY

S. Yu¹, J. Xiong¹, Y. Lu¹, H. Ji¹, J. Teliewubai¹, C. Chi¹, B. Bai¹, Y. Zhou¹, X. Fan¹, J. Blacher², J. Li¹, Y. Zhang¹, Y. Xu¹

¹ Shanghai, CHINA, ² Paris, FRANCE

3 / 7 CARDIOVASCULAR DISEASE IN VERY ELDERLY PATIENTS HOSPITALIZED IN A DISTRICT HOSPITAL

M. Mellado-Ferreiro¹, V. Jarne-Betrán¹, M. Arteaga-Mazuelas¹, A. Redondo-Arriazu², L. Urbina-Soto¹

¹ Estella, ² Pamplona, SPAIN

3 / 8 A TEN-YEAR ANALYSIS OF ANTIHYPERTENSIVE THERAPY IN OVER-EIGHTY-YEARS-OLD-PATIENTS

A. Grossi, E. Cattaneo, N. Tandurella, S. Moretti, G. Cavallaro, L. Robustelli Test, M. Agostinis, V. Pierobon, L. Tavecchia, V. Mancuso, C. Mongiardi, L. Montalbetti, L. Guasti, A.M. Grandi, A.M. Maresca

Varese, ITALY

3 / 9 REFERENCE VALUES FOR OFFICE BLOOD PRESSURE IN BRAZILIAN ADOLESCENTS: DATA FROM THE STUDY OF CARDIOVASCULAR RISK IN ADOLESCENTS (ERICA STUDY)

T.V. Jardim¹, B. Rosner³, K. Bloch², P.C. Jardim¹

¹ Goiania, ² Rio de Janeiro, BRAZIL, ³ Boston, MA, USA

3 / 10 RENALASE, BLOOD PRESSURE AND ARTERIAL STRUCTURE AND FUNCTION IN CHILDREN WITH CHRONIC KIDNEY DISEASE

P. Skrzypczyk, M. Okarska-Napierala, E. Gorska, A. Stelmaszczyk-Emmel, M. Panczyk-Tomaszewska

Warsaw, POLAND

3 / 11 INFLUENCE OF THE CARDIOPROTECTION ON HEMODYNAMIC IN PERIOPERATIVE PERIOD IN ELDERLY

Y. Ploshchenko, O. Klygunenko

Dnipro, UKRAINE

3 / 12 A PREGNANT WOMAN WITH PSEUDOHYPERALDOSTERONISM DUE TO MUMIJO CONSUMPTION: A LICORICE-LIKE SYNDROME

K. Imprialos, K. Stavropoulos, D. Patoulas, S. Bouloukou, G. Kerpiniotis, G. Lales, A. Manafis, C. Mitas, K. Petidis, V. Athyros, A. Karagiannis, M. Doulmas

Thessaloniki, GREECE

3 / 13 VITAMIN D AND BLOOD PRESSURE PARAMETERS IN CHILDREN AND ADOLESCENTS WITH ARTERIAL HYPERTENSION

P. Skrzypczyk, K. Dziedzic-Jankowska, A. Ofiara, M. Szyszka, M. Panczyk-Tomaszewska

Warsaw, POLAND

3 / 14 RED BLOOD CELLS COUNT AND HEMOGLOBIN LEVEL ARE ASSOCIATED WITH ARTERIAL STIFFNESS IN HEALTHY SUBJECTS

I. Strazhesko, A. Staroverova, E. Borisov, Y. Orlova
Moscow, RUSSIA

3 / 15 PREVALENCE AND ASSOCIATIONS OF FRAILTY IN ELDERLY PATIENTS WITH ACUTE CORONARY SYNDROME

N. Soseliya, B. Lobzhanidze, I. Meray, N. Bagmanova, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

3 / 16 CIRCULATING LOW-DENSITY LIPOPROTEIN CHOLESTEROL IS INVERSELY CORRELATED WITH N-TERMINAL PRO-B-TYPE NATRIURETIC PEPTIDE IN VERY ELDERLY HOSPITALIZED PATIENTS

F. Spannella, G. Cocci, F. Giulietti, L. Landi, G. Rosettani, V. Bordoni, P. Giordano, R. Sarzani
Ancona, ITALY

3 / 17 CENTRAL AORTIC PRESSURE AND ITS AUGMENTATION IN PREGNANT WOMEN IN TERMS OF THEIR BODY MASS

M. Evseyeva, O. Sergeeva, V. Baturin, G. Hight, S. Gusev, A. Kalashnikova
Stavropol, RUSSIA

3 / 18 COMPARATIVE ASPECTS OF THE STUDY OF EATING BEHAVIOR OF ADOLESCENTS 12 TO 13 YEARS DEPENDING ON THE LEVEL OF BLOOD PRESSURE

A.S. Ospanova¹, T. Rymbaeva¹, A. Kerimkulova², A. Markabaeva¹
¹ Semey, ² Astana, KAZAKHSTAN

3 / 19 ETHNIC AND GENDER FEATURES OF WEIGHT INFLUENCE AT BLOOD PRESSURE OF ADOLESCENTS WITH 12-13 YEARS OLD

A.S. Ospanova¹, A. Kerimkulova², T. Rymbaeva¹, A. Markabaeva¹
¹ Semey, ² Astana, KAZAKHSTAN

3 / 20 MUSCULAR STRENGTH'S EFFICIENCY AND RISK OF FALL IN ELDERLY SUBJECTS WITH HYPERTENSION

F. D'Amico^{1,2}
¹ Patti, ² Messina, ITALY

3 / 21 MORBIDITY AND MORTALITY IN A COHORT FROM CENTRAL SPAIN. THE SEGOVIA CARDIOVASCULAR DISEASE RISK STUDY

A. Corbatón Anchuelo¹, M.T. Martínez Larrad¹, C. Fernández Pérez¹, S. Vega Quiroga², I. Serrano García¹, A. Blanco Echevarría¹, M. Serrano Ríos¹
¹ Madrid, ² Arévalo, SPAIN

3 / 22 SCREENING FOR HIGH BLOOD PRESSURE IN DIABETIC PREGNANT WOMEN

N. Ben Amor, C. Jemai, H. Tertek, A. Temesk, M. Zarrouk, F. Ben Mami
Tunis, TUNISIA

3 / 23 TRANSITION IN CARE: WHAT IS NEEDED FOR ADOLESCENTS WITH HYPERTENSION

L. Cloutier¹, A. Fournier², N. Houle¹, A. Leclerc¹, C. Lemay¹

¹ Trois-Rivières, ² Montréal, CANADA

3 / 24 EFFECT OF QUANTITATIVE AND QUALITATIVE DIET PRESCRIPTION ON CHILDREN BEHAVIOUR AFTER A DIAGNOSIS OF FAMILIAL DYSLIPIDEMIA

F. Fogacci, A.F.G. Cicero, M. Bove, E. Rizzoli, D. Degli Esposti, C. Borghi

Bologna, ITALY

3 / 25 ACRODYNIA AS A REASON OF HYPERTENSIVE CRISES IN 2-YEAR OLD GIRL

L. Obrycki, M. Litwin

Warsaw, POLAND

Posters' Session PS23

HEART

Chairperson: G.H. Cerezo (Buenos Aires, ARGENTINA) ROOM 4 POSTERS FROM 1 TO 25

4 / 1 CHANGE OF WALL THICKNESS OF MIOCARDIUM WITH ARTERIAL HYPERTENSION ACCORDING TO MORTEM EXAMINATION BY ETHNICITY (BETWEEN KAZAKH AND RUSSIAN HYPERTENSION PATIENTS)

A. Kerimkulova¹, V.R. Veber³, N.A. Latypova¹, A.S. Ospanova²

¹ Astana, ² Semey, KAZAKHSTAN, ³ Veliky Novgorod, RUSSIA

4 / 2 ASSOCIATION OF LEFT VENTRICLE DIASTOLIC DYSFUNCTION, VENTRICULAR-VASCULAR COUPLING AND PARAMETERS OF WAVE AUGMENTATION IN PATIENTS WITH UNCOMPLICATED HYPERTENSION

K.M. Amosova, I. Rudenko, N. Shyshkina, O. Rokyta, I. Katsitadze, K. Chernyaeva

Kiev, UKRAINE

4 / 3 LEFT VENTRICULAR DEFORMATION IN PATIENTS WITH SYSTEMIC ARTERIAL HYPERTENSION BY 2D SPACKLE TRACKING ECHOCARDIOGRAPHY

N. Gronkova-Zlatareva, V. Dimitrova, I. Petrov, S. Tsonev

Sofia, BULGARIA

4 / 4 UBIQUINOL INNOVATIVE FORM PROVIDES CARDIOPROTECTION BY A SINGLE INTRAVENOUS INJECTION

O. Kuliak, E. Gorodetskaya, E.I. Kalenikova, O.S. Medvedev

Moscow, RUSSIA

4 / 5 PREDICTORS OF HOSPITALIZATION IN PATIENTS WITH ATRIAL FIBRILLATION AND RESTORED SINUS RHYTHM

A. Kisheva, Y. Yotov, A. Angelov

Varna, BULGARIA

4 / 6 RENAL FUNCTION IN PATIENTS WITH ESSENTIAL HYPERTENSION AND ATRIAL FIBRILLATION: ITS INTERRELATIONSHIPS WITH FIBROSIS, INFLAMMATION AND CARDIAC FUNCTION

K. Protasov, V. Dorzhieva, E. Batunova
Irkutsk, RUSSIA

4 / 7 ATRIAL FIBRILLATION AND AVERAGE HOSPITAL STAY IN ANGIOLOGY

A.M. Garrido Castro, P. Losada Mora, J.L. Carrillo Linares, M. Martin Velazquez, P. Garcia Frias, I. Ubiria Zanotti, M. Urbanska
Malaga, SPAIN

4 / 8 RESIDUAL REACTIVITY AND MORPHOMETRIC PARAMETERS OF PLATELETS IN PATIENTS WITH STABLE ANGINA PECTORIS AFTER PERCUTANEOUS CORONARY INTERVENTION

T. Pronko
Grodno, BELARUS

4 / 9 ISCHEMIC HEART DISEASE IN PATIENTS WITH END-STAGE KIDNEY DISEASE

M. Kharroubi, R. Aouidia, H. Gaid, M. Jerbi, H. Kaaroud, H. Hedri, F. Ben Hhmidia, R. Goucha, T. Ben Abdallah
Tunis, TUNISIA

4 / 10 CARDIAC DAMAGE IN ADULT ROMANIAN POPULATION

O.-F. Tautu, R.O. Darabont, D. Dimulescu, C. Sinescu, L. Radulescu, N. Oprescu, S. Onciul, C. Stefan, D. Cadil, M. Dorobantu
Bucharest, ROMANIA

4 / 11 EXPERIENCE WITH VALSARTAN/SACUBITRILLO IN PATIENTS WITH CHRONIC KIDNEY DISEASE

M.D. Martinez Esteban, T. Vazquez Sanchez, J. Alonso Titos, E. Sola Moyano, G. Martin Reyes, A. Torres De Rueda, R. Toledo Rojas, C. Gutierrez De La Fuente, D. Hernandez Marrero
Malaga, SPAIN

4 / 12 THE EFFECT OF MICROGRAVITY ON CENTRAL AORTIC BLOOD PRESSURE

F.S. Seibert, F. Bernhard, U. Stervbo, S. Vairavanathan, F. Bauer, B. Rohn, N. Pagonas, N. Babel, T.H. Westhoff
Bochum, GERMANY

4 / 13 THE LYMPHOCYTE-TO-MONOCYTE RATIO. A NOVEL INDEPENDENT PREDICTOR OF ALL-CAUSE MORTALITY IN PATIENTS WITH HEART FAILURE

C. Delcea, C.A. Buzea, A. Dima, A. Tocitu, A. Andrus, A. Breha, M. Dobranici, R.A. Popescu, D. Ciuculete, G.A. Dan
Bucharest, ROMANIA

4 / 14 FACT – A NEW PREDICTION SCORE FOR SUPRAVENTRICULAR TACHYARRHYTHMIAS IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE

C. Delcea, C.A. Buzea, M.I. Balea, D. Gologanu, M. Dobranici, R.A. Popescu, G.A. Dan
Bucharest, ROMANIA

4 / 15 ANALYSIS OF CARDIAC ARRHYTHMIAS FROM 24-HOUR ELECTROCARDIOGRAPHIC MONITORING IN PATIENTS WITH ARTERIAL HYPERTENSION AND ATRIAL FIBRILLATION

T. Danilevych, V. Ivanov
Vinnytsy, UKRAINE

4 / 16 SERUM LDL AND GLYCEMIC CONTROL IN PATIENTS WITH CONCURRENT ATRIAL FIBRILLATION, ARTERIAL HYPERTENSION AND TYPE 2 DIABETES MELLITUS

A.-M. Vintila, M. Horumba, G. Cristea, C.C. Tudorica, V. Vintila
Bucharest, ROMANIA

4 / 17 IMPAIRED ANKLE BRACHIAL INDEX AND UNFAVORABLE AMBULATORY BLOOD PRESSURE PROFILE IN PATIENTS WITH HOSPITALIZED FOR MYOCARDIAL INFARCTION

K. Konstantinou, K. Tsioufis, M. Mantzouranis, A. Koumelli, C. Fragoulis, N. Vogiatzakis, K. Dimitriadis, A. Kasiakogias, D. Tousoulis
Athens, GREECE

4 / 18 INCIDENCE AND OUTCOMES OF ANEMIA IN PATIENTS WITH HEART FAILURE IN SOUTH INDIAN STATE KERALA

A. Gaskina, R. Rajesh, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

4 / 19 ETIOLOGICS AND AGGRAVATION FACTORS OF CHRONIC HEART FAILURE IN A SUB SAHARAN INTRA-HOSPITAL MILIEU

C. Ngongang Ouankou, L.O. Chendjou Kapi, K. Tachim, W. L. Tsambang, J. Wandji Ngamga, A. Etoundi, A. Essono, C. Tsamo, I.L. Nchoua Soule, M.D. Ouankou, M. Kowo, L. Kuate Mfeukeu, F.-J. Kaze, K. Ngu Blackett
Yaoundé, CAMEROON

4 / 20 THE PREVALENCE OF MYOCARDIAL INFARCTION AMONG PATIENTS WITH ATRIAL FIBRILLATION DUE TO ARTERIAL HYPERTENSION

I. Leonova, S. Boldueva, M. Rhyzhkova
Saint Petersburg, RUSSIA

4 / 21 ATRIAL FIBRILLATION AND MORTALITY IN TRAUMATOLOGY

A.M. Garrido Castro, P. Losada Mora, J.L. Carrillo Linares, M. Martin Velazquez, P. Garcia Frias, I. Ubiria Zanotti, M. Urbanska
Malaga, SPAIN

4 / 22 ATRIAL FIBRILLATION AND AVERAGE HOSPITAL STAY IN TRAUMATOLOGY

A.M. Garrido Castro, P. Losada Mora, J.L. Carrillo Linares, M. Martin Velazquez,
P. Garcia Frias, I. Ubiria Zanotti, M. Urbanska
Malaga, SPAIN

4 / 23 NURSES' NIGHTSHIFT WORKLOAD: PSYCHOLOGIC, METABOLIC AND CARDIOVASCULAR DATA

K. Kisters¹, C. Scardelli², M. Moser³, A. Kastner³, S. Opresnik², M. Walzl⁴, C. Tiesenhausen⁴,
S. Porta^{2,3}

¹ Herne, GERMANY, ² Fernitz-Mellach, ³ Wiener Neustadt, ⁴ Graz, AUSTRIA

4 / 24 ATRIAL FIBRILLATION AND MORTALITY IN ANGIOLOGY

A.M. Garrido Castro, P. Losada Mora, J.L. Carrillo Linares, M. Martin Velazquez,
P. Garcia Frias, I. Ubiria Zanotti, M. Urbanska
Malaga, SPAIN

4 / 25 BOTH HIGH AND LOW SUPINE BLOOD PRESSURE AS WELL AS ITS POSTURAL FALL ARE INDEPENDENT RISK FACTORS FOR THE PROGNOSIS IN PATIENTS WITH HEART FAILURE

R. Imazu, S. Fujishima, S. Yamamoto, K. Yamamori, H. Shimazoe, K. Tsukahara, N. Murakami,
S. Kaseda, Y. Koyanagi, T. Koga, T. Tsuchihashi
Kitakyushu, JAPAN

Posters' Session PS24

LIFESTYLE, HYPERTENSION MANAGEMENT

Chairperson: M. Doménech (Barcelona, SPAIN)

ROOM **5** POSTERS FROM **1** TO **20**

5 / 1 DAILY PHYSICAL EXERCISE FOR 15 MINUTES, IMPROVES THE CONTROL OF HYPERTENSION AND ARTERIAL STIFFNESS IN OBESE HYPERTENSIVE PATIENTS

R. Cabrera Sole¹, C. Turpin Lucas¹, L. Urrego Rivera¹, S. Ruiz Garcia¹, E. Stephan Luepke²,
M. Aguilera Saldaña¹

¹ Albacete, SPAIN, ² Huddersfield, UNITED KINGDOM

5 / 2 INFLUENCE OF GENDER ON THE ADAPTATION OF CORONARY ARTERIOLES IN SPORT

M. Török, A. Monori-Kiss, É. Pál, E.M. Horváth, A. Jósvali, P. Merkely, A.A. Sayour, C. Mátyás,
A. Oláh, T. Radovits, B. Merkely, N. Ács, G. Nádas, S. Várbiro
Budapest, HUNGARY

5 / 3 COFFEE INTAKE AND BLOOD PRESSURE

L. Fan, H.M. Zhang, J. Cai
Beijing, CHINA

5 / 4 THE ROLE OF SMS REMINDERS TO REDUCE SOCIAL EXCLUSION BY INCREASING ADHERENCE IN OLDER HYPERTENSIVE PATIENTS

M. Leppée, I. Prga, I. Radman, I. Kummer

Zagreb, CROATIA

5 / 5 TREATMENT COMPLIANCE AND COMPLICATIONS: CLINICAL ASSESSMENT OF HYPERTENSIVE PATIENTS IN JODHPUR, INDIA

J.K. Meena¹, N. Rustagi²

¹ Udaipur, ² Jodhpur, INDIA

5 / 6 VALIDATION OF THE IHEALTH AMBULATORY BLOOD PRESSURE MONITOR IN ADULTS ACCORDING TO THE ANSI/AAMI/ISO 2013 STANDARD

A. Kollias, A. Ntineri, K. Kyriakoulis, E. Stambolliu, G.S. Stergiou

Athens, GREECE

5 / 7 USE OF THE EVALOBS® ADHERENCE SCALE IN AN UNSELECTED FRENCH POPULATION OF TREATED SUBJECTS WITH ANTIHYPERTENSIVE, STATINS OR ORAL ANTIDIABETICS MEDICATIONS: THE FLAHS 2017 STUDY

X. Girerd, O. Hanon, B. Pannier, B. Vaisse

Paris, FRANCE

5 / 8 INFLUENCE OF PCSK9 INHIBITION ON THE STABILIZATION OF ATHEROSCLEROTIC PLAQUE DETERMINED BY BIOCHEMICAL METHODS AND MAGNETIC RESONANCE IMAGING

M. Basiak, M. Konopka, M. Dziubinska-Basiak, L. Buldak, B. Okopien

Katowice, POLAND

5 / 9 INCREASED CLINIC EFFICIENCY AND DECREASED BLOOD PRESSURE WITH A NOVEL HYPERTENSION MANAGEMENT MODEL OF CARE IN A WEST AFRICA

I. Owusu¹, F. Adomako-Boateng¹, F. Kueffer², M. Guy², C. Lang'at², T. Whitman²,

K. Holloman², D. Hettrick², K. Opare-Sem¹, G. Lazarus²

¹ Kumsai, GHANA, ² Minneapolis, MN, USA

5 / 10 PHARMACIST INTERVENTION IN HYPERTENSION. PHYSICIAN-PHARMACIST COLLABORATIVE PROJECT OF THE CROATIAN SOCIETY OF HYPERTENSION (PHY-PHA-COLL-CRO)

A. Jelakovic, M. Brozovic, Z. Dobrincic, V. Domislovic, K. Djapic, N. Lugovic, M. Mrsic,

M. Radovic, O. Velkovski Skopic, B. Jelakovic

Zagreb, CROATIA

5 / 11 RECENTLY DIAGNOSED SEVERE HIGH BLOOD PRESSURE IN A SUB-SAHARAN COUNTRY: EPIDEMIOLOGICAL, CLINICAL, THERAPEUTIC, EVALUATIVE ASPECTS AND FACTORS OF ADHERENCE TO THE TREATMENT

C. Ngongang Ouankou¹, L.O. Chendjou Kapi¹, A.P. Kengne², K. Ngu Blackett¹,

M. Azabji Kenfack¹, F.-J. Kaze¹, W.L. Tsambang¹, M.D. Ouankou¹, L. Kuate Mfeukeu¹

¹ Yaoundé, CAMEROON, ² Cape Town, SOUTH AFRICA

5 / 12 IMPACT OF SHORT-TERM EXERCISE TRAINING ON ARTERIAL BLOOD PRESSURE AND QT DISPERSION IN DIABETIC PATIENTS AFTER MYOCARDIAL INFARCTION

V. Stoickov, M. Deljanin Ilic, M. Stoickov, S. Saric, D. Simonovic, D. Marinkovic, I. Stoickov, S. Andonov, S. Mitic
Niš, SERBIA

5 / 13 CPET – GUIDED EXERCISE PROGRAM FOR PATIENTS WITH HYPERTROPHIC CARDIOMYOPATY

I. Gruev, V. Velchev, D. Raev
Sofia, BULGARIA

5 / 14 CARDIAC STRESS DURING SAUNA APPLICATION CORRESPONDS WITH CARDIAC RESPONSES DURING MODERATE EXERCISE

S.K. Ketelhut¹, R.G. Ketelhut²
¹ Halle (Saale), ² Berlin, GERMANY

5 / 15 CORRELATION BETWEEN PROPER NUTRITION AND LIFESTYLE WITH HYPERTENSION

D. Utebaliyeva, T. Leonovich, Z. Mamedgulyeva, M.K. Tundybayeva, G. Junusbekova, S.P. Berkinbayev, R. Myrzasheva
Almaty, KAZAKHSTAN

5 / 16 ARTERIAL HYPERTENSION MANAGEMENT IN SERBIA

R. Zivkovic, N. Kostic
Belgrade, SERBIA

5 / 17 MUSIC THERAPY AS PART OF THE TREATMENT OF HYPERTENSIVE PATIENTS: CONTRIBUTING TO HEALTH EDUCATION

C. Zanini, A.L. Sousa, D. Teixeira, P.C. Veiga Jardim, D. Pereira, B. Vilela
Goiania, BRAZIL

5 / 18 ARTERIAL STIFFNESS, CENTRAL BLOOD PRESSURE, AND CARDIAC BIOMARKERS ANALYSIS DURING LONG-TERM WALKERS

P. Vitorino, W. Sousa, M. Euzebio, A.L. Sousa, T.V. Jardim, P.C. Veiga Jardim, W. Sebba-Barroso
Goiania, BRAZIL

5 / 19 BUNGEE VERSUS RUNNING: ELECTROLYTES, METABOLISM AND BLOOD PRESSURE VALUES

K. Kisters¹, M. Moser², A. Kastner², S. Opresnik³, M. Walzl⁴, C. Tiesenhausen⁴, S. Porta^{2,3}
¹ Herne, GERMANY, ² Wiener Neustadt, ³ Fernitz-Mellach, ⁴ Graz, AUSTRIA

5 / 20 TIME COURSE OF BODY WEIGHT REDUCTION IN ELDERLY OVERWEIGHT OUTPATIENTS MOTIVATED THROUGH EMPATHETIC REINFORCEMENT

T. Marotta, A. De Mitri
Naples, ITALY

Posters' Session PS25

BLOOD PRESSURE MEASUREMENT AND VARIABILITY

Chairperson: J. Blacher (*Paris, FRANCE*)

ROOM **6** POSTERS FROM **1** TO **34**

6 / 1 BLOOD PRESSURE AND HEART RATE VARIABILITY IN ERECTILE DYSFUNCTION

S. Pantou, C. Vlachopoulos, D. Terentes-Printzios, A. Angelis, N. Ioakeimidis, V. Gardikioti, G. Christopoulou, E. Sigala, L. Korogiannis, K. Gini, D. Tousoulis
Athens, GREECE

6 / 2 CHANGES IN PARAMETERS OF ARTERIAL STIFFNESS WITH POSTURE IN HYPERTENSIVE PATIENTS WITH AND WITHOUT ANTI-HYPERTENSIVE TREATMENT

A.A. Sule¹, A.B. Cesar¹, Z.A. Azhar²
¹ *Singapore, SINGAPORE*, ² *Melbourne, AUSTRALIA*

6 / 3 POSTPRANDIAL HYPOTENSION, IS IT REAL? THE PRELIMINARY RESULTS OF A PILOT STUDY

J.-H. Lee, K. Hwang, M. Cho
Cheongju, SOUTH KOREA

6 / 4 COMPARISON OF INVASIVE INTRA ARTERIAL BLOOD PRESSURE MEASUREMENT WITH AUSCULTATORY OF OSCILLOMETRIC MEASUREMENT IN PATIENTS WITH ACUTE HEART FAILURE OR AFTER CARDIAC ARREST

J. Seidlerová, M. Hromádka, P. Tumová, R. Rokyta
Pilsen, CZECH REPUBLIC

6 / 5 SELF-MONITORING IS NOT JUST FOR A STUDY, SELF-MONITORING IS FOR LIFE: ANALYSIS OF PATIENT LIKELIHOOD TO CONTINUE SELF-MONITORING FOLLOWING A HYPERTENSION SELF-MANAGEMENT STUDY

C. Schwartz¹, C. Koshiraris¹, E. Bray², S. Greenfield³, M. Haque³, R. Hobbs¹, P. Little⁴, J. Mant⁵, B. Williams⁶, R. McManus¹
¹ *Oxford*, ² *Preston*, ³ *Birmingham*, ⁴ *Southampton*, ⁵ *Cambridge*, ⁶ *London, UNITED KINGDOM*

6 / 6 24-HOUR CENTRAL BLOOD PRESSURE PROFILE IN TYPE 1 DIABETICS

P. Jankowski, P. Kusak, A. Bednarek, T. Klupa, M. Malecki, A. Windak, D. Czarnecka
Kracow, POLAND

6 / 7 HYDRA: A WEB SYSTEM FOR THE ANALYSIS, DIAGNOSIS AND TREATMENT OF CARDIOVASCULAR DISEASES

A. Hermida Ameijeiras¹, M. Ortega², J.E. Lopez Paz¹, J. Novo², N. Barreira², M.G. Penedo², C. Calvo Gomez¹
¹ *Santiago de Compostela*, ² *A Coruña, SPAIN*

6 / 8 RISK OF STROKE IN NORMOTENSIVES PATIENTS, BEYOND THE BLOOD PRESSURE TARGET

D.E. Ouail, M. Tebbani, O. Terra, L. Benzaid, D. Si Ahmed, F. Bouali
Bejaia, ALGERIA

6 / 9 FIRST RESULTS OF THE COMPARISON OF A CUFFLESS 24 HOUR BLOOD PRESSURE MEASUREMENT DEVICE WITH A CUFF-BASED STANDARD DEVICE IN A REAL LIFE SETTING

P. Krisai, A. Vischer, A. Meienberg, M. Mayr, T. Burkard
Basel, SWITZERLAND

6 / 10 REPRODUCIBILITY OF BLOOD PRESSURE PHENOTYPES BY MEANS OF AMBULATORY BLOOD PRESSURE MONITORING

A. Lykka, K. Manousopoulos, F. Michas, E. Koroboki, A. Dimitriou, N. Zakopoulos, E. Manios
Athens, GREECE

6 / 11 PERIOPERATIVE ANAESTHESIA MANAGEMENT AND OUTCOMES IN PATIENTS WITH PRE INDUCTION HYPERTENSION FOR ELECTIVE CANCER SURGERY

M. Shetmahajan, D. Kagne
Mumbai, INDIA

6 / 12 THE STUDY OF MODERN APPROACHES TO THE THERAPY OF PATIENTS WITH ASSOCIATED ARTERIAL HYPERTENSION AND BRONCHIAL ASTHMA

Å. Odegova¹, T. Chudinovskich¹, E. Tarlovskaya²
¹ Kirov, ² Nizhny Novgorod, RUSSIA

6 / 13 A HEART BREAKING DIAGNOSIS

P. Pessanha¹, H. Cordeiro¹, S. Florim², R. Mendonça e Moura¹
¹ Porto, ² Vila Nova de Gaia, PORTUGAL

6 / 14 VALIDATION OF THE KNOWLEDGE OF AMBULATORY BLOOD PRESSURE MONITORING (KABPM) QUESTIONNAIRE

A. Dalfó Pibernat¹, S. Martín Miralles¹, X. Duran Jordà¹, O. Garin¹, A. Dalfó Baqué¹, M. Cladellas Capdevila¹, J. Comin Colet²
¹ Barcelona, ² Hospitalet de Llobregat, SPAIN

6 / 15 CHANGES IN PARAMETERS OF ARTERIAL STIFFNESS WITH POSTURE IN HYPERTENSIVE PATIENTS ON ANTI-HYPERTENSIVE TREATMENT

A.A. Sule¹, Z.A. Azhar², A.B. Cesar¹
¹ Singapore, SINGAPORE, ² Melbourne, AUSTRALIA

6 / 16 DRUG UTILIZATION STUDY FOR AZILSARTAN MEDOXOMIL IN GERMANY

B. Ehlken¹, M. Schlaen¹, M.P. Lopez Fuensalida Torres², M. Hisada³, D. Bennett⁴
¹ Munich, ² Frankfurt/Main, GERMANY, ³ Deerfield, IL, ⁴ Boston, MA, USA

6 / 17 PROGNOSIS OF HYPERTENSION ON MALE PATIENTS WITH LUPUS NEPHRITIS

M. Kharroubi, R. Aouidia, H. Gaid, M. Jerbi, H. Kaaroud, H. Hedri, F. Ben Hmida, R. Goucha, T. Ben Abdallah
Tunis, TUNISIA

6 / 18 REPRODUCIBILITY OF BLOOD PRESSURE VARIABILITY INDICES IN NORMOTENSIVE AND HYPERTENSIVE SUBJECTS

A. Lykka, K. Manousopoulos, F. Michas, E. Koroboki, A. Dimitriou, N. Zakopoulos, E. Manios
Athens, GREECE

6 / 19 HOW WE CAN TRUST MEASURES OF BPV SINCE IT IS VALUE IS SO VARIABLE ITSELF?

E. Strocchi, M. Mastini, M. Rosticci, C. Borghi
Bologna, ITALY

6 / 20 SEASONAL CHANGES OF THE CIRCADIAN BLOOD PRESSURE RHYTHM IN HYPERTENSIVE PATIENTS

V. Gorbunov, M. Smirnova, D. Volkov, Y. Koshelyaevskaya, A.D. Deev, S. Boytsov
Moscow, RUSSIA

6 / 21 ARTERIAL HYPERTENSION IN REMOTE PERIOD AFTER MYOCARDIAL INFARCTION AND ISCHEMIC STROKE: QUALITY OF CONTROL, ASSOCIATION WITH OTHER RISK FACTORS

M. Pavelko, R. Zubyk, N. Belikova, S. Indyka, O. Yakovenko, I. Sichkaruk, A. Yagensky
Lutsk, UKRAINE

6 / 22 CORRELATION OF OBSTRUCTIVE SLEEP APNOEA AND ARTERIAL STIFFNESS AS CARDIOLOGIC RISK FACTORS

S. Paffer Filho
Recife, BRAZIL

6 / 23 COMPARISON OF NON-INVASIVE CENTRAL BLOOD PRESSURE MEASUREMENTS WITH PERIPHERAL BLOOD PRESSURE MEASUREMENTS IN THE DIAGNOSTIC, PROGNOSTIC AND THERAPEUTIC AREAS. SYSTEMATIC REVIEW

P. Botti, A. Elias
Toulon, FRANCE

6 / 24 BLOOD PRESSURE CHRONOSTRUCTURE IN ANGIOTENSIN CONVERTING ENZYME INHIBITOR THERAPY

L. Gapon, E. Semukhina
Tomsk, RUSSIA

6 / 25 AMBULATORY BLOOD PRESSURE VARIABILITY- THE HIGHER THE WORST?

A. Magdás, A. Varga, C. Podoleanu, A. Tusa, A. Incze, G. Csiki
Targu Mures, ROMANIA

6 / 26 AUTOMATED OFFICE BLOOD PRESSURE (AOBP) IS LOWER THAN OFFICE BLOOD PRESSURE (OBP) BUT HOW IT COMPARES WITH AMBULATORY BLOOD PRESSURE MEASURES (ABPM)?

E. Strocchi, M. Mastini, M. Rosticci, C. Borghi
Bologna, ITALY

6 / 27 ASSESSMENT OF ARTERIAL STIFFNESS IN CLINICAL PRACTICE: REPORT OF A DATA BANK OF 150 PATIENTS AT A PRIVATE HYPERTENSION CLINIC

S. Paffer Filho
Recife, BRAZIL

6 / 28 PREVALENCE OF LIPOPROTEIN (A) AND LIPID ABNORMALITIES IN SUBJECTS WITH NEWLY DETECTED HYPERTENSION AND THEIR ASSOCIATION WITH SEVERITY OF DISEASE

S.K. Mahto, P.K. Gupta, A.K. Gadpayle, A. Chitkara, A. Sheoran, A.M. Balakrishna
New Delhi, INDIA

6 / 29 SERUM VITAMIN D LEVEL IN PATIENTS WITH ESSENTIAL HYPERTENSION

I. Samiullah
Burewala, PAKISTAN

6 / 30 REAL HAKIRI. SAGLIKER EFFECT. HYPERTENSIONOLOGIST HYPERTENSION. AMBULATORY BLOOD PRESSURE MONITORING OF DOCTORS. COMBINATION OF REVERSE WHITE COAT AND PHYSICAL EXERCISE EFFECTS

Y. Sagliker, N. Paylar, C. Sagliker, H. Sagliker, P. Sagliker Ozkaynak, T. Inal, P. Kolasin
Adana, TURKEY

6 / 31 AMBULATORY BLOOD PRESSURE MONITORING AND THE ACCURACY OF DIFFERENT FORMULAS IN ESTIMATING SALT INTAKE IN CHINESE CHILDREN AND ADOLESCENTS

J. Dong, J. Mi
Beijing, CHINA

6 / 32 HYPERTENSION IN RENAL TRANSPLANT PATIENTS: ROLE OF AMBULATORY BLOOD PRESSURE MONITORING

M. Mars, S. Yaich, Y. Elaouer, M. Masmoudi, K. Kammoun, H. Chaker, M. Ben Hmida, F. Jarraya, K. Charfeddine, J. Hachicha
Sfax, TUNISIA

6 / 33 BLOOD PRESSURE CHANGES DURING MAXILLOFACIAL SURGERY

I. Mozos, H. Urechescu, C. Pricop, A. Banu, I. Vekic, M. Pricop
Timisoara, ROMANIA

6 / 34 EFFICACY OF EPROSARTAN AND RAMIPRIL ON BLOOD PRESSURE VARIABILITY, LV REMODELING AND INSULIN RESISTANCE IN ESSENTIAL HYPERTENSION

N. Sapojnic¹, A. Caraush¹, M. Caraush², C. Roibu¹
¹Chisinau, MOLDOVA, ²Iasi, ROMANIA

Posters' Session PS26

KIDNEY AND RAAS, ENDOCRINE HYPERTENSION

Chairperson: V.S. Ram (*Hyderabad, INDIA*)

ROOM **7** POSTERS FROM **1** TO **26**

7 / 1 SODIUM INDIVIDUALIZATION IN THE HEMODIALYSIS BATH: IMPACT ON BLOOD PRESSURE CONTROL, INTERDIALYTIC WEIGHT GAIN AND QUALITY OF LIFE

F. Almeida, R. Sano, R. Santos, R. Silva, R. D'Avila
Sorocaba, BRAZIL

7 / 2 VASCULAR STIFFNESS IN TRUE RESISTANT HYPERTENSIVE PATIENTS AFTER RENAL DENERVATION: DOES PLASMA ALDOSTERONE MATTER?

N. Avdonina, M. Ionov, S. Mironova, Y. Yudina, I. Emelyanov, D. Zverev, E. Kitaeva, N. Zvartau, A. Konradi
Saint Petersburg, RUSSIA

7 / 3 MEN 2A SYNDROME – A SURPRISING CAUSE FOR SECONDARY HYPERTENSION

R. Mihalcea, C. Homentcovschi, O. Naidin, C. Nicolita, R. Siliste, R. Ciomag
Bucharest, ROMANIA

7 / 4 DOES ELEVATED ALDOSTERONE IN OBSTRUCTIVE SLEEP APNOEA REPRESS SURFACTANT PROTEIN-B IN MIDDLE-AGED MALES? A CROSS-SECTIONAL STUDY

A. Abulimiti, N. Li, Q. Luo
Urumqi, CHINA

7 / 5 ALBUMIN-TO-CREATININE RATIO AND SUBCLINICAL ORGAN DAMAGE IN HYPERTENSIVES

V. Gardikioti, C. Vlachopoulos, D. Terentes-Printzios, E. Sigala, S. Pantou, N. Ioakeimidis, K. Aznaouridis, P. Mitropoulou, G. Christopoulou, D. Tousoulis
Athens, GREECE

7 / 6 A NOVEL REGULATORY EFFECT OF AT1 RECEPTOR-INTERACTING MOLECULE ON VASCULAR SMOOTH MUSCLE CELLS

K. Azuma¹, T. Taira², K. Tamura²
¹ Sagamihara, ² Yokohama, JAPAN

7 / 7 ELEVATED BLOOD PRESSURE IS THE MOST COMMON TRIGGER FACTOR OF POSTERIOR REVERSIBLE ENCEPHALOPATHY SYNDROME IN PATIENTS WITH CHRONIC KIDNEY DISEASE

M.-J. Kim, J. Song, S. Lee
Incheon City, SOUTH KOREA

7 / 8 CIRCADIAN VARIATION OF AORTIC AND BRACHIAL BLOOD PRESSURE IN PERITONEAL DIALYSIS PATIENTS

V. Vaios, P. Georgianos, G. Vareta, A. Papagianni, P. Zebekakis, V. Liakopoulos
Thessaloniki, GREECE

7 / 9 PRIMARY ALDOSTERONISM IN YOUNG PATIENT WITH RECURRENT RESISTANT HYPERTENSION AFTER SOLITARY ADRENAL ADENOMA SURGICAL RESECTION

M. Gavra¹, H. Vasiliadi¹, M. Chertsougk², E. Manou¹, D. Ravanis¹, G. Tzatzagou¹

¹Thessaloniki, ²Chalkidiki, GREECE

7 / 10 HYPERTENSION IN THE CONTEXT OF CUSHING'S SYNDROME - INCIDENCE, SEVERITY AND TREATMENT STRATEGIES ACCORDING TO THE DATA FROM THE BULGARIAN ELECTRONIC DATABASE

A. Nankova, A. Elenkova, D. Tcharaktchiev, S. Zaharieva

Sofia, BULGARIA

7 / 11 RESISTANT HYPERTENSION IN MOOD DISORDERS AND SLEEP DISTURBANCES: FROM THE THEORY TO THE PRACTICE

A. Mazza, A. Armigliato, A.P. Sacco, L. Schiavon, D. Rubello

Rovigo, ITALY

7 / 12 ASSESSMENT OF LEFT VENTRICULAR FUNCTION BY GLOBAL LONGITUDINAL STRAIN IN PATIENTS WITH PRIMARY ALDOSTERONISM AND ESSENTIAL HYPERTENSION

R. Holaj, J. Kvasnicka, J. Rosa, O. Petrák, B. Strauch, T. Zelinka, J. Widimský

Prague, CZECH REPUBLIC

7 / 13 THE OUTCOME COMPARISONS OF PATIENTS WITH PRIMARY ALDOSTERONISM AND RESISTANT HYPERTENSION AFTER ADRENALECTOMY OR MEDICAL TREATMENT

H. Lu, M. Li, J. Zhang, X. Lu, X. Tang, J. Xu, W. Niu, P. Gao, J. Wang, L. Zhu

Shanghai, CHINA

7 / 14 CHANGES OF BLOOD PRESSURE DURING ORTHOSTATISM AND ITS HEMODYNAMIC PROFILE IN PATIENTS IN DIALYSIS

M.A. Schiavone, C. Castellaro, M. Biain, M. Magenta, G. Laham, C. Calegari, C. Diaz,

F. Speranzoni, J. Montagnana, J.C. Pereira Redondo

Buenos Aires, ARGENTINA

7 / 15 HYPERTENSION IN PRIMARY GLOMERULONEPHRITIS - REPORT FROM THE CROATIAN REFERRAL CENTRE FOR GLOMERULAR DISEASES

L. Gellineo, S. Bulimbašić, M. Čorić, Z. Dika, A. Jelaković, S. Karanović, L. Katalinić,

T. Knežević, M. Laganović, V. Premužić, I. Vuković Brinar, T. Željковиć Vrkić, B. Jelaković

Zagreb, CROATIA

7 / 16 BLOOD PRESSURE BALANCE IN CHRONIC KIDNEY DISEASE

M. Mars, K. Kammoun, R. Guesmi, H. Chaker, H. Mahfoudh, Y. Chaabouni, S. Yaich,

M. Kharrat, M. Ben Hmida, F. Jarraya, J. Hachicha

Sfax, TUNISIA

7 / 17 INSULINE RESISTANCE AND CHRONIC RENAL DISEASE IN A HYPERTENSIVE POPULATION

L. Vigil, R. Garcia Carretero, C. Rodriguez Castro, A. Colas, B. Vargas, M. Lopez Jimenez, M. Varela
Móstoles, SPAIN

7 / 18 PROGNOSTIC SIGNIFICANCE OF DIFFERENT BLOOD PRESSURE MEASUREMENT METHODS IN KIDNEY TRANSPLANT RECIPIENTS

Z. Kendi Celebi, S. Kutlay, S. Turhan, S. Erturk, K. Keven, S. Sengul
Ankara, TURKEY

7 / 19 GENETIC VARIATION IN THE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM AND RENAL SURVIVAL IN JAPANESE PATIENTS WITH DIABETIC NEPHROPATHY

Y. Makino, T. Konoshita, M. Fujii
Eiheiji, JAPAN

7 / 20 VALUE OF PLASMA RENIN ACTIVITY CHANGES WITH DIFFERENT POSTURE ON IDENTIFICATION OF PRIMARY ALDOSTERONISM

M. Wang, Q. Luo, N. Li
Urumqi, CHINA

7 / 21 CLINICAL CHARACTERISTICS AND FOLLOW-UP OUTCOME OF 104 HYPERTENSION PATIENTS WITH SYSTEMIC VASCULITIDES

Q. Zhu, N. Li
Urumqi, CHINA

7 / 22 UNILATERAL STENTING OF RENAL ARTERY STENOSIS IN A PATIENT UNDERGOING HEMODIALYSIS TREATMENT IMPROVES RENAL FUNCTION AND DECREASES BLOOD PRESSURE – EIGHT YEARS LONG-TERM RESULTS

C.L. Neumann, E.G. Schulz
Göttingen, GERMANY

7 / 23 THE ANGIOTENSIN-(1-7) LEVELS IN PATIENTS WITH HYPERTENSION WITH AND WITHOUT TYPE 2 DIABETES MELLITUS

S. Koval, K. Yushko, I. Snihurska, T. Starchenko, D. Miloslavskiy
Kharkiv, UKRAINE

7 / 24 RENOVASCULAR HYPERTENSION: OUR EXPERIENCE

M. Malki Abidi, S. Barbouch, N. Cherni, F. Ben Hmida, A. Harzallah, T. Ben Abdallah
Tunis, TUNISIA

7 / 25 ALTERED HRT AND ABPM IN MENOPAUSAL WOMAN

M. Stojanovic¹, M. Ivovic¹, M. Tancic¹, M. Miletic¹, L. Marina¹, Z. Arizanovic¹, S. Vujovic¹, M. Stojkovic¹, B. Beleslin¹, J. Ciric¹, M. Zarkovic¹, V. Stojanov¹, N. Radivojevic¹, M. Marjanovic¹, L. Lukic¹, D. Lovic², B. Parapid¹
¹ Belgrade, ² Niš, SERBIA

7 / 26 HYPERTENSIVE EMERGENCY IN A DIALYSIS PATIENT

K. Zerva, D. Papadopoulos, G. Anastasiadis, E. Sanidas, C. Melexopoulou, J. Boletis,
J. Barbetseas
Athens, GREECE

Posters' Session PS27

METABOLIC DISORDERS AND SLEEP APNOEA

Chairperson: V. Pallarés Carratalá (*Castellón, SPAIN*) ROOM **8** POSTERS FROM **1** TO **22**

8 / 1 HIGH FAT DIET DOWNREGULATES REGULATORY T CELLS IN THE MYOCARDIUM OF SPONTANEOUS HYPERTENSIVE RATS

S.-H. Ihm, S. Hong, K. Chang
Seoul, SOUTH KOREA

8 / 2 THE PROGNOSTIC VALUE OF ARTERIAL STIFFNESS AT HYPERTENSIVE PATIENTS WITH OR WITHOUT DIABETES MELLITUS

A. Gavrilă
Craiova, ROMANIA

8 / 3 DOES THE PRESENCE OF ARTERIAL HYPERTENSION INFLUENCE THE PRESCRIPTION OF ANTIPLATELET DRUGS IN PATIENTS WITH TYPE 2 DIABETES MELLITUS?

C. Diaconu¹, M. Gaman¹, E. Dobrica¹, M. Cozma¹, G. Dediu¹, A. Gaman², A. Arsene¹,
C. Dragoi¹, A. Nicolae¹, B. Velescu¹, B. Paraschiv¹, R. Tincu¹, M. Iancu¹
¹Bucharest, ²Craiova, ROMANIA

8 / 4 THE POSSIBLE RELATIONSHIP BETWEEN AIRWAY RESISTANCE AND SURFACTANT PROTEIN IN OBSTRUCTIVE SLEEP APNOEA. A COMPLEMENTARY STUDY

N. Li, X. Li, X. Yao, L. Shao, M. Heizhati, Y. Wang
Urumqi, CHINA

8 / 5 EFFECT OF ANTIHYPERTENSIVE THERAPY ON PSYCHOLOGICAL AND COGNITIVE STATUS IN PATIENTS WITH ARTERIAL HYPERTENSION, OBESITY AND OBSTRUCTIVE SLEEP APNOEA

E. Elfimova, A. Litvin
Moscow, RUSSIA

8 / 6 CARDIOVASCULAR AUTONOMIC NEUROPATHY IN HYPERTENSIVE PATIENT WITH PREDIABETES

G.D.S. Sitorus, M. Pangaribuan, I. Ismugi, R. Soerarlo, N. Hersunarti, B. Siswanto
Jakarta, INDONESIA

8 / 7 BETABLOCKERS' PRESCRIPTION PATTERNS IN PATIENTS WITH TYPE 2 DIABETES MELLITUS AND CARDIOVASCULAR COMORBIDITIES

C. Diaconu¹, M. Gaman¹, E. Dobrica¹, M. Cozma¹, G. Dediu¹, A. Gaman², A. Arsene¹, A. Nicolae¹, C. Dragoi¹, B. Velescu¹, B. Paraschiv¹, R. Tincu¹, M. Iancu¹

¹ Bucharest, ² Craiova, ROMANIA

8 / 8 RELATIONSHIPS BETWEEN HYPERTENSION CONTINUOUS POSITIVE AIRWAY PRESSURE CARDIOVASCULAR EVENTS AND OBSTRUCTIVE SLEEP APNOEA IN GUADELOUPE (FRENCH WEST INDIES)

R. Billy Brissac¹, S. Phirai²

¹ Pointe-à-Pitre Cedex, ² Les Abymes, GUADALUPE

8 / 9 ISSUE ON ANGIOTENSIN RECEPTOR BLOCKER VALSARTAN AS APPLIED TO ARTERIAL HYPERTENSION PATIENTS WITH TYPE II DIABETES MELLITUS

Z. Musayev

Baku, AZERBAIJAN

8 / 10 MORTALITY IN DIABETIC PATIENTS IN ORTHOPEDIC SURGERY

A.M. Garrido Castro, P. Losada Mora, J.L. Carrillo Linares, M. Martin Velazquez, P. Garcia Frias, I. Ubiria Zanotti, M. Urbanska

Malaga, SPAIN

8 / 11 PREVALENCE OF DECOMPENSATED DIABETIC PATIENTS IN ORTHOPEDICAL SURGERY AREA

A.M. Garrido Castro, P. Losada Mora, J.L. Carrillo Linares, M. Martin Velazquez, P. Garcia Frias, I. Ubiria Zanotti, M. Urbanska

Malaga, SPAIN

8 / 12 ISOSORBIDE DINITRATE SPRAY FOR THE TREATMENT OF DIABETIC FOOT ULCERS: A DOUBLE-BLIND, RANDOMIZED, CLINICAL TRIAL

L. Garcia Benavides², L. Garcia Valdes¹, S. Pascoe Gonzalez¹, M. Mendez Del Villar², S. Totsuka Sutto¹, D. Hernandez Molina¹, J. Barajas Vega¹

¹ Guadalajara, ² Tonalá, MEXICO

8 / 13 A PROPOSAL OF RISK CLASSIFICATION FOR SYSTEMATIZATION OF CARE FOR PATIENTS WITH HYPERTENSION AND/OR DIABETES MELLITUS AT PRIMARY HEALTH CARE

F. Almeida, T. Camargo, M. Pavan, L. Sattin, M. Senger

Sorocaba, BRAZIL

8 / 14 APNOGRAPH – A PROMISING METHOD FOR DIAGNOSING SLEEP APNOEA

A. Kiss¹, A. Nagy¹, Z. Szakacs²

¹ Kecskemet, ² Budapest, HUNGARY

8 / 15 PREVENTION OF CARDIO-METABOLIC SYNDROME – CURRENT PERSPECTIVES IN RURAL DELHI, INDIA

C. Kohli, J. Kishore, N. Gupta, N. Kumar, N. Dahiya

New Delhi, INDIA

8 / 16 EFFECTS OF AZILSARTAN MEDOXOMIL THERAPY ON METABOLIC PARAMETERS IN PATIENTS WITH HYPERTENSION AND METABOLIC SYNDROME

N. Blinova, Y. Zhernakova, M. Azimova, I. Chazova
Moscow, RUSSIA

8 / 17 CHANGES OF PULSE WAVE VELOCITY AND THE EFFECTIVENESS OF BLOOD PRESSURE CONTROL IN PATIENTS WITH HYPERTENSION AND MORBID OBESITY AFTER BARIATRIC SURGERY

E. Kolesnik, T. Kolesnyk, R. Duka, H. Kosova, A. Nadiuk
Dnipro, UKRAINE

8 / 18 COMPARISON OF SEVERE OBSTRUCTIVE SLEEP APNOEA SYMPTOMS BETWEEN HYPERTENSIVE AND NORMOTENSIVE PATIENTS

F. Seguro, V. Bard, K. Sedkaoui, F. Ah-Kang, A. Didier, B. Duly
Toulouse, FRANCE

8 / 19 OBESITY IN BULGARIAN ADULTS

A. Nikolova, M. Milanova, K. Stoyanov
Sofia, BULGARIA

8 / 20 MORTALITY IN DIABETIC PATIENTS IN VASCULAR SURGERY

A.M. Garrido Castro, P. Losada Mora, J.L. Carrillo Linares, M. Martin Velazquez, P. Garcia Frias, I. Ubiria Zanotti, M. Urbanska
Malaga, SPAIN

8 / 21 DIFFERENTIATED APPROACH TO SARTANS' PRESCRIPTION ACCORDING TO THE LEVEL OF ENDOTHELIN-1 IN PATIENTS WITH ARTERIAL HYPERTENSION AND TYPE 2 DIABETES MELLITUS

O. Chernatska, N. Demikhova, T. Mazur, I. Forkert
Sumy, UKRAINE

8 / 22 SHORT-TERM EFFECTS OF A STANDARDIZED BEVERAGE FROM AQUEOUS EXTRACTS OF HIBISCUS SABDARIFFA AND STEVIA REBAUDIANA ON DIASTOLIC FUNCTION OF CAMEROONIANS WITH TYPE 2 DIABETES

C.N. Nganou-Gnindjio, C. Noubissi Nouno, L. Mfeukeu-Kuate, E. Nnanga Nga, E. Sobngwi Yaoundé, CAMEROON

Posters' Session PS28

LARGE ARTERIES AND MICROCIRCULATION

Chairperson: P. Boutouyrie (Paris, FRANCE)

ROOM **9** POSTERS FROM **1** TO **24**

9 / 1 THE RELATIONSHIP BETWEEN ENDOTHELIAL FUNCTION AND MICROVASCULAR REMODELLING

S. Masi¹, G. Georgiopoulos⁵, G. Grassi², G.L. Serravalle², C. Savoia³, S. Taddei¹, D. Rizzoni⁴, A. Virdis¹

¹ Pisa, ² Milan, ³ Rome, ⁴ Brescia, ITALY, ⁵ Athens, GREECE

9 / 2 SCREENING OF PERIPHERAL ARTERY DISEASE AMONG HYPERTENSIVE AND DIABETIC PATIENTS

L. Maroda, A. Koncz, T. Kobling, M. Zrinyi, M. Semjeni, E. Katona, S. Lengyel, D. Pall
Debrecen, HUNGARY

9 / 3 ASCENDING AORTA WALL DEFORMATION IN ESSENTIAL HYPERTENSIVE. A SPECKLE TRACKING IMAGING STUDY

M. Marketou, A. Patrianakos, S. Maragkoudakis, M. Vernardos, D. Lempidakis, J. Konstantinou, D. Vougia, J. Logakis, K. Fragkiadakis, G. Kochiadakis, F. Parthenakis
Heraklion, GREECE

9 / 4 PULSE WAVE VELOCITY PROGRESSION OVER A 3.7 YEARS FOLLOW-UP: FOCUS ON URIC ACID

A. Maloberti¹, P. Vallerio¹, L. D'Angelo¹, A. Luongo¹, E. Qalliu¹, M. Milani¹, G. Magni¹, J. Zanoni¹, M. Varrenti¹, L. Giupponi¹, P. Meani¹, B. Lopez Montero¹, M. Casati², S. Signorini³, G. Grassi¹, C. Giannattasio¹
¹ Milan, ² Monza, ³ Desio, ITALY

9 / 5 REFERENCE VALUES OF DIFFERENT PARAMETERS OF VASCULAR STRUCTURE AND FUNCTION IN CAUCASIAN POPULATION WITHOUT CARDIOVASCULAR DISEASES. EVA STUDY

M. Gomez-Sanchez, L. Gómez-Sanchez, R. Alonso-Domínguez, J. Gonzalez-Sanchez, C. Agudo-Conde, J. Recio-Rodriguez, C. Rodríguez-Martín, M. Patino-Alonso, N. Sanchez-Aguadero, C. Castaño-Sánchez, J. Maderuelo-Fernandez, E. Rodriguez-Sanchez, M. Gomez-Marcos, L. Garcia-Ortiz
Salamanca, SPAIN

9 / 6 SODIUM-SENSITIVE BLOOD PRESSURE RESPONSE IN TYPE 1 DIABETES IS ACCOMPANIED BY IMPEDED SKIN LYMPHANGIOGENESIS

E. Wenstedt, N.M.G. Rorije, R.H.G. Olde Engberink, B.J.H. Van Den Born, J. Aten, L. Vogt
Amsterdam, THE NETHERLANDS

9 / 7 THE EFFECTS OF NEBIVOLOL AND IRBESARTAN ON CENTRAL BLOOD PRESSURE AND ARTERIAL STIFFNESS PARAMETERS IN HEMODIALYSIS PATIENTS WITH INTRADIALYTIC HYPERTENSION

A. Bikos¹, C. Loutradis¹, E. Aggeloudi¹, A. Karpetas¹, V. Raptis², J. Alexiadis³, I. Balaskas¹, V. Liakopoulos¹, A. Papagianni¹, P.A. Sarafidis¹
¹ Thessaloniki, ² Katerini, ³ Alexandroupoli, GREECE

9 / 8 HIGHER MYOCARDIAL OXYGEN CONSUMPTION DURING SUBMAXIMAL EXERCISE IN SUBJECTS WITH ELEVATED PULSE WAVE VELOCITY

C. Lizenberg¹, R.G. Ketelhut², R.G. Ketelhut²
¹ Magdeburg, ² Berlin, GERMANY

9 / 9 SERUM CD146 LEVELS ARE INCREASED IN SYSTEMIC VASCULITIS

S. Liu, N. Li, B. Zhu
Urumqi, CHINA

9 / 10 INTER-ARM DIFFERENCE IN SYSTOLIC BLOOD PRESSURE AND ARTERIAL STIFFNESS

J.-H. Lee¹, K. Hwang¹, M. Cho¹, M.-Y. Rhee²

¹Cheongju, ²Goyang, SOUTH KOREA

9 / 11 REAL TIME ASSESSMENT OF MICROCIRCULATION IN HYPERTENSION USING LASER SPECKLE CONTRAST ANALYSIS

A. Lazaridis¹, E. Gkaliagkousi¹, N. Koletsos¹, B. Nikolaidou¹, P. Anyfanti¹, P. Dolgyras¹, A. Vamvakis¹, A. Triantafyllou¹, K. Dipla², S. Douma¹

¹Thessaloniki, ²Serres, GREECE

9 / 12 MACRO- AND MICROCIRCULATORY ABNORMALITIES OF VASCULAR WALL IN HYPERTENSIVE PATIENTS

A. Kvasnikov, V. Podzolkov, A. Bragina, N. Druzhinina, M. Pisarev, D. Bayutina, A. Murashko
Moscow, RUSSIA

9 / 13 APPLICATION OF LEUKOCYTIC AND PLATELET AGGREGATION, HEMOLYSATE-AGGREGATION TEST, PARAMETERS OF ERYTHROCYTES IN DIAGNOSIS OF BLEEDING RISKS IN PATIENTS WITH ARTERIAL HYPERTENSION

M. Kruchinina¹, A. Gromov¹, V. Generalov², V. Kruchinin¹

¹Novosibirsk, ²Koltsovo, RUSSIA

9 / 14 HIGH CAROTID RADIAL PULSE WAVE VELOCITY MAY BE CONNECTED TO LOWER QUALITY OF LIFE MEASURED BY SF-36 QUESTIONNAIRE

I. Kantola, J. Tervo, L. Koskio, J. Haijanen, H. Hermansson, T. Kantola, M. Merikari, P. Mäkelä, S. Rehunen, J. Varis
Turku, FINLAND

9 / 15 ARTERIAL STIFFNESS ASSESSMENT BY TONOMETRY IN PATIENTS WITH PHENYLKETONURIA

A. Hermida Ameijeiras, P. Sanchez Pintos, V. Crujeiras, J.E. Lopez Paz, M. Couce Pico, C. Calvo Gomez

Santiago de Compostela, SPAIN

9 / 16 METABOLIC PROFILE AND VASCULAR STIFFENING: RELATIONSHIPS IN MIDDLE-AGE NORMOTENSIVE PATIENTS

S.A. Gonzalez, J. Chiabaut Svane, P. Kempny, M. Schiavone, C. Castellaro
Pilar, ARGENTINA

9 / 17 CARDIO-ANKLE VASCULAR INDEX AND UNIVERSITY HEALTH CHECKUPS OF STUDENTS

M. Evseyeva, M. Eremin, E. Fursova, A. Rusidi, E. Shchetinin, M. Harchenko
Stavropol, RUSSIA

9 / 18 STRUCTURE AND FUNCTIONS OF MICROCIRCULATION IN CASE OF ARTERIAL HYPERTENSION

A. Vasiliev, N. Streltsova
Tyumen, RUSSIA

9 / 19 EVALUATION OF NOVEL CAROTID ARTERY REMODELING INDEXES IN PATIENTS WITH HYPERTENSION AND TYPE 2 DIABETES MELLITUS

N. Dovganych, S. Kozhukhov, O. Yarynkina, O. Bazyka, O. Starshova
Kiev, UKRAINE

9 / 20 ENDOTHELIAL FUNCTION IS ASSOCIATED WITH TRIPLE SIGNAL IN FIBROMUSCULAR DYSPLASIA: THE MEDYA STUDY

R.M. Bruno¹, L. Marais², H. Khettab², C. Boulanger², X. Jeunemaitre², P.-F. Plouin², S. Laurent², P. Boutouyrie², M. Azizi²
¹ Pisa, ITALY, ² Paris, FRANCE

9 / 21 DAY/NIGHT DIFFERENCES IN PARAMETERS OF VENTRICULAR EJECTION FROM OSCILLOMETRIC PULSE WAVE MEASUREMENTS

A. Bauer¹, B. Hametner¹, V. Dornberger², S. Wassertheurer¹, M. Dörr²
¹ Vienna, AUSTRIA, ² Greifswald, GERMANY

9 / 22 CARDIOVASCULAR RISK LOWERING THERAPY IS UNDERUTILIZED IN LOWER EXTREMITY ARTERY DISEASE PATIENTS TREATED FOR ACUTE MYOCARDIAL INFARCTION

V. Baracsi-Botos, V. Szoke, T. Palfi, K. Stampfel, Z. Jarai
Budapest, HUNGARY

9 / 23 SOME SITES OF INTIMATE MECHANISMS OF MYOCARDIAL ISCHEMIA IN MACRO AND MICROVASCULAR DYSFUNCTION: POSSIBLE ESTROGEN INDEPENDENT ACTIVATION OF ALFA- ESTROGEN RECEPTOR

S. Tsonev, I. Petrov, N. Zlatareva, T. Donova, M. Niyagolov
Sofia, BULGARIA

9 / 24 PARAMETERS DERIVED FROM RESERVOIR PRESSURE ANALYSIS INDEPENDENTLY PREDICT CARDIOVASCULAR EVENTS IN A MULTI-CENTRE STUDY OF INDIVIDUALS WITH TYPE 2 DIABETES

K. Aizawa¹, F. Casanova¹, D.M. Mawson¹, K.M. Gooding¹, W.D. Strain¹, P.E. Gates¹, G. Östling², J. Nilsson², F. Khan³, H.M. Colhoun⁴, C. Palombo⁶, K.H. Parker⁵, A.C. Shore¹, A.D. Hughes⁵
¹ Exeter, UNITED KINGDOM, ² Malmö, SWEDEN, ³ Dundee, ⁴ Edinburgh, ⁵ London, UNITED KINGDOM, ⁶ Pisa, ITALY

Late-Breaker Posters

SESSION 3

Chairperson: A.A. Brandão (*Rio de Janeiro, BRAZIL*) ROOM **2** POSTERS FROM **1** TO **28**

2 / 1 CARDIO ANKLE VASCULAR INDEX (CAVI) AS ARTERIAL STIFFNESS MARKER IN SUBJECTS WITH ANKYLOSING SPONDYLITIS

G. Alanis-Sanchez, D.I. Montes-Martinez, E. Arias-Merino, D. Castañeda-Zaragoza, D. Cardona-Muller, S. Totsuka-Sutto, C. Murguia-Soto, S. Cerpa-Cruz, K. Garcia-Osuna, E.G. Cardona Muñoz, F. Perez-Vazquez, C. Ramos-Becerra
Guadalajara, MEXICO

2 / 2 IMMEDIATE, SIGNIFICANT DECLINE IN CENTRAL AND PERIPHERAL BLOOD PRESSURE WITH CENTRAL ARTERIAL VENOUS ANASTOMOSIS

M. Saxena¹, P. Sobotka², P. Balmforth², A. Mathur¹, A. Jain¹, B. Rensing³, M. Lobo¹
¹London, UNITED KINGDOM, ²San Clemente, CA, USA, ³Nieuwegein, THE NETHERLANDS

2 / 3 PATHOPHYSIOLOGY OF HYPERTENSION: ASSESSMENT BY XENON-133 WASHOUT CURVES

S. Van Kraaij¹, D. Van Twist², B. Kroon³, P.W. de Leeuw³
¹Utrecht, ²Heerlen, ³Maastricht, THE NETHERLANDS

2 / 4 GLOMERULAR HYPERFILTRATION AS AN EARLY MARKER OF RENAL DYSFUNCTION IN MASKED HYPERTENSION

C.-S. Sheng, D.-Y. Zhang, Q.-H. Guo, Y.-B. Cheng, Q.-F. Huang, Y. Wang, J.-G. Wang, Y. Li
Shanghai, CHINA

2 / 5 HYPERTENSION AND KIDNEY DISEASE: EFFECT OF INTENSIVE BLOOD PRESSURE INTERVENTION

S. Rayamajhi, L. Wang, P. Dhakal, V. Atti, X. Ling, D. Wang
East Lansing, MI, USA

2 / 6 WITHDRAWAL OF ANGIOTENSIN ANTAGONISTS IN ELDERLY CHRONIC KIDNEY DISEASE PATIENTS

V. Petkov Stoyanov, M.C. Jimenez Herrero, M.J. Gutierrez Sanchez, J.A. Martin Navarro
Aranjuez, SPAIN

2 / 7 ADVANCED GLYCATION END-PRODUCTS, NUTRITION AND AORTIC STIFFNESS IN END-STAGE RENAL DISEASE

G. Vandal-Gélinas, R. Larivière, K. Marquis, F. Mac-Way, C. Fortier, V. Couture, M. Agharazii
Québec City, CANADA

2 / 8 PROBENECID PRETREATMENT DOWNREGULATES THE KIDNEY CL-/HCO₃-EXCHANGER (PENDRIN) AND POTENTIATES HYDROCHLOROTHIAZIDE-INDUCED DIURESIS

M. Soleimani, S. Barone, K. Zahedi, J. Xu
Cincinnati, OH, USA

2 / 9 PRELIMINARY ANALYSIS OF THE BELGIAN MULTICENTRIC COHORT OF PATIENTS WITH FIBROMUSCULAR DYSPLASIA (BEL-FMD)

S. Di Monaco^{1,9}, T. De Backer², P. Delmotte³, H. Heuten⁴, J.-M. Krzesinski⁵, J.-P. Lengelé^{1,6}, L. Toubiana⁸, P. Verhamme⁷, J.-C. Wautrecht¹, P. Van Der Niepen¹, A. Persu^{1,6}
¹ Brussels, ² Ghent, ³ Mons, ⁴ Antwerpen, ⁵ Liège, ⁶ Gilly, ⁷ Leuven, BELGIUM, ⁸ Paris, FRANCE, ⁹ Turin, ITALY

2 / 10 APPLICATION OF NEW HYPERTENSION GUIDELINES TO RENAL TRANSPLANT RECIPIENTS: IMPACT ON CARDIOVASCULAR OUTCOME AND GRAFT SURVIVAL

N. Pagonas^{1,2}, F.S. Seibert¹, F. Bauer¹, A. Doevelaar¹, T. Klein¹, N. Babel¹, R. Viebahn³, T. H. Westhoff¹
¹ Herne, ² Brandenburg, ³ Bochum, GERMANY

2 / 11 BLOOD PRESSURE CONTROL ANALYSIS IN PATIENTS WITH CHRONIC KIDNEY DISEASE, CONSERVATIVELY TREATED

A. Bazyluk, E. Zbroch
 Bialystok, POLAND

2 / 12 CHANGING ARTERIAL STIFFNESS GRADIENT BY NITROGLYCERIN AND ITS RELATION TO CENTRAL PRESSURE WAVE ANALYSIS

C. Fortier¹, B. Hametner², G. Vandal-Gelinas¹, K. Marquis¹, S. Wassertheurer², T. Weber³, F. Mac-Way¹, M.-P. Desjardins¹, M. Agharazii¹
¹ Québec City, CANADA, ² Vienna, ³ Wels, AUSTRIA

2 / 13 CAROTID-FEMORAL PULSE WAVE VELOCITY AND ITS ASSOCIATED RISK FACTORS IN TWO COMMUNITY-BASED COHORT STUDIES FROM CHINA AND SWEDEN

Q. Guo¹, I.F. Muhammad², Y. Borné², C. Sheng¹, M. Persson², J. Wang¹, G. Engström², Y. Li¹, P.M. Nilsson²
¹ Shanghai, CHINA, ² Malmö, SWEDEN

2 / 14 SUSTAINED POTENTIATION OF α 1-ADRENERGIC VASOCONSTRICTION BY SPHINGOSINE 1-PHOSPHATE

C.R. Panta¹, É. Ruisanchez¹, D. Móré¹, P. Dancs¹, A. Balogh¹, S. Offermanns², G. Tigyi³, Z. Benyó¹
¹ Budapest, HUNGARY, ² Bad Nauheim, GERMANY, ³ Memphis, TN, USA

2 / 15 FINGER-TOE PULSE WAVE VELOCITY (FTPWV) MEASURED BY POPMÈTRE® DEVICE IN PATIENTS WITH ANKYLOSING SPONDYLITIS

G. Alanis-Sanchez^{3,4}, M. Hallab², P. Boutouyrie¹, S. Laurent¹, H. Obeid¹, H. Khettab¹, D. Cardona-Müller³, D.I. Montes-Martinez³, C. Murguia-Soto³, D. Castañeda-Zaragoza³, E.G. Cardona Muñoz³, C. Ramos-Becerra^{1,3}
¹ Paris, ² Nantes, FRANCE, ³ Guadalajara, MEXICO, ⁴ Vancouver, CANADA

2 / 16 APPLICATION OF AN EXPERT SYSTEM TO IMPROVE CARDIOVASCULAR RISK IN THE WORKPLACE

L.M. Ruilope¹, L. Quevedo-Aguado¹, C. Fernández-Labandera¹, P. Martínez-Muñoz¹, C. Catalina-Romero¹, A. Fernández-Meseguer¹, M.-Á. Sánchez-Chaparro², P. Valdivielso-Felices², E. Calvo-Bonacho¹

¹ Madrid, ² Málaga, SPAIN

2 / 17 REGRESSION OF RETINAL MICROVASCULAR ALTERATIONS IN PATIENTS WITH RHEUMATOID ARTHRITIS TREATED WITH ABATACEPT, AN INHIBITOR OF LYMPHOCYTIC CO-STIMULATION

S. Caletti, S. Piantoni, C. De Ciuceis, M.A. Coschignano, C. Rossini, P. Airò, A. Tincani, C. Agabiti Rosei, R. Kumar, D. Rizzoni

Brescia, ITALY

2 / 18 ROSTAFUROXIN AMELIORATES THE INWARD REMODELING AND STIFFNESS IN RESISTANCE ARTERIES FROM DEOXYCORTICOSTERONE ACETATE-SALT HYPERTENSIVE RATS

F.M. Ishikawa, C. Tomazelli, G. Kruger Couto, L. Venturini Rossoni

São Paulo, BRAZIL

2 / 19 THE RELATIONSHIP OF GLUCOSE TOLERANCE TEST RESULTS WITH MAJOR CARDIOVASCULAR EVENTS AND NEUROPSYCHIATRIC DISORDERS BY MINI INTERNATIONAL NEUROPSYCHIATRIC INTERVIEW IN PRIMARY CARE

J. Peceliuniene¹, L. Kazlauskienė², I. Zukauskaitė¹, A. Norkus³, J. Butnorienė³

¹ Vilnius, ² Raseiniai, ³ Kaunas, LITHUANIA

2 / 20 THE INFLUENCE OF COCONUT MILK ON THE INTESTINAL STRUCTURE OF BALB/C MICE IMMUNIZED WITH COW'S MILK PROTEINS

Y. Benaissa, S. Addou, O. Kheroua, D.I. Saidi

Oran, ALGERIA

2 / 21 COLA BEVERAGE-INDUCED METABOLIC SYNDROME IS CHARACTERISED BY ALTERED LEVELS OF LEPTIN, GHRELIN AND OBESTATIN

M. Marusakova, K. Galkova, P. Krenek, J. Klimas

Bratislava, SLOVAK REPUBLIC

2 / 22 AT1 RECEPTOR BLOCKADE AND AT2 RECEPTOR STIMULATION EFFECT ON THE RAS PEPTIDE LEVELS IN THE PREVENTION AND TREATMENT OF EXPERIMENTAL AUTOIMMUNE MYOCARDITIS (EAM) IN MALE LEW

L. Paulis¹, R. Rajkovicova¹, O. Domenig², S. Trubacova¹, E. Kashina³, U. Kintcher³, T. Unger⁴, M. Steckelings⁵, M. Poglitsch², P. Schmerler³

¹ Bratislava, SLOVAK REPUBLIC, ² Vienna, AUSTRIA, ³ Berlin, GERMANY,

⁴ Maastricht, THE NETHERLANDS, ⁵ Odense, DENMARK

2 / 23 PREDICTORS OF BLOOD PRESSURE RESPONSE TO ANATOMICALLY OPTIMIZED DISTAL RENAL DENERVATION

S. Pekarskiy, A. Baev, V. Mordovin, T. Ripp, A. Falkovskaya, V. Lichikaki, E. Sitkova

Tomsk, RUSSIA

2 / 24 MULTIDISCIPLINARY CONSENSUS ON THE MANAGEMENT OF UNCONTROLLED HYPERTENSION IN INDIA

S. Es¹, S. Fulmali², R. Gopal Singh², G. Unni³, R. Padmanabhan⁴, B. Desai¹, S. Kumar Hiremath⁵, V. Jain⁶, S. Bhawal⁷, S. Gulati⁸, M. Shete¹, R. Nair⁹, S. Prakash⁸, B. Bhattacharya⁷, V. Kher⁸

¹ Mumbai, ² Varanasi, ³ Thrissur, ⁴ Chennai, ⁵ Bangalore, ⁶ Indore, ⁷ Kolkata, ⁸ New Delhi, ⁹ Ernakulam, INDIA

2 / 25 IS IT RESISTANT HYPERTENSION?

I. Pintassilgo, F. Abecasis, P. Beirao, C. Bekerman, V. Cunha

Almada, PORTUGAL

2 / 26 BENEFITS OF MINDFULNESS MEDITATION IN REDUCING BLOOD PRESSURE AND STRESS IN PATIENTS WITH ARTERIAL HYPERTENSION

P. Ponte, M. Castella, D. Filella, A. Feliu, L. Matas, J. Soler, M. Ruiz, M.J. Sole, M. Ferrero, M. Aguilera, A. Roca-Cusachs, J.A. Arroyo

Barcelona, SPAIN

2 / 27 BLOOD PRESSURE CONTROL AND ASSOCIATED FACTORS IN A REAL WORLD MULTIDISCIPLINARY TREATMENT CENTER

T. Veiga Jardim, A.L. Sousa, W. Sebba-Barroso, P.C. Jardim

Goiania, BRAZIL

2 / 28 BLOOD PRESSURE, HEMODYNAMICS AND RENAL SODIUM EXCRETION IN AFRICAN AND EUROPEAN MEN ON A HIGH SODIUM DIET

F.A. Karamat, G.A. van Montfrans, L.M. Brewster

Amsterdam, THE NETHERLANDS

Oral Presentations in Poster Area

COMPLICATIONS AND COMORBIDITIES

Chairpersons: M. Camafort (Barcelona, SPAIN),

TBD

ROOM **A**

NONALCOHOLIC STEATOHEPATITIS IN A HYPERTENSIVE POPULATION

L. Vigil, R. Garcia Carretero, C. Rodriguez Castro, A. Colas, B. Vargas, M. Lopez Jimenez, M. Varela

Móstoles, SPAIN

DYNAMICS OF CENTRAL HEMODYNAMICS PARAMETERS IN STEMI PATIENTS DEPENDING ON THE ACHIEVING THE TARGET LEVEL OF ATHEROGENIC LIPIDS WITH ATORVASTATIN THERAPY

A. Khromova, L. Salyamova, Y. Tomashevskaya, V. Oleynikov

Penza, RUSSIA

VALIDATION OF A BRACHIAL OSCILLOMETRY AND MODEL-BASED ESTIMATE OF STROKE VOLUME AGAINST MAGNETIC RESONANCE IMAGING

T. Weber¹, H. Feistritz², G. Klug², B. Hametner³, S. Wassertheurer³, B. Metzler²

¹Wels, ²Innsbruck, ³Vienna, AUSTRIA

VITAMIN D DEFICIENCY CAUSES INWARD HYPERTROPHIC REMODELING AND ALTERS VASCULAR REACTIVITY OF RAT CEREBRAL ARTERIOLES

E. Pal¹, L. Hadjadj¹, Z. Fontanyi¹, A. Monori-Kiss¹, Z. Mezei¹, N. Lippai², A. Magyar¹, A. Heinzlmann¹, G. Karvaly¹, E. Monos¹, G. Nadasy¹, Z. Benyo¹, S. Varbiro¹

¹Budapest, ²Szolnok, HUNGARY

EFFECT OF VITAMIN D DEFICIENCY IN AN ANIMAL MODEL OF POLYCYSTIC OVARY SYNDROME - IMPAIRED CORONARY RELAXATION DETECTED, AS A CARDIOVASCULAR RISK FACTOR

L. Hadjadj, E.M. Horvath, M. Török, A. Monori-Kiss, E. Pal, A. Novak, G.L. Nadassy, S. Varbiro
Budapest, HUNGARY

THE IMPACT OF EXAGGERATED BLOOD PRESSURE RESPONSE DURING TREADMILL EXERCISE TEST ON OUTCOME IN MODERATE TO SEVERE ASYMPTOMATIC AORTIC STENOSIS PATIENTS

S. Saeed¹, G. Mancia³, R. Rajani², S. Reinhard¹, D. Parkin², J. Chambers²

¹Bergen, NORWAY, ²London, UNITED KINGDOM, ³Milan, ITALY

Oral Presentations in Poster Area

DIAGNOSIS AND TREATMENT

Chairpersons: M. de Carvalho Rodrigues (*Lisbon, PORTUGAL*),
D. Rizzoni (*Brescia, ITALY*)

ROOM **B**

EFFICACY AND SAFETY OF LONG-ACTING NIFEDIPINE IN THE MANAGEMENT OF HYPERTENSION: A SYSTEMATIC LITERATURE REVIEW AND META-ANALYSIS

X. Zhang, L. Zeng, J. Zhang, Q. Yu, X. Xi, W. Zou
Chengdu, CHINA

COULD THE ADDITION OF STATINS TO ANTIHYPERTENSIVE MONOTHERAPY PROVIDE THE EFFECT OF COMBINATION TREATMENT IN HYPERTENSIVE PATIENTS WITH MODERATE RISK

D. Nebieridze, A. Safarian
Moscow, RUSSIA

BLOOD PRESSURE VARIABILITY AND CLINICAL CHARACTERISTICS OF PATIENTS HOSPITALIZED FOR ACUTE MYOCARDIAL INFARCTION

K. Konstantinou, K. Tsioufis, M. Mantzouranis, A. Koumelli, C. Fragoulis, N. Vogiatzakis, K. Dimitriadis, A. Kasiakogias, D. Tousoulis
Athens, GREECE

MMP-9 ACTIVITY DETERMINES THE EARLY RESPONSE TO TREATMENT WITH SPIRONOLACTONE IN RESISTANT HYPERTENSION

E. Rodríguez-Sánchez¹, J.A. Navarro-García¹, J. Aceves-Ripoll¹, G. Álvarez-Llamas¹, F. De La Cuesta², J. Segura¹, M.G. Barderas², L.M. Ruilope¹, G. Ruiz-Hurtado¹

¹ Madrid, ² Toledo, SPAIN

PREVALENCE AND CHARACTERISTICS OF RESISTANT HYPERTENSIVES IN A GREEK POPULATION

E. Andreadis, A. Georgantoni, C. Geladari, F. Savva, K. Apeiranthiti, E. Pantikidi, I. Papakonstantinou

Athens, GREECE

Oral Presentations in Poster Area

EPIDEMIOLOGY AND MANAGEMENT

Chairpersons: B. Jelakovic (*Zagreb, CROATIA*),

G.S. Stergiou (*Athens, GREECE*)

ROOM 

HIGH CARDIOVASCULAR RISK IN MILITARY VETERANS. CARDIOVASCULAR HEALTH IN CROATIAN VETERANS PROJECT. RESULTS OF THE PILOT STUDY

E. Catic Cuti¹, Z. Dika², L. Druzinec Hrsak¹, A. Jelakovic², M. Mikulec¹, F. Pozgaj¹, S. Roginic¹, N. Tolj Karaula¹, B. Jelakovic²

¹ Zabok, ² Zagreb, CROATIA

BLOOD PRESSURE PHENOTYPE AS A DETERMINANT OF AORTIC PULSE WAVE VELOCITY IN CHILDREN AND ADOLESCENTS. AN UPDATE OF THE PORT-VASPH COHORT

J. Maldonado, T. Pereira, J. Martins, M. Carvalho

Coimbra, PORTUGAL

RANDOMIZED STUDY OF THE ACUTE EFFECTS OF COCOA-RICH CHOCOLATE ON THE VASCULAR FUNCTION AND COGNITIVE PERFORMANCE OF YOUNG AND HEALTHY ADULTS

T. Pereira, C. Vieira, V. Pavlovskyy, J. Maldonado, J. Conde

Coimbra, PORTUGAL

EXAGGERATED EXERCISE BLOOD PRESSURE RESPONSE IS ACCOMPANIED BY SYMPATHETIC OVERDRIVE AND ARTERIAL STIFFNESS IN SUBJECTS WITH HIGH NORMAL BLOOD PRESSURE

T. Kalos, K. Tsioufis, K. Dimitriadis, D. Konstantinidis, M. Tambaki, I. Liatakis, E. Koutra, D. Tousoulis

Athens, GREECE

PHYSICAL ACTIVITY ACROSS THE WHOLE-OF-DAY AND VASCULAR STRUCTURE AND FUNCTION: THE PARIS PROSPECTIVE STUDY III

R. Climie, P. Boutouyrie, E.CHAussade, M. Plichart, L. Offredo, C. Guibout, F. Thomas,

B. Pannier, S. Laurent, X. Jouven, J.P. Empana

Paris, FRANCE

Oral Presentations in Poster Area

MECHANISMS OF HYPERTENSION

Chairpersons: E. Barbosa (*Porto Alegre, BRAZIL*),
M. Dorobantu (*Bucharest, ROMANIA*)

ROOM **D**

ENDOTHELIAL BENEFITS OF ANGIOTENSIN-(1-7) IN HUMAN OBESITY

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HYPERTENSION AND HEART FAILURE COMORBIDITY IN CENTENARIANS: A LONGITUDINAL COHORT STUDY ANALYZING CARDIOVASCULAR PHARMACOTHERAPY TRAJECTORIES IN THREE GROUPS OF VERY OLD PATIENTS

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EFFECTS OF SELECTIVE ESTROGEN RECEPTOR MODULATORS (SERMS) ON BLOOD PRESSURE: A META-ANALYSIS OF RANDOMIZED CLINICAL TRIALS

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SLEEP DISORDERED BREATHING IN RENAL TRANSPLANT PATIENTS: A LONGITUDINAL STUDY

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ASSOCIATION OF ASYMPTOMATIC TARGET ORGAN DAMAGES WITH SECRETED FRIZZLED RELATED PROTEIN 5 IN THE ELDERLY: THE NORTHERN SHANGHAI STUDY

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APPLICATION OF A NOVEL EQUILIBRIUM ANGIOTENSIN II ASSAY IN SCREENING AND CONFIRMATORY TESTING FOR PRIMARY ALDOSTERONISM: A PILOT STUDY

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