

E-POSTER



**35th European Meeting on Hypertension
and Cardiovascular Protection**

ESH Gdańsk
2026

INNOVATIONS
IN CARDIOMETABOLIC MANAGEMENT

MAY 28-31, 2026 — Gdańsk Amber Expo





MAY 29 – 17:45-19:00

TOTEM 1

E-POSTER SESSION - Award Session

Chairpersons: A. Belancic (Rijeka, CROATIA),
J. Brguljan (Ljubljana, SLOVENIA), I. Fejes (Szeged, HUNGARY),
A.H.J. Danser (Rotterdam, NETHERLANDS)

P.01.01 THE ASSOCIATION BETWEEN LACTATE DEHYDROGENASE AND CARDIAC AND CEREBROVASCULAR DISEASE IN HYPERTENSIVE PATIENTS

H. Wang, M. Heizhati, N. Li
Urumqi (CHINA)

P.01.02 HIGH SALT INTAKE ENHANCES THE REVERSIR-INDUCED RECOVERY OF BLOOD PRESSURE AFTER ANGIOTENSINOGEN SIRNA TREATMENT

E.O. Cruz Lopez⁽¹⁾, R. van Veghel⁽¹⁾, I.M. Garrelds⁽¹⁾, A. Kasper⁽²⁾,
K. Wassarman⁽²⁾, H.-C. Tu⁽²⁾, I. Zlatev⁽²⁾, A.H.J. Danser⁽¹⁾
⁽¹⁾Rotterdam (NETHERLANDS), ⁽²⁾Cambridge, MA (USA)

P.01.03 ALAMANDINE ATTENUATES ANGIOTENSIN II-INDUCED HYPERTENSION AND CARDIAC DYSFUNCTION VIA IMMUNE AND RENIN ANGIOTENSIN SYSTEM MODULATION

S. Wei, N.M. Irfan, Y. Yu, R. Weiss Iowa City (USA)

P.01.04 THE LONGITUDINAL EFFECT OF LONG-TERM EXPOSURE TO DIFFERENT ALTITUDE ON THE RIS OF HYPERTENSION IN OVER 5 MILLION COMMUNITY DWELLERS

X. Liu, M. Heizhati, L. Yao, H. Wang, Q. Zhu, N. Li Urumqi, Xinjiang Uygur Autonomous Region (CHINA)

P.01.05 THE HIDDEN PHENOTYPE: SALT- SENSITIVITY IN NORMOTENSIVE INDIVIDUALS AS AN EARLY MARKER OF FUTURE HYPERTENSION IN GEORGIAN COHORT

I. Andronikashvili, G. Simonia, D. Labartkava, S. Tatishvili, N. Pantsulaia
Tbilisi (GEORGIA)

P.01.06 ADEQUATE MEDICAL MANAGEMENT OF HYPERALDOSTERONISM CARRIES A RISK OF ADVERSE OUTCOMES COMPARABLE TO SURGICAL MANAGEMENT

H. Heinonen, J. Isojärvi, T. Niiranen
Turku (FINLAND)

P.01.07 IMPACT OF UNANNOUNCED PLASMA DRUG MONITORING IN SPECIALIZED HYPERTENSION CONSULTATION: A RETROSPECTIVE REAL-LIFE STUDY

C. Boudin, M. Berger, O. Ormezzano, F. Stanke-Labesque, T. Willeman
Grenoble (FRANCE)

P.01.08 RELATIONSHIP BETWEEN METABOLIC SCORE FOR INSULIN RESISTANCE AND ABNORMAL BLOOD PRESSURE IN ADOLESCENTS

C. Li, L. Shi, J. Liu, L. Chen, C. Zheng, Y. Xv, J. Wang, W. Ding
Yinchuan (CHINA)

P.01.09 THE EFFECT OF RADIOFREQUENCY-BASED RENAL DENERVATION ON BLOOD PRESSURE VALUES IN PATIENTS WITH RESISTANT HYPERTENSION: ONE-YEAR FOLLOW-UP

A. Moiseeva, A. Caraus
Chisinau (REPUBLIC OF MOLDOVA)

P.01.10 JOINT ASSOCIATIONS OF SYSTOLIC BLOOD PRESSURE POLYGENIC RISK SCORE AND MODIFIABLE RISK PROFILES WITH INCIDENT HYPERTENSION

N.-K. Lim⁽¹⁾, H.-Y. Park⁽²⁾, J.-Y. Lim⁽¹⁾
⁽¹⁾Cheongju, ⁽²⁾Seoul (SOUTH KOREA)

P.01.11 PULSE PRESSURE AS A SIMPLE RISK MARKER IN HEART FAILURE - ASSOCIATION WITH ONE YEAR MORTALITY AND READMISSION

T. Aguiar, M. Silva, I. Cruz, C. Costa, S. Carvalho, J. Ribeiro, J. Bastos,
A. Briosa
Aveiro (PORTUGAL)



MAY 29 – 17:45-19:00

P.01.12 PREVALENCE AND PREDICTORS OF INTOLERANCE TO CALCIUM CHANNEL BLOCKER IN AN ITALIAN HYPERTENSIVE OUTPATIENT COHORT

L. Ponsa, M. Regolo, M. Genovese, M. Lanza, I. Vesely, C. Bertello, S. Monticone, P. Mulatero, F. Rabbia, F. Veglio, M. Pappaccogli
Turin (ITALY)

P.01.13 EXPLORING THE MOLECULAR MECHANISMS OF PRIMARY ALDOSTERONISM: A STUDY OF SECONDARY HYPERTENSION

N. Khatoun, B. Caroccia, G. Ceolotto, M. Iacobone, F. Torresan, G.P. Rossi, T.M. Seccia
Padua (ITALY)

P.01.14 MANAGEMENT OF ACUTE CORONARY SYNDROMES - IS THE VANISHING OF THE YENTL SYNDROME ACCELERATED IN HYPERTENSION?

R. Schoenenberger-Berzins⁽¹⁾, F. Messerli⁽¹⁾, A. Schoenenberger⁽²⁾, F. Foster-Witassek⁽³⁾, H. Rickli⁽⁴⁾, G. Pedrazzini⁽⁵⁾, M. Roffi⁽⁶⁾, M. Puhan⁽³⁾, D. Radovanovic⁽³⁾
⁽¹⁾Luzern, ⁽²⁾Bern, ⁽³⁾Zürich, ⁽⁴⁾St. Gallen, ⁽⁵⁾Lugano, ⁽⁶⁾Geneva
(SWITZERLAND)

P.01.15 INFLAMMATORY AND MATRIX REMODELING PROTEOMIC SIGNATURES ARE ASSOCIATED WITH ARTERIAL STIFFNESS IN PATIENTS WITH HYPERTENSION

M. Dzitkowska-Zabielska⁽¹⁾, E. Dabrowska⁽¹⁾, B. Sierbinska⁽¹⁾, M. Jopek⁽¹⁾, J. Wolf⁽¹⁾, Olle Melander⁽²⁾, K. Narkiewicz⁽¹⁾
⁽¹⁾Gdansk (POLAND), ⁽²⁾Lund (SWEDEN)

TOTEM 2

E-POSTER SESSION - BP Measurement and Monitoring I

Chairpersons: **A. Croce (Novara, ITALY),
S. Padmanabhan (Glasgow, UNITED KINGDOM),**

P.02.01 MICRO-CLIMATE NEAR SKIN REVEALS BLOOD PRESSURE

P. Wang
Taiwan (OTHER)*

P.02.02 HYPERTENSION DIAGNOSES ARE SUBSTANTIALLY ALTERED BY MEASUREMENT ARTEFACTS IN CLINICAL AMBULATORY BLOOD PRESSURE MONITORING

T.L. Bothe⁽¹⁾, B. Graff⁽²⁾, V. Heinz⁽³⁾, R.A. Hammoura⁽²⁾, J. Wold⁽²⁾, N. Pilz⁽⁴⁾, K. Narkiewicz⁽²⁾
⁽¹⁾Sydney (AUSTRALIA), ⁽²⁾Gdansk (POLAND), ⁽³⁾Berlin, ⁽⁴⁾Hannover (GERMANY)

P.02.03 SEX- AND AGE-SPECIFIC RESULTS FROM THE HUNGARIAN AMBULATORY BLOOD PRESSURE MONITORING REGISTRY

S. Lengyel⁽¹⁾, M. Szekely⁽¹⁾, Z. Jari⁽²⁾, J. Nemcsik⁽²⁾, N. Habony⁽²⁾, M. Harangi⁽¹⁾, D. Pall⁽¹⁾
⁽¹⁾Debrecen, ⁽²⁾Budapest (HUNGARY)

P.02.04 EVALUATION OF BLOOD PRESSURE MEASUREMENTS IN PHARMACIES

R. Ingaramo, T. Pilco Chavarrea, E. Lombardo, N. Ramirez Saucedo, A. Lagioia, M. Herrera, C. Ingaramo, J. Maceiro
Trelew (ARGENTINA)

P.02.05 COMPARING CLINICAL FACTORS INFLUENCING THE VARIATIONS BETWEEN PERIPHERAL AND CENTRAL 24-HOUR AMBULATORY BLOOD PRESSURE MEASUREMENTS

C. Chotruangnapa, N. Theerakul, P. Thongdang, W. Roubanthisuk
Bangkok (THAILAND)



MAY 29 – 17:45-19:00

P.02.06 THE CLINICAL SIGNIFICANCE OF AMBULATORY BLOOD PRESSURE ON CEREBRAL SMALL VESSEL DISEASE. A SYSTEMATIC REVIEW AND META-ANALYSIS OF THE LITERATURE

C. Antza, N. Kakaletsis, S. Palaska, P. Anyfanti, D. Triantis, V. Kotsis
Thessaloniki (GREECE)

P.02.07 NOCTURNAL HYPOTENSION ASSESSED BY AMBULATORY BLOOD PRESSURE MONITORING IS ASSOCIATED WITH LOCALIZED STRUCTURAL AND FUNCTIONAL CHANGES IN OPEN-ANGLE GLAUCOMA.

B. Wizner, J. Jedrychowska-Jamborska, K. Sajak-Hydzyk, I. Pawlicka, T. Grodzicki
Krakow (POLAND)

P.02.08 PROGNOSTIC VALUE OF NIGHTTIME BLOOD PRESSURE MEASUREMENTS IN KILIFI, KENYA

N.C. Mwagwabi⁽¹⁾, A. Nyaguara⁽¹⁾, E. Ogola⁽²⁾, P. Perel⁽³⁾, A. Etyang⁽¹⁾
⁽¹⁾Kilifi, ⁽²⁾Nairobi (KENYA), ⁽³⁾London (UNITED KINGDOM)

P.02.09 LONG-TERM TRENDS IN 24-HOUR AMBULATORY BLOOD PRESSURE MONITORING UTILIZATION, BLOOD PRESSURE CONTROL, AND CIRCADIAN BLOOD PRESSURE PATTERNS IN A MONOGRAPHIC HYPERTENSION UNIT

C. Prades, S. Vela, D. Ruíz, E. Solaz, M. Pallás, N. Sanz, A. Samper, A. Marco, A. Lucas, J. Redon, M.J. Forner, F. Martínez
Valencia (SPAIN)

P.02.10 A NEW METHOD AND A COMPOSITE SENSING CUFF AIMS AT ESTIMATE PERSONALIZED PARAMETER AND IMPROVE THE ACCURACY FOR OSCILLOGRAPHY BLOOD PRESSURE

M. Xu, Y. Jiang, D. Wu, B. Zhan, W. Liu
Hangzhou, Zhejiang (CHINA)

P.02.11 NUTRITIONAL STATUS AND ITS ASSOCIATION WITH BLOOD PRESSURE PARAMETERS: DATA FROM THE HUNGARIAN AMBULATORY BLOOD PRESSURE MONITORING REGISTRY

M. Szekely⁽¹⁾, S. Lengyel⁽¹⁾, A. Dioszegi⁽¹⁾, Z. Jari⁽²⁾, J. Nemcsik⁽²⁾, N. Habony⁽²⁾, M. Harangi⁽¹⁾, D. Pall⁽¹⁾
⁽¹⁾Debrecen, ⁽²⁾Budapest (HUNGARY)

P.02.12 DIAGNOSTIC ACCURACY OF BLOOD PRESSURE MEASUREMENT METHODS FOR HYPERTENSION SCREENING IN OBESITY: DOES ONE FIT ALL?

C. Antza, P. Anyfanti, K. Serafeim-Chrysovalantis, V. Kotsis
Thessaloniki (GREECE)

P.02.13 DAYTIME BLOOD PRESSURE VARIABILITY ON AMBULATORY BLOOD PRESSURE MONITORING AND KIDNEY FUNCTION

T. Petreski, N. Vreca, L. Varda, N. Piko, R. Ekart, S. Bevc
Maribor (SLOVENIA)

P.02.14 IMPACT OF MEASUREMENT POSTURE ON CARDIOVASCULAR RISK PREDICTION: SEATED VS. SUPINE SYSTOLIC BLOOD PRESSURE

N. Pilz⁽¹⁾, A. Patzak⁽²⁾, J.-T. Sieweke⁽³⁾, J. Bauersachs⁽¹⁾, T. Bothe⁽⁴⁾
⁽¹⁾Hannover, ⁽²⁾Berlin, ⁽³⁾Hamburg (GERMANY), ⁽⁴⁾Sydney (AUSTRALIA)

P.02.15 TRANSLATING AMBULATORY CUFFLESS WRIST BLOOD PRESSURE ESTIMATES TO CUFFED BLOOD PRESSURE EQUIVALENTS FOR CLINICAL DECISION-MAKING: THE CONTINUUM BP STUDY

A. Gupta, A. Ahmed, R. Bowles, A. Learoyd, E. Kirkpatrick, N. Gurung, K. Rathod, A. Ahluwalia, A. Mathur
London (UNITED KINGDOM)



MAY 29 – 17:45-19:00

P.02.16 REAL WORLD IMPACT ON CONSULTATION BURDEN AND CLINICAL OUTCOMES OF REMOTE BLOOD PRESSURE TELEMONITORING IN HYPERTENSIVE DISORDERS OF PREGNANCY
T. Aguiar, M. Silva, I. Cruz, C. Costa, S. Carvalho, A. Garcia, R. Santos, J. Santos, A. Gonzaga, J. Bastos
Aveiro (PORTUGAL)

TOTEM 3
E-POSTER SESSION - BP Measurement and Monitoring II

Chairpersons: A. Mihailidou (St Leonards, AUSTRALIA),
F. Saladini (Padua, ITALY),
G. Pucci (Perugia, ITALY)

- P.03.01 BLOOD PRESSURE MONITORING BEFORE AND AFTER TESTOSTERONE THERAPY IN TRANSGENDER MEN**
M. Stojanovic, N. Pavlovic, M. Tancic Gajic, M. Ivovic, M. Miletic, L. Marina, D. Smolovic, V. Pantovic, Z. Arizanovic, A. Boskovic, M. Jovanovic, T. Cavic, T. Bojovic, S. Vujovic
Belgrade (SERBIA)
- P.03.02 ETHNIC DISPARITIES IN HYPERTENSION AMONG WOMEN IN THE MAY MEASUREMENT MONTH GLOBAL CAMPAIGNS 2021-2023**
V. Peterson⁽¹⁾, G. Kerr⁽²⁾, T. Beaney⁽²⁾, M. Schlaich⁽³⁾, A. Schutte^(4,5), G. Stergiou⁽⁶⁾, N. Poulter⁽²⁾, C. Nkoke⁽⁷⁾, A. Dzudie⁽⁸⁾
⁽¹⁾Johanneburg (SOUTH AFRICA), ⁽²⁾London (UNITED KINGDOM), ⁽³⁾Perth, WA, ⁽⁴⁾Sydney (AUSTRALIA), ⁽⁵⁾Potchefstroom (SOUTH AFRICA), ⁽⁶⁾Athens (GREECE), ⁽⁷⁾Buea, ⁽⁸⁾Douala (CAMEROON)
- P.03.03 REPRODUCIBILITY OF HOME AND AMBULATORY BLOOD PRESSURE MEASUREMENTS IN NON-DIALYSIS PATIENTS WITH CKD**
I. Kontogiorgos⁽¹⁾, A. Karligkiotis⁽¹⁾, E. Leptokaridou-Mourtzila⁽¹⁾, C. Kourtidou⁽¹⁾, V. Vaios⁽¹⁾, K. Markakis⁽¹⁾, K. Leivaditis⁽¹⁾, A. Kollias⁽²⁾, V. Liakopoulos⁽¹⁾, P. Georgianos⁽¹⁾
⁽¹⁾Thessaloniki, ⁽²⁾Athens (GREECE)
- P.03.04 ASSESSMENT OF REPRODUCIBILITY OF SEASONAL HYPERTENSIVE STATUS AND ITS RELATIONSHIP WITH INDOOR TEMPERATURE USING AN INFORMATION/COMMUNICATION TECHNOLOGY-BASED DEVICE**
T. Fujiwara, N. Tomitani, S. Hoshide, K. Kario
Shimotsuke (JAPAN)



MAY 29 – 17:45-19:00

P.03.05 ABILITY OF 24-HOUR AMBULATORY BLOOD PRESSURE PROFILE TO DIFFERENTIATE PATIENTS WITH NEUROGENIC DYSAUTONOMIA FROM PROPENSITY- MATCHED CONTROLS, A PILOT STUDY

J. Piotte, N.-G. Manolache, M.S. Stoenoiu, A. Persu
Brussels (BELGIUM)

P.03.06 BLOOD PRESSURE SHOULD BE ROUTINELY MEASURED DURING CUFF INFLATION

T.L. Bothe⁽¹⁾, T.V. Bui⁽¹⁾, D.S. Picone⁽²⁾, N. Pilz⁽³⁾, J.E. Sharman⁽¹⁾
⁽¹⁾Hobart, ⁽²⁾Sydney (AUSTRALIA), ⁽³⁾Hannover (GERMANY)

P.03.07 PATTERNS OF ASSOCIATION BETWEEN OFFICE AND OUT-OF-OFFICE BLOOD PRESSURE IN HEART FAILURE PATIENTS

H. Miao, Z. Zhou, Z. Yin, X. Li, B. Han, Y. Zhang
Beijing (CHINA)

P.03.08 REAL-WORLD PATTERN OF HOME BLOOD PRESSURE MEASUREMENT AND BLOOD PRESSURE VARIABILITY: FINDINGS FROM A NATIONWIDE DATASET IN CHINA

J. Liu, J. Geng, L. Hu, X. Wu, J. Liu
Beijing (CHINA)

P.03.09 BEHIND THE NUMBERS: EXPLORING THE IMPACT OF AGE AND CALIBRATION METHOD ON DIURNAL VARIATIONS IN 24-HOUR CENTRAL AMBULATORY BLOOD PRESSURE.

G. Bentley⁽¹⁾, S. Yu⁽²⁾, B.J. McDonnell^(3 4), A. Avolio⁽⁵⁾, I.B. Wilkinson⁽¹⁾, C.M. McEnery⁽¹⁾
⁽¹⁾Cambridge (UNITED KINGDOM), ⁽²⁾Shanghai (CHINA), ⁽³⁾Cardiff (UNITED KINGDOM), ⁽⁴⁾Wales (UNITED KINGDOM), ⁽⁵⁾Sydney (AUSTRALIA)

P.03.10 ASSOCIATION BETWEEN INTER-ARM AND INTER-ANKLE SYSTOLIC BLOOD PRESSURE DIFFERENCES AND SUBCLINICAL TARGET ORGAN DAMAGE IN ADULTS

S. Zuo, J. Mu
Xi'an (CHINA)

P.03.11 CLINIC VISITS AS A DETERMINANT OF ADHERENCE TO HOME BLOOD PRESSURE MONITORING: INSIGHTS FROM THE SOT-ART-HT TELEMEDICINE HYPERTENSION STUDY

D. Lipski⁽¹⁾, S. Zurek⁽²⁾, A. Tykarski⁽¹⁾, P. Uruski⁽¹⁾
⁽¹⁾Poznan, ⁽²⁾Zielona Góra (POLAND)

P.03.12 SEASONAL VARIATION IN NIGHTTIME BLOOD PRESSURE AND ITS IMPACT ON RENAL FUNCTION: A TWO-YEAR AMBULATORY BLOOD PRESSURE MONITORING STUDY

M. NISHIZAWA⁽¹⁾, S. HOSHIDE⁽²⁾, K. KARIO⁽²⁾
⁽¹⁾Minamisanriku-Cho, ⁽²⁾Shimotsukeshi (JAPAN)

P.03.13 THE ROLE OF HOME BLOOD PRESSURE MONITORING IN THE ASSESSMENT OF HYPERTENSION IN PATIENTS UNDERGOING PERITONEAL DIALYSIS

V. Vaios⁽¹⁾, C. Kourtidou⁽¹⁾, G. Vareta⁽¹⁾, I. Kontogiorgos⁽¹⁾, E. Gkazouni⁽¹⁾, E. Geropoulou⁽¹⁾, E. Dounousi⁽²⁾, K. Leivaditis⁽¹⁾, V. Liakopoulos⁽¹⁾, P. Georgianos⁽¹⁾
⁽¹⁾Thessaloniki, ⁽²⁾Ioannina (GREECE)

P.03.14 CHARACTERISTICS OF AMBULATORY BLOOD PRESSURE MONITORING IN PATIENTS WITH PERMANENT ATRIAL FIBRILLATION

L. Gaspar⁽¹⁾, D. Skultetyova⁽²⁾, S. Filipova⁽²⁾
⁽¹⁾Trnava, ⁽²⁾Bratislava (SLOVAK REPUBLIC)



MAY 29 – 17:45-19:00

P.03.15 ARE NOCTURNAL HOME AND AMBULATORY BLOOD PRESSURE MEASUREMENTS CLINICALLY INTERCHANGEABLE DURING HIGH-RISK PREGNANCY?

J.I. Pérez Duhalde, J. Minetto, W. Espeche, G. Cerri, J. Todoroff, S. Pacho Calvo, M. Salazar, C.E. Leiva Sisniegues
La Plata (ARGENTINA)

**TOTEM 4
E-POSTER SESSION - Brain**

Chairpersons: **D. Cseh (Budapest, HUNGARY),
D. Gasecki (Gdansk, POLAND),
N. Peters (Zürich, SWITZERLAND)**

P.04.01 ESTIMATED PULSE WAVE VELOCITY AS A STRONG INDEPENDENT PREDICTOR OF STROKE IN A RURAL POPULATION - ENAH study

M. Domislovic⁽¹⁾, J. Kos⁽¹⁾, A. Jelakovic^(1,2), J. Jospovic⁽¹⁾, I. Pecin⁽¹⁾, V. Domislovic⁽¹⁾, L. Gellineo⁽¹⁾, D. Radunovic⁽²⁾, V. Prelevic⁽⁶⁾, I. Brzic⁽²⁾, M. Abramovic Baric⁽⁴⁾, V. Matijevic⁽⁴⁾, T. Zeljkovic Vrkic⁽¹⁾, M. Marinovic Glavic⁽²⁾, B. Malojcic⁽¹⁾, K. Capak⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾Zagreb, ⁽²⁾Rijeka (CROATIA) ⁽³⁾Podgorica (MONTENEGRO), ⁽⁴⁾Bebrina (CROATIA)

P.04.02 BLOOD PRESSURE PHENOTYPES AND DAY-NIGHT VARIABILITY IN ACUTE ISCHEMIC STROKE: IS THERE ANY CARDIOVASCULAR MORTALITY LINK 10 YEARS AFTER?

C. Antza, V. Kotsis
Thessaloniki (GREECE)

P.04.03 ADEQUATE TREATMENT PRESERVES COGNITIVE FUNCTION IN PRIMARY HYPERALDOSTERONISM: A CASE-CONTROL STUDY WITH MATCHED HYPERTENSIVE AND NORMOTENSIVE CONTROLS

A. Nieckarz⁽¹⁾, A. Marcinkowska⁽¹⁾, N. Ekman⁽¹⁾, L. Jędrzejewski⁽¹⁾, A. Malewczyk⁽²⁾, M. Hoffmann⁽¹⁾, B. Graff⁽¹⁾, P. Winklewski⁽¹⁾, M. Burnier⁽¹⁾, K. Narkiewicz⁽¹⁾
⁽¹⁾Gdansk, ⁽²⁾Wejherowo (POLAND)

P.04.04 ASSESMENT OF CARDIOMETABOLIC PARAMETERS AND COGNITIVE FUNCTION IN HOSPITALISED OLDER ADULTS

M. Kupisz-Urbanska, B. Wierucka, I. Nyc, W. Niegowska, P. Jankowski
Warsaw (POLAND)



MAY 29 – 17:45-19:00

P.04.05 ASSOCIATION OF AMBULATORY BLOOD PRESSURE VARIABILITY WITH BRAIN ATROPHY IN HYPERTENSIVE PATIENTS

S. Spiliopoulou, G. Velonakis, I. Papatotiriou, E. Karavasilis, D. Dragonas, K. Rizogiannis, K. Gougouta, E. Manios
Athens (GREECE)

P.04.06 NOCTURNAL BLOOD PRESSURE DIPPING IS INDEPENDENTLY ASSOCIATED WITH CEREBRAL LESION GROWTH AFTER ISCHEMIC STROKE

D. Gasecki, K. Kowalczyk, T. Nowicki, E. Szurowska, K. Narkiewicz, B. Karaszewski
Gdansk (POLAND)

P.04.07 COMBINED EFFECTS OF HYPERTENSION AND HEART RATE ON THE RISK OF INCIDENT STROKE AMONG MONGOLIAN, CHINA

Y. Zhang, A. Wang, T. Xu, C. Dong
Suzhou (CHINA)

P.04.08 POST-COVID HEART RHYTHM DISTURBANCES IN PATIENTS WITH HIGH-RISK ARTERIAL HYPERTENSION: FROM CEREBROVASCULAR EVENT TO MULTI-ORGAN INJURY

E. Zbyshevskaia, T. Makeeva, F. Talibov
Saint Petersburg (RUSSIA)

P.04.09 COGNITIVE IMPAIRMENT AND CEREBRAL ISCHEMIA IN ARTERIAL HYPERTENSION

S. Mukhanova, T. Safronova, T. Vargina, E. Konchenko, N. Dorokhov
Moscow (RUSSIA)

P.04.10 COGNITIVE IMPAIRMENT IN HYPERTENSIVE PATIENTS WITH MULTIPLE DRUG INTOLERANCE SYNDROME

J. Rusinek-Glück, K. Tyjas, E. Palczynska, W. Ziólek, M. Polaczyk, A. Gruszka-Gosiewska, M. Rajzer, K. Stolarz-Skrzypek
Kraków (POLAND)

P.04.11 ASSOCIATION OF HYPERTENSION RELATED CEREBRAL SMALL VESSEL DISEASE WITH ECHOCARDIOGRAPHIC PARAMETERS IN ISCHEMIC STROKE PATIENTS WITH ATRIAL FIBRILLATION

A. Zietz⁽¹⁾, A. Polymeris⁽¹⁾, B. Kaufmann⁽¹⁾, S. Schaedelin⁽¹⁾, L. Hert⁽¹⁾, J. Lieb⁽¹⁾, D. Seiffge⁽¹⁾, B. Wagner⁽¹⁾, C. Traenka⁽¹⁾, J. Fladt⁽¹⁾, P. Lyrer⁽¹⁾, S. Engelter⁽¹⁾, N. Peters⁽²⁾
⁽¹⁾Basel. ⁽²⁾Zürich (SWITZERLAND)

P.04.12 ASSOCIATION OF BLOOD PRESSURE VARIABILITY AND INCIDENCE OF STROKE: A SYSTEMATIC REVIEW AND META-ANALYSIS

E. Stamou, P. Iliakis, D. Konstantinidis, E. Manta, K. Kyriakoulis, A. Vakka, M. Kouremeti, A. Sakalidis, A. Kasiakogias, K. Dimitriadis, A. Kollias, K. Tsioufis
Athens (GREECE)

P.04.13 ASSOCIATION OF CENTRAL AND PERIPHERAL BLOOD PRESSURE WITH SILENT BRAIN INFARCTS IN HYPERTENSIVE PATIENTS

S. Spiliopoulou, G. Velonakis, I. Papatotiriou, E. Karavasilis, D. Dragonas, K. Rizogiannis, K. Gougouta, E. Manios
Athens (GREECE)

P.04.14 EPIDEMIOLOGY AND RISK FACTORS OF STROKE CASES MANAGED AT A UNIVERSITY HOSPITAL CENTER IN NORTHWESTERN ALGERIA

S. Benbekhti Abdrebbi, S.M. Medjadi, A.A. Bouayad, Z. Barka
Tlemcen (ALGERIA)

P.04.15 PRE-HOSPITAL DELAYS IN STROKE MANAGEMENT: CARE PATHWAYS AND INITIAL PATIENT RESPONSES IN A UNIVERSITY HOSPITAL CENTER IN NORTHWESTERN ALGERIA

S. Benbekhti Abdrebbi, S.M. Medjadi, A.A. Bouayad, Z. Barka
Tlemcen (ALGERIA)



MAY 29 – 17:45-19:00

TOTEM 5

E-POSTER SESSION - Children and Adolescents

Chairpersons: M. Litwin (Warsaw, POLAND),
S. Stabouli (Thessaloniki, GREECE),
L. Obrycki (Warsaw, POLAND)

P.05.01 CHARACTERISTICS OF CHILDREN AND ADOLESCENTS WITH FIBROMUSCULAR DYSPLASIA: A SYSTEMATIC REVIEW AND META-ANALYSIS

W. Wang⁽¹⁾, M. Podymniak Grzeszykowska⁽²⁾, T. Robberechts⁽¹⁾,
M. Litwin⁽²⁾, M.S. Stoenoiu⁽¹⁾, A. Persu⁽¹⁾
⁽¹⁾Brussels (BELGIUM), ⁽²⁾Warsaw (POLAND)

P.05.02 CLINICAL PHENOTYPE AND OUTCOME OF CHILDREN WITH RENOVASCULAR HYPERTENSION - A MULTICENTER NATIONAL STUDY OVER 32 YEARS

T. Seeman⁽¹⁾, P. Konopasek⁽¹⁾, A. Kolsky⁽¹⁾, G. Matznerova⁽²⁾, M. Rocek⁽¹⁾,
J. Stojanovic⁽³⁾, T. Sulakova⁽²⁾
⁽¹⁾Prague, ⁽²⁾Ostrava (CZECH REPUBLIC), ⁽³⁾London (UNITED KINGDOM)

P.05.03 IMPACT OF REGULAR SPORTS ACTIVITY WITH DIFFERENT DYNAMIC AND STATIC LOAD ON ARTERIAL STIFFNESS PARAMETERS AND BLOOD PRESSURE VALUES IN CHILDREN AND ADOLESCENTS

M. Vugrinec Mamic, V. Tokic Pivac, J. Mamic, M. Petkovic, M. Milosevic,
V. Herceg-Cavrak
Zagreb (CROATIA)

P.05.04 BODY COMPOSITION PHENOTYPES AND HYPERURICEMIA IN CHINESE ADOLESCENTS: A CROSS-SECTIONAL STUDY

Y. Xu, L. Shi, L. Chen, W. Ding
Yinchuan (CHINA)

P.05.05 ASSOCIATION BETWEEN DIFFERENT BODY COMPOSITION PHENOTYPES AND ABNORMAL BLOOD PRESSURE IN ADOLESCENTS

L.S. Shi, Y.X. Xv, L.C. Chen, C.Z. Zheng, J.W. Wang, C.L. Li, W.D. Ding
Yinchuan, (CHINA)

P.05.06 METABOLIC AND 24-H BLOOD PRESSURE PROFILE IN HYPERTENSIVE CHILDREN AND ADOLESCENTS WITH LEFT VENTRICULAR HYPERTROPHY: A META-ANALYSIS AND SYSTEMATIC REVIEW

M. Pac⁽¹⁾, A. Khan⁽²⁾, T. Majeed⁽²⁾, L. Obrycki⁽¹⁾, M. Litwin⁽¹⁾, O. Della Pasqua⁽²⁾
⁽¹⁾Warsaw (POLAND), ⁽²⁾London (UNITED KINGDOM)

P.05.07 CLINICAL CHARACTERISTICS OF RENOVASCULAR HYPERTENSION SECONDARY TO RENAL ARTERY BRANCH STENOSIS IN CHILDREN

Y. Lin, H. Zhang, Y. Liu, Y. Liu, L. Shi
Beijing (CHINA)

P.05.08 THE ROLE OF CIRCULATING PLASMA MICRORNAS IN PEDIATRIC PATIENTS WITH UNTREATED PRIMARY HYPERTENSION: BASELINE EXPRESSION AND EXERCISE-INDUCED CHANGES

M. Szyszka, C. Eyileten, K. Skubisz, R. Pietrzak, H. Krysztofiak, P. Skrzypczyk
Warsaw (POLAND)

P.05.09 THE RELATIONSHIP BETWEEN BODY FAT MASS AND HYPERURICEMIA IN ADOLESCENTS AND THE MEDIATING EFFECT OF INFLAMMATORY FACTORS

J. Wang, C. Zheng, L. Shi, L. Chen, Y. Xv, C. Li, W. Din
yingchuan (China)



MAY 29 – 17:45-19:00

P.05.10 DEVELOPMENT AND VALIDATION OF EXPLAINABLE MACHINE LEARNING MODELS TO PREDICT HYPERURICEMIA IN PEDIATRIC PRIMARY HYPERTENSION: A TWO-CENTER RETROSPECTIVE STUDY

T. Lin⁽¹⁾, X. Sun⁽²⁾, Y. Lin⁽¹⁾, Y. Li⁽¹⁾, H. Wu⁽¹⁾, W. Niu⁽²⁾, C. Xie⁽²⁾, L. Shi⁽¹⁾
⁽¹⁾Beijing, ⁽²⁾Hangzhou (CHINA)

P.05.11 COMPARISON OF THE EFFECT OF TWICE-WEEKLY INTERMITTENT FASTING AND TIME-RESTRICTED EATING OF 4 MONTH-DURATION IN ADOLESCENTS WITH OVERWEIGHT OR OBESITY

I. Saxena⁽¹⁾, M. Kumar⁽²⁾, A. Shukla⁽²⁾, R. Aishwarya⁽³⁾, A. Pathak⁽³⁾,
A. Bihari⁽²⁾, A. Arvind⁽¹⁾
⁽¹⁾Gorakhpur, ⁽²⁾Basti, ⁽³⁾Saifai (INDIA)

P.05.12 INCREASING BURDEN OF CLINICAL AND CARDIOMETABOLIC COMORBIDITIES BY BMI CATEGORY IN OBESE CHILDREN IN SOUTH AFRICA

N. Peer⁽¹⁾, Y. Balakrishna⁽¹⁾, J. Sewlall⁽¹⁾, S. Tayob⁽¹⁾, A. Kengne⁽²⁾, Y. Ganie⁽¹⁾
⁽¹⁾Durban (SOUTH AFRICA), ⁽²⁾Nairobi (KENYA)

P.05.13 JOINT EFFECTS OF POLYSOCIAL RISK SCORE AND FAT MASS PERCENTAGE (FMP) ON DEPRESSIVE SYMPTOMS AND THE MEDIATING ROLE OF FMP IN CHINESE NORTHWEST UNIVERSITY STUDENTS

Y. Xu, L. Chen, L. Zhou, J. Li
Yinchuan (CHINA)

P.05.14 EARLY-ONSET HYPERTENSION WITH HYPOKALEMIC METABOLIC ALKALOSIS IN A TODDLER WITH A HSD11B2 MUTATION

G. Pak, M. Sikorski, J. Koziej, K. Skoczynski, L. Obrycki, M. Litwin
Warsaw (POLAND)

TOTEM 6

E-POSTER SESSION - Clinical Studies I

Chairpersons: M. Jaguszewski (Gdansk, POLAND),
L. Varda (Maribor, SLOVENIA),
A. Vachulova (Bratislava, SLOVAK REPUBLIC)

P.06.01 KNOWLEDGE AND PRACTICE GAPS IN THE MANAGEMENT OF UNCONTROLLED HYPERTENSION ACROSS THE CARE CONTINUUM: RESULTS FROM A MEDICAL EDUCATION CLINICAL PRACTICE ASSESSMENT

L. Thevathasan⁽¹⁾, G. Montanero⁽²⁾, G. O'Malley⁽¹⁾, K. Reid⁽¹⁾, A. Schutte⁽³⁾
⁽¹⁾London (UNITED KINGDOM), ⁽²⁾New York (USA), ⁽³⁾Sydney (AUSTRALIA)

P.06.02 WHICH BLOOD PRESSURE MEASUREMENT MATTERS IN PATIENTS DOING PERITONEAL DIALYSIS ? IMPORTANT INSIGHTS FROM AN OBSERVATIONAL COHORT STUDY

A.Y. Wang⁽¹⁾, A.Y. Wang⁽¹⁾, T.K. Tang⁽²⁾, S. Cheung⁽²⁾, S.H. Lo⁽²⁾
⁽¹⁾Singapore (SINGAPORE), ⁽²⁾Hong Kong SAR (CHINA)

P.06.03 HFOT VERSUS NIV IN CPAP MODE FOR ACUTE HYPERTENSIVE PULMONARY EDEMA: RANDOMIZED STUDY

Z. Sharipov⁽¹⁾, S. Sharipov⁽¹⁾, M. Yodgorova⁽¹⁾, A. Pisaryuk⁽²⁾, I. Meray⁽²⁾,
M. Petrova⁽²⁾, Z. Kobalava⁽²⁾
⁽¹⁾Dushanbe (TAJIKISTAN), ⁽²⁾Moscow (RUSSIA)

P.06.04 GUT MICROBIOTA-DERIVED TRIMETHYLAMINE N-OXIDE (TMAO) AS A PREDICTOR OF FUTURE HYPERTENSION: A PROSPECTIVE COHORT STUDY IN THAILAND

S. Senthong, V. Klungboon, J. Phetchar, S. Phantha, A. Silsirivani
Khon Kaen (THAILAND)



MAY 29 – 17:45-19:00

P.06.05 EFFECTS OF ACUPUNCTURE ON ARTERIAL HYPERTENSION AND ENDOTHELIAL DYSFUNCTION: THE AHEAD RANDOMIZED CLINICAL TRIAL

A. Rodrigues Bitencourt⁽¹⁾, A.L. Lima Sousa⁽¹⁾, P. Valverde De Oliveira⁽¹⁾, M. Costa Correia⁽¹⁾, S. Rogério Rodrigues Batista⁽¹⁾, A. Massao Yoshizumi⁽²⁾, P.C. Brandão Veiga Jardim⁽¹⁾, W. Kunz Sebba Barroso⁽¹⁾
⁽¹⁾Goiânia, ⁽²⁾São Paulo (BRAZIL)

P.06.06 NONSPECIFIC ST-SEGMENT AND T-WAVE ABNORMALITIES AND RISK OF ATRIAL FIBRILLATION WITH HYPERTENSION

J. Koh, M. Son, E. Shim
Seoul (SOUTH KOREA)

P.06.07 SUSTAINABLE HYPERTENSION MANAGEMENT IN PRIMARY CARE – RESULTS FROM A PILOT STUDY

U. Andersson, L. Axelsson, P. Nymberg, P.M. Nilsson, P. Midlöv, M. Pikkemaat
Malmö (SWEDEN)

P.06.08 ONLINE MEDICAL EDUCATION IMPROVES CLINICIAN KNOWLEDGE AND CONFIDENCE IN THE MANAGEMENT OF UNCONTROLLED HYPERTENSION

L. Thevathasan⁽¹⁾, G. O'Malley⁽¹⁾, K. Reid⁽¹⁾, K. Narkiewicz⁽²⁾, T. McCormack⁽³⁾
⁽¹⁾London (UNITED KINGDOM), ⁽²⁾Gdansk (POLAND), ⁽³⁾York (UNITED KINGDOM)

P.06.09 AI-ASSISTED RISK STRATIFICATION OF HYPERTENSION USING CONVERSATIONAL DATA

G. Orjih, M. Amare, E. Anasiudu, N. Nnebe, T. Duys, W. Okah, P. Eze, O. Malumi, N. Mobisson
Lagos (NIGERIA)

P.06.10 EVALUATION OF CHATGPT-5 ACCURACY IN RESPONDING TO PATIENT QUESTIONS ABOUT HYPERTENSION IN ENGLISH AND ROMANIAN

I. Haja, T. Mihaila, C.G. Grigoroaea, I.P. Rodean, V.B. Halatiu, T. Benedek Târgu Mures (ROMANIA)

P.06.11 CLINICAL SIGNIFICANCE OF BIOELECTRICAL IMPEDANCE SPECTROSCOPY IN HYPERTENSIVE PATIENTS WITH AND WITHOUT HYPERTENSION MEDIATED ORGAN DAMAGE

M. Muric Begic, I. Prkacin⁽¹⁾, J. Jug⁽¹⁾, M. Lopac Babajko⁽¹⁾, M. Jelavic Mornar⁽¹⁾, J. Muslin⁽¹⁾, I. Brecek⁽¹⁾, P. Mjehovic⁽¹⁾, D. Pavicic⁽¹⁾, V. Herceg -Cavrak⁽¹⁾, N. Dabo⁽²⁾, V. Coric-Martinovic⁽³⁾
⁽¹⁾Zagreb, ⁽²⁾Novalja, ⁽³⁾Vinkovci (CROATIA)

P.06.12 STRATIFICATION OF HYPERTENSIVE PATIENTS ACCORDING TO RISK SCORE – CONTRIBUTION TO PREVENTION OF ATRIAL FIBRILLATION?

S. Filipova⁽¹⁾, D. Skultetyova⁽¹⁾, L. Gaspar⁽²⁾
⁽¹⁾Bratislava, ⁽²⁾Trnava (SLOVENSÁ REPUBLIKA)

P.06.13 A CO-CREATED, CULTURALLY-SENSITIVE INTERVENTION FOR DIABETES SELF-MANAGEMENT EDUCATION IN IMMIGRANTS AND ETHNIC MINORITIES IN ITALY: THE DIABETHIC RANDOMIZED CLINICAL TRIAL

P.A. Modesti⁽¹⁾, L. Bonvicini⁽²⁾, A. Petrelli⁽³⁾, M. Perticone⁽⁴⁾, C. Baccari⁽¹⁾, M. Boddj⁽¹⁾, F. Bononi⁽²⁾, M. Calabrese⁽⁵⁾, E. Manicardi⁽⁶⁾, S. Pierconti⁽³⁾, I. Vacirca⁽¹⁾, F. Venturelli⁽²⁾, P. Giorgi Rossi⁽²⁾, A. Pellegrino⁽¹⁾
⁽¹⁾Firenze, ⁽²⁾Reggio Emilia, ⁽³⁾Roma, ⁽⁴⁾Catanzaro, ⁽⁵⁾Prato (ITALY)

P.06.14 EPLERENONE VS IRBESARTAN AS FIRST LINE THERAPY IN OBESE HYPERTENSIVE PATIENTS: RESULTS OF THE HEBRO RANDOMIZED CONTROLLED TRIAL

P. Iliakis, M. Kouremeti, S. Drogkaris, E. Siafi, A. Vakka, A. Sakalidis, I. Kachrimanidis, P. Tsioufis, E. Manta, K. Papadomarkaki, C. Thomopoulos, A. Kasiakogias, D. Konstantinidis, K. Dimitriadis, K. Tsioufis
Athens (GREECE)



MAY 29 – 17:45-19:00

- TOTEM 7**
E-POSTER SESSION - Diagnostics and Digital Health
Chairpersons: P.H. Gutemberg Silveira (Sao Paulo, BRAZIL),
L. Martins (Matosinhos, PORTUGAL)
- P.07.01 A UNIFIED SOFTWARE PLATFORM FOR INTEGRATED STRUCTURAL AND FUNCTIONAL CAROTID ULTRASOUND ASSESSMENT**
E. Bianchini⁽¹⁾, S. Orten⁽²⁾, S. Wassertheurer⁽²⁾, B. Hametner⁽²⁾, M. Bachler⁽²⁾, M. Andretta⁽¹⁾, S. Badhwar⁽³⁾, R.M. Bruno⁽³⁾, L. Ghiadoni⁽¹⁾, G. D Angelo⁽¹⁾, S. Masi⁽¹⁾, L. Giusti⁽¹⁾, H. Dalpiaz⁽¹⁾, F. Fajta⁽¹⁾, V. Gemignani⁽¹⁾, C.C. Mayer⁽²⁾
⁽¹⁾Pisa (ITALY), ⁽²⁾Vienna (AUSTRIA), ⁽³⁾Paris (FRANCE)
- P.07.02 PERFORMANCE EVALUATION OF A DEEP LEARNING ALGORITHM FOR BLOOD PRESSURE ESTIMATION FROM PHOTOPLETHYSMOGRAPHIC SIGNALS**
A. Stäuber⁽¹⁾, J. Zemke⁽¹⁾, J. Baulmann⁽²⁾, M.W. Hoppe⁽¹⁾
⁽¹⁾Marburg, ⁽²⁾Rheinbach (GERMANY)
- P.07.03 DOSE-DEPENDENT ASSOCIATIONS BETWEEN SYSTOLIC BLOOD PRESSURE REDUCTION AND USER ENGAGEMENT WITH A WEARABLE CUFFLESS BLOOD PRESSURE MONITOR**
H. Patten⁽¹⁾, T. Almeida⁽¹⁾, D. Perruchoud⁽¹⁾, J. Sola⁽¹⁾, G. Wuerzner⁽²⁾
⁽¹⁾Neuchatel, ⁽²⁾Lausanne (SWITZERLAND)
- P.07.04 CLINICAL VALIDATION OF CAROTID ULTRASOUND DERIVED CENTRAL HEMODYNAMICS**
S. Orter⁽¹⁾, E. Bianchini⁽²⁾, S. Wassertheurer, S. Badhwar⁽³⁾, B. Hametner, S. Sinceri⁽²⁾, M. Bachler, L. Ghiadoni⁽²⁾, G. Cartoni⁽²⁾, F. Stea⁽²⁾, S. Armenia⁽²⁾, S. Buralli⁽²⁾, S. Taddei⁽²⁾, C. Giannarelli⁽⁴⁾, F. Fajta⁽²⁾, V. Gemignani⁽²⁾, R.M. Bruno⁽²⁾, C.C. Mayer
⁽¹⁾Vienna (AUSTRIA), ⁽²⁾Pisa (ITALY), ⁽³⁾Paris (FRANCE), ⁽⁴⁾New York (USA)
- P.07.05 IMPLEMENTING A DIGITAL SELF-CARE CARDIOMETABOLIC PROGRAM IN NIGERIA: OUTCOMES FROM A VIRTUAL COACHING MODEL**
B.N. Estella, A. Popoola, E. Anasiudu, M. Amare, G. Orjih, M. Malumi, P. Eze, J. Prah, W. Okah, N. Nnebe, T. Guys, N. Mobisson
Lagos (NIGERIA)
- P.07.06 STABILITY OF ESTIMATION AND ABILITY TO TRACK BLOOD PRESSURE CHANGES IN HYPERTENSION MANAGEMENT USING A CUFFLESS WEARABLE DEVICE (BPLONG STUDY)**
P.-A. Rigon⁽¹⁾, M. Proença⁽²⁾, G. Bonnier⁽²⁾, D. Ferrario⁽²⁾, J. Zahnd⁽¹⁾, M. Lemay⁽²⁾, G. Wuerzner⁽¹⁾
⁽¹⁾Lausanne, ⁽²⁾Bern (SWITZERLAND)
- P.07.07 IMPROVING PHYSICIAN-PATIENT COMMUNICATION USING ARTIFICIAL INTELLIGENCE IN CARDIOLOGY: EVALUATION OF THE EFFECTIVENESS OF CHATGPT IN PATIENTS WITH HYPERTENSION**
T. Mihaila, I. Haja, C.G. Grigoroaea, I.P. Rodean, V.B. Halatiu, T. Benedek
Târgu Mures (ROMANIA)
- P.07.08 EFFICACY OF A DIGITAL REWARD PROGRAMME FOR BLOOD PRESSURE MANAGEMENT: A PILOT STUDY OF 455 PARTICIPANTS**
K. Tsoi, K.K. Yiu, Z. Hao, Y. Hu, D. Cheung, B. Yan
Shatin (HONG KONG SAR, CHINA)
- P.07.09 MACHINE LEARNING PREDICTION OF HEALTHCARE COSTS IN PULMONARY HYPERTENSION USING WHO FUNCTIONAL CLASS**
K. Tilmann⁽¹⁾, K. Mira⁽²⁾, H. Christian⁽³⁾, S. Stefan⁽³⁾
⁽¹⁾Cologne, ⁽²⁾Ulm, ⁽³⁾Vallendar (GERMANY)



MAY 29 – 17:45-19:00

P.07.10 MACHINE LEARNING-BASED PREDICTION OF PULSE WAVE VELOCITY FROM PPG SIGNALS

O. Obeid⁽¹⁾, V. Bikia⁽²⁾, S. Addour⁽¹⁾, C. Landry⁽³⁾, M. Agharazii⁽¹⁾

⁽¹⁾QUEBEC (CANADA), ⁽²⁾Stanford (USA), ⁽³⁾Sherbrooke (CANADA)

P.07.11 MANAGEMENT OF HYPERTENSIVE URGENCIES AND EMERGENCIES IN THE EMERGENCY DEPARTMENT COMPARISON OF DIAGNOSTIC AND THERAPEUTIC APPROACH AMONG PHYSICIANS OF DIFFERENT SPECIALTIES

P. Anyfantj, C. Antza, E. Karlafti, D. Poulis, E. Chavarda, K. Triantafyllou, G. Styliadis, N.M. Papatheodorou, M. Meliopolou, K. Papadopoulos, E. Gkaliagkousi, V. Kotsis *Thessaloniki (GREECE)*

P.07.12 REPRODUCIBILITY OF ECHOCARDIOGRAPHIC TRAITS IN THE “URINARY PROTEOMICS COMBINED WITH HOME BLOOD PRESSURE TELEMONITORING FOR HEALTH CARE REFORM STUDY” PARTICIPANTS FROM POLAND.

B. Kaleta, A. Olszanecka, W. Wojciechowska, M. Rajzer, J. Staessen⁽¹⁻³⁾, K. Stolarz-Skrzypek

⁽¹⁾Cracow (POLAND), ⁽²⁾Mechelen (BELGIUM), ⁽³⁾Leuven (BELGIUM)

P.07.13 ARTIFICIAL INTELLIGENCE IN CARDIOVASCULAR PHYSIOLOGY ASSESSMENT: A BLINDED COMPARISON OF AI- AND EXPERT-AUTHORED QUESTIONS

H. Alhamad, G. Dahman, N. Jandali, R. Yaseen, A. Alhaj Isaa, O. Ameer, I. Salman

Riyadh (SAUDI ARABIA)

P.07.14 MACHINE LEARNING PREDICTION OF 12-MONTH SIX-MINUTE WALK DISTANCE CHANGE IN PULMONARY ARTERIAL HYPERTENSION: A PILOT STUDY

K. Mira⁽¹⁾, H. Christian⁽²⁾, S. Stefan⁽²⁾, K. Tilmann⁽³⁾

⁽¹⁾Ulm, ⁽²⁾Vallendar, ⁽³⁾Cologne (GERMANY)

TOTEM 8

E-POSTER SESSION - Epidemiology I

Chairpersons: **K. Labr (Brno, CZECH REPUBLIC),
E. Manios (Athens, GREECE)**

P.08.01 NOT ALL PATIENTS RESPOND THE SAME: URINARY SODIUM EXCRETION AND BLOOD PRESSURE ACROSS BMI CATEGORIES IN LITHUANIA

U. Zakauskiene⁽¹⁾, E. Macioniene⁽¹⁾, L. Zabuliene⁽¹⁾, D. Sukackiene⁽¹⁾, A. Linkeviciute-Dumce⁽¹⁾, V. Banys⁽¹⁾, N. Bratcikoviene⁽¹⁾, D. Karosiene⁽¹⁾, K. Simanaukas⁽¹⁾, A. Utkus⁽¹⁾, D. Brazdiunaite⁽¹⁾, V. Migline⁽¹⁾, I. Makarskiene⁽¹⁾, I. Zurlyte⁽¹⁾, I. Rakovac⁽²⁾, J. Breda⁽³⁾, F.P. Cappuccio⁽⁴⁾, M. Miglinas⁽¹⁾

⁽¹⁾Vilnius (LITHUANIA) ⁽²⁾Copenhagen (DENMARK), ⁽³⁾Athens (GREECE), ⁽⁴⁾Coventry (UNITED KINGDOM)

P.08.02 MORTALITY TRENDS IN ACUTE MYOCARDIAL INFARCTION PATIENTS WITH AND WITHOUT A HISTORY OF HYPERTENSION

F. Foster-Witassek⁽¹⁾, H. Rickli⁽²⁾, M. Roffi⁽³⁾, G. Pedrazzini⁽⁴⁾, A.W. Schoenenberger⁽⁵⁾, D. Radovanovic⁽¹⁾

⁽¹⁾Zurich, ⁽²⁾St. Gallen, ⁽³⁾Geneva, ⁽⁴⁾Lugano, ⁽⁵⁾Bern (SWITZERLAND)

P.08.03 SUBLINGUAL VARICES IN PATIENTS SCREENED FOR HIGH BLOOD PRESSURE IN A DENTAL CLINIC

A. Oliveras⁽¹⁾, R. Bescos⁽²⁾, T. Gabaldon⁽³⁾, A. Matinyan⁽⁴⁾, M. Mesquida⁽⁴⁾, S. Vazquez⁽¹⁾, C. Camps⁽¹⁾, Z. Brookes⁽²⁾, P. Casas-Agustench⁽²⁾, J. Lopez⁽⁴⁾

⁽¹⁾Barcelona (SPAIN), ⁽²⁾Plymouth (UNITED KINGDOM), ⁽³⁾Barcelona, ⁽⁴⁾Hospitlet de Llobregat (SPAIN)



MAY 29 – 17:45-19:00

P.08.04 STRESS-RELATED AUTONOMIC IMBALANCE AND EARLY BLOOD PRESSURE CHANGES IN APPARENTLY HEALTHY ADULTS LIVING UNDER WARTIME CONDITIONS

I. Okipniak, T. Ilashchuk, O. Mykytyuk
Chernivtsi (UKRAINE)

P.08.05 SCREENING FOR HIGH BLOOD PRESSURE DURING THE MMM CAMPAIGN AMONG HOSPITAL HEALTHCARE PROFESSIONALS: USEFUL?

M. Lopez-Sublet, K. Khorsi, C. Soare, G. El Choueiri, J. Culerrier, H. Boudelaa, A. Ollier, M. Bentalha, B. Gbaguidi, M. Kabla, B. Giroux Leprieur, E. Jimenez, S. Stanic, G. Pontes, S. Le Jeune, A. Morabito, R. Dhote
⁽¹⁾Bobigny, ⁽²⁾Paris, ⁽³⁾Nancy (FRANCE)

P.08.06 LONG-TERM TRENDS IN BLOOD PRESSURE, PREVALENCE, AWARENESS, TREATMENT AND CONTROL OF HYPERTENSION IN THE CROATIAN ADULT POPULATION - EHUH STUDY

A. Jelakovic⁽¹⁾, L. Bilajac⁽²⁾, M. Martinovic Glavic⁽²⁾, T. Zeljkovic Vrkic⁽¹⁾, J. Kos⁽¹⁾, I. Pecin⁽¹⁾, J. Josipovic⁽¹⁾, M. Domislovic⁽¹⁾, M. Boljesic Dumancic⁽²⁾, A. Stupin⁽²⁾, P. Susnjara⁽²⁾, V. Prelevic⁽³⁾, D. Radunovic⁽³⁾, L. Prgomet⁽¹⁾, A. Belancic⁽²⁾, M. Bilobrk⁽²⁾, B. Mandaric⁽¹⁾, I. Capanac⁽¹⁾, V. Bralic Lang⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾Zagreb, ⁽²⁾Rijeka, ⁽²⁾Osijek (CROATIA) ⁽³⁾Podgorica (MONTENEGRO)

P.08.07 HYPERTENSION FOLLOWING COVID-19 VACCINATIONS: A SYSTEMATIC REVIEW

R. Houston, J. Kaur
Nottingham (UNITED KINGDOM)

P.08.08 SEASONAL AND CIRCADIAN VARIATION OF HYPERTENSIVE CRISES IN THE TROPICS: A RETROSPECTIVE ANALYSIS OF 120,000 EMERGENCY DEPARTMENT VISITS

M. Daroz Gonçalves, P.H. Gutemberg, T.H. Martone Grazioli, I. de Paiva Gomes, J.F. Santos Silva, B. Cheng Tan, L. Lapa Pinto Coelho, P. Cardoso Preto, M. Gonçalves Sousa, R. Nastari, J. Batista Souza, F. Yue Cesena, A. Gabriele Laurinavicius
São Paulo (BRAZIL)

P.08.09 ASSOCIATION OF BASELINE, CUMULATIVE EXPOSURE, AND CHANGES IN THE ATHEROGENIC INDEX OF PLASMA AND RELATED INDICATORS WITH INCIDENT DIABETES RISK: A PROSPECTIVE COHORT STUDY

C. Zheng, L. Chen, L. Shi, Y. Xu, J. Wang, C. Li, W. Ding
Yinchuan (CHINA)

P.08.10 IMPACT OF THE EUROPEAN (ESH 2023) AND AMERICAN (ACC 2025) GUIDELINES ON HYPERTENSION PREVALENCE AND TREATMENT IN POLAND.

P. Szczesny⁽¹⁾, A. Wyszomirski⁽¹⁾, P. Bandosz⁽¹⁾, M. Rutkowski⁽¹⁾, M. Pencina⁽²⁾, T. Zdrojewski⁽¹⁾
⁽¹⁾Gdansk (POLAND), ⁽²⁾Durham (USA)

P.08.11 PREVALENCE AND DISTRIBUTION OF STAGES OF CARDIOVASCULAR-KIDNEY-METABOLIC (CKM) SYNDROME IN POLAND.

A. Puch-Walczak, K. Jagiello, M. Rutkowski, K. Chlebus, Z. Heleniak, T. Zdrojewski
Gdansk (POLAND)

P.08.12 ASSOCIATION OF ETHNIC BACKGROUND WITH THE PREVALENCE OF ARTERIAL HYPERTENSION IN THE ADULT POPULATION: RESULTS OF A QUESTIONNAIRE-BASED STUDY (N = 2844)

D. Mukhtarkhanova, G. Junusbekova, M. Tundybayeva, L. Baglanova
Almaty (KAZAKHSTAN)



MAY 29 – 17:45-19:00

P.08.13 “WHITE COAT SCREENING EFFECT” DURING THE MAY MEASUREMENT MONTH CAMPAIGN IN FRANCE: FRENCH INVESTIGATORS 2025 STUDY

M. Lopez-Sublet⁽¹⁾, B. Duly Bouhanick⁽²⁾, T. Bejan-Angoulvant⁽³⁾
⁽¹⁾Bobigny, ⁽²⁾Toulouse, ⁽³⁾Tours (FRANCE)

P.08.14 PREVALENCE OF SYMPTOMS OF CHRONIC HEART FAILURE AMONG PATIENTS WITH CONFIRMED ARTERIAL HYPERTENSION IN THE ADULT POPULATION: RESULTS OF A QUESTIONNAIRE-BASED STUDY (N = 2844)

D. Mukhtarkhanova, G. Junusbekova, M. Tundybayeva, L. Baglanova
Almaty (KAZAKHSTAN)

TOTEM 9

E-POSTER SESSION - Heart I

**Chairpersons: C. Koppelstätter (Innsbruck, AUSTRIA),
Y.Z. Sener (Gaziantep, TURKEY),
A. Olszanecka (Krakow, POLAND)**

P.09.01 LEUCAENA LEUCOCEPHALA SEEDS (LL) REDUCE HEART INJURY BY MODULATING KEY PATHWAYS

A.K. Sahu, D. Arya
New Delhi (INDIA)

P.09.02 CLINICAL CHARACTERISTICS ASSOCIATED WITH THE DIFFERENT GEOMETRIC PATTERNS OF THE HEART IN HYPERTENSION

A. Oliveras⁽¹⁾, P. Armario⁽²⁾, P. Fernández-Llama⁽¹⁾, S. Vazquez⁽¹⁾,
P. Blanch⁽²⁾, F. Calero⁽¹⁾, A. Ramos-Galí⁽¹⁾, C. Sierra⁽¹⁾, C. Camps⁽¹⁾,
M. Crespo⁽¹⁾, A. De La Sierra⁽³⁾
⁽¹⁾Barcelona, ⁽²⁾Sant Joan Despí, ⁽³⁾Terrassa (SPAIN)

P.09.03 THE RELATIONSHIP BETWEEN ARTERIAL STIFFNESS AND ACUTE GAIN IN PERCUTANEOUS CORONARY INTERVENTION PATIENTS ACCORDING TO HYPERTENSION STATUS

J.B. Seo
Seoul (SOUTH KOREA)

P.09.04 CARDIOPROTECTION OF EMPAGLIFLOZIN IN RODENT VOLUME OVERLOAD HEART FAILURE: STRUCTURAL AND ELECTRICAL BENEFITS

M. Sykora, K. Ondrejka Andelova, T. Egan Benova, N. Andelova,
E. Goncalvesova, N. Tribulova, B. Szeiffova Bacova
Bratislava (SLOVAK REPUBLIC)



MAY 29 – 17:45-19:00

P.09.05 METABOLIC STRESS IN HYPERTENSIVE PATIENTS: EXPLORING A TWO-HIT HYPOTHESIS FOR DIASTOLIC DYSFUNCTION

D. Rodolico, S. Buralli, S. Manna, L. Giusti, S. Masi
Pisa (ITALY)

P.09.06 SPONTANEOUS CORONARY ARTERY DISSECTION AND FIBROMUSCULAR DYSPLASIA DO NOT SHARE THE SAME URINARY PROTEOMIC SIGNATURE

A. Latosinska⁽¹⁾, M.S. Stoeniu⁽²⁾, P. Delmotte⁽³⁾, R.M. Bruno⁽⁴⁾,
M. Lopez-Sublet⁽⁵⁾, M.A. Jaimés Campos⁽¹⁾, J.A. Staessen⁽⁶⁾, C. Delles⁽⁷⁾,
M. Vikkula⁽²⁾, H. Mischak⁽¹⁾, D. Adlam⁽⁸⁾, A. Persu⁽²⁾
⁽¹⁾Hannover (GERMANY), ⁽²⁾Brussels, ⁽³⁾Mons (BELGIUM), ⁽⁴⁾Paris,
⁽⁵⁾Bobigny (FRANCE), ⁽⁶⁾Mechelen (BELGIUM), ⁽⁷⁾Glasgow,
⁽⁸⁾Leicester (UNITED KINGDOM)

P.09.07 IMPACT OF ARTERIAL HYPERTENSION ON THE CLINICAL COURSE OF ATRIAL FIBRILLATION IN POST-COVID-19 PATIENTS

O. Stasyshena, O. Sychov, L. Mishchenko, T. Getman, O. Sribna,
T. Mikhaliieva
Kyiv (UKRAINE)

P.09.08 GROWTH DIFFERENTIATION FACTOR 15 IN HEART FAILURE: ASSOCIATIONS WITH IRON METABOLISM MARKERS AND EJECTION FRACTION SUBTYPES

M. Bicho, L. Aguiar, R. Ginete, J. Ferreira, M. Barbosa, A. Melício, C. Vaz
Carneiro, L. Menezes Falcão, Â. Inácio
Lisbon (PORTUGAL)

P.09.09 INTERDEPENDENCE OF LEFT AND RIGHT VENTRICULAR REMODELING IN HYPERTENSIVE PATIENTS WITH DIFFERENT CIRCADIAN BLOOD PRESSURE PATTERN

A. Rekhviashvili, N. Petriashvili
Tbilisi (GEORGIA)

P.09.10 SOLUBLE SST2 AS A PREDICTOR OF MAJOR CARDIOVASCULAR EVENTS IN HYPERTENSIVE HEART DISEASE

T. Shengelia, K. Nadaraia, L. Rlgvava, N. Nadiradze-Kuzanova
Tbilisi (GEORGIA)

P.09.11 ASSOCIATED FACTORS WITH IN-HOSPITAL MORTALITY OF HEART FAILURE AT THE YAOUNDE TEACHING HOSPITAL

C. Ngongang Ouankou, S.R. Simeni Njonnou, F. Nsia Kegni, S.P.
Choukem
Dschang (CAMEROON)

P.09.12 ASSOCIATION OF NOCTURNAL BLOOD PRESSURE WITH LEFT ATRIAL STRAIN AND STIFFNESS IN ELDERLY HYPERTENSIVE PATIENTS WITH ATRIAL FIBRILLATION

W. Zhang, Z.-H. Liu, Y.-L. Chen, L.-X. Hu, J.-H. Xia, X.-Y. Wang, Q. Jin,
Y. Li, J.-G. Wang
Shanghai (CHINA)

P.09.13 ARTERIAL HYPERTENSION ECHOCARDIOGRAPHY REGISTRY: CARDIAC TARGET ORGAN DAMAGE IN TREATED HYPERTENSIVE PATIENTS. A MULTICENTER CROSS-SECTIONAL STUDY.

D. Zaffora⁽¹⁾, D. Freytes⁽¹⁾, M. Mela⁽¹⁾, M. Camafort⁽²⁾, C. Vera⁽¹⁾, M. Secchi⁽¹⁾,
S. Benitez⁽¹⁾, M. Bosso⁽¹⁾, B. Cigalini⁽¹⁾, L. Caliotti⁽¹⁾
⁽¹⁾Rosario (ARGENTINA), ⁽²⁾Barcelona (SPAIN)

P.09.14 MONITORING OF VENTRICULAR TACHYARRHYTHMIAS IN PATIENTS WITH IMPLANTABLE CARDIOVERTER-DEFIBRILLATORS

D. Taizhanova⁽¹⁾, D. Nabok⁽¹⁾, A. Bokach⁽²⁾, R. Bodaubai⁽¹⁾
Karaganda (KAZAKHSTAN)



MAY 29 – 17:45-19:00

TOTEM 10

E-POSTER SESSION - Hypertension Phenotypes I

Chairpersons: M. Perez (Buenos Aires, ARGENTINA),
J. Lewandowski (Warsaw, POLAND)

- P.10.01** DIFFERENCES IN AMBULATORY BLOOD PRESSURE ACROSS RENIN-ALDOSTERONE PHENOTYPES
Z. Zhou, H. Miao, Z. Yin, X. Li, Y. Zhang
Beijing (CHINA)
- P.10.02** RESEARCH PROGRESS ON PSEUDOHYPOALDOSTERONISM TYPE II WITH CASE ANALYSIS OF 3 CASES
Q. Ge
Shanghai (CHINA)
- P.10.03** GENDER RELATED ORTHOSTATIC HYPERTENSION IN PATIENTS WITH ARTERIAL HYPERTENSION
S. Dodu
Chisinau (REPUBLIC OF MOLDOVA)
- P.10.04** THE PHENOTYPE OF ARTERIAL HYPERTENSION IN PATIENTS WITH DIABETIC KIDNEY DISEASE
N. Piko, R. Ekart, T. Petreski, L. Varda, N. Vreca, S. Bevc
Maribor (SLOVENIA)
- P.10.05** IDENTIFICATION OF DISTINCT CLINICAL PHENOTYPES IN HYPERTENSION: A CLUSTER ANALYSIS OF 10164 PATIENTS FROM A REGISTRY OF ARTERIAL HYPERTENSION
A. Aksenova⁽¹⁾, R. Makaryan⁽¹⁾, E. Gorbunova⁽²⁾, S. Makarov⁽²⁾, E. Elfimova⁽¹⁾, I. Chazova⁽¹⁾
⁽¹⁾Moscow, ⁽²⁾Kemerovo (RUSSIA)

- P.10.06** ASSOCIATION BETWEEN HYPERTENSION PHENOTYPES AND AORTIC VALVE PEAK VELOCITY: A POTENTIAL TOOL FOR IDENTIFYING WHITE-COAT HYPERTENSION
K. Kyriakoulis, D. Konstantinidis, G. Papadopoulos, A. Vakka, K. Papadomarkaki, P. Iliakis, K. Dimitriadis, K. Tsioufis
Athens (GREECE)
- P.10.07** HIGH PREVALENCE OF NOCTURNAL HYPERTENSION AND NON DIPPING IN PATIENTS WITH ALPHA-SYNUCLEINOPATHIES AND SYMPTOMS OF ORTHOSTATIC HYPOTENSION
S. Loueslati, A. Gandhi, N. Hankov, B. Thompson, L. Plata, G. Courtine, J. Bloch, G. Wuerzner, J. Bally
Lausanne (SWITZERLAND)
- P.10.08** CLINICAL FEATURES AND PREDICTORS OF MASKED UNCONTROLLED HYPERTENSION: INSIGHTS FROM THE CRETAN REGISTRY
S. Maragkoudakis⁽¹⁾, G. Lilikaki⁽¹⁾, G. Barrel⁽¹⁾, M. Marketou⁽²⁾
⁽¹⁾Chania, ⁽²⁾Heraklion (GREECE)
- P.10.09** HEMODIALYSIS-TRIGGERED RENO-PARENCHYMAL HYPERTENSION COMPLICATED BY PRES IN SYSTEMIC LUPUS ERYTHEMATOSUS
A.-M. Gafton, C.M. Gherasim, I.T. Ionita, S.I. Dumitrescu, A.E. Munteanu
Bucharest (ROMANIA)
- P.10.10** DIFFERENCES IN NOVEL CARDIOVASCULAR RISK BIOMARKERS BETWEEN NORMOTENSIVE AND HYPERTENSIVE PATIENTS- EH-UH 2
I. Stimac, A. Belancic, I. Pecin⁽²⁾, M. Bilobrk, L. Bilajac, M. Marinovic Glavic, J. Josipovic⁽²⁾, J. Kos⁽²⁾, A. Jelakovic^(1,2), M. Domislovic⁽²⁾, V. Prelevic⁽³⁾, D. Radunovic⁽³⁾, T. Zeljkovic Vrkic⁽²⁾, P. Susnjara⁽²⁾, M. Boljesic Dumancic⁽⁴⁾, M. Fucek⁽²⁾, Z. Reiner⁽²⁾, B. Jelakovic⁽²⁾
⁽¹⁾Rijeka, ⁽²⁾Zagreb (CROATIA), ⁽³⁾Podgorica (MONTENEGRO), ⁽⁴⁾Osijek (CROATIA)



MAY 29 – 17:45-19:00

P.10.11 COMPARISON OF DEMOGRAPHICS, CLINICAL AND BIOCHEMICAL FACTORS BETWEEN OBESE AND NON-OBESE YOUNG HYPERTENSIVE PATIENTS REFERRED TO THE TERTIARY CENTRE IN THE UK.

J. Gray, A. Barrell, I. Wilkinson
Cambridge (UNITED KINGDOM)

P.10.12 ANTHROPOMETRIC PARAMETERS SHAPE A DAYTIME-DOMINANT AMBULATORY BLOOD PRESSURE PHENOTYPE.

L. Woznicka-Leskiewicz, W. Lapa, G. Miczuga, N. Oglodzinska, B. Czech
Poznan (POLAND)

P.10.13 AMBULATORY BLOOD PRESSURE PHENOTYPES AND RAAS ACTIVITY IN PATIENTS WITH GLOMERULAR DISEASES

B. Komilova, K. Demyanova, N. Kozlovskaya, E. Kotova, T. Zhdanova,
Z. Kobalava
Moscow (RUSSIA)

P.10.14 ASSOCIATION BETWEEN LEFT ATRIAL REMODELING PARAMETERS AND FREQUENT GROUPED SUPRAVENTRICULAR EXTRASYSTOLES IN PATIENTS WITH ARTERIAL HYPERTENSION

G. Abdullaeva, K. Yusupova, S. Fayzullaeva, G. Radjabova, J. Safarov
Tashkent (UZBEKISTAN)

P.10.15 ASSESSMENT OF LEFT ATRIAL FUNCTION IN PATIENTS WITH ARTERIAL HYPERTENSION, A SYSTEMATIC REVIEW AND META-ANALYSIS

M. Kouremeti, D. Tsartsalis, P. Iliakis, S. Drogkaris, D. Konstantinidis,
K. Dimitriadis, I. Dimitroglou, C.-L. Ververeli, M. Koukos,
A. Kalompatsou, K. Aggeli, K. Tsioufis
Athens (GREECE)

P.10.16 PROGNOSTIC SIGNIFICANCE OF THE MAGNITUDE OF THE WHITE-COAT EFFECT IN HYPERTENSION

A. De La Sierra⁽¹⁾, N. Staplin⁽²⁾, E. Vinyoles⁽³⁾, L.M. Ruilope⁽⁴⁾
⁽¹⁾Terrassa (SPAIN), ⁽²⁾Oxford (UNITED KINGDOM), ⁽³⁾Barcelona,
⁽⁴⁾Madrid (SPAIN)

TOTEM 11

E-POSTER SESSION - Lifestyle Intervention

Chairpersons V.B. Halatiu (Targu Mures, ROMANIA),
M. Hellmann (Gdansk, POLAND),
T. Yates (Leicester, UNITED KINGDOM)

P.11.01 SOCIOECONOMIC AND LIFESTYLE DETERMINANTS OF SODIUM AND POTASSIUM INTAKE, AND THE NA/K RATIO: EH-UH 2 STUDY

M. Marinovic Glavic⁽¹⁾, M. Bilobrck⁽¹⁾, L. Bilajac⁽¹⁾, A. Belancic⁽¹⁾, M. Boljesic
Dumancic⁽²⁾, M. Domislovic⁽³⁾, M. Fucek⁽³⁾, A. Jelakovic^(1,3), J. Josipovic⁽³⁾,
J. Nikic⁽³⁾, I. Pecin⁽³⁾, A. Stupin⁽²⁾, P. Susnjara⁽²⁾, B. Jelakovic⁽³⁾
⁽¹⁾Rijeka, ⁽²⁾Osijek, ⁽³⁾Zagreb (CROATIA)

P.11.02 EIGHT MONTHS OF EXERCISE IMPROVES BALANCE, MOBILITY, FLEXIBILITY AND HANDGRIP STRENGTH IN ELDERLY WOMEN

L. Bilajac⁽¹⁾, A. Belancic⁽¹⁾, M. Marinovic Glavic⁽¹⁾, M. Bilobrck⁽¹⁾, K. Zulle⁽¹⁾,
A. Jeelakovic^(2,1), V. Vasiljev⁽¹⁾, D. Juraga⁽¹⁾, I. Stimac⁽¹⁾, K. Kuhar⁽¹⁾,
T. Rukavina⁽¹⁾, B. Jelakovic⁽²⁾
⁽¹⁾Rijeka, ⁽²⁾Zagreb (CROATIA)

P.11.03 EXERCISE-INDUCED CHANGES IN BLOOD PRESSURE AND PULSE RATE WITH A WEARABLE DEVICE IN RELATION TO CARDIAC STRUCTURE AND FUNCTION

Y. Chen, Y. Zhou, Y.-L. Chen, C.-M. Chan, X.-F. Ye, J.-H. Xia, Y. Li, J.-G.
Wang
Shanghai (CHINA)

P.11.04 PHYSICAL ACTIVITY IN OLDER PATIENTS WITH HYPERTENSION: IS THERE ROOM FOR IMPROVEMENT? RESULTS OF THE POLSENIOR2 SURVEY.

E. Zdrojewska⁽¹⁾, N. Skorzevska⁽²⁾, K. Jagiello⁽²⁾, T. Kostka⁽³⁾,
W. Ratkowski⁽²⁾, K. Wieczorkowska-Tobis⁽¹⁾
⁽¹⁾Poznan, ⁽²⁾Gdansk, ⁽³⁾Lodz (POLAND)



MAY 29 – 17:45-19:00

P.11.05 WORLD HYPERTENSION DAY: A WINDOW INTO HEALTH STATUS IN BIALYSTOK, POLAND- RESULTS FROM THE PRO-HEALTH CAMPAIGN 2025

W. Piotrowska, G. Dabrowska, P. Dabrowska, A. Zaniewska, M. Gawryluk, N. Piaszczyńska, M. Sebestjaniuk, K. Polubinska, J. Garkowska, W. Samelko, A. Lampkowska, K. Juchimowicz, J. Wiecko, P. Sielatycki, E. Zbroch
Białystok (POLAND)

P.11.06 NIGHTTIME AND DAYTIME URINE SODIUM EXCRETION, NIGHTTIME AND DAYTIME BLOOD PRESSURE AND NOCTURIA FREQUENCY IN PATIENTS WITH CHRONIC KIDNEY DISEASE

A. Karagiannidis, F. Iatridi, M. Theodorakopoulou, E. Karkamani, S. Manti, A. Georgiou, A. Baroutidou, S. Gerou, Z. Athanasiadou, C. Papadopoulos, P. Sarafidis
Thessaloniki (GREECE)

P.11.07 EFFECTS OF LOW ENERGY KETOGENIC DIET ON BLOOD PRESSURE, ARTERIAL STIFFNESS AND ENDOTHELIAL FUNCTION: A PROSPECTIVE INTERVENTIONAL STUDY

A. Carducci, P. Di Matteo, G. Ferrovicchio, F. Pingiotti, C. Ferri, D. Grassi
L'Aquila (ITALY)

P.11.08 INCREASED CARDIOMETABOLIC INDEX IS ASSOCIATED WITH IMPAIRED EXERCISE CAPACITY AND HEART FAILURE WITH PRESERVED EJECTION FRACTION IN OLD HYPERTENSIVES

M. Marketou⁽¹⁾, E. Kampanieris⁽¹⁾, N. Katsiki⁽²⁾, K. Fragkiadakis⁽¹⁾, P. Kalomoirakis⁽¹⁾, N. Kopidakis⁽¹⁾, I. Kopidakis⁽¹⁾, A. Moschovakis⁽¹⁾, A. Plevritaki⁽¹⁾, S. Kassotakis⁽¹⁾, S. Maragkoudakis⁽¹⁾, E. Simantirakis⁽¹⁾
⁽¹⁾Heraklion, ⁽²⁾Thessaloniki (GREECE)

P.11.09 FACING THE SILENT KILLER: AWARENESS OF HYPERTENSION COMPLICATIONS IN A PRO-HEALTH CAMPAIGN, BIALYSTOK, POLAND, 2025

K. Polubinska, M. Sebestjaniuk, N. Piaszczyńska, W. Piotrowska, M. Gawryluk, A. Zaniewska, G. Dabrowska, P. Dabrowska, J. Wiecko, M. Skarzynska, P. Swieton, J. Slon, E. Mioduszewska, M. Gryciuk, P. Sielatycki, E. Zbroch
Białystok (POLAND)

P.11.10 THE ACUTE EFFECT OF EXERCISE TYPE AND TIMING ON AMBULATORY BLOOD PRESSURE AND INTRA-OCULAR PRESSURE IN INDIVIDUALS WITH GLAUCOMA: PROTOCOL FOR TWO RANDOMIZED CROSSOVER TRIALS

M. Renier, S. Keersmaekers, J. Claes, N. Cauwenberghs, T. Kuznetsova, E. Ntalianis, A. Van Craenenbroeck, K. Goetschalckx, J. Van Eijgen, I. Stalmans, V. Cornelissen
Leuven (BELGIUM)

P.11.11 EFFECTS OF KIWI FRUIT ON 24HS ABPM AND ARTERIAL STIFFNESS IN OVERWEIGHT MILD NAÏVE HYPERTENSIVES

M. Sanchez⁽¹⁾, S. Echizarto⁽²⁾, M. Mirada⁽²⁾, A. Ramirez⁽²⁾, R. Sanchez⁽²⁾
⁽¹⁾Dallas (USA), ⁽²⁾Buenos Aires (ARGENTINA)

P.11.12 INFLUENCE OF OBSTRUCTIVE SLEEP APNEA-HYPOPNEA SYNDROME SEVERITY ON QUALITY OF LIFE AND EXERCISE CAPACITY IN PATIENTS WITH HYPERTENSION

M. Stojanovic, M. Deljanin Ilic, L. Ristic, Z. Stamenkovic, G. Koracevic, D. Gojkovic, J. Kostic, D. Petrovic
Nis (SERBIA)

P.11.13 BEYOND BLOOD PRESSURE NUMBERS: WHEN BLOOD PRESSURE CONTROL CHANGES MORE THAN THE HEART

M. Sá, R. Terêncio, A.B. Couto, A. Leão, F. Abecasis, P. Beirão, V. Cunha
Almada (PORTUGAL)



MAY 29 – 17:45-19:00

P.11.14 CO-PRODUCING PATIENT-LED LIFESTYLE AND SELF-MANAGEMENT GUIDANCE FOR ATRIAL FIBRILLATION: METHODS AND ITERATIVE OUTPUTS FROM THE PALP-AF STUDY

R. Cross⁽¹⁾, S.T.J. McDonagh⁽¹⁾, J. Fordham⁽²⁾, M. Ghandi⁽¹⁾, R. Taylor⁽³⁾,
C.E. Clark⁽¹⁾

⁽¹⁾Exeter, ⁽²⁾Devon, ⁽³⁾Glasgow (UNITED KINGDOM)

TOTEM 12

E-POSTER SESSION - Older Persons

Chairpersons: J. Gasowski (Krakow, POLAND),
F.M. Gonçalves (Loures, PORTUGAL),
E.M. Horváth (Budapest, HUNGARY)

P.12.01 TESTOSTERONE EXACERBATES THE LEFT VENTRICULAR HYPERTROPHY IN OVARECTOMIZED SHR RATS BY SUPPRESSING UBIQUITIN-PROTEASOME ACTIVITY THROUGH THE AMPK-FOXO1-MURF1 SIGNALING PATHWAY

J. Zhu, W. Wang, J. Yu
Lanzhou (CHINA)

P.12.02 ASSOCIATION OF THE LEVEL OF FRAILTY WITH SYMPTOMS OF ANXIETY AND DEPRESSION IN HYPERTENSIVE VERY OLD COMMUNITY-DWELLING PATIENTS

A. Vakka, K. Kyriakoulis, E. Paschalinopoulos, A. Chasikidi,
G. Papadopoulos, K. Papadomarkaki, P. Iliakis, A. Damianaki,
E. Kalliakouda, F. Tatakis, D. Sourelli, C. Fragkoulis, A. Kasiakogias,
K. Dimitriadis, D. Konstantinidis, K. Tsioufis
Athens (GREECE)

P.12.03 ARTERIAL STIFFNESS ASSESSED BY BRACHIAL-ANKLE PULSE WAVE VELOCITY PREDICTS FUNCTIONAL DEPENDENCY IN COMMUNITY-DWELLING OLDER JAPANESE ADULTS: THE WAKAYAMA STUDY

M. Sakaguchi⁽¹⁾, N. Miyai⁽¹⁾, H. Takase⁽²⁾, Y. Sougawa⁽¹⁾, H. Hayakawa⁽¹⁾,
M. Kashiba⁽¹⁾, Y. Sakamoto⁽¹⁾, T. Kawabe⁽¹⁾, M. Arita⁽¹⁾
⁽¹⁾Wakayama, ⁽²⁾Tokyo (JAPAN)

P.12.04 ASSOCIATION AMONG BLOOD PRESSURE, FRAILTY, AND SOCIAL DISPARITY IN OLDER ADULTS: ANALYSIS OF KNHANES 2016-2020

K.I. Kim⁽¹⁾, D.R. Ryu⁽²⁾, H.-Y. Lee⁽³⁾, J.-Y. Choi⁽¹⁾, M.-C. Cho⁽⁴⁾, C.-H. Kim⁽¹⁾
⁽¹⁾Seongnam, ⁽²⁾Chuncheon, ⁽³⁾Seoul, ⁽⁴⁾Cheongju (SOUTH KOREA)



MAY 29 – 17:45-19:00

P.12.05 FRAILITY, NOT BLOOD PRESSURE, PREDICTS LONG-TERM MORTALITY IN COMMUNITY-DWELLING OCTOGENARIANS: A 12-YEAR FOLLOW-UP

T. Dereziński⁽¹⁾, K. Piotrowicz⁽²⁾, J. Siódmak⁽⁵⁾, F.H. Messerli^(3,4,2),
T. Grodzicki⁽²⁾, J. Gasowski⁽²⁾
⁽¹⁾Gniewkowo, ⁽²⁾Kraków (POLAND), ⁽³⁾Luzern, ⁽⁴⁾Bern (SWITZERLAND),
⁽⁵⁾Bydgoszcz (POLAND)

P.12.06 CLINICAL CHARACTERISTICS OF VERY OLD COMMUNITY-DWELLING HYPERTENSIVE PATIENTS

A. Vakka, D. Konstantinidis, K. Kyriakoulis, A. Chasikidi, G.
Papadopoulos, E. Paschalopoulos, K. Papadomarkaki, P. Iliakis, F.
Tatakis, A. Damianaki, E. Kalliakouda, E. Manta, A. Kasiakogias,
K. Dimitriadis, K. Tsioufis
Athens (GREECE)

P.12.07 IMPACT OF CARDIOVASCULAR REHABILITATION ON ARTERIAL BLOOD PRESSURE AND QT DISPERSION IN PATIENTS AFTER MYOCARDIAL INFARCTION - WHETHER THE AGE HAS AN EFFECT ON BENEFIT

V. Stoickov, I. Tasic, S. Kostic, F. Stoickov, I. Stoickov
Nis (SERBIA)

P.12.08 BLOOD PRESSURE LOWERING EFFICACY OF SACUBITRIL/ ALLISARTAN VERSUS Olmesartan In Elderly Chinese Hypertensive Patients

W. Zhang, J. Yan⁽²⁾, J. Zhang, Q. Ge, X.-H. Lu, W.-J. Xu⁽²⁾, J.-C. Sun⁽²⁾, S.-M.
Mu⁽²⁾, Y. Chen⁽²⁾, Z.-C. Liu⁽²⁾, Q. Wang⁽²⁾, X.-N. Zhou⁽²⁾, Y. Li⁽¹⁾, J.-G. Wang⁽¹⁾
⁽¹⁾Shanghai, ⁽²⁾Shenzhen (CHINA)

P.12.09 SHORT TERM BLOOD PRESSURE VARIABILITY IS ASSOCIATED WITH PHYSICAL AND COGNITIVE FRAILITY IN OLDER ADULTS WITH ARTERIAL HYPERTENSION

N. Pardini⁽¹⁾, G. Rivasi⁽²⁾, A. Mengozzi⁽¹⁾, M. Capacci⁽²⁾, V. Calsolaro⁽¹⁾,
M. Napoleone⁽¹⁾, G. Basile⁽³⁾, R. Presta⁽⁴⁾, E. Brunetti⁽⁴⁾, M. Bo⁽⁴⁾,
A. Ungar⁽²⁾, A. Virdis⁽¹⁾
⁽¹⁾Pisa, ⁽²⁾Firenze, ⁽³⁾Messina, ⁽⁴⁾Torino (ITALY)

P.12.10 PREVALENCE AND CLINICAL IMPACT OF POLYPHARMACY IN GERIATRIC PATIENTS WITH HYPERTENSION

Y.Z. Sener
Gaziantep (TURKEY)

P.12.11 AMBULATORY BLOOD PRESSURE VARIABILITY AND FRAILITY: A COMPARISON OF FOUR FRAILITY ASSESSMENT TOOLS FROM THE C-FRAIL STUDY

E.A. Mensah⁽¹⁾, M. Wright⁽¹⁾, M. Bates⁽¹⁾, J. Masoli⁽²⁾, S. Sacre⁽¹⁾, M. Okorie⁽¹⁾,
C. Rajkumar⁽¹⁾
⁽¹⁾Brighton, ⁽²⁾Exeter (UNITED KINGDOM)

P.12.12 THE MAGNITUDE OF DIPPING IS ASSOCIATED WITH FRAILITY AND VASCULAR AGEING IN COMMUNITY-DWELLING OLDER ADULTS OVER 65YEARS

E.A. Mensah⁽¹⁾, M. Wright⁽¹⁾, M. Bates⁽¹⁾, J. Masoli⁽²⁾, S. Sacre⁽¹⁾, M. Okorie⁽¹⁾,
C. Rajkumar⁽¹⁾
⁽¹⁾Brighton, ⁽²⁾Exeter (UNITED KINGDOM)

P.12.13 PROGRESSION OF WHITE COAT HYPERTENSION TO SUSTAINED HYPERTENSION IN A LARGE PRIMARY CARE COHORT OF OLDER ADULTS

P. Kadam, S.A. Areekal, J. Delgado, C. Rajkumar⁽²⁾, J. Masoli
⁽¹⁾Exeter, ⁽²⁾Brighton (UNITED KINGDOM)



MAY 29 – 17:45-19:00

TOTEM 13

E-POSTER SESSION - Pathophysiology and Mechanisms I

Chairpersons: **J. Jug (Zagreb, CROATIA),
P. Winklewski (Gdańsk, POLAND),
T. Zera (Warsaw, POLAND)**

**P.13.01 ASSOCIATION BETWEEN PULSE PRESSURE AND COGNITIVE
FUNCTION: A SYSTEMATIC REVIEW AND META-ANALYSIS**

K. Venkatesh, O. Gaunt, R. McNally, M. Cecelja
London (UNITED KINGDOM)

**P.13.02 GENETIC PLEIOTROPY BETWEEN PRIMARY ALDOSTERONISM
AND HYPERTENSION MAPS TO ADRENAL CELL STATES**

Z. Sun, C. Jing, T.A. Williams
Munich (Munich)

**P.13.03 ASSOCIATION BETWEEN PULSE PRESSURE AND MARKERS OF
COGNITIVE FUNCTION: A SYSTEMATIC REVIEW AND META-
ANALYSIS**

O. Gaunt, K. Venkatesh, R. McNally, M. Cecelja
London (UNITED KINGDOM)

**P.13.04 MULTIOMICS REVEALS DISTINCT IMMUNE-METABOLIC
REPROGRAMMING IN EARLY- AND LATE-ONSET PREECLAMPSIA**

Y. Chen⁽¹⁾, L. Wu⁽²⁾, D. Huang⁽³⁾, X. Wu⁽²⁾, K. Liu⁽¹⁾, B. Sun⁽²⁾, J. Yang⁽²⁾,
B. Zhang⁽³⁾, Z. Ouyang⁽²⁾, C. Zhang⁽¹⁾, L. Tan⁽³⁾, J. Niu⁽²⁾
⁽¹⁾Zhengzhou, ⁽²⁾Shenzhen, ⁽³⁾Chongqing (CHINA)

**P.13.05 GENETIC VARIANTS IN PEDIATRIC RENOVASCULAR
HYPERTENSION: A SINGLE-CENTER STUDY**

J.Y. Kim, H. Cho
Seoul (SOUTH KOREA)

**P.13.06 ROLE OF INFLAMMATION AND FIBROSIS AS ADDITIONAL RISK
FACTORS FOR ATRIAL FIBRILLATION HYPERTENSIVE PATIENTS
WITH PRESERVED EJECTION FRACTION HEART FAILURE:
A RETROSPECTIVE ANALYSIS**

L. Hazarapetyan, S. Grigoryan, P. Zelveian
Yerevan (ARMENIA)

**P.13.07 ACUTE PRELOAD REDUCTION AS A PREDICTOR OF CARDIAC
STRUCTURAL AND FUNCTIONAL CHANGES INDUCED BY
ANTIHYPERTENSIVE THERAPY**

M. Rory, R. McNally, B. Farukh, P. Chowienzyk, L. Faconti
London (UNITED KINGDOM)

**P.13.08 REGULATORY ROLE OF PLACENTAL MICRORNAs miR-26b-5p
AND miR-498-5p IN HYPERTENSIVE DISORDERS OF PREGNANCY**

C. Anna Joy, R. Adela
Guwahati (INDIA)

**P.13.09 BONE MORPHOGENETIC PROTEIN 9 AS A NOVEL REGULATOR
OF HYPERTENSION: TARGETING VSMC PHENOTYPIC SWITCHING
FOR VASCULAR REMODELING**

H. Xue, S. Zhang
Beijing (CHINA)

**P.13.10 PERSISTENT METABOLIC DYSREGULATION LINKS
INFLAMMATION WITH ENDOTHELIAL
AND MICROVASCULAR DYSFUNCTION IN LONG COVID**

P. Mierzejewska, A. Jozwiak, A. Lewandowska, D. Sawicka,
A. Jedrzejewska, A. Braczko, M. Romanowska-Kocejko, M. Zarczynska-
Buchowiecka, M. Deptula, M. Zawrzykraj, M. Pikula, B. Kutryb-Zajac,
M. Hellmann
Gdansk (POLAND)



MAY 29 – 17:45-19:00

P.13.11 ENDOCRINE DISRUPTORS, SHORT-CHAIN PER- AND POLYFLUOROALKYL SUBSTANCES, PROMOTE ALDOSTERONE SECRETION IN HUMAN ADRENOCORTICAL CELLS

M. Melloni, B. Caroccia, G. Pallafacchina, A. Tedde, I. Caputo, N. Khatoun, M. Piazza, G. Costa, G.P. Rossi, T.M. Seccia
Padova (ITALY)

P.13.12 HEMODYNAMIC EVOLUTION OF HEART FAILURE FROM HYPERTENSION: REDUCED STROKE VOLUME INDEX AND INCREASED HEART RATE

J. Izzo, S. Srungavarapu, C. Khatri, F. Shalini, P. Osmond
Buffalo (USA)

P.13.13 CARDIOVASCULAR REMODELING AND INFLAMMATORY BIOMARKERS IN PATIENTS WITH ARTERIAL HYPERTENSION

O. Pavlova, N. Yasiukaits, T. Denisevich, O. Barbuk, N. Zatoloka, I. Russkikh
Minsk (BELARUS)

P.13.14 MID-REGIONAL PRO-ADRENOMEDULLIN AND CARDIOVASCULAR COMPLICATIONS IN STABLE INTERNAL MEDICINE PATIENTS – PRELIMINARY DATA.

A. Krepsztul-Jemielita, P. Pietraszko, M. Zorawski, E. Bielecka-Richter, E. Zbroch
Bialystok (POLAND)

P.13.15 CIRCULATING BIOMARKERS IN MALIGNANT HYPERTENSION: INSIGHTS FROM THE IVAMA STUDY

R.B. Boulestreau⁽¹⁾, T. D Izarny-Gargas⁽²⁾, A. Lorthioir⁽²⁾, J. Ranchio⁽²⁾, A. Lavigne⁽²⁾, P. Breillat⁽²⁾, M. Lopez-Sublet⁽²⁾, E. Vidal Petiot⁽²⁾, B. Duly-Bouhanick⁽³⁾, J.-M. Halimi⁽⁴⁾, P.-L. Tharoux⁽²⁾, O. Lenoir⁽²⁾
⁽¹⁾Bordeaux, ⁽²⁾Paris, ⁽³⁾Toulouse, ⁽⁴⁾Tours (FRANCE)

TOTEM 14

E-POSTER SESSION - Pharmacotherapy I

Chairpersons: **Z. Gaciong** (Warsaw, POLAND),
L. Nogueira-Silva (Porto, PORTUGAL),
J. Widimsky Jr (Praha, CZECH REPUBLIC)

P.14.01 IMPACT OF BETA BLOCKERS ON MEMORY: SYSTEMATIC REVIEW OF NEUROPSYCHOLOGICAL FINDINGS

M.S. Wloka, R. Kreutz, T. Riemer
Berlin (GERMANY)

P.14.02 EFFECT OF A NEW TRIPLE SINGLE-PILL COMBINATION ON ORTHOSTATIC HYPOTENSION AND SYMPTOMATIC HYPOTENSION

T. Wang, A. Carroll, S. Van Der Hoorn, S. Gnanenthiran, A. Salam, W. Cushman, H.A. de Silva, G. Tanna, D. Grobbee, K. Narkiewicz, D. Ojji, N. Poulter, M. Schlaich, W. Spiering, B. Williams, J. Wright, P. Whelton, A. Rodgers, A. Schutte
Sydney (AUSTRALIA)

P.14.03 HIGH RATE OF UNCONTROLLED BLOOD PRESSURE DESPITE MULTIDRUG THERAPY IN ELECTIVE PERCUTANEOUS CORONARY INTERVENTION PATIENTS

K. Labr⁽¹⁾, L. Filka⁽²⁾
⁽¹⁾Brno, ⁽²⁾Prague (CZECH REPUBLIC)

P.14.04 MORTALITY BENEFIT OF HR-LOWERING TREATMENT AFTER ACUTE MYOCARDIAL INFARCTION ACROSS PRE-REPERFUSION AND REPERFUSION ERAS: A META-ANALYSIS

E. Sanidas, M. Velliou, I. Zarifis, A. Papalysandrou, R. Papparidou, O. Kourti, A. Zografou, D. Papadopoulos, C. Thomopoulos
Athens (GREECE)



MAY 29 – 17:45-19:00

**P.14.05 REGIONAL DIVERGENCE IN BETA-BLOCKER POSITIONING:
WESTERN VERSUS ASIAN HYPERTENSION GUIDELINES (2020-
2025)**

R. Kreutz⁽¹⁾, B.L. Rayner⁽²⁾, E.H. Mustapha⁽³⁾, Y. Ben Ameer⁽⁴⁾,
S. Mohamed⁽⁵⁾, D. Al Rammahy⁽⁶⁾, N. Batah⁽⁶⁾
⁽¹⁾Berlin (GERMANY), ⁽²⁾Cape Town (SOUTH AFRICA), ⁽³⁾Marrakesh
(MOROCCO), ⁽⁴⁾Tunis (TUNISIA), ⁽⁵⁾Gurugram (INDIA), ⁽⁶⁾Dubai (UNITED
ARAB EMIRATES)

**P.14.06 MULTIDISCIPLINARY COMPREHENSIVE MEDICATION
MANAGEMENT OPTIMIZES CARDIOMETABOLIC OUTCOMES IN
CARDIO-RENAL-METABOLIC DISEASE**

H. Orehovacki, M. Kuljanac, I. Prkacin, L.A. Bicanic, A. Brajkovic,
I. Gudelj, L. Bosnar Zelenika, I. Mucalo
Zagreb (CROATIA)

**P.14.07 EFFICACY AND SAFETY OF NEBIVOLOL AS COMPARED TO
PLACEBO OR OTHER BETA-BLOCKERS IN HYPERTENSIVE
PATIENTS: A SYSTEMATIC REVIEW AND NETWORK
META-ANALYSIS**

R. Kreutz⁽¹⁾, B.L. Rayner⁽²⁾, E.H. Mustapha⁽³⁾, Y. Ben Ameer⁽⁴⁾,
S. Mohamed⁽⁵⁾, D. Al Rammahy⁽⁶⁾, N. Batah⁽⁶⁾
⁽¹⁾Berlin (GERMANY), ⁽²⁾Cape Town (SOUTH AFRICA), ⁽³⁾Marrakesh
(MOROCCO), ⁽⁴⁾Tunis (TUNISIA), ⁽⁵⁾Gurugram (INDIA), ⁽⁶⁾Dubai (UNITED
ARAB EMIRATES)

**P.14.08 INCIDENCE OF HYPOKALEMIA IN PATIENTS WITH THIAZIDE AND
THIAZIDE-LIKE DIURETIC THERAPY - A PERSPECTIVE FROM
FAMILY MEDICINE**

J. Jug⁽¹⁾, P. Horvat⁽²⁾, F. Ivusic⁽³⁾
⁽¹⁾Zagreb, ⁽²⁾Krapina, ⁽³⁾Zadar (CROATIA)

**P.14.09 EFFECTS OF A NEW LOW DOSE TRIPLE SINGLE PILL
ANTIHYPERTENSIVE COMBINATION ON ELECTROLYTES AND
CREATININE COMPARED TO PLACEBO AND DUAL THERAPIES**

S. Gnanenthiran⁽¹⁾, M. Shanthakumar⁽¹⁾, A. Carroll⁽¹⁾, A. Salam⁽¹⁾,
W. Cushma⁽²⁾, A. de Silva⁽³⁾, G.L. Di Tanna⁽¹⁾, D. Grobbee⁽¹⁾,
K. Narkiewicz⁽¹⁾, D. Ojji⁽⁴⁾, N. Poulter⁽⁵⁾, M. Schlaich⁽¹⁾, W. Spiering⁽⁶⁾,
B. Williams⁽⁵⁾, J. Wright⁽⁷⁾, P. Whelton⁽⁸⁾, A. Schutte⁽¹⁾, A. Rodgers⁽¹⁾
⁽¹⁾Sydney (AUSTRALIA), ⁽²⁾Memphis (USA), ⁽³⁾Kelaniya (SRI
LANKA), ⁽⁴⁾Abuja (NIGERIA), ⁽⁵⁾London (UNITED KINGDOM), ⁽⁶⁾Utrecht
(NETHERLANDS), ⁽⁷⁾Cleveland (USA), ⁽⁸⁾New Orleans (USA)

**P.14.10 ANTIHYPERTENSIVE DRUG CONSUMPTION HABITS AND BLOOD
PRESSURE CONTROL RATE IN HUNGARY BASED ON THE ABPM
REGISTRY**

V. Baracsi-Botos⁽¹⁾, J. Takács⁽¹⁾, D.T. Pásztor⁽¹⁾, Z. Kekk⁽³⁾, J. Nemcsik⁽¹⁾,
N. Habony⁽¹⁾, D.Páll⁽²⁾, Á. Koller⁽¹⁾, Z. Járjai⁽¹⁾
⁽¹⁾Budapest, ⁽²⁾Debrecen, ⁽³⁾Gyor (HUNGARY)

**P.14.11 TRENDS IN PHARMACOTHERAPY OF ARTERIAL HYPERTENSION
IN THE CZECH REPUBLIC BETWEEN 2011-2024**

J. Vaclavik⁽¹⁾, J. Parenica⁽²⁾, Z. Ramik⁽¹⁾, J. Jarkovsky⁽²⁾, K. Benesova⁽³⁾
⁽¹⁾Ostrava, ⁽²⁾Brno, ⁽³⁾Prague (CZECH REPUBLIC)

**P.14.12 A COMPARATIVE PILOT STUDY OF PLASMA RENIN ACTIVITY
GUIDED VERSUS USUAL TREATMENT IN PATIENTS WITH
UNTREATED YOUNG ADULTS**

I.S. Sohn, I.-H. Yang
Seoul (SOUTH KOREA)

**P.14.13 EFFICACY AND SAFETY OF INITIAL LOW-DOSE TRIPLE
COMBINATION THERAPY FOR HYPERTENSION: A SYSTEMATIC
REVIEW AND META-ANALYSIS**

M.-Y. Rhee⁽¹⁾, J.-S. Jang⁽¹⁾, K.H. Kim⁽¹⁾, J. Chung⁽¹⁾, E.M. Lee⁽¹⁾, J.S. Park⁽¹⁾,
J. Jung⁽¹⁾, H.-Y. Kim⁽²⁾, G. Parati⁽³⁾
⁽¹⁾Goyang, ⁽²⁾Seoul (SOUTH KOREA), ⁽³⁾Milan (ITALY)



MAY 29 – 17:45-19:00

P.14.14 EPLERENONE ADD ON TO PERINDOPRIL AND INDAPAMIDE IMPROVES BLOOD PRESSURE CONTROL AND REVERSAL OF CARDIOVASCULAR REMODELING IN HIGH RISK PATIENTS WITH ARTERIAL HYPERTENSION AND TYPE

D. Kapsultanova, Z. Zhangelova, A. Sugraliyev, G. Nurgalieva, Z. Makasheva, B. Aubakirova, O. Sakhov
Almaty (KAZAKISTAN)

P.14.15 MULTICENTER NON-INTERVENTIONAL STUDY OF FIXED-DOSE AMLODIPINE/VALSARTAN AND AMLODIPINE/VALSARTAN/HYDROCHLOROTHIAZIDE IN THE MANAGEMENT OF ARTERIAL HYPERTENSION IN ARMENIA (CHOICE)

H. Hayrapetyan, P. Karakhanyan, M. Tadevosyan, K. Azaryan, H. Avoyan, A. Maghakelyan, M. Stamboltsyan, G. Martirosyan, A. Stepanyan, K. Karapetyan, S. Sargsyan, V. Kalantaryan, M. Sargsyan
Yerevan (ARMENIA)

TOTEM 15

E-POSTER SESSION - Real-World Evidence Research I

Chairpersons: C. Grassos (Melissia, GREECE),
P. Guimarães Cunha (Guimarães, PORTUGAL)

P.15.01 SEX DIFFERENCES AND TREATMENT GAPS IN UNCONTROLLED HYPERTENSION: REAL-WORLD EVIDENCE FROM GERMANY

J. Weil⁽¹⁾, M. Roos⁽²⁾, J. Sauer⁽³⁾, E. Ziegler⁽³⁾, F. Mader⁽⁴⁾
⁽¹⁾Lübeck, ⁽²⁾Munich, ⁽³⁾Hamburg, ⁽⁴⁾Nittendorf (GERMANY)

P.15.02 ALDOSTERONE DYSREGULATION IN HYPERTENSIVE CRISES: A NEW ENDOCRINE-RENAL RISK MODEL

N. Renna, L. Graziani, E. Ramirez, M.D.L.A. Tenuta, J. Ramirez
Mendoza (ARGENTINA)

P.15.03 THE OPTIMAL BLOOD PRESSURE TARGET FOR ANTIHYPERTENSIVE TREATMENT: A TARGET TRIAL EMULATION USING BIG DATA

Z. Ran
Hong Kong (HONG KONG SAR, CHINA)

P.15.04 CLINICAL OUTCOMES OF ACUTE MYOCARDIAL INFARCTION WITHOUT STANDARD MODIFIABLE CARDIOVASCULAR RISK FACTORS: A KOREAN NATIONWIDE REGISTRY STUDY

S. Oh, J.H. Kim⁽¹⁾, K.H. Cho⁽¹⁾, M.C. Kim⁽¹⁾, D.S. Sim⁽¹⁾, Y.J. Hong⁽¹⁾, J.H. Lee⁽²⁾, C.-H. Yoon⁽³⁾, W. Kim⁽⁴⁾, J.-Y. Hwang⁽⁵⁾, Y. Ahn⁽¹⁾, M.H. Jeong⁽¹⁾
⁽¹⁾Gwangju, ⁽²⁾Daegu, ⁽³⁾Seongnam, ⁽⁴⁾Seoul, ⁽⁵⁾Jinju (SOUTH KOREA)



MAY 29 – 17:45-19:00

P.15.05 TITLE: LEFT ATRIAL STRAIN IMPAIRMENT IN HYPERTENSION AND ITS ASSOCIATION WITH SUPRAVENTRICULAR ARRHYTHMIA BURDEN: A PROSPECTIVE 12-MONTH SPECKLE-TRACKING STUDY

L. Anghel, L.-C. Benchea, N. Dubei, R.-L. Zanzfirescu, G.-S. Birgoan, M. Balasanian, R.-A. Sascau^(1,2), C. Statescu^(1,2)
Iasi (ROMANIA)

P.15.06 HEALTH INSURANCE COMPANY INTERVENTION LEADS TO INCREASED FIXED-DOSE COMBINATION UTILIZATION

M. Selvek, B. Saal, R. Muzik, A. Vachulová
Bratislava (SLOVAK REPUBLIC)

P.15.07 SYMPTOMS REPORTED BY PATIENTS PERFORMING HOME BLOOD PRESSURE MONITORING: REAL-WORLD DATA FROM THE HY-RESULT WEB APP

N. Postel-Vinay, B. Pariente, L. Amar
Paris (FRANCE)

P.15.08 CARDIAC REHABILITATION: CAN THIS CHOICE CHANGE YOUR FUTURE PROGNOSIS?

F. Saladini, L. Bignami, G. Povoio, D. Cicerone, S. Butera, P. Buja, G. Paschetto
Padova (ITALY)

P.15.09 REAL-WORLD DETERMINANTS OF BLOOD PRESSURE CONTROL AND SHORT-TERM BLOOD PRESSURE CHANGES IN PATIENTS WITH CHRONIC KIDNEY DISEASE

N. Vreca, T. Petreski, L. Varda, N. Piko, M. Znidarsic, R. Ekart, S. Bevc
Maribor (SLOVENIA)

P.15.10 HYPERTRIGLYCERIDEMIA IN YOUNGER VERSUS OLDER ADULTS WITH TYPE 2 DIABETES MELLITUS: INSIGHTS FROM A REAL-WORLD PROSPECTIVE OBSERVATIONAL STUDY IN INDIA

A.K. Saxena⁽¹⁾, S. Singla⁽²⁾, R. Gupta⁽³⁾, A. Singh⁽⁴⁾, S. Jaiswal⁽⁵⁾, S. Patil⁽⁶⁾, H. Kaur⁽⁷⁾, R. Regulla⁽⁸⁾
⁽¹⁾Ludhiana, ⁽²⁾Patiala, ⁽³⁾New Delhi, ⁽⁴⁾Vadodara, ⁽⁵⁾Raipur, ⁽⁶⁾Mumbai, ⁽⁷⁾Ludhiana, ⁽⁸⁾Hyderabad (INDIA)

P.15.11 MISSION 75/28: A NATIONAL INITIATIVE TO ENHANCE HYPERTENSION CONTROL IN LITHUANIA

M. Miglinas⁽¹⁾, G. Urbonas⁽²⁾, T. Lapinskas⁽²⁾
⁽¹⁾Vilnius, ⁽²⁾Kaunas (LITHUANIA)

P.15.12 IMPLEMENTATION OF A COMMUNITY-BASED STRATEGY FOR HYPERTENSION CONTROL IN COLOMBIA: RESULTS OF THE RE-HOPE STUDY

P. López-Jaramillo⁽¹⁾, J. Otero-Wandurraga⁽¹⁾, A. Castañeda-Hernandez⁽¹⁾, D. Martínez-Bello⁽¹⁾, C. García-Moreno⁽¹⁾, J.P. López-López⁽¹⁾, L.M. Herrera-Sánchez⁽¹⁾, P. Gutierrez⁽²⁾, D. Hernandez-Quíñónez⁽²⁾
⁽¹⁾Bucaramanga, ⁽²⁾Floridablanca (COLOMBIA)

P.15.13 HYPERTENSION AS A MAJOR DRIVER OF PRIMARY HEALTHCARE VISITS: FOLLOW-UP PRACTICES AND RISK-BASED PRIORITIZATION

B. Brynedal
Stockholm (SWEDEN)



MAY 29 – 17:45-19:00

TOTEM 16

E-POSTER SESSION - Risk Factors I

Chairpersons: **L. Bronze (Lisbon, PORTUGAL),
E. Russo (Genoa, ITALY),
M. Tundybaeva (KAZAKHSTAN)**

P.16.01 TREATMENT AND AWARENESS OF CARDIOVASCULAR RISK FACTORS OVER A SIX-YEAR PERIOD IN SWICOS PARTICIPANTS

D. Radovanovic⁽¹⁾, R. Schoenenberger-Berzins⁽²⁾, F. Muggli⁽¹⁾, A. Gallino⁽³⁾, G. Parati⁽⁴⁾, P. Suter⁽⁵⁾, A. Schoenenberger⁽⁶⁾
⁽¹⁾Lugano, ⁽²⁾Luzern, ⁽³⁾Bellinzona (SWITZERLAND), ⁽⁴⁾Milano (ITALY),
⁽⁵⁾Zürich, ⁽⁶⁾Bern (SWITZERLAND)

P.16.02 RELATIONSHIP BETWEEN ANXIETY, DEPRESSION, SLEEP QUALITY, AND CARDIOVASCULAR RISK FACTORS IN CIVILIAN HYPERTENSIVE PATIENTS

O. Matova, L. Mishchenko
Kyiv (UKRAINE)

P.16.03 EX-SMOKERS FACE GREATER CARDIO-KIDNEY-METABOLIC RISK AND BLOOD PRESSURE THAN CURRENT SMOKERS AND THOSE WHO HAVE NEVER SMOKED. EHUH 2 STUDY

A. Kucina, T. Tokic, J. Josipovic⁽¹⁾, M. Marinovic Glavic⁽²⁾, M. Bilobrk⁽²⁾, L. Bilajac⁽²⁾, J. Kos⁽¹⁾, A. Jelakovic^(2,1), M. Domislovic⁽⁷⁾, V. Prelevic⁽³⁾, D. Radunovic⁽³⁾, I. Cepanec, B. Mandaric, I. Pecin⁽¹⁾, T. Zeljkovic Vrkic⁽¹⁾, M. Fucek⁽¹⁾, P. Susnjara⁽⁴⁾, M. Boljesic Dumancic⁽⁴⁾, B. Jelakovic⁽¹⁾
⁽¹⁾Zagreb, ⁽²⁾Rijeka (CROATIA) ⁽³⁾Podgorica (MONTENEGRO), ⁽⁴⁾Osijek (CROATIA)

P.16.04 ASSOCIATION BETWEEN SERUM VITAMIN D LEVEL AND CARDIOVASCULAR DISEASE IN HYPERTENSIVE TYPE 2 DIABETES PATIENTS

A. Bachir Cherif, S. Bennouar, Y. Djebbar
Blida (ALGERIA)

P.16.05 EFFECTS OF ROOM TEMPERATURE, SOCIOECONOMIC STATUS, AND ELECTRICITY USAGE ON HOME MORNING, EVENING, AND SLEEP BLOOD PRESSURE: THE SHIZUOKA STUDY

Y. Tabara⁽¹⁾, S. Nagao-Sato⁽¹⁾, O. Kushida⁽¹⁾, E. Ozaki⁽²⁾, N. Kuriyama⁽¹⁾, T. Urano⁽¹⁾
⁽¹⁾Shizuoka, ⁽²⁾Kyoto (JAPAN)

P.16.06 POTENTIAL DIETARY IMPACT OF SWITCHING TO POTASSIUM-ENRICHED SALT IN AUSTRALIAN FOODS: A MODELLING STUDY

K. Kissock⁽¹⁾, L. Huang⁽¹⁾, L. Aminde⁽²⁾, M. Marklund^(1,3,4,5), B. Neal^(1,6), K. Trieu⁽¹⁾
⁽¹⁾Randwick, ⁽²⁾Gold Coast (AUSTRALIA), ⁽³⁾Baltimore (USA), ⁽⁴⁾Baltimore (USA), ⁽⁵⁾Uppsala (SWEDEN), ⁽⁶⁾London (UNITED KINGDOM)

P.16.07 MULTIMORBIDITY ANALYSIS IN PATIENTS WITH ARTERIAL HYPERTENSION: CORRELATIONS BETWEEN CARDIOVASCULAR RISK PROFILE, GENDER DISPARITIES, AND TARGET ORGAN DAMAGE

C.-G. Grigoroaea, I.-P. Rodean, V.-B. Halatiu, T. Mihaila, B. Imre, B. Theodora
Targu Mures (ROMANIA)

P.16.08 TRIGLYCERIDE-GLUCOSE INDEX AND BODY MASS INDEX ARE NOT INDEPENDENT PREDICTORS OF ALL-CAUSE AND CARDIOVASCULAR MORTALITY IN GENERAL ADULT POPULATION: ENAH RURAL STUDY

I. Stimac⁽¹⁾, M. Domislovic⁽²⁾, J. Kos⁽²⁾, A. Jelakovic^(1, 2), J. Josipovic⁽²⁾, V. Domislovic⁽²⁾, A. Belancic⁽¹⁾, M. Bilobrk⁽¹⁾, L. Bilajac⁽¹⁾, A. Ivic⁽³⁾, L. Kadlecek⁽³⁾, M. Luburic⁽²⁾, B. Kokic⁽⁶⁾, Z. Kolarevic⁽³⁾, I. Pecin⁽²⁾, K. Capak⁽²⁾, B. Jelakovic^(1, 2)
⁽¹⁾Rijeka, ⁽²⁾Zagreb, ⁽³⁾Osijek (CROATIA),



MAY 29 – 17:45-19:00

P.16.09 ASSOCIATION OF ATHEROGENIC DYSLIPIDEMIA WITH SUBCLINICAL CAROTID ATHEROSCLEROSIS IN PERSONS WITH HYPERTENSION AND METABOLIC SYNDROME

S. Kostic, I. Tasic, V. Stoickov, D. Djordjevic, V. Ilic
Niska Banja, Nis (SERBIA)

P.16.10 TRIGLYCERIDE- GLUCOSE RATIO AND TRIGLYCERIDES TO HIGH-DENSITY LIPOPROTEIN CHOLESTEROL RATIO ARE NOT INDEPENDENTLY ASSOCIATED WITH HIGH CARDIOVASCULAR RISK IN YOUNG PREHYPERTENSIVE

J. Josipovic, A. Jelakovic^(1,2), V. Prelevic⁽³⁾, I. Pecin⁽¹⁾, M. Domislovic⁽¹⁾, M. Marinovic Glavic⁽²⁾, V. Bralic Lang⁽¹⁾, M. Kolak, K. Jankov, B. Mandaric⁽¹⁾, I. Cepanec⁽¹⁾, K. Gasparovic⁽¹⁾, N. Bulj⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾Zagreb, ⁽²⁾Rijeka (CROATIA), ⁽³⁾Podgorica (MONTENEGRO)

P.16.11 CARDIORENOMETABOLIC CONTINUUM AS A KEY CAUSE OF DEATH IN PATIENTS WITH NEW-ONSET ATRIAL FIBRILLATION ASSOCIATED WITH COVID-19 PNEUMONIA

T. Makeeva, E. Zbyshevskaja, F. Talibov
Saint Petersburg (RUSSIA)

P.16.12 CARDIOVASCULAR RISK FACTORS IN PREMATURE MYOCARDIAL INFARCTION: A MATCHED CASE-CONTROL STUDY FROM SERBIA

D. Tasic^(1, 2), N. Tasic⁽¹⁾, Z. BOGICEVIC, M. Petrovic, M. Arsic, S. Bozovic Ogarevic, M. Filipovic
⁽¹⁾Belgrade (SERBIA), ⁽²⁾Banja Luka (BOSNIA AND HERZEGOVINA)

P.16.13 POOR MENTAL HEALTH AND REDUCED PSYCHOSOCIAL WELL-BEING ARE ASSOCIATED WITH KNOWN, BUT NOT UNKNOWN, HYPERTENSION IN SOUTH AFRICA

N. Peer⁽¹⁾, N.E. Ngwa⁽²⁾, K. Nguyen⁽²⁾, J. Hill⁽²⁾, A.-P. Kengne⁽³⁾
⁽¹⁾Durban, ⁽²⁾Cape Town (SOUTH AFRICA), ⁽³⁾Nairobi (KENYA)

P.16.14 TRIGLYCERIDE-GLUCOSE INDEX LINKS LIPID ATHEROGENICITY, BLOOD PRESSURE, AND ARTERIAL STIFFNESS IN MALE PATIENTS WITH HIGH CARDIOVASCULAR RISK

I. Mozos, M. Baba, M. Maris, S. Moroz, A. Bucur, C.T. Luca
Timisoara (ROMANIA)

P.16.15 IMPACT OF SERUM URIC ACID ON CHRONIC KIDNEY DISEASE PROGRESSION IN HYPERTENSIVE PATIENTS

S. Turgunboyev, M. Atayeva, G. Abdullaeva, G. Khamidullayeva
Tashkent (UZBEKISTAN)



MAY 29 – 17:45-19:00

TOTEM 17

E-POSTER SESSION - Secondary Hypertension

Chairpersons: **G.F.H. Al-Saedi (IRAQ),
M. Hoffmann (Gdansk, POLAND)**

P.17.01 OVERNIGHT DEXAMETHASONE IN PRIMARY ALDOSTERONISM SCREENING (ODEPRASC): INITIAL RESULTS OF A DIAGNOSTIC INTERPRETABILITY STUDY

P. Kmiec, D. Okroj, M. Zdrojewska, E. Zalewska, J. Fiszer, S. Zembrzuska
Gdansk (POLAND)

P.17.02 TARGETING ALDOSTERONE AT ITS SOURCE: COMPARATIVE REMODELING OUTCOMES AFTER ADRENALECTOMY AND MRA THERAPY IN PRIMARY ALDOSTERONISM

F. Zoccatelli, G. Costa, M. Merlo, L. Panepinto, F. Pizzolo, S. Friso, L. Marzano
Verona (ITALY)

P.17.03 ALDOSTERONE SECRETION IN PRIMARY ALDOSTERONISM IS DISPROPORTIONATE BUT NOT AUTONOMOUS OF ANGIOTENSIN II

A. Marangon, B. Carocchia, L. Lenzini, G. Antonelli, M. Montagnana, G.P. Rossi, G. Rossitto^(1,2)
(1)Padua (ITALY), (2)Glasgow (UNITED KINGDOM)

P.17.04 EFFICACY AND SAFETY OF ALDOSTERONE SYNTHASE INHIBITORS IN UNCONTROLLED HYPERTENSION: A SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS

M.H. Elkasaby⁽¹⁾, N. Hammad⁽²⁾, A.F. Gade⁽³⁾, O. Kamel⁽⁴⁾, F. Abouzkalay⁽⁵⁾, A. Nazmy⁽⁶⁾, O.A. Saad⁽¹⁾
(1)Cairo, (2)Port-Said, (3)Menoufia, (4)Qena, (5)Sohag, (6)Kafr-Elsheikh (EGYPT)

P.17.05 POSTERIOR REVERSIBLE ENCEPHALOPATHY SYNDROME - A RARE COMPLICATION, AN URGENT DIAGNOSIS. CASE REPORTS.

K. Madej-Swiatkowska, M.E. Pyzik, A. Cyran, J. Kwinta-Rybicka, D. Drozd
Kraków (POLAND)

P.17.06 EVALUATION OF THE PREVALENCE OF MASKED GLYCYRRHIZIC ACID EXPOSURE IN A POPULATION WITH SUSPECTED SECONDARY HYPERTENSION (REGLART STUDY)

O. Reynaud, T. Willeman, F. Stanke-Labesque, C. Boudin, M. Berger, O. Ormezzano
Grenoble (FRANCE)

P.17.07 APATINIB LEADS TO DYSFUNCTION OF HUVECS VIA DRP1 MEDIATED EXCESSIVE MITOCHONDRIAL FISSION

F. Si, X. Ma, Y. Wang, J. Ma, C. Feng, J. Yu
Lanzhou Gansu (CHINA)

P.17.08 THE SCREENING AND DIAGNOSTIC CUT-OFF VALUES FOR PRIMARY ALDOSTERONISM BASED ON LC-MS/MS: A PROSPECTIVE MULTI-CENTER STUDY IN CHINA

B. Li, Q. Liu, W. Ma
Beijing (CHINA)

P.17.09 TAKOTSUBO SYNDROME AS THE REVEALING MANIFESTATION OF PHEOCHROMOCYTOMA AND VON HIPPEL-LINDAU DISEASE

E.-M. Cordeanu, M. Vix, C. Mirea, P. Ohlmann, D. Stephan
Strasbourg (FRANCE)

P.17.10 DEPARTMENT-LEVEL DISPARITIES IN PRIMARY ALDOSTERONISM SCREENING AND CARDIAC AND RENAL TARGET ORGAN DAMAGE IN OLDER PATIENTS WITH HYPERTENSION

S. Wang, Q. Wang
Lanzhou (CHINA)



MAY 29 – 17:45-19:00

P.17.11 CATECHOLAMINE-INDUCED TAKOTSUBO CARDIOMYOPATHY FOLLOWING BILATERAL CAROTID BODY PARAGANGLIOMA RESECTION.

M. Chirkinyan, A. Ter Margaryan Y
erevan (ARMENIA)

P.17.12 PERSONALIZED MANAGEMENT OF ALDOSTERONE-PRODUCING ADENOMA (MAPA STUDY)

G.P. Rossi⁽¹⁾, B. Caroccia⁽¹⁾, A. Bressan⁽¹⁾, C. Byiringiro⁽¹⁾, A.B. García-Redondo⁽²⁾, G. Ceolotto⁽¹⁾, G. Zanotti⁽¹⁾, R. Padrini⁽¹⁾, A.M. Briones⁽²⁾,
T.M. Seccia⁽¹⁾
⁽¹⁾Padua (ITALY), ⁽²⁾Madrid (SPAIN)

P.17.13 UNTREATED SECONDARY HYPERTENSION IS ASSOCIATED WITH DISTINCT RETINAL MICROVASCULAR REMODELING ASSESSED BY ADAPTIVE OPTICS IMAGING

F.B. Rossi⁽¹⁾, M. Paques⁽²⁾, M. Ponnaiah⁽²⁾, A. Gallo⁽²⁾
⁽¹⁾Padua, Rome (ITALY), ⁽²⁾Paris (FRANCE)

P.17.14 ANGIOTENSIN BIOMARKERS FOR DRUG MONITORING AND PRIMARY ALDOSTERONISM SCREENING UNDER TRIPLE THERAPY

C. Beger⁽¹⁾, R. Finch⁽²⁾, T. Karg⁽¹⁾, M. Poglitsch⁽³⁾, F. Limbourg⁽¹⁾
⁽¹⁾Hannover (GERMANY), ⁽²⁾Lexington (USA), ⁽³⁾Vienna (AUSTRIA)

TOTEM 18

E-POSTER SESSION - Vascular Biology I

Chairpersons: K. Kyriakoulis (Athens, GREECE),
B. Kutryb-Zajac (Gdansk, POLAND)

P.18.01 RESERVOIR-EXCESS PRESSURE ANALYSIS AND MAJOR ADVERSE CARDIOVASCULAR EVENT OCCURRENCE IN TYPE 2 DIABETES: PRELIMINARY ANALYSIS FROM THE SUMMIT-VIP LONG-TERM FOLLOW-UP STUDY

K. Aizawa⁽¹⁾, A.C. Shore^(1,2), I. Wright⁽¹⁾, F. Khan⁽²⁾, A.D. Hughes⁽³⁾,
J. Nilsson⁽⁴⁾
⁽¹⁾Exeter, ⁽²⁾Dundee, ⁽³⁾London (UNITED KINGDOM), ⁽⁴⁾Malmö (SWEDEN)

P.18.02 REGIONAL DIFFERENCES OF ARTERIAL STIFFNESS RESPONSE TO HYDROSTATIC PRESSURE

S. Addour, S. Khataei, N. Côté, K. Jafari, É. De Rio, I. Legault, C. Fortier,
M. Agharazii
Quebec (CANADA)

P.18.03 COMBINED IMPACT OF INFLAMMATION AND HYPERTENSION ON ARTERIAL STIFFNESS IN SPONDYLOARTHRITIS PATIENTS: RESULTS FROM A CROSS-SECTIONAL STUDY

M. Dimova, M. Markov, M. Kosturkova, T. Georgiev
Varna (BULGARIA)

P.18.04 EXERCISE-INDUCED FXR2 UPREGULATION PREVENTS VSMC PHENOTYPIC SWITCHING AND VASCULAR REMODELING IN ANG II-INDUCED HYPERTENSION THROUGH PARP1/MYOCARDIN AXIS

H. Yu, X. Zhou, G. Hu, L. Guo, Z. Li, W. Gao
Beijing (CHINA)



MAY 29 – 17:45-19:00

P.18.05 NICOTINAMIDE ADENINE DINUCLEOTIDE PHOSPHATE OXIDASE 1 AND 4-ASSOCIATED OXIDATIVE STRESS AND ENDOTHELIAL DYSFUNCTION INDUCED BY ANTI-CANCER THERAPIES

G. Whelan, F. Murphy, K.B. Neves
Glasgow (UNITED KINGDOM)

P.18.06 EVALUATION OF RETINAL AND RENAL MICROCIRCULATION IN SYSTEMIC SCLEROSIS

C. Bevacqua, C. Agabiti Rosei, G. Buso, L. Moschetti, C. Rossini, M.G. Lazzaroni, E. Piovani, E. Pazzi, F. Salvotti, M. Lemoli, E. Porteri, D. Rizzoni, M. Salvetti, F. Franceschini, I. Cavazzana, P. Airò, M.L. Muiesan, C. De Ciuceis
Brescia (ITALY)

P.18.07 SPECKLE-BASED MEASUREMENT OF MICROVASCULAR FUNCTION

E. Maas, J. Herranz Olazabal, A. van Kraaij, M. Barbeau, M. Verhoeven, E. Hermeling
Eindhoven (NETHERLANDS)

P.18.08 METABOLIC DYSFUNCTION ASSOCIATED STEATOTIC LIVER DISEASE IS A SYSTEMIC VASCULAR DISORDER CHARACTERIZED BY INCREASED ARTERIAL STIFFNESS

M. Toru⁽¹⁾, M. Doi⁽²⁾
⁽¹⁾Okayama, ⁽²⁾Takamatsu (JAPAN)

P.18.09 ASSESSMENT OF RETINAL MICROCIRCULATION AND ARTERIAL STIFFNESS IN PATIENTS WITH CHRONIC INFLAMMATORY BOWEL DISEASE

F. Salvotti, C. Agabiti Rosei, F. Cherubini, C. Rossini, F. Famà, I. Zammarchi, P. Vaccarello, S. Bressa, M. Baresi, N. Laera, M. Lemoli, B. Petroboni, F. Benini, G. Buso, E. Porteri, M. Salvetti, D. Rizzoni, C. Ricci, M.L. Muiesan, C. De Ciuceis
Brescia (ITALY)

P.18.10 CORRELATION BETWEEN THE SCREENING SERUM N-TERMINAL PRO B-TYPE NATRIURETIC PEPTIDE CONCENTRATION AND SUBCLINICAL ATHEROSCLEROSIS IN PATIENTS WITH AND WITHOUT ARTERIAL HYPERTENSION

G. Jakubiak⁽¹⁾, A. Chwalba⁽¹⁾, N. Pawlas⁽¹⁾, B. Maksym⁽¹⁾, A. Stanek⁽²⁾, G. Cieslar⁽³⁾
⁽¹⁾Zabrze, ⁽²⁾Katowice, ⁽³⁾Bytom (POLAND)

P.18.11 PROTECTIVE EFFECT OF IDH2 AGAINST DIABETES-INDUCED FERROPTOSIS IN VASCULAR ENDOTHELIAL CELLS

C.S. Kim, M. Kim, S. Jeon, B.H. Jeon
Daejeon (SOUTH KOREA)

P.18.12 TICAGRELOR IMPROVES ENDOTHELIAL FUNCTION VIA A2A/A2B ADENOSINE RECEPTORS IN CORONARY ARTERY DISEASE

M. Tarnawska⁽¹⁾, A. Kawecka⁽¹⁾, A. Bar⁽²⁾, K. Urbanowicz⁽¹⁾, S. Chlopicki⁽²⁾, B. Kutry-Zajac⁽¹⁾, M. Hellman⁽¹⁾
⁽¹⁾Gdansk, ⁽²⁾Krakow (POLAND)

P.18.13 EARLY ARTERIAL STIFFENING IN PREHYPERTENSION: A CONTROLLED CLINICAL STUDY OF AORTIC PULSE WAVE VELOCITY

I. Tolj, A. Stupin, S. Saric, I. Vincetic, I. Jukic, I. Drenjancevic, Z. Mihaljevic, N. Kolobaric, M. Vuckovic, M. Stupin
Osijek (CROATIA)

P.18.14 ASSOCIATION OF SYNTAX AND GENSINI (CORONARY ARTERY DISEASE) SCORES WITH PERIPHERAL MACRO- AND MICROCIRCULATION IN PATIENTS WITH POST-ACUTE AND CHRONIC CORONARY ARTERY DISEASE

I. Drenjancevic⁽¹⁾, A. Kibel^(1,2), I. Bosnjak⁽¹⁾, Z. Mihaljevic⁽¹⁾, A. Stupin⁽¹⁾, A. Masle⁽¹⁾, Z. Curic Breskic⁽¹⁾, K. Selthofer Relatic⁽¹⁾, I. Jukic⁽¹⁾
⁽¹⁾Osijek, ⁽²⁾Cepin (CROATIA)



MAY 29 – 17:45-19:00

**P.18.15 EFFECT OF BIOLOGIC AND TARGETED SYNTHETIC THERAPIES
ON ENDOTHELIAL DYSFUNCTION MEASURED BY ASYMMETRIC
DIMETHYLARGININE IN PATIENTS WITH RHEUMATOID
ARTHRITIS**

M. Dimova, G. Gerganov, T. Georgiev
Varna (BULGARIA)

**TOTEM 1
E-POSTER SESSION - Adherence**

Chairpersons: V. Cornelissen (Leuven, BELGIUM),
D. Mukhtarkhanova (Almaty, KAZAKHSTAN)

**P.19.01 DOES READING PATIENT INFORMATION LEAFLETS INFLUENCE
ADHERENCE AND ADVERSE DRUG REACTIONS IN ARTERIAL
HYPERTENSION? A CROSS-SECTIONAL STUDY**

K. Tyjas, M. Polaczyk, R. Chudy, M. Zuwała, M. Rajzer, K. Stolarz-
Skrzypek
Krakow (POLAND)

**P.19.02 CO-OCCURRENCE OF HYPERTENSION WITH DISORDERS THAT
MAY INTERFERE WITH ADHERENCE IN PEOPLE AGED 60 AND
OVER**

K. Jagiello⁽¹⁾, I. Zdrojewska⁽¹⁾, T. Grodzicki⁽²⁾, L. Wierucki⁽¹⁾, A. Wiecek⁽³⁾,
M. Mossakowska⁽⁴⁾, T. Zdrojewski⁽¹⁾
⁽¹⁾Gdansk, ⁽²⁾Krakow, ⁽³⁾Katowice, ⁽⁴⁾Warszawa (POLAND)

**P.19.03 THE ROLE OF CLINICAL INERTIA AND NON-ADHERENCE TO
LIFESTYLE RECOMMENDATIONS: EHUH-2 STUDY**

M. Marinovic Glavic⁽¹⁾, L. Bilajac⁽¹⁾, A. Belancic⁽¹⁾, M. Bilobrk⁽¹⁾,
M. Domislovic⁽²⁾, A. Jelakovic^(1,2), M. Fucek⁽²⁾, J. Josipovic⁽²⁾,
L. Prgomet⁽²⁾, P. Susnjara⁽³⁾, M. Boljesic Dumancic⁽³⁾, Z. Smuljic⁽³⁾,
H. Polanscak⁽²⁾, V. Bralic Lang⁽²⁾, A. Soldo⁽²⁾, Z. Reiner⁽²⁾, I. Pecin⁽²⁾,
B. Jelakovic⁽²⁾
⁽¹⁾Rijeka, ⁽²⁾Zagreb, ⁽³⁾Osijek (CROATIA)

**P.19.04 POLYPILL STRATEGY REVEALS A HIDDEN ADHERENCE-RISK
SIGNAL IN HIGH-RISK HYPERTENSION**

S. Fayzullaeva, G. Khamidullaeva, G. Djaloliddinova
Tashkent (UZBEKISTAN)



MAY 29 – 17:45-19:00

P.19.05 REAL LIFE COMPLIANCE WITH THE HOME BLOOD PRESSURE MEASUREMENT SCHEDULES : LESSONS FROM THE HY-RESULT WEB APP

N. Postel-Vinay, B. Pariente, L. Amar
Paris (FRANCE)

P.19.06 A TARGETED BEHAVIOURAL ECONOMICS-BASED MOBILE HEALTH INTERVENTION TO IMPROVE MEDICATION ADHERENCE IN PATIENTS WITH HYPERTENSION: A THREE-ARM RANDOMIZED CONTROLLED TRIAL

A. Vischer⁽¹⁾, J. Strebel⁽¹⁾, A. Raja Beharelle⁽²⁾, M. Mayr⁽¹⁾, V. Nemtsova⁽²⁾, J. Zahnd⁽³⁾, G. Wuerzner⁽³⁾, G. Ehret⁽⁴⁾, M. Stiefel⁽²⁾, E. Rexhaj⁽⁵⁾, T. Meister⁽⁵⁾, T. Burkard⁽¹⁾
⁽¹⁾Basel, ⁽²⁾Zurich, ⁽³⁾Lausanne, ⁽⁴⁾Geneva, ⁽⁵⁾Bern (SWITZERLAND)

P.19.07 COMPARATIVE ASSESSMENT OF THE IMPACT OF POLYPILL THERAPY VERSUS SEPARATE DRUG ADMINISTRATION ON TREATMENT ADHERENCE AND MYOCARDIAL STRUCTURAL REMODELING

S. Fayzullaeva, G. Khamidullaeva, G. Abdullaeva, K. Yusupova, S. Turg'unboev
Tashkent (Uzbekistan)

P.19.08 EVALUATION OF LEARNING OUTCOMES FROM A TEACHING ACTIVITY FOR PRIMARY CARE PHYSICIANS AND NURSES

M. Serrat-Costa⁽¹⁾, J. Torras-Borrell⁽²⁾, M. Benitez-Camps⁽³⁾, M. Vanrell-Nicolau⁽⁴⁾, M. Gibrat-Pineda⁽⁵⁾, O. Rebagliato-Nadal⁽³⁾, M. Priego-Artero⁽⁶⁾, M. Cecilia-Salgueiro⁽⁵⁾, E. Vinyoles-Bargalló⁽⁷⁾
⁽¹⁾Banyoles, ⁽²⁾Terrassa, ⁽³⁾Barcelona, ⁽⁴⁾Palma de Mallorca, ⁽⁵⁾Palau-Solità i Plegamans, ⁽⁶⁾Barcelona, ⁽⁷⁾Sant Adrià de Besòs (SPAIN)

P.19.09 PRIMARY NON-ADHERENCE AFTER INTENSIFICATION OF ANTIHYPERTENSIVE MEDICATION: THE PATH STUDY

K. Saville, V.J.M. Zeijen, A. Tran, D.A. Hesselink, I. Kardys, M. Lafeber, J. Daemen
Rotterdam (NETHERLANDS)

P.19.10 DOES SEASONALITY MATTER? SEASONAL VARIATIONS IN SODIUM INTAKE IN ARTERIAL HYPERTENSION

D. Stapor, B. Kaleta, M. Rajzer, K. Stolarz-Skrzypek
Krakow (POLAND)

P.19.11 MISSED OPPORTUNITIES IN HYPERTENSION PREVENTION: UNEQUAL ENGAGEMENT WITH PHARMACISTS AND DIGITAL HEALTH TOOLS - MMM CROATIA 2023 AND THE HUNTING THE SILENT KILLER PROGRAM

V. Bralic Lang⁽¹⁾, A. Soldo⁽¹⁾, O. Velkovski Skopic⁽¹⁾, M. Seljan Zubic⁽¹⁾, I. Pavesic⁽¹⁾, T. Saban⁽¹⁾, S. Vlah Tomicevic⁽¹⁾, A. Jelakovic^(2,1), I. Pecin⁽¹⁾, M. Domislovic⁽¹⁾, M. Boljesic Dumancic⁽³⁾, P. Susnjara⁽³⁾, J. Josipovic⁽¹⁾, T. Zeljkovic Vrkic⁽¹⁾, J. Kos⁽¹⁾, K. Grguric⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾Zagreb, ⁽²⁾Rijeka, ⁽³⁾Osijek (CROATIA)

P.19.12 AN AUDIT PROJECT TO ASSESS COMPLIANCE TO NICE GUIDANCE WHILE MEASURING BLOOD PRESSURE IN OUTPATIENT DEPARTMENT

R. Khan, M. Nawaz, E. Ng, S. Nadar, S. Waidyanatha
Dudley (UNITED KINGDOM)



MAY 30 – 17:45-19:00

TOTEM 2

E-POSTER SESSION - BP Measurement and Monitoring III

Chairpersons: **A. Erhartic** (Ljubljana, SLOVENIA),
P. Légrády (Szeged, HUNGARY),
M.L. Muiesan (Brescia, ITALY)

P.20.01 MIDDAY HOME BLOOD PRESSURE MEASUREMENTS IMPROVE AGREEMENT WITH AMBULATORY MONITORING IN OLD INDIVIDUALS WITH TREATED HYPERTENSION
D. Krystallaki, T. Tsaganos, A. Menti, E. Stambolliu, E. Antonogiannaki, D. Mariglis, G.S. Stergiou, A. Kollias
Athens (GREECE)

P.20.02 REAL-WORLD PERFORMANCE OF A RING-TYPE CUFFLESS BLOOD PRESSURE DEVICE COMPARED WITH AMBULATORY BLOOD PRESSURE MONITORING
J.-H. Shin⁽¹⁾, H.-J. Kim⁽¹⁾, B.S. Kim⁽¹⁾, J. Chung⁽²⁾, J. Shin⁽²⁾
⁽¹⁾Guri, ⁽²⁾Goyang, ⁽³⁾Seoul (SOUTH KOREA)

P.20.03 NOVEL BLOOD PRESSURE PATTERN RECOGNITION ALGORITHM FOR CARDIOVASCULAR RISK STRATIFICATION: A MACHINE LEARNING ANALYSIS OF 24-HOUR ABPM DATA
A.K. Saxena⁽¹⁾, S. Singla⁽²⁾, R. Gupta⁽³⁾, A. Singh⁽⁴⁾, H. Kaur⁽¹⁾
⁽¹⁾Ludhiana, ⁽²⁾Patiyala, ⁽³⁾New Delhi, ⁽⁴⁾Vadodara (INDIA)

P.20.04 ASSESSMENT OF NOCTURNAL HYPERTENSION AND DIURNAL BLOOD PRESSURE PROFILE USING HOME OR AMBULATORY MONITORING IN PATIENTS WITH CHRONIC KIDNEY DISEASE
I. Kontogiorgos⁽¹⁾, A. Karligkiotis⁽¹⁾, E. Leptokaridou-Mourtzila⁽¹⁾, C. Kourtidou⁽¹⁾, C. Papadopoulos⁽¹⁾, V. Vaios⁽¹⁾, K. Leivaditis⁽¹⁾, A. Kollias⁽²⁾, V. Liakopoulos⁽¹⁾, P. Georgianos⁽¹⁾
⁽¹⁾Thessaloniki, ⁽²⁾Athens (GREECE)

P.20.05 COMPARISON OF HOME BLOOD PRESSURE MEASUREMENTS VERSUS AMBULATORY BLOOD PRESSURE IN OLD INDIVIDUALS WITH HYPERTENSION
D. Krystallaki, T. Tsaganos, A. Menti, E. Stambolliu, E. Antonogiannaki, D. Mariglis, G.S. Stergiou, A. Kollias
Athens (GREECE)

P.20.06 A SYSTEMATIC REVIEW OF BLOOD PRESSURE MONITOR VALIDATION STUDIES
R. Cross⁽¹⁾, I. Porter⁽¹⁾, S.T.J. McDonagh⁽¹⁾, N. Roberts⁽²⁾, P.S. Lacy⁽³⁾, N. Chapman⁽³⁾, P.S. Lewis⁽⁴⁾, B.J. Mc Donnell⁽⁵⁾, P. Chowienczyk⁽³⁾, J.M. Curneen⁽⁶⁾, T. Theresa Santhosh⁽¹⁾, H. McLeish⁽¹⁾, R.J. McManus⁽⁷⁾, C.E. Clark⁽¹⁾
⁽¹⁾Exeter, ⁽²⁾Oxford, ⁽³⁾London, ⁽⁴⁾Stockport, ⁽⁵⁾Cardiff ⁽⁶⁾Galway, ⁽⁷⁾Brighton (UNITED KINGDOM)

P.20.07 DETERMINANTS OF ELASTIC AND STIFFENING COMPONENTS OF PULSE PRESSURE BASED ON 24-HOUR AMBULATORY BLOOD PRESSURE MONITORING
Z. Kekk⁽¹⁾, J. Takács⁽²⁾, D. Páll⁽³⁾, Z. Jósvali⁽²⁾, P. Torzsa⁽²⁾, D. Pásztor⁽²⁾, A. Koller⁽²⁾, Z. Járai⁽²⁾, J. Nemcsik⁽²⁾
⁽¹⁾Gyor, ⁽²⁾Budapest, ⁽³⁾Debrecen (HUNGARY)

P.20.08 ASSOCIATIONS OF 24-HOUR AMBULATORY BLOOD PRESSURE PROFILES AND ECHOCARDIOGRAPHIC FINDINGS WITH PROLONGED QTC INTERVAL IN HYPERTENSIVE PATIENTS
J. Koh, C. Noh, J. Park
Seoul (SOUTH KOREA)

P.20.09 ENHANCED PREDICTION OF PREECLAMPSIA USING SERIAL BLOOD PRESSURE MEASUREMENTS
K. Harris, L. Xu⁽¹⁾, M. Woodward^(1,2), A. de Kat⁽³⁾, X. Zhou⁽⁴⁾, J. Hirst^(2,5), A. Henry⁽¹⁾
⁽¹⁾Sydney (AUSTRALIA), ⁽²⁾London (UNITED KINGDOM), ⁽³⁾Amsterdam (NETHERLANDS), ⁽⁴⁾Tianjin (CHINA), ⁽⁵⁾Oxford (UNITED KINGDOM)



MAY 30 – 17:45-19:00

P.20.10 MORNING-TO-EVENING CHANGE IN HOME BLOOD PRESSURE AS A PREDICTOR OF FATAL AND NONFATAL CARDIOVASCULAR EVENTS

J.-B. Zhu, J.-H. Xia, W.Y.-Y. Wang, Y.-Y. Kang, X.-Y. Wang, Y.-B. Cheng, Q.-H. Guo, Y. Li, J.-G. Wang
Shanghai (CHINA)

P.20.11 NIGHTTIME AMBULATORY BLOOD PRESSURE IS THE MAIN DETERMINANT OF HYPERTENSIVE RETINOPATHY: COMPLEMENTARY ROLES OF SYSTOLIC AND DIASTOLIC LOAD

P.H. Gutemberg, L. Lapa Pinto Coelho, T.H. Martone Grazioli, I. de Paiva Gomes, J.F. Santos Silva, B. Cheng Tan, F. Yue Cesena, M. Gonçalves Sousa, R. Nastari, J. Batista Souza, A. G. Laurinavicius
São Paulo (BRAZIL)

P.20.12 EFFECTS OF URINE UROMODULIN LEVELS ON THE ASSOCIATION BETWEEN SODIUM INTAKE AND AMBULATORY BLOOD PRESSURE IN INDIVIDUALS WITH CHRONIC KIDNEY DISEASE.

A. Karagiannidis, A. Baroutidou, M. Theodorakopoulou, A. Georgiou, F. Iatridi, E. Karkamani, S. Manti, Z. Afkou, E. Vagdatli, D. Faitatzidou, P. Giamalis, C. Papadopoulos, P. Sarafidis
Thessaloniki (GREECE)

P.20.13 BLOOD PRESSURE MONITORING BEYOND THE CLINIC: LESSONS FROM COMMUNITY-BASED AI-ENABLED CARE

E. Anasiudu, M. Amare, G. Orjih, B.N. Estella, A. Popoola, N. Nnebe, W. Okah, T. Oluwatuase, T. Duys, P. Eze, S. Malumi, N. Mobisson
Lagos (NIGERIA)

P.20.14 BLOOD PRESSURE MEASUREMENT IN ITALIAN MOUNTAIN SHELTERS: A WORLD HYPERTENSION DAY INITIATIVE

B. Grzegorz⁽¹⁾, L. Zanotti⁽¹⁾, A. Croce⁽¹⁾, C. D'Angelo⁽¹⁾, A. Faini⁽¹⁾, M. Martinelli⁽²⁾, M.L. Muiesan⁽³⁾, M.F. Pengo⁽¹⁾, L. Pratali⁽²⁾, J.I. Vega Deceno⁽⁴⁾, D. Soranna⁽¹⁾, A. Zamboni⁽¹⁾, A. Virdis⁽²⁾, G. Strapazzon⁽⁵⁾, G. Agazzi⁽¹⁾, G. Parati⁽¹⁾
(1)Milan, (2)Pisa, (3)Brescia (ITALY), (4)Lima (PERU), (5)Bolzano (ITALY)

P.20.15 ABPM/HBPM STRATEGY SHOULD BE CONSIDERED IN EVALUATION OF MASKED UNCONTROLLED NOCTURNAL HYPERTENSION. 7-KNAT STUDY OF THE CROATIAN HYPERTENSION LEAGUE

A. Jelakovic, J. Josipovic, P. Batkovic, I. Abramovic, T. Zeljkovic Vrkic, T. Tokic, S. Sliskovic, K. Marcic, M. Kolak, M. Zivko, B. Jelakovic
Zagreb (CROATIA)

P.20.16 Comparison of Automated Office Blood Pressure Measurement and 44-Hour Ambulatory Blood Pressure Monitoring in Hemodialysis

M. Zaborska-Dworak, W. Krasowski, B. Symonides, M. Zaborski, R. Wyszynski, J. Malyszko, J. Lewandowski
Warsaw (POLAND)



TOTEM 3

E-POSTER SESSION - Cardiometabolic Hypertension

Chairpersons: A. Menti (Athens, GREECE)

P.21.01 BROWN ADIPOSE TISSUE CONNEXIN-43 DYSFUNCTION AS A NOVEL DETERMINANT OF CARDIOPROTECTION IN OBESITY AND TYPE 2 DIABETES

T. Egan Benova, M. Sykora, K. Ondrejak Andelova, V. Farkasova, N. Andelova, L. Marek, T. Narcisa, S.B. Barbara
Bratislava (SLOVAK REPUBLIC)

P.21.02 LONG-TERM TIME IN TARGET RANGE FOR BODY MASS INDEX (BMI) AND DIABETES INCIDENCE: INSIGHTS FROM CHARLS

C. Chu, J. Mu
Xi'an (CHINA)

P.21.03 IL-6 AND FGF-23 AS EARLY BIOMARKERS OF LEFT VENTRICULAR HYPERTROPHY AND HEART FAILURE RISK IN DIABETES MELLITUS

V. Vasilkova⁽¹⁾, T. Mokhort⁽²⁾, N. Khudiakova⁽³⁾, Y. Urmanova⁽⁴⁾, I. Vasukhina⁽¹⁾
⁽¹⁾Gomel, ⁽²⁾Minsk (BELARUS), ⁽³⁾Novi Sad (SERBIA), ⁽⁴⁾Tashkent (UZBEKISTAN)

P.21.04 URIC ACID AS AN ADDITIONAL COMPONENT OF METABOLIC SYNDROME - ITS ASSOCIATION WITH HYPERTENSION-MEDIATED ORGAN DAMAGE.

K. Dabrowski⁽¹⁾, M. Sikorski⁽¹⁾, K. Skoczynski, J. Koziej, K. Mitoraj⁽¹⁾, J. Pilip⁽¹⁾, M. Pac, J. Feber⁽²⁾, M. Litwin, L. Obrycki
⁽¹⁾Warsaw (POLAND), ⁽²⁾Ottawa (CANADA)

P.21.05 SGLT2-INHIBITORS AND GLP1-RECEPTOR AGONISTS DECREASE PLASMA NT-PROBNP IN PATIENTS WITH TYPE 2 DIABETES MELLITUS AND HEART STRESS: A LONGITUDINAL MULTICENTER REAL-LIFE STUDY

F. Spannella⁽¹⁾, M. Landolfo⁽¹⁾, F. Giulietti⁽¹⁾, B. Ortensi⁽¹⁾, A. Gezzi⁽¹⁾, L. Stella⁽¹⁾, M.A. Carlucci⁽³⁾, R. Galeazzi⁽¹⁾, F. Turchi⁽¹⁾, M.P. Luconi⁽¹⁾, R. Zampa⁽¹⁾, E. Tortato⁽¹⁾, M. Petrelli⁽¹⁾, R. Sarzani⁽¹⁾
⁽¹⁾Ancona, ⁽²⁾Urbino (ITALY)

P.21.06 ENDOCANNABINOID MEDIATED PLACENTAL VASCULAR RESPONSES IN GESTATIONAL DIABETES MELLITUS

C. Tjoe-A-On, A.H.J. Danser, M.S. Harhangi
Rotterdam (NETHERLANDS)

P.21.07 RESIDENTIAL ALTITUDE AND INCIDENT DIABETES RISK: A STUDY OF 5.65 MILLION ADULTS

B. Nuerbolati, M. Heizhati, L. Yao, H. Wang, Q. Zhu, Q. Luo, N. Li
Urumqi City, (CHINA)

P.21.08 CARDIOMETABOLIC PROFILE OF PATIENTS WITH ARTERIAL HYPERTENSION: DIFFERENCES BETWEEN THE TWO SEXES

B. Nikolaidou, A. Malliora, G. Malliora, A. Chionidou, P. Anyfanti, A. Lazaridis, D. Agapakis, E. Gkaliagkousi
Thessaloniki (GREECE)

P.21.09 PREDICTORS OF BIOMARKER DYNAMICS IN CARDIOMETABOLIC PHENOTYPES ASSOCIATED WITH ARTERIAL HYPERTENSION, TYPE TWO DIABETES, AND OBESITY

I. Dunaieva, P. Kravchun, N. Kravchun
Kharkiv (UKRAINE)

P.21.10 THE IMPACT OF A METABOLIC SYNDROME PHENOTYPE ON BLOOD PRESSURE CONTROL IN CORONARY ARTERY DISEASE PATIENTS

P.-K. Joanna
Lublin (POLAND)



MAY 30 – 17:45-19:00

P.21.11 **CARDIOMETABOLIC PHENOTYPES IN PATIENTS WITH ARTERIAL HYPERTENSION COMBINED WITH TYPE 2 DIABETES MELLITUS AND OBESITY AND THEIR EARLY CLINICAL AND BIOCHEMICAL MARKERS**

I. Dunaieva, P. Kravchun, N. Kravchun
Kharkiv (UKRAINE)

P.21.12 **EFFECTS OF TIRZEPATIDE ON BLOOD GLUCOSE, HOME BLOOD PRESSURE, BAPWV, AND URINARY PROTEIN IN TYPE 2 DIABETES PATIENTS WITH HYPERTENSION**

T. Yamagishi
Sendai (JAPAN)

P.21.13 **CARDIORENAL INVOLVEMENT IN DIABETES: PREVALENCE AND ECHOCARDIOGRAPHIC FINDINGS**

E. NELA⁽¹⁾, A. Gica⁽²⁾, K. Xhixhabesi⁽¹⁾, I. Kecaj⁽¹⁾
⁽¹⁾Tirana, ⁽²⁾Elbasan (ALBANIA)

P.21.14 **IMPACT OF HYPERTENSION ON GLYCEMIC CONTROL IN TYPE 2 DIABETIC PATIENTS: A CROSS-SECTIONAL ANALYSIS**

A. Inamdar
Omerga (INDIA)

P.21.15 **LEFT VENTRICULAR HYPERTROPHY IN DIABETES MELLITUS TYPE 2**

S. Feruza, S. Nigora
Tashkent (UZBEKISTAN)

P.21.16 **DEPRESSION, BUT NOT ANXIETY, IS ASSOCIATED WITH NEWLY DIAGNOSED TYPE 2 DIABETES MELLITUS IN CAPE TOWN, SOUTH AFRICA**

N. Peer⁽¹⁾, K. Nguyen⁽²⁾, J. Hill⁽²⁾, A. Kengne⁽³⁾
⁽¹⁾Durban, ⁽²⁾Cape Town (SOUTH AFRICA), ⁽³⁾Nairobi (KENYA)

TOTEM 4

E-POSTER SESSION - Clinical Studies II

Chairpersons: W. Zhang (Shanghai, CHINA),
E. Zbroch (Bialystok, POLAND)

P.22.01 **THE CARDIOVASCULAR PHENOTYPE MAY PREDICT REGRESSION OF HEPATIC FIBROSIS AFTER DIRECT-ACTING ANTIVIRALS IN PATIENTS WITH CHRONIC HEPATITIS C**

C. Alcântara, J. Ferreira, P. Alcântara, M. Bicho, F. Serejo, C. Moreira
Lisbon (PORTUGAL)

P.22.02 **VALIDATION OF RING-TYPE CUFFLESS BLOOD PRESSURE (BP) MONITORING DEVICE FOR DETECTING AWAKE-ASLEEP BP VARIATIONS COMPARED TO AMBULATORY BP MONITORING DEVICE**

H.-Y. Lee, S.-M. Lee
Seoul (SOUTH KOREA)

P.22.03 **ENGAGING RELIGIOUS LEADERS TO REDUCE BLOOD PRESSURES IN RURAL TANZANIAN COMMUNITIES: A CLUSTER RANDOMIZED TRIAL**

B. Kavishe⁽¹⁾, A. Mwakisole⁽¹⁾, F. Kalokola⁽¹⁾, M. Willkens⁽²⁾, E. Okello⁽¹⁾, E. Kisanga⁽¹⁾, P. Ayieko^(1,3), O. Mcharo⁽¹⁾, M.H. Lee⁽²⁾, S. Kapiga^(1,3), R. Peck^(1,2), J. Downs^(1,2)
⁽¹⁾Mwanza (TANZANIA), ⁽²⁾New York (USA), ⁽³⁾London (UNITED KINGDOM)

P.22.04 **A RANDOMIZED, DOUBLE-BLIND, MULTICENTER, CLINICAL TRIAL ON THE EFFICACY OF A COMBINATION TREATMENT WITH VALSARTAN, AMLODIPINE, AND CHLORTHALIDONE IN PATIENTS WITH HYPERTENSION**

W.B. Pyun, I.-J. Cho
Seoul (SOUTH KOREA)



MAY 30 – 17:45-19:00

P.22.05 WHOLE BLOOD VISCOSITY ELEVATION IN PERIPHERAL ARTERIAL DISEASE OCCURS REGARDLESS OF HYPERTENSION

W. Kim, H. Kim
Jeonju (SOUTH KOREA)

P.22.06 PRELIMINARY INSIGHTS INTO THE RELATIONSHIP BETWEEN SKIN SODIUM ACCUMULATION, FLUID BALANCE AND BLOOD PRESSURE IN CKD PATIENTS

S. Simon, S. Chaara⁽¹⁾, M. Grooteman⁽¹⁾, C. De Roij van Zuijdewijn^(1,2), B. Runderkamp⁽¹⁾, A. Bakermans⁽¹⁾, A. Nederveen⁽¹⁾, L. Vogt⁽¹⁾, R. Olde Engberink⁽¹⁾
⁽¹⁾Amsterdam, ⁽²⁾Hoofddorp (NETHERLANDS)

P.22.07 EFFECT OF AN ACUTE POTASSIUM LOAD ON SERUM T50 IN HEALTHY SUBJECTS AND PATIENTS WITH CHRONIC KIDNEY DISEASE

W. Karar⁽¹⁾, J. Xu⁽¹⁾, M. De Borst⁽²⁾, H. Hamer⁽¹⁾, M. Vervloet⁽³⁾, L. Vogt⁽¹⁾
⁽¹⁾Amsterdam, ⁽²⁾Groningen, ⁽³⁾Nijmegen (NETHERLANDS)

P.22.08 BOTH CAROTID-FEMORAL AND CAROTID-RADIAL PULSE WAVE VELOCITY INCREASE, BUT THE STIFFNESS INDEX DECREASES WITH AGING IN TREATED HYPERTENSIVE PATIENTS

I. Kantola, T.-T. Kantola
Turku (FINLAND)

P.22.09 IMPACT OF BETA-BLOCKER NEBIVOLOL VERSUS BISOPROLOL PRESCRIPTION AT DISCHARGE ON LONG-TERM OUTCOMES IN STEMI PATIENTS WITH REDUCED LVEF TREATED WITH DRUG-ELUTING STENTS

H.W. Kim⁽¹⁾, S.U. Lee⁽¹⁾, B.G. Choi⁽¹⁾, M.H. Jeong⁽¹⁾, S.-W. Rha⁽²⁾
⁽¹⁾Gwangju, ⁽²⁾Seoul (SOUTH KOREA)

P.22.10 EFFICACY AND SAFETY OF LOW-DOSE TELMISARTAN/S-AMLODIPINE COMBINATION: INTEGRATED RESULTS FROM TWO KOREAN PHASE III TRIALS

J.O. Na⁽¹⁾, J. Shin⁽¹⁾, I.-H. Chae⁽²⁾
⁽¹⁾Seoul, ⁽²⁾Seongnam (SOUTH KOREA)

P.22.11 BODY MASS INDEX IS AN SIGNIFICANT PREDICTOR OF AUGMENTATION INDEX MEASURED DURING 24 HOURS

V. Prelevic⁽¹⁾, A. Jelakovic^(3,2), J. Josipovic⁽²⁾, I. Pecin⁽²⁾, B. Jelakovic⁽²⁾
⁽¹⁾Podgorica (MONTENEGRO), ⁽²⁾Zagreb, ⁽³⁾Rijeka (CROATIA),

P.22.12 THERAPEUTIC STRATEGIES FOR THE MANAGEMENT OF HYPERTENSION IN ACUTE AORTIC SYNDROMES

G. Abi Abdallah, I. Jurcisin, C. Brandolin, A. Borowik, J. Mallart-Riancho, B. Pariente, E. Puymirat, R. Chocron, P. Juvin, J.-M. Alsac, P. Achouch, S. El Batti, B. Cholley, M. Azizi, L. Amar, N. Gebara
Paris (FRANCE)

P.22.13 ASSOCIATION BETWEEN SARCOPENIA MARKERS AND BLOOD PRESSURE IN CHRONIC HEMODIALYSIS PATIENTS

L. Varda, N. Vreca, T. Petreski, N. Piko, S. Bevc, R. Ekart
Maribor (SLOVENIA)

P.22.14 EVALUATION OF THE ISELFIE HEART HEALTH SOFTWARE FOR ACCURACY AND CLINICAL APPLICABILITY IN BLOOD PRESSURE ESTIMATION

W. Sebba-Barroso, M. Costa Correia⁽¹⁾, M. Martins Costa⁽¹⁾, A.L. Lima Sousa⁽¹⁾, A. Quddus⁽²⁾, H. Mohamed⁽²⁾, M. Karakaya⁽²⁾, R. Scooter Plowman^(2,3)
⁽¹⁾Goiânia (BRAZIL), ⁽²⁾Toronto (CANADA), ⁽³⁾California (USA)



MAY 30 – 17:45-19:00

TOTEM 5

E-POSTER SESSION - Device Based Treatment

Chairpersons: M. Pac (Warsaw, POLAND),
Y. Sirenko (Kyiv, UKRAINE)

P.23.01 EFFECT OF CATHETER-BASED RENAL DENERVATION ON ORTHOSTATIC BLOOD PRESSURE ADAPTATIONS IN PATIENTS WITH UNCONTROLLED HYPERTENSION

Z. Zhang, Y. Peng, K. Liu, X. Chen
Chengdu (CHINA)

P.23.02 LONG-TERM EFFECTS OF RENAL DENERVATION ON HYPERTENSION MANAGEMENT: A SYSTEMATIC REVIEW AND META-ANALYSIS

K. Kyriakoulis, S. Soulaïdopoulos, D. Konstantinidis, K. Dimitriadis, F. Tatakis, M. Stathouloupoulou, K. Platanias, K. Papadomarkaki, P. Iliakis, A. Kasiakogias, A. Kordalis, V. Papademetriou, K. Tsioufis
Athens (GREECE)

P.23.03 METABOLIC CHANGES AND ASCVD RISK REDUCTION FOLLOWING RENAL DENERVATION IN PATIENTS WITH UNCONTROLLED HYPERTENSION

V. Bytyqi, D. Kannenkeril, K. Striepe, A. Schmid, S. Jung, M.V. Karg, A. Bosch, M. Schiffer, M. Uder, R.E. Schmieder
Erlangen (GERMANY)

P.23.04 PATIENTS' AWARENESS AND PREFERENCE IN HYPERTENSION CARE: INSIGHTS FROM THE VERONA RENAL DENERVATION INTERVIEW

S. Alessandro, G. Verdiana, G. Alessia, P. Matteo, C. Matteo, T. Aurora, G. Enrico, F. Simone, #T. Domenico, B. Caterina, L. Elena, P. Giulio, M. Alberto, S. Roberto, P. Gabriele, R. Flavio Luciano
Verona (ITALY)

P.23.05 RENAL DENERVATION IN A PATIENT WITH HEMOCHROMATOSIS AND RESISTANT HYPERTENSION

K. Jankov, M. Kolak, T. Krpan, J. Josipovic, I. Ivanko, P. Gacina, B. Jelakovic
Zagreb (CROATIA)

P.23.06 RENAL DENERVATION AS A POTENTIAL THERAPEUTIC STRATEGY IN CARDIORENAL SYNDROME: AN EXPERIMENTAL MODEL OF CHRONIC KIDNEY DISEASE AND HEART FAILURE WITH PRESSURE- AND VOLUME-OVERLOAD

A. Martiskova⁽¹⁾, M. M. Sykora⁽¹⁾, K. Ondrejka Andelova⁽¹⁾, T. Egan Benova⁽¹⁾, L. Cervenka⁽²⁾, B. Szeiffova Bacova⁽¹⁾
⁽¹⁾Bratislava (SLOVAK REPUBLIC), ⁽²⁾Prague (CZECH REPUBLIC)

P.23.07 REDUCTION IN HYPERTENSIVE URGENCIES WITH RADIOFREQUENCY RENAL DENERVATION AND POTENTIAL HEALTHCARE COST REDUCTIONS IN GERMANY AND SPAIN

M. Bohm⁽¹⁾, F. Jaen-Aguila⁽²⁾, M. Weber⁽³⁾, K. Kario⁽⁴⁾, D. Kandzari⁽⁵⁾, F. Mahfoud⁽⁶⁾, R. Schmieder⁽⁷⁾, K. Tsioufis⁽⁸⁾, T. Richter⁽⁹⁾, K. Wherry⁽⁹⁾, R. Townsend⁽¹⁰⁾
⁽¹⁾Homburg (GERMANY), ⁽²⁾Granada (SPAIN), ⁽³⁾New York (USA), ⁽⁴⁾Tochigi (JAPAN), ⁽⁵⁾Atlanta (USA), ⁽⁶⁾Basel (SWITZERLAND), ⁽⁷⁾Erlangen (GERMANY), ⁽⁸⁾Athens (GREECE), ⁽⁹⁾Minneapolis, ⁽¹⁰⁾Philadelphia (USA)

P.23.08 EFFECT OF CATHETER-BASED RENAL DENERVATION ON CENTRAL HEMODYNAMICS IN CHINESE PATIENTS WITH UNCONTROLLED HYPERTENSION.

Z. Zhang, Y. Peng, X. Chen
Chengdu (CHINA)



MAY 30 – 17:45-19:00

- P.23.09 LONG-TERM EFFECTS OF RENAL DENERVATION ON HYPERTENSION MANAGEMENT: INSIGHTS FROM AN ESH CENTER OF EXCELLENCE**
K. Kyriakoulis, S. Soulaïdopoulos, D. Konstantinidis, K. Dimitriadis, F. Tatakis, M. Stathouloupoulou, K. Platanias, K. Papadomarkaki, P. Iliakis, A. Kasiakogias, A. Kordalis, V. Papademetriou, K. Tsioufis
Athens (GREECE)
- P.23.10 PREDICTORS OF BLOOD PRESSURE RESPONSE AFTER RENAL DENERVATION IN RESISTANT HYPERTENSION**
G. Batista, M. Vicente, T. Santos, A.L. Silva, M. Simões, B. Resende, T. Carlos, L. Rocha, M. Griné, J. Silva, L. Gonçalves
Coimbra (PORTUGAL)
- P.23.11 LOW-INTENSITY SHOCK WAVE THERAPY TO LOWER BLOOD PRESSURE OF HYPERTENSIVE PATIENTS WITH CHRONIC KIDNEY DISEASE IN A RANDOMIZED SHAM-CONTROLLED TRIAL: SAFETY AND BASELINE CHARACTERIS**
M. Pruijm, G. Dominijanni, W. Brito, G. Nanchen, L. Arm, G. Wuerzner
Lausanne (SWITZERLAND)
- P.23.12 REAL-WORLD OUTCOMES OF RENAL DENERVATION IN PATIENTS WITH RESISTANT HYPERTENSION: A MULTI-CENTER REGISTRY**
A. Leibowitz⁽¹⁾, I. Dobrecky Mery⁽²⁾, S. Minha⁽³⁾, M. Halabi⁽⁴⁾, D. Dvir⁽⁵⁾, I. Soholotzki⁽⁶⁾, E. Regev⁽⁶⁾, Y. Arbel⁽⁷⁾
⁽¹⁾Ramat Gan, ⁽²⁾Haifa, ⁽³⁾Asaf harofe, ⁽⁴⁾Zafed, ⁽⁵⁾Jerusalem, ⁽⁶⁾Ramat Gan, ⁽⁷⁾Tel Aviv (ISRAEL)
- P.23.13 CARDIOLOGY TRAINEES' INTERVENTIONAL EDUCATION: STATUS, NEEDS AND RENAL DENERVATION COGNITION**
Y. Xiao, K. Liu
Chengdu City, (CHINA)
- P.23.14 12-MONTHS FOLLOW-UP DATA FROM THE RDN-CKD STUDY: BLOOD PRESSURE REDUCTION AND RENAL FUNCTION FOLLOWING ULTRASOUND RENAL DENERVATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE STAGE 3**
D. Kannenkeri⁽¹⁾, V. Bytyqi⁽¹⁾, A. Schmid⁽¹⁾, K. Striepe⁽¹⁾, A. Bosch⁽¹⁾, M.V. Karg⁽¹⁾, R. Veelken^(1, 2), M. Schiffer⁽¹⁾, M. Uder⁽¹⁾, R.E. Schmieder⁽¹⁾
⁽¹⁾Erlangen, ⁽²⁾Nuremberg (GERMANY)
- P.23.15 REAL-WORLD BLOOD PRESSURE OUTCOMES AFTER RENAL DENERVATION IN PATIENTS WITH RESISTANT HYPERTENSION**
G. Batista, M. Vicente, A.L. Silva, M. Simoes, T. Santos, B. Resende, T. Carlos, L. Rocha, M. Griné, J. Silva, L. Gonçalves
Coimbra (PORTUGAL)



MAY 30 – 17:45-19:00

TOTEM 6

E-POSTER SESSION - Epidemiology II

Chairpersons: P. Bandosz (Gdańsk, POLAND),
J. Motiejunaite (Paris, FRANCE),
A. Postadzhiyan (Sofia, BULGARIA)

P.24.01 CARDIOVASCULAR ENDPOINTS IN RELATION TO THE CENTRAL ARTERIAL PRESSURE-TIME INDEXES

Q.-F. Huang⁽¹⁾, Y. Li⁽¹⁾, J.A. Staessen⁽²⁾
⁽¹⁾Shanghai (CHINA), ⁽²⁾Mechelen (BELGIUM)

P.24.02 POPULATION BURDEN OF HYPERTENSION AND ITS COEXISTENCE WITH CORONARY HEART DISEASE IN POLAND

M. Burzynska^(1,2), U. Ceglowska⁽²⁾, P. Jankowski⁽²⁾
⁽¹⁾Lodz, ⁽²⁾Warsaw (POLAND)

P.24.03 CARDIOVASCULAR-KIDNEY-METABOLIC SYNDROME IN KOREA: A NATIONWIDE STAGE-SPECIFIC EPIDEMIOLOGY AND RISK OF MAJOR ADVERSE CARDIOVASCULAR EVENTS AND ALL-CAUSE MORTALITY

H.-Y. Park⁽¹⁾, J.H. Han⁽¹⁾, J.-H. Lee⁽¹⁾, J. Park⁽²⁾, S. Lim⁽¹⁾, I.-J. Cho⁽¹⁾, E. Yang⁽³⁾,
W.B. Pyun⁽¹⁾
⁽¹⁾Seoul, ⁽²⁾Daejeon (SOUTH KOREA), ⁽³⁾Seattle (USA)

P.24.04 RELATIONSHIP BETWEEN LONG SLEEP DURATION AND THE RISK OF ALL-CAUSE AND CARDIOVASCULAR MORTALITY AMONG TAIWANESE ADULTS IN A COMMUNITY-BASED COHORT

K.-L. Chien, Y.-C. Lin, H.-J. Lin, J. Wang
Taipei (TAIWAN)

P.24.05 IN-HOSPITAL MORTALITY OF HYPERTENSIVE CRISES: A TERTIARY CENTER STUDY

P. Cardoso Preto, P.H. Gutemberg, M. Gonçalves Sousa, J. Batista Souza, A. Gabriele Laurinavicius
São Paulo (BRAZIL)

P.24.06 BODY MASS INDEX IS NOT ASSOCIATED WITH CARDIOVASCULAR MORTALITY IN LONG-TERM FOLLOW-UP. EHUH 1 STUDY

A. Belancic⁽¹⁾, I. Pecin⁽²⁾, T. Zeljkovic Vrkic⁽²⁾, M. Marinovic Glavic⁽¹⁾,
M. Bilobrk⁽¹⁾, L. Bilajac⁽¹⁾, J. Kos⁽²⁾, J. Josipovic⁽²⁾, A. Jelakovic⁽²⁾,
M. Domislovic⁽²⁾, V. Prelevic⁽³⁾, D. Radunovic⁽³⁾, L. Blagus⁽²⁾, V. Bosnjak⁽²⁾,
I. Stimac⁽¹⁾, H. Polanscak⁽²⁾, K. Capak⁽²⁾, B. Jelakovic⁽²⁾
⁽¹⁾Rijeka, ⁽²⁾Zagreb (CROATIA), ⁽³⁾Podgorica (MONTENEGRO),

P.24.07 MOBILE APP IMPROVED THE BLOOD PRESSURE CONTROL IN OUTPATIENT BULGARIAN POPULATION

I. Gruev, S. Naydenov
Sofia (BULGARIA)

P.24.08 PREVALENCE, TREATMENT, CONTROL OF HYPERTENSION AND TOTAL CARDIOVASCULAR RISK IN EX-SMOKERS. EHUH 2 STUDY

T. Tokic, A. Kucina, J. Josipovic⁽¹⁾, M. Marinovic Glavic⁽²⁾, M. Bilobrk⁽²⁾,
I. Cepanec, B. Mandaric, L. Bilajac⁽²⁾, J. Kos⁽¹⁾, A. Jelakovic^(4,1),
M. Domislovic⁽¹⁾, V. Prelevic⁽⁸³⁾, D. Radunovic⁽³⁾, I. Pecin⁽¹⁾, T. Zeljkovic
Vrkic⁽¹⁾, M. Fucek⁽¹⁾, P. Susnjara⁽⁹⁴⁾, M. Boljesic Dumancic⁽¹⁰⁴⁾
B. Jelakovic⁽¹⁾
⁽¹⁾Zagreb, ⁽²⁾Rijeka (CROATIA), ⁽³⁾Podgorica (MONTENEGRO), ⁽⁴⁾Osijek
(CROATIA)



MAY 30 – 17:45-19:00

P.24.09 COMPARISON OF A SINGLE BLOOD PRESSURE READING WITH THE AVERAGE OF THREE CONSECUTIVE READINGS IN OPPORTUNISTIC SCREENING: A PART OF THE 'HUNTING THE SILENT KILLER' ACTION

M. Boljesic Dumancic⁽¹⁾, B. Kokic⁽¹⁾, I. Cepenec⁽²⁾, A. Ivic⁽¹⁾, M. Luburic⁽²⁾, E. Puch⁽²⁾, M. Domislovic⁽²⁾, B. Jelakovic⁽²⁾
⁽¹⁾Osijek, ⁽²⁾Zagreb (CROATIA)

P.24.10 AIR POLLUTION AND HYPERTENSION IN CROATIA: NATIONWIDE EVIDENCE OF REGIONAL AND SEASONAL ASSOCIATIONS

J. Nikic⁽¹⁾, A. Vuksic⁽¹⁾, A. Jelakovic⁽¹⁾, I. Abramovic⁽¹⁾, D. Bakovic⁽¹⁾, A. Stupin⁽²⁾, G. Gajski⁽¹⁾, N. Vikić-Topic⁽¹⁾, I. Herceg Bulic⁽¹⁾, M. Marinovic Glavic⁽³⁾, L. Bilajac⁽³⁾, Z. Reiner⁽¹⁰⁾, I. Pecin⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾Zagreb, ⁽²⁾Osijek, ⁽³⁾Rijeka (CROATIA),

P.24.11 EXCESS OR DYSFUNCTIONAL ADIPOSITY AND METABOLIC FACTORS IN A SAMPLE OF HIV-INFECTED AND NON-INFECTED INDIVIDUALS FROM ZAMBIA

A. Vadokas⁽¹⁾, M. Katundu-Phiri⁽²⁾, G. Malambo⁽²⁾, K. Mubanga⁽²⁾, J. Chongo⁽²⁾, M. Al Ssabbagh⁽¹⁾, P. Kasper⁽³⁾, F. Neuhann^(1,2), A. Deckert⁽¹⁾, H.-M. Steffen^(3,2)
⁽¹⁾Heidelberg (GERMANY), ⁽²⁾Lusaka (ZAMBIA), ⁽³⁾Köln (GERMANY)

P.24.12 PREVALENCE AND ONE-YEAR INCIDENCE OF PATIENT-HEALTHCARE PROFESSIONAL DISCUSSIONS ABOUT SEXUAL HEALTH IN HYPERTENSIVE ADULTS IN FRANCE: A COHORT STUDY

J. Vay Demouy, J. Blacher, H. Lelong, C. Jeanton-Seybel, V.-T. Tran
Paris (FRANCE)

P.24.13 WHEN OPPORTUNITY BEATS PRIORITY: DRIVERS OF HYPERTENSION SCREENING IN PRIMARY CARE

H. Gudjonsdottir, B. Brynedal
Stockholm (SWEDEN)

TOTEM 7

E-POSTER SESSION - Epidemiology III

Chairpersons: J.M. Polonia (Matosinhos, PORTUGAL),
A. Rekhviashvili (Tbilisi, GEORGIA),
T. Zdrojewski (Gdansk, POLAND)

P.25.01 PREVALENCE AND DETERMINANTS OF INAPPROPRIATE CLINICAL INERTIA IN HYPERTENSION MANAGEMENT: A SCENARIO-BASED SURVEY OF SOUTH KOREAN PHYSICIANS

M.-Y. Rhee, J.-S. Jang, K.H. Kim, J. Chung, E.M. Lee
Goyang (SOUTH KOREA)

P.25.02 CLUSTERING OF HYPERTENSION-MEDIATED ORGAN DAMAGE DIFFERS BY ETHNICITY IN A SPECIALIST HYPERTENSION POPULATION

L. Faconti, R. McLean, R. McNally, B. Farukh, N. Beckett,
P. Chowienczyk
London (UNITED KINGDOM)

P.25.03 CHANGES IN CAROTID LOCAL STIFFNESS DURING A SIX-YEARS FOLLOW UP IN A GENERAL POPULATION: THE VOBARNO STUDY

A. Paini, C. Aggiusti, F. Bertacchini, S. Capellini, D. Stassaldi, C. De Ciuceis, C. Agabiti Rosei, G. Buso, M. Lemoli, M.L. Muiesan, M. Salvetti
Brescia (ITALY)

P.25.04 TRENDS IN PROPORTIONS OF TREATED AND CONTROLLED HYPERTENSIVE SUBJECTS IN DIFFERENT BLOOD PRESSURE CATEGORIES AND HYPERTENSION STAGES. EHUH 1 AND EHUH 2 STUDIES

H. Polanscak⁽¹⁾, S. Sliskovic⁽¹⁾, T. Zeljkovic Vrkic⁽¹⁾, A. Jelakovic⁽¹⁾, L. Bilajac⁽²⁾, M. Marinovic Glavic⁽²⁾, J. Kos⁽¹⁾, I. Pecin⁽¹⁾, J. Josipovic⁽¹⁾, M. Domislovic⁽¹⁾, M. Boljesic Dumancic⁽³⁾, A. Stupin⁽³⁾, P. Susnjara⁽³⁾, L. Prgomet⁽¹⁾, A. Belancic⁽²⁾, M. Bilobrck⁽²⁾, B. Mandaric⁽¹⁾, I. Cepenec⁽¹⁾, V. Bralic Jang⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾Zagreb, ⁽²⁾Rijeka, ⁽³⁾Osijek (CROATIA)



MAY 30 – 17:45-19:00

P.25.05 RELATIONSHIP BETWEEN ARTERIAL STIFFNESS, BODY COMPOSITION AND FAT DISTRIBUTION IN THE GENERAL POPULATION

K. Jafari⁽¹⁾, S. Addour⁽¹⁾, C. Fortier⁽¹⁾, B. Hametner⁽²⁾, S. Wassertheurer⁽²⁾, R. Goupil⁽³⁾, M. Agharazii⁽¹⁾, H. Obeid
⁽¹⁾Quebec City (CANADA), ⁽²⁾Vienna (AUSTRIA), ⁽³⁾Montréal (CANADA)

P.25.06 BLOOD PRESSURE CONTROL AND HYPERTENSION-RELATED MYOCARDIAL REMODELING AMONG HYPERTENSIVE INDIVIDUALS EXPOSED TO ENVIRONMENTAL POLLUTION - A CROSS-SECTIONAL STUDY.

J. Baczalska, T. Drozd, A. Olszanecka, K. Stolarz-Skrzypek, A. Czapska, J. Jamros, A. Gil, M. Zajac, M. Rajzer, W. Wojciechowska
Kraków (POLAND)

P.25.07 INTERLEUKIN-6 AND BODY COMPOSITION IN APPARENTLY HEALTHY YOUNG ADULTS: A CROSS-SECTIONAL STUDY

A. Kudryavtseva, A.E. Bragina, N.A. Druzhinina, K.K. Novikov, A.I. Lezhenikova, E.A. Zakharyan, P.V. Nosova, A.M. Zhuk, S.I. Geidarova, V.I. Podzolkov
Moscow (RUSSIA)

P.25.08 ASSOCIATION OF BLOOD PRESSURE WITH INTRAOCULAR PRESSURE AND GLAUCOMA IN THE GENERAL ADULT POPULATION - OPPORTUNISTIC SCREENING IN THE "HUNTING THE SILENT KILLER" ACTION

M. Boljesic Dumancic⁽¹⁾, B. Mandaric⁽²⁾, L. Kadleccek⁽¹⁾, A. Kucina⁽²⁾, K. Marcic⁽²⁾, D. Biuk^(1,2), A. Kokot⁽¹⁾, B. Jelakovic⁽²⁾
⁽¹⁾Osijek, ⁽²⁾Zagreb (CROATIA)

P.25.09 PREVALENCE OF DEPRESSIVE SYMPTOMS AND THEIR ASSOCIATION WITH CARDIOVASCULAR RISK IN YOUNG ADULTS ATTENDING PRIMARY CARE.

J.F. Assad Duarte, I. da Silva flor ferreira, J. Alexandre da Silva, L.F. Bragança Penteado, C. Corrêa da Silva Fernando, T. de Sousa Poltronieri, M.H. Marinho Marques, A. Barbuda Hassan, J.E. Chen, J. Saldanha de Souza, V.L. Ludugerio Silva, F. Magalhães Castro, J. Franco de Andrade, A. Xavier Artemenko, M.V. Peixoto barretto leal, J.P. Soares da Silveira, M.V. Feres Nascif, R. Bedirian, D. Fiuza Gomes Monteiro, E. Silaid Muxfeldt
Rio de Janeiro (BRAZIL)

P.25.10 TRIGLYCERIDE-GLUCOSE INDEX AND BODY MASS INDEX ARE NOT INDEPENDENT PREDICTORS OF ALL-CAUSE AND CARDIOVASCULAR MORTALITY IN RURAL POPULATIONS: EHUH1 STUDY

B. Kokic⁽¹⁾, M. Domislovic⁽²⁾, J. Kos⁽²⁾, A. Jelakovic^(2, 3), J. Josipovic⁽²⁾, V. Domislovic⁽²⁾, A. Belancic⁽³⁾, M. Bilobrk⁽³⁾, L. Bilajac⁽³⁾, I. Stimac⁽³⁾, A. Ivic⁽¹⁾, L. Kadleccek⁽¹⁾, M. Luburic⁽²⁾, Z. Kolarevic⁽¹⁾, I. Pecin⁽²⁾, K. Capak⁽²⁾, B. Jelakovic⁽²⁾
⁽¹⁾Osijek, ⁽²⁾Zagreb, ⁽³⁾Rijeka (CROATIA)

P.25.11 DYNAMICS OF HYPERTENSION CONTROL IN AN ACS HOSPITALIZED COHORT FOLLOWED-UP AT 6 MONTHS

V.D. Vintila, E. Hasouna, D. Dinicuta, D. Vinereanu
Bucharest (ROMANIA)

P.25.12 LYMPHOCYTES SUBPOPULATIONS VALUES IN PATIENTS WITH ATRIAL FIBRILLATION AND FLUTTER

O. Marchenko
Kyiv (UKRAINE)



MAY 30 – 17:45-19:00

P.25.13 ASSOCIATION BETWEEN FTO GENE AND METABOLIC SYNDROME SEVERITY: THE ROLE OF SEDENTARY BEHAVIOUR AND SKELETAL MUSCLE IN TRANSITIONING RURAL POPULATIONS OF ASSAM, NORTHEAST INDIA.

A.J. Gogoi⁽¹⁾, C. Sarmah⁽²⁾, P.K. Borah⁽¹⁾

⁽¹⁾Dibrugarh, Assam ⁽²⁾Guwahati, Assam (INDIA)

P.25.14 THE BURDEN OF HYPERTENSION IN A CRISIS-AFFECTED POPULATION: EPIDEMIOLOGICAL TRENDS IN SYRIA

U. Alanan, A.N. Radwan

latakia (SYRIAN ARAB REPUBLIC)

TOTEM 8

E-POSTER SESSION - Heart II

Chairpersons: J. Seidlerova (Plzen, CZECH REPUBLIC),

P. Sinigoj (Ljubljana, SLOVENIA)

P.26.01 MYOCARDIAL MECHANO-ENERGETIC EFFICIENCY AND ARTERIAL STIFFNESS

A. Paini, F. Bertacchini, C. Aggiusti, S. Capellini, C. De Ciuceis, C. Agabiti Rosei, G. Buso, F. Cherubini, R. Gatta, M.L. Muisan, M. Salvetti

Brescia (ITALY)

P.26.02 AI-DERIVED SCORE TO PREDICT EFFORT INTOLERANCE AND ADVERSE OUTCOME ACROSS THE HEART FAILURE SPECTRUM

L. Del Punta⁽¹⁾, S. Moura-Ferreira⁽²⁾, G. Georgiopoulos⁽³⁾, G. Mastoras⁽⁴⁾, N. De Biase⁽¹⁾, V. Di Fiore⁽¹⁾, C. Macheda⁽¹⁾, G. Savarese⁽⁵⁾, S. Taddei⁽¹⁾, J. Verwerft⁽²⁾, S. Masi⁽¹⁾, N.R. Pugliese⁽¹⁾

⁽¹⁾Pisa (ITALY), ⁽²⁾Hasselt (BELGIUM), ⁽³⁾Patras, ⁽⁴⁾Thessaloniki (GREECE), ⁽⁵⁾Stockholm (SWEDEN)

P.26.03 PROGNOSTIC IMPACT OF COMORBIDITIES IN HYPERTENSIVE CARDIOMYOPATHY HOSPITALISED FOR DECOMPENSATED HEART FAILURE

T. Aguiar, I. Cruz, M. Silva, C. Costa, S. Carvalho, J. Ribeiro, J. Bastos, A. Briosa

Aveiro (PORTUGAL)

P.26.04 ASSOCIATION OF OUT-OF-OFFICE BLOOD PRESSURE WITH N-TERMINAL PRO-B-TYPE NATRIURETIC PEPTIDE AND LEFT VENTRICULAR REMODELING IN PATIENTS WITH HEART FAILURE

H. Miao, Z. Zhou, Z. Yin, X. Li, B. Han, Y. Zhang

Beijing (CHINA)



MAY 30 – 17:45-19:00

- P.26.05 THE EFFECT OF EPLERENONE VS IRBESARTAN AS FIRST LINE THERAPY IN OBESE HYPERTENSIVE PATIENTS ON LEFT VENTRICULAR HYPERTROPHY AND DIASTOLIC DYSFUNCTION: RESULTS OF HEBRO RCT**
M. Kouremeti, P. Iliakis, S. Drogkaris, F. Tatakis, E. Manta, M. Kariori, A. Sakalidis, A. Vakka, K. Kyriakoulis, K. Papadomarkaki, A. Kasiakogias, D. Konstantinidis, K. Dimitriadis, K. Tsioufis
Athens (GREECE)
- P.26.06 ASSOCIATION BETWEEN TRIGLYCERIDES-GLUCOSE INDEX AND LEFT VENTRICULAR MASS. URIC ACID RIGHT FOR HEART HEALTH PROJECT**
M.L. Muiesan⁽¹⁾, E. Casiglia⁽²⁾, G. Grassi⁽³⁾, R. Pontremoli⁽⁴⁾, A. Virdis⁽⁵⁾, C. Borghi⁽⁶⁾
⁽¹⁾Brescia, ⁽²⁾Padua, ⁽³⁾Monza, ⁽⁴⁾Genoa, ⁽⁵⁾Pisa, ⁽⁶⁾Bologna (ITALY)
- P.26.07 COMPARATIVE EVALUATION OF ISOPROTERENOL-INDUCED MYOCARDIAL NECROSIS USING DIFFERENT DOSE REGIMENS**
P. Bhardwaj, V. Kumar Verma, V. Prajapati, J. Bhatia, D. Singh Arya
New Delhi (INDIA)
- P.26.08 SEVERE RENO-VASCULAR HYPERTENSION WITH LEFT VENTRICULAR HYPERTROPHY IN AN INFANT WITH A SMAD3 MUTATION**
A. Blazejczyk, M. Lichosik, A. Bielanowicz, J. Koziej, A. Kolesnik, G. Brzezinska-Rajsyzs, J. Antoniewicz, L. Obrycki, M. Litwin
Warsaw (POLAND)
- P.26.09 LEFT VENTRICULAR DIASTOLIC FUNCTION IN PATIENTS WITH ARTERIAL HYPERTENSION WITHOUT COMORBID CONDITIONS: FINDINGS OF A PROSPECTIVE STUDY**
D. Mukhtarkhanova, G. Junusbekova, M. Tundybayeva, L. Baglanova, Y. Yegorova
Almaty (KAZAKHSTAN)
- P.26.10 THE SILENT THIEF: A SYNCOPE THAT WAS MORE THAN JUST A FEAR**
J. Bondaruk, M.A. Majzit, A. Zyskowska, A. Krepsztul-Jemielita, W. Piotrowska, P. Sielatycki, E. Zbroch
Bialystok (POLAND)
- P.26.11 EPIDEMIOLOGY AND CLINICAL CHARACTERISTICS OF HEART FAILURE WITH PRESERVED EJECTION FRACTION IN HYPERTENSIVE PATIENTS OVER 60 YEARS OLD: HFPEF-HYPERTENSION STUDY**
M. Marketou⁽¹⁾, E. Kallistratos⁽²⁾, D. Konstantinidis⁽²⁾, H. Triantafillidi⁽²⁾, C. Grassos⁽²⁾, S. Maragkoudakis⁽³⁾, I. Bostanitis⁽⁴⁾, E. Sanidas⁽²⁾, D. Papadopoulos⁽²⁾, V. Katsi⁽²⁾, C. Thomopoulos⁽²⁾, I. Zarifis⁽⁷⁾, D. Benas⁽²⁾, G. Lilikaki⁽³⁾, E. Beneki⁽²⁾, M. Stathoulopoulou⁽²⁾, G. Spagos⁽⁴⁾, G. Blazakis⁽²⁾, K. Grigoriou⁽²⁾, K. Tsioufis⁽²⁾
⁽¹⁾Heraklion, ⁽²⁾Athens, ⁽³⁾Chania, ⁽⁴⁾Thessaloniki (GREECE)
- P.26.12 PREVALENCE AND CHARACTERISTICS OF SUBJECTS WITH HEART STRESS IN GENERAL ADULT POPULATION EHUH 2 STUDY**
B. Mandaric⁽¹⁾, I. Cepanec⁽¹⁾, M. Stupin⁽²⁾, M. Marinovic Glavic⁽³⁾, A. Jelakovic^(3,1), L. Bilajac⁽³⁾, J. Josipovic⁽¹⁾, V. Prelevic⁽⁴⁾, M. Bilobrk⁽³⁾, I. Bitunjac⁽⁵⁾, B. Pezo⁽¹⁾, K. Gasparovic⁽¹⁾, A. Belancic⁽³⁾, M. Fucek⁽¹⁾, I. Pecin⁽¹⁾, M. Domislovic⁽¹⁾, T. Zeljkovic Vrkic⁽¹⁾, J. Kos⁽¹⁾, V. Bralic Lang⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾Zagreb, ⁽²⁾Osijek, ⁽³⁾Rijeka (CROATIA), ⁽⁴⁾Podgorica (MONTENEGRO), ⁽⁵⁾Slavonski Brod (CROATIA)
- P.26.13 COMPARATIVE ACCURACY OF AUTOMATED AND AUSCULTATORY AUTOMATED BLOOD PRESSURE DEVICES IN HYPERTENSIVE PATIENTS WITH ATRIAL FIBRILLATION**
E.M. Lee⁽¹⁾, Y.-M. Kim⁽²⁾, K.H. Kim⁽¹⁾, J. Chung⁽¹⁾, J.-S. Jang⁽¹⁾, M.-Y. Rhee⁽¹⁾, K.W. Oh⁽³⁾, J. Shin⁽⁴⁾
⁽¹⁾Gyeonggi-do, ⁽²⁾Seoul, ⁽³⁾Cheongju, ⁽⁴⁾Seoul (SOUTH KOREA)



MAY 30 – 17:45-19:00

**P.26.14 DETERMINANTS OF OFFICE BLOOD PRESSURE VARIABILITY
WITHIN A SINGLE VISIT IN PATIENTS WITH ATRIAL FIBRILLATION**

E. Antonogiannaki, V. Ntousopoulos, D. Krystallaki, T. Tsaganos,
A. Menti, E. Stambolliu, D. Tsiachris, G.S. Stergiou, A. Kollias
Athens (GREECE)

**P.26.15 LEFT VENTRICLE SYSTOLIC FUNCTION ASSESSMENT IN
HYPERTENSIVE NEPHROPATHY PATIENTS**

V. Bezrodnyi, A. Logvynenko, O. Gulkevych, L. Bezrodna, G. Bozhenko
Kyiv (UKRAINE)

TOTEM 9

E-POSTER SESSION - Hypertension Phenotypes II

Chairpersons: **E.O. Cruz Lopez (Rotterdam, NETHERLANDS),
L. Strzyczynski (POLAND)**

**P.27.01 ASSOCIATION OF MEAN ARTERIAL PRESSURE VARIABILITY
DURING HOSPITALIZATION WITH DEATH AND CARDIOVASCULAR
EVENTS WITHIN 3 MONTHS AFTER ISCHEMIC STROKE**

T. Xu, C. Dong, A. Wang, Y. Zhang
Suzhou (CHINA)

**P.27.02 PREVALENCE OF CORONARY ARTERY DISEASE ACROSS
ARTERIAL HYPERTENSION PHENOTYPES: UNCONTROLLED,
RESISTANT, AND REFRACTORY HYPERTENSION**

R. Makaryan⁽¹⁾, A. Aksenova⁽¹⁾, E. Gorbunova⁽²⁾, S. Makarov⁽³⁾,
E. Elfimova⁽¹⁾, I. Chazova⁽¹⁾
⁽¹⁾Moscow, ⁽²⁾Kemerovo, ⁽³⁾Kemerovo (RUSSIA),

**P.27.03 THE EFFECT OF HYPOXIC BURDEN ON HEART RATE VARIABILITY
IN OBSTRUCTIVE SLEEP APNEA**

H. Martynowicz, J. Kanclerska, P. Macek, D. Nowacki, J. Przegralek,
A. Wojakowska, A. Derkacz, P. Lubieniecki, K. Madziarska,
M. Wieckiewicz
Wroclaw (POLAND)

**P.27.04 AMBULATORY BLOOD PRESSURE AND AUTONOMIC
IMBALANCE: ASSOCIATIONS BETWEEN 24-HOUR BLOOD
PRESSURE MONITORING AND HOLTER-DERIVED HEART RATE
VARIABILITY.**

L. Woznicka-Leskiewicz, W. Lapa, G. Miczuga, N. Oglodzinska, B. Czech
Poznan (POLAND)



MAY 30 – 17:45-19:00

P.27.05 IMPACT OF OBSTRUCTIVE SLEEP APNEA-HYPOPNEA SYNDROME SEVERITY ON HEART RATE VARIABILITY AND QTC INTERVAL IN HYPERTENSIVE PATIENTS

M. Stojanovic, M. Deljanin Ilic, L. Ristic, Z. Stamenkovic, G. Koracevic, D. Gojkovic, J. Kostic
Nis (SERBIA)

P.27.06 PROGNOSTIC SIGNIFICANCE OF DIABETES ON VISIT-TO-VISIT ULTRAFILTRATION VOLUME VARIABILITY IN CHRONIC HEMODIALYSIS PATIENTS

B. Csiky, B. Sági⁽¹⁾, T. Vas, É. Fejes⁽²⁾
⁽¹⁾Pécs, ⁽²⁾Komló (HUNGARY)

P.27.07 VISIT-TO-VISIT SYSTOLIC BLOOD PRESSURE VARIABILITY PREDICTS ALL-CAUSE MORTALITY IN PATIENTS WITH ANCA-ASSOCIATED VASCULITIS IN THE MAINTENANCE PHASE.

E. Bussalino, E. Russo⁽¹⁾, L. Maccio⁽¹⁾, F. Alberici⁽²⁾, F. Mescia⁽²⁾, G. Moroni⁽³⁾, M. Calatroni⁽³⁾, F. Reggiani⁽³⁾, P. Esposito⁽¹⁾, F. Viazzi⁽¹⁾
⁽¹⁾Genova, ⁽²⁾Brescia, ⁽³⁾Milano (ITALY)

P.27.08 INFLUENCE OF AN AVERAGE REAL BLOOD PRESSURE VARIABILITY ON LEFT AND RIGHT VENTRICULAR FUNCTION AND MORPHOLOGY IN PATIENTS WITH NORMO- AND HYPERTENSION

A. Rekhviashvili, N. Petriashvili
Tbilisi (GEORGIA)

P.27.09 SERUM URIC ACID HYPERPRODUCTION AS A POTENTIALLY DISTINCT PHENOTYPE IN GOUT PATIENTS ON CHRONIC TREATMENT WITH XANTHINE OXYDASE INHIBITOR: A POST HOC ANALYSIS

C. Borghi⁽¹⁾, S. Baldini⁽²⁾, S. Meto⁽²⁾, P. Fabrizzi⁽²⁾, L. Melani⁽²⁾, G. Reggiardo⁽³⁾, F. Steering Committee⁽⁴⁾, G. Desideri⁽⁵⁾
⁽¹⁾Bologna, ⁽²⁾Florence, ⁽³⁾Pavia (ITALY), ⁽⁴⁾Dundee (UNITED KINGDOM), ⁽⁵⁾Aquila (ITALY)

P.27.10 TELIENDURE CONSENSUS: TELMISARTAN BEYOND BLOOD PRESSURE CONTROL ACROSS THE CARDIOMETABOLIC CONTINUUM IN HYPERTENSION

S. Chakraborty⁽¹⁾, S. Ghosh⁽²⁾, A. Kundu⁽³⁾, A. Sharma⁽⁴⁾, M. Muzamil⁽⁵⁾, K. Makkar⁽⁶⁾, S. Bagri⁽⁷⁾, K. Jeswani⁽⁸⁾, S. Nilangekar⁽⁹⁾, K. Rao⁽¹⁰⁾
⁽¹⁾Berhampore, ⁽²⁾Coochbehar, ⁽³⁾Hooghly, ⁽⁴⁾Lucknow, ⁽⁵⁾Udhampur, ⁽⁶⁾Panchkula, ⁽⁷⁾Jabalpur, ⁽⁸⁾Pune, ⁽⁹⁾Aurangabad, ⁽¹⁰⁾Hyderabad (INDIA)

P.27.11 ASSOCIATION OF CARDIOVASCULAR HEALTH WITH SHORT-TERM BLOOD PRESSURE VARIABILITY: USING THE AMERICAN HEART ASSOCIATION'S NEW "LIFE'S ESSENTIAL 8" METRICS

S. Zhang
Beijing (CHINA)

P.27.12 CORRELATIONS BETWEEN STRUCTURAL REMODELING AND EJECTION FRACTION IN HYPERTENSIVE PATIENTS: THE IMPACT OF HEART FAILURE PHENOTYPES

V.B. Halatiu, I.-P. Rodean, T. Mihaila, C.-G. Grigoroaea, I. Benedek, T. Benedek
Targu Mures (ROMANIA)

P.27.13 COMPARATIVE EFFECTS OF HEAD-UP TILT ON CAROTID-FEMORAL AND FINGER-TOE PULSE WAVE VELOCITY

S. Khataei, D. Ndalla Landou, K. Jafari, C. Fortier, S. Addour, M. Agharazii
Québec (CANADA)

P.27.14 CORRELATION OF BLOOD PRESSURE VARIABILITY WITH LEFT VENTRICULAR MASS INDEX IN HEALTHY SUBJECTS WITH ELEVATED BLOOD PRESSURE DEFINED BY AMBULATORY BLOOD PRESSURE MONITORING

T. Helen, B. Dimitrios, B. Ilias, V. Efstratios, P. George, T. Paraskevi, S. Antonios, B. Dionyssia, O. Ignatios
Athens (GREECE)



MAY 30 – 17:45-19:00

P.27.15 ALTERED WAKEFUL RESPIRATORY PATTERN VARIABILITY IN UNCOMPLICATED HYPERTENSION AND ITS LINKS TO BMI

B. Graff⁽¹⁾, M. Szymanska⁽¹⁾, P. Pilarczyk⁽¹⁾, A. Misztak⁽¹⁾, J. Paton⁽²⁾, K. Narkiewicz⁽¹⁾

⁽¹⁾Gdansk (POLAND), ⁽²⁾Auckland (NEW ZEALAND)

P.27.16 PATHOPHYSIOLOGICAL SIGNIFICANCE OF STEROID HORMONE-SYNTHESIZING ENZYME GENES IN PHEOCHROMOCYTOMA

Y. Takeda, Y. Takeda, M. Kometani, M. Demura, S.-i. Horike, S. Karashima, D. Aono, S. Konishi, T. Yoneda

Kanazawa (JAPAN)

TOTEM 10

E-POSTER SESSION - Kidney

Chairpersons: B.I. Freedman (Winston-Salem, USA),
M. Miglinas (Vilnius, LITHUANIA),
T. Robberechts (Jette, BELGIUM)

P.28.01 ASSOCIATION OF ARTERIAL HYPERTENSION DIAGNOSIS AT THE TIME OF KIDNEY BIOPSY WITH HISTOPATHOLOGICAL FEATURES AND KIDNEY FUNCTION IN PATIENTS WITH IGA NEPHROPATHY

M. Miglinas, R. Stankevicius, E. Macioniene
Vilnius (LITHUANIA)

P.28.02 RELATIONSHIP BETWEEN ESTIMATED PULSE WAVE VELOCITY AND RENAL FUNCTION AND CARDIOMETABOLIC PARAMETERS IN A DIFFERENT TYPES OF CHRONIC KIDNEY DISEASE

B. Sági, É. Fejes, T.J. Kovács
Pécs (HUNGARY)

P.28.03 ATHEROGENIC LIPID PHENOTYPE AND ENDOTHELIAL NITRIC OXIDE SYNTHASE G894T POLYMORPHISM IN RESIDUAL CARDIORENAL RISK IN HYPERTENSION AND DIABETIC KIDNEY DISEASE

V. Zlatkina, A. Nesen
Kharkiv (UKRAINE)

P.28.04 OUTCOMES OF RENAL ANGIOPLASTY FOR FIBROMUSCULAR DYSPLASIA IN ASIAN VERSUS CAUCASIAN PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS

W. Wang⁽¹⁾, T. Robberechts⁽¹⁾, J. Xu⁽²⁾, T. Fujimoto⁽³⁾, A.-C. Pouleur⁽¹⁾, D. Vancraeynest⁽¹⁾, N. Kanaan⁽¹⁾, J. Wang⁽²⁾, K. Zen⁽³⁾, M.S. Stoenoiu⁽¹⁾, A. Persu⁽¹⁾

⁽¹⁾Brussels (BELGIUM), ⁽²⁾Shanghai (CHINA), ⁽³⁾Kyoto (JAPAN)



MAY 30 – 17:45-19:00

P.28.05 THE RELATIONSHIP BETWEEN LEFT VENTRICULAR MASS INDEX AND THERAPEUTIC REQUIREMENTS IN HYPERTENSIVE KIDNEY TRANSPLANT RECIPIENTS

S. Iliescu, C. Namolovan, A. Covic, V. Birca, A. Stefan, L. Voroneanu, A. Covic
Iasi (ROMANIA)

P.28.06 PREVALENCE OF HISTOPATHOLOGICAL FEATURES OF HYPERTENSIVE NEPHROPATHY IN RENAL BIOPSIES FROM HYPERTENSIVE PATIENTS

I. Fejes, S. Turkevi-Nagy, B. Iványi, G. Ábrahám, P. Légrády
Szeged (HUNGARY)

P.28.07 NIGHTTIME BLOOD PRESSURE AND ASSOCIATION WITH DIFFERENT DEFINITIONS OF MORNING BLOOD PRESSURE SURGE IN KIDNEY TRANSPLANT RECIPIENTS

A. Georgiou, F. Iatridi, M.P. Tehodorakopoulou, A.G. Theodosiadi, E. Karkamani, A.G. Karagiannidis, E. Sampani, C.A. Dimitriadis, G. Miserlis, P. Sarafidis
Thessaloniki (GREECE)

P.28.08 THE ROLE OF VASOPRESSIN IN SALT-MEDIATED BLOOD PRESSURE RESPONSE IN HEALTHY VOLUNTEERS AND PATIENTS WITH CHRONIC KIDNEY DISEASE.

M. Kraak⁽¹⁾, R. van Duin⁽¹⁾, M. Oppelaar⁽¹⁾, D. Collard⁽¹⁾, I. van den Berg-Garrelts⁽²⁾, B.-J. van den Born⁽¹⁾, J. Danser⁽²⁾, R. Olde Engberink⁽¹⁾, L. Vogt⁽¹⁾
⁽¹⁾Amsterdam, ⁽²⁾Rotterdam (NETHERLANDS)

P.28.09 ASSOCIATION BETWEEN RENAL DYSFUNCTION MARKERS AND FREQUENT SUPRAVENTRICULAR EXTRASYSTOLES IN PATIENTS WITH ARTERIAL HYPERTENSION

K. Yusupova, G. Abdullaeva, S. Fayzullaeva, G. Radjapova
Tashkent (UZBEKISTAN)

P.28.10 ADVANCED GLYCATION ENDPRODUCTS, BLOOD PRESSURE, AND ARTERIAL STIFFNESS IN CHRONIC KIDNEY DISEASE PATIENTS— ARE THEY RELATED?

M. Vuckovic, M. Nikolic, J. Radic
Split (CROATIA)

P.28.11 RACIAL DISPARITIES IN PERITONEAL DIALYSIS UTILIZATION AMONG PATIENTS WITH HYPERTENSIVE END-STAGE RENAL DISEASE: A POPULATION-LEVEL ANALYSIS (2012-2022)

C. Amalan
Boston (USA)

P.28.12 ASSESSMENT OF THE EFFECT OF STATINS ON CARBOHYDRATE AND LIPID METABOLISM AND THE EFFECTIVENESS OF HEMODIALYSIS IN PATIENTS WITH END-STAGE RENAL DISEASE

N. Khudiakova⁽¹⁾, V. Vasilkova⁽²⁾, S. Stojanovich⁽¹⁾, D. Radoichich⁽¹⁾, Y. Hhudiakov⁽¹⁾, I. Pchelin⁽³⁾
⁽¹⁾Novi Sad (SERBIA), ⁽²⁾Gomel (BELARUS), ⁽³⁾St. Petersburg (RUSSIA)

P.28.13 EARLY CHANGES IN THE MACROCIRCULATION PRECEDE MICROCIRCULATORY ADAPTATION AFTER RENAL TRANSPLANTATION

D. Kannenkeril, K. Striepe, V. Bytyqi, M. Günes-Altan, A. Bosch, K. Reichert, T. Kliem, K. Heller, M. Schiffer, R.E. Schmieder
Erlangen (GERMANY)

P.28.14 PSYCHOLOGICAL STATE AND QUALITY OF LIFE OF PATIENTS WITH ESSENTIAL AND SECONDARY (NEPHROGENIC) ARTERIAL HYPERTENSION

V. Romanova⁽¹⁾, N. Kuzminova⁽¹⁾, M. Gunko⁽¹⁾, I. Gunko⁽¹⁾, A. Ivankova⁽¹⁾, M. Nazarova⁽¹⁾, M. Repetenko⁽²⁾, L. Romanova⁽¹⁾, N. Horobets⁽²⁾
⁽¹⁾Vinnitsya, ⁽²⁾Kyiv (UKRAINE)



MAY 30 – 17:45-19:00

TOTEM 11

E-POSTER SESSION - Obesity

Chairpersons: G. Dzida (Lublin, POLAND),

J.I. Perez Duhalde (La Plata, ARGENTINA),

S. Sokolovic (Sarajevo, BOSNIA AND HERZEGOVINA)

P.29.01 ADIPOSITY INDICES DERIVED FROM DUAL-ENERGY X-RAY ABSORPTIOMETRY ARE ASSOCIATED WITH RETINAL MICROVASCULAR PARAMETERS.

M. Lemoli, C. Agabiti Rosei, C. De Ciuceis, C. Rossini, S. Cotelli, C. Buoso, S. Bressa, F. Cherubini, G. Buso, M. Dusi, A. Del Barba, C. Cappelli, E. Agabiti Rosei, M.L. Muiesan
Brescia (ITALY)

P.29.02 AGE- AND SEX- SPECIFIC PREVALENCE AND INCIDENCE OF OBESITY SUBTYPES ACROSS THE LIFESPAN IN THE CHINESE POPULATION

L. Chen⁽¹⁾, X. Meng⁽²⁾, C. Gao⁽²⁾, Y. Xu⁽¹⁾, L. Shi⁽¹⁾, H. Dong⁽²⁾, Y. Yan⁽²⁾, W. Ding⁽¹⁾
(1)Yinchuan, (2)Beijing (CHINA)

P.29.03 CROATIA OVERWEIGHT AND OBESITY TRENDS: TWO DECADES. EHUH 1 AND 2 STUDIES

A. Belancic⁽¹⁾, I. Pecin⁽²⁾, T. Zeljkovic Vrkic⁽²⁾, M. Marinovic Glavic⁽¹⁾, M. Bilobrck⁽¹⁾, L. Bilajac⁽¹⁾, J. Kos⁽²⁾, J. Josipovic⁽²⁾, A. Jelakovic^(1,3), M. Domislovic⁽²⁾, I. Stimac⁽¹⁾, H. Polanscak⁽²⁾, D. Stimac⁽¹⁾, S. Klobucar⁽¹⁾, B. Jelakovic⁽²⁾
(1)Rijeka, (2)Zagreb (CROATIA)

P.29.04 TRONCO-CONICAL CUFFS SHOULD BE USED FOR ACCURATE BLOOD PRESSURE MEASUREMENT IN OBESE PEOPLE WITH UPPER-ARM CIRCUMFERENCE \geq 40 CM.

P. palatini⁽¹⁾, C. Fania⁽¹⁾, F. Battista⁽¹⁾, F. Saladini⁽²⁾
(1)Padova, (2)Cittadella (ITALY)

P.29.05 RESVERATROL ATTENUATES MYOCARDIAL FIBROSIS AND IMPROVES METABOLIC STATUS AND LEFT VENTRICULAR DIASTOLIC DYSFUNCTION IN DIET-INDUCED OBESE HYPERTENSIVE MODEL

S.-H. Ihm⁽¹⁾, K.A. Kim⁽²⁾, B.-K. Lim⁽³⁾
(1)Bucheon, (2)Incheon, (3)Goesan-gun (SOUTH KOREA)

P.29.06 EPIDEMIOLOGY OF OBESITY IN CROATIA - EH - UH 2 STUDY

A. Belancic⁽¹⁾, I. Pecin⁽²⁾, M. Marinovic Glavic⁽¹⁾, M. Bilobrck⁽¹⁾, L. Bilajac⁽¹⁾, M. Fucek⁽²⁾, A. Jelakovic^(1,2), M. Matovinovic⁽²⁾, M. Baretic⁽²⁾, K. Paponja⁽²⁾, J. Jug⁽²⁾, R. Leveckic⁽³⁾, L. Progmet⁽²⁾, Z. Smuljic⁽²⁾, I. Stimac⁽¹⁾, H. Polanscak⁽²⁾, D. Stimac⁽¹⁾, S. Klobucar⁽¹⁾, B. Jelakovic⁽²⁾
(1)Rijeka, (2)Zagreb, (3)Pozega (CROATIA)

P.29.07 ADRENAL MEDULLARY FUNCTION IS DECREASED IN YOUNG OBESE SUBJECTS WITH HYPERTENSION.

P. palatini⁽¹⁾, A. Mazzer⁽²⁾, M. Rattazzi⁽¹⁾, L. Mos⁽³⁾, F. Saladini⁽⁴⁾
(1)Padova, (2)Vittorio Veneto, (3)San Daniele del Friuli, (4)Cittadella (ITALY)

P.29.08 BLOOD PRESSURE OUTCOMES AFTER BARIATRIC SURGERY IN PATIENTS WITH OBESITY: SHORT- AND LONG-TERM FOLLOW-UP

M. Humiecka, K. Kedzierska, A. Sawicka, P. Jankowski
Warszawa (POLAND)

P.29.09 REDUCTION OF PULSE PRESSURE BY TREATMENT WITH GLP-1 RECEPTOR AGONIST SEMAGLUTIDE IS ASSOCIATED WITH REDUCTION IN BMI: ANALYSIS OF A PROSPECTIVE RANDOMIZED PLACEBO-CONTROLLED STUDY

T. Kliem, D. Kannenkeril, A. Bosch, M. Günes-Altan, V. Bytyqi, M. Karg, K. Striepe, M. Schiffer, R. Schmieder
Erlangen (GERMANY)



MAY 30 – 17:45-19:00

P.29.10 RENIN-TO-ALDOSTERONE RATIO IS MECHANISTICALLY ASSOCIATED WITH AMBULATORY BLOOD PRESSURE LEVELS AND CONTROL IN TREATED HYPERTENSIVE PATIENTS WITH OVERWEIGHT OR OBESITY

M. Landolfo⁽¹⁾, F. Spannella⁽¹⁾, A. Gezzi⁽¹⁾, F. Giulietti⁽¹⁾, C. Mercanti⁽²⁾, C. Turchetti⁽¹⁾, S. Moriglia⁽¹⁾, R. Sarzani⁽¹⁾
⁽¹⁾Ancona, ⁽²⁾Senigallia (ITALY)

P.29.11 AMBULATORY BLOOD PRESSURE VARIABILITY AND MICRO- AND MACROVASCULAR DYSFUNCTION ACROSS BODY MASS INDEX: A CROSS-SECTIONAL STUDY IN PATIENTS WITH SUSTAINED HYPERTENSION

N. Evangelidis, A. Triantafyllou, S. Ouzouni, E. Ztriva, G. Savvopoulos, A. Botskariova, M. Andronoglou, G. Dimas, V. Patriarcheas, E. Bampalis, C. Savopoulos
Thessaloniki (GREECE)

P.29.12 CHEMERIN IS AN ADIPOKINE LINKED WITH ENDOTHELIN-DEPENDENT VASOCONSTRICTOR TONE IN HUMAN OBESITY

F. Schinzari, R. Montenero, C. Cardillo, M. Tesaro
Rome (ITALY)

P.29.13 IS IT POSSIBLE TO EFFECTIVELY TREAT OBESITY CONSERVATIVELY WITHIN THE PUBLIC HEALTHCARE SYSTEM?

K. Szmygel, A. Puch-Walczak, A. Wojciechowska, A. Szyndler, K. LAMk, E. Korecka-Choinska, P. Bochenek-Strylska, M. Hoffmann
Gdansk (POLAND)

TOTEM 12

E-POSTER SESSION - Pathophysiology and Mechanisms II

Chairpersons: T. Niiranen (Turku, FINLAND),
H. Sánez Tähtisalo (Helsinki, FINLAND),
M.D. Solbu (Tromsø, NORWAY)

P.30.01 GPER STIMULATION ATTENUATES MITOCHONDRIAL DYSFUNCTION AND CARDIAC DYSFUNCTION PATHWAY IN OVARIECTOMIZED MICE WITH HFPEF

M. Qi, R. Sun, J. Yu
Lanzhou (CHINA)

P.30.02 KIDNEY PROTECTION BY LOW ON-TREATMENT SYSTOLIC BLOOD PRESSURE IN HYPERTENSIVE PATIENTS WITH PROTEINURIA

E. Olsen⁽¹⁾, J.E. Mariampillai⁽²⁾, R.E. Schmierder⁽³⁾, K. Jamerson⁽⁴⁾, C.L. Søråas⁽⁵⁾, G. Mancia⁽⁶⁾, M.H. Mehlum⁽⁵⁾, K. Liestøl⁽⁵⁾, A.C.K. Larstorp⁽⁵⁾, L.V. Halvorsen⁽⁵⁾, B. Waldum-Grevbo⁽⁵⁾, R. Mo⁽¹⁾, S.E. Kjeldsen^(4, 5), M.A. Weber⁽⁷⁾
⁽¹⁾Trondheim (Norway), ⁽²⁾Lørenskog (NORWAY), ⁽³⁾Erlangen (GERMANY), ⁽⁴⁾Ann Arbor, MI (USA), ⁽⁵⁾Oslo (NORWAY), ⁽⁶⁾Milan (ITALY), ⁽⁷⁾New York, NY (USA)

P.30.03 ALTERNATIVE ANKLE-BRACHIAL ASSESSMENTS SHOW NO SIGNIFICANT ADDED VALUE IN PREDICTING MORTALITY OF HYPERTENSIVE PATIENTS

Z. Járjai, E. Kolozsváry, T. Ferenci, K. Farkas
Budapest (HUNGARY)

P.30.04 MECHANISMS OF SODIUM GLUCOSE COTRANSPORTER 2 INHIBITORS IN THE MICROVASCULAR IMPROVEMENT IN CHRONIC HEART FAILURE

I. Walczak⁽¹⁾, M. Tarnawska⁽¹⁾, A. Parzuchowska⁽¹⁾, R. Knapczyk⁽¹⁾, F. Rolski⁽²⁾, K. Urbanowicz⁽¹⁾, M. Maczewski⁽²⁾, P. Leszek⁽²⁾, M. Hellmann⁽¹⁾, B. Kutryb-Zajac⁽¹⁾
⁽¹⁾Gdansk, ⁽²⁾Warsaw (POLAND)



MAY 30 – 17:45-19:00

P.30.05 DOES HYDROCHLOROTHIAZIDE-ASSOCIATED HYPONATREMIA IN HYPERTENSIVE INDIVIDUALS HAVE A GENETIC ORIGIN?

G. Ozkan, C. Çelik, H. Tozki, S. Asikovali, N. Bayrakci
Tekirdag (TURKEY)

P.30.06 MICRORNA BASED INFLAMMATORY AND VASCULAR SIGNATURES IN LONG COVID PATIENTS WITH HYPERTENSION

N. Agzamxodjayeva, M. Ruzibakieva, D. Abidova, R. Islamova
Tashkent (Uzbekistan)

P.30.07 SITTING TIME EXACERBATES THE EFFECT OF GENETIC LIABILITY FOR OBESITY ON HYPERTENSION

C. Hezekiah, D. Bailey⁽¹⁾, R. Pazoki^(1, 2)
⁽¹⁾*Uxbridge*, ⁽²⁾*London (UNITED KINGDOM)*

P.30.08 BEDTIME DOSING OF ANTIHYPERTENSIVE MEDICATIONS IMPROVES NOCTURNAL BLOOD PRESSURE: A META-ANALYSIS OF RANDOMIZED TRIALS

Z. Zhou, M. Li, F. Fan, W. Ma, J. Li, Y. Zhang
Beijing (CHINA)

P.30.09 LONGITUDINAL EPIGENOME-WIDE DNA METHYLATION AND GENE EXPRESSION SIGNATURES ASSOCIATED WITH INCIDENT CHRONIC KIDNEY DISEASE IN AN AFRICAN POPULATION

M.M. Mungamba^(1,2), A. Venema⁽¹⁾, M.K. Puroshothama⁽¹⁾, K.A.C. Meeks⁽³⁾, Felix.P. Chilunga⁽¹⁾, E.L. van der Linden⁽¹⁾, C.F. Hayfron-Benjamin^(1,4), C.R. Sewani-Rusike⁽²⁾, L. Vogt⁽¹⁾, B.-J. van den Born^(1,4), S.N. Darko⁽¹⁾, E. Owusu-Dabo⁽¹⁾, B.N. Nkeh-Chungag⁽²⁾, C. Agyemang^(1,3), P. Henneman⁽¹⁾
⁽¹⁾*Amsterdam (NETHERLANDS)*, ⁽²⁾*Mthatha (SOUTH AFRICA)*, ⁽³⁾*Baltimore (USA)*, ⁽⁴⁾*Kumasi (GHANA)*

P.30.10 BLOOD PRESSURE CONTROL UNMASKS THE CARDIOVASCULAR RISK ASSOCIATED WITH LIPOPROTEIN(A): INSIGHTS FROM THE GAELP(A) STUDY

N. Renna⁽¹⁾, M. Arrupe⁽¹⁾, J.B. Soumoulou⁽³⁾, S. Lynch⁽²⁾, F. Salazar⁽⁴⁾, E. Forte⁽⁵⁾, F. Salati⁽¹⁾, S. Gimenez⁽¹⁾, A. Lavallo Cobo⁽²⁾, G. Lavenia⁽⁶⁾, M.G. Matta⁽⁶⁾, L. Schreier⁽²⁾, P. Corral⁽⁴⁾
⁽¹⁾*Mendoza*, ⁽²⁾*Buenos Aires*,
⁽³⁾*Puerto MADryn*, ⁽⁴⁾*Mar del Plata*, ⁽⁵⁾*Chubut (ARGENTINA)*, ⁽⁶⁾*QLD (AUSTRALIA)*

P.30.11 APEX1 DEFICIENCY EXACERBATES SYSTEMIC INFLAMMATION AND TISSUE DAMAGE IN A LIPOPOLYSACCHARIDE-INDUCED MURINE MODEL

B.H. Jeon, C.-S. Kim, S. Kim, Y.R. Lee, H.K. Joo, K.Y. Lee, E. Choi
Daejeon (SOUTH KOREA)

P.30.12 PLASMA LEVELS OF NEUTROPHIL EXTRACELLULAR TRAPS DIFFER ACROSS CARDIOVASCULAR RISK CATEGORIES IN NEWLY DIAGNOSED HYPERTENSIVE PATIENTS.

A. Malliora⁽¹⁾, A. Lazaridis⁽¹⁾, A.-M. Natsi⁽²⁾, V. Papadopoulos⁽²⁾, C. Antoniadou⁽²⁾, E. Gavriilidis⁽²⁾, P. Skendros⁽²⁾, E. Gkaliagkousi⁽¹⁾
⁽¹⁾*Thessaloniki*, ⁽²⁾*Alexandroupolis (GREECE)*

P.30.13 THE ASSOCIATION OF CIRCULATING BONE MORPHOGENETIC PROTEIN 9 AND ARTERIAL STIFFNESS IN HYPERTENSIVE PATIENTS

S. Zhang
Beijing (CHINA)

P.30.14 FOS AND JUN REGULATE OXIDATIVE STRESS AND STEROIDOGENESIS IN HUMAN ALDOSTERONE-PRODUCING ADENOMAS

J. Wei⁽¹⁾, E. Duregon⁽²⁾, M. Papotti⁽²⁾, T. Knösel⁽¹⁾, M. Bidlingmaier⁽¹⁾, S. Sbiera⁽³⁾, M. Reincke⁽¹⁾, T. Williams⁽¹⁾
⁽¹⁾*Munich (GERMANY)*, ⁽²⁾*Turin (ITALY)*, ⁽³⁾*Würzburg (GERMANY)*



MAY 30 – 17:45-19:00

P.30.15 **PROGNOSTIC VALUE OF BIOCHEMICAL INFLAMMATORY MARKERS FOR EARLY FUNCTIONAL OUTCOMES IN ACUTE ISCHEMIC STROKE: STUDY FROM A SPECIALIZED STROKE UNIT**
F. Gonçalves^(1,2,3), L. Lo Cicero^(4,5), R. Barros^(1,3), I. Vila^(1,3),
A. Carvalho^(1,3), S. Freitas^(1,3), P. G. Cunha^(1,2,3)
⁽¹⁾Guimarães, ⁽²⁾Braga, ⁽³⁾Guimarães (PORTUGAL), ⁽⁴⁾Messina, ⁽⁵⁾Palermo (ITALY)

P.30.16 **EFFECTS OF EXERCISE TRAINING ON BLOOD PRESSURE, SKELETAL MUSCLE APELIN LEVELS, AND MUSCLE MASS IN SPONTANEOUSLY HYPERTENSIVE RATS**
D. Selvan, K. Skrypnik, D. Skrypnik, J. Suliburska
Poznan (POLAND)

TOTEM 13
E-POSTER SESSION - Pharmacotherapy II

Chairpersons: J. Blacher (Paris, FRANCE),
S. Chlopicki (Krakow, POLAND),
J. Spaak (Stockholm, SWEDEN)

P.31.01 **MITOCHONDRIA-TARGETING EXPRESSION OF NAD-DEPENDENT DEACETYLASE SIRTUIN 3 ATTENUATES INTRACELLULAR ANGIOTENSIN II-INDUCED MITOCHONDRIAL DYSFUNCTION IN PROXIMAL TUBULE CELLS**
J.L. Zhuo, X.C. Li
New Orleans (USA)

P.31.02 **THE ANGIOTENSIN II TYPE 1 RECEPTOR-BIASED AGONIST RESTORES VENTRICULAR HYPERTROPHY BY AFFECTING THE CONNEXIN 43 PATHWAY IN SPONTANEOUSLY HYPERTENSIVE RATS**
X. Fan⁽¹⁾, J. Ma⁽²⁾, J. Yu⁽³⁾
CHINA

P.31.03 **TIME TO RECONSIDER ANTI REMODELLING EFFECTS OF ANTIHYPERTENSIVE DRUGS BEYOND BLOOD PRESSURE CHANGES? INSIGHTS FROM THE AIM-HY ECHOCARDIOGRAPHY SUB-STUDY**
M. Rory⁽¹⁾, D. Collier⁽¹⁾, I. Wilkinson⁽²⁾, R. McNally⁽¹⁾, P. Chowienczyk⁽¹⁾,
L. Faconti⁽¹⁾
⁽¹⁾London, ⁽²⁾Cambridge (UNITED KINGDOM)

P.31.04 **APROCITENTAN, A NEW CHAPTER IN THE PHARMACOTHERAPY OF RESISTANT HYPERTENSION: A SYSTEMATIC REVIEW**
P. Tejaswi, M. MJ, S. Bezawada
Bangalore (INDIA)



MAY 30 – 17:45-19:00

- P.31.05 SHIP2, A NEGATIVE REGULATOR OF THE PI3-KINASE/AKT SIGNALING PATHWAY, PROMOTE ANGIOTENSIN II-INDUCED PODOCYTES INJURY**
T.S. Ha
Cheongju (SOUTH KOREA)
- P.31.06 COMPUTATIONAL NETWORK ANALYSIS EVIDENCE FOR A NOVEL ATHEROSCLEROSIS- ACE2- DYSBIOSIS TRIAD: A SYSTEM-LEVEL APPROACH TO UNDERSTAND PATHOLOGICAL FLOW AND DRUG REPURPOSING**
P. V. D.S. Arya, J. Bhatia
New Delhi (INDIA)
- P.31.07 CLINICAL IMPACT OF BETA-BLOCKERS AND RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITORS IN ACUTE MYOCARDIAL INFARCTION WITH LOW DIASTOLIC BLOOD PRESSURE**
J. kim, S. Oh, K.H. Cho⁽¹⁾, M.C. Kim⁽¹⁾, D.S. Sim⁽¹⁾, Y.J. Hong⁽¹⁾, J.H. Lee⁽²⁾, C.-H. Yoon⁽³⁾, W. Kim⁽⁴⁾, J.-Y. Hwang⁽⁵⁾, Y. Ahn⁽¹⁾, M.H. Jeong⁽¹⁾
⁽¹⁾Gwangju, ⁽²⁾Daegu, ⁽³⁾Seongnam, ⁽⁴⁾Seoul, ⁽⁵⁾Jinju (SOUTH KOREA)
- P.31.08 GUARDING THE INFLAMED HEART: MORIN MITIGATES IMMUNE-DRIVEN MYOCARDIAL INJURY IN EXPERIMENTAL AUTOIMMUNE MYOCARDITIS**
N. Kumaraguruparan, J. Bhatia, D. Arya
New Delhi (INDIA)
- P.31.09 DEVELOPMENT OF A CO-DELIVERY SYSTEM FOR AN ANGIOTENSIN II BLOCKER AND ANTIOXIDANT IN HYPERTENSION.**
P. Banerjee, K.K. Pradhan
Ranchi (INDIA)
- P.31.10 CARDIOVASCULAR DYSAUTONOMIA IN PARKINSON'S DISEASE: CONTRIBUTION OF THE ANTIDIURETIC HORMONE (ADH) AND APELIN SYSTEM TO WATER BALANCE AND BLOOD PRESSURE VARIABILITY**
A. Bongrani, A. Calvi, G. Obertini, G. Mossini, P. Coghi, I. Verzicco, A. Cabassi
Parma (ITALY)
- P.31.11 SAFETY OF BETA-BLOCKERS IN PATIENTS WITH CHRONIC LIVER DISEASE: A POPULATION-BASED COHORT STUDY**
C. Josuweit, P. Tassopoulou, A. Vivirito, P. Heinemann, C. Engelmann, A. Douros
Berlin (GERMANY)
- P.31.12 RETROSPECTIVE NATION-WIDE COHORT STUDY ON THE COMBINED PRESCRIPTION OF SIMVASTATIN AND AMLODIPINE AND ITS ADVERSE EFFECTS: AMLOSTATINA STUDY PROTOCOL**
J. Torras-Borrell⁽¹⁾, M. Benítez-Camps⁽²⁾, M. Cecilia-Salgueiro⁽³⁾, O. Rebagliato-Nadal⁽²⁾, J. Rosinach-Bonet⁽⁴⁾, M. Gibrat-Pineda⁽³⁾, M. Priego-Artero⁽²⁾
⁽¹⁾Terrassa, ⁽²⁾Barcelona, ⁽³⁾Palau Solità i Plegamans, ⁽⁴⁾Lleida, (SPAIN)
- P.31.13 EFFICACY OF TRIPLE BLOCKADE IN THE MANAGEMENT OF UNCONTROLLED HYPERTENSION - A COMPARISON BETWEEN DIFFERENT TREATMENT STRATEGIES AND THERAPEUTIC INERTIA**
I.-P. Rodean, V.B. Halatiu, C.G. Grigoroaea, T. Mihaila, I. Benedek, T. Benedek
Targu Mures (ROMANIA)



MAY 30 – 17:45-19:00

P.31.14 FIRST RESULTS FROM THE INDEPENDENT STUDY: IMPACT OF HOME BLOOD PRESSURE MEASUREMENT ON OFFICE BLOOD PRESSURE TARGETS WITH ANGIOTENSIN II RECEPTOR BLOCKER AND INDAPAMIDE COMBINATION

A. Januszewicz⁽¹⁾, I. Tomov Gruev⁽²⁾, D. Becker⁽³⁾, J. Cerkez Habek⁽⁴⁾,
M. Vavlukis⁽⁵⁾

⁽¹⁾Warsaw (POLAND), ⁽²⁾Sofia (BULGARIA), ⁽³⁾Budapest (HUNGARY),

⁽⁴⁾Zagreb (CROATIA), ⁽⁵⁾Skopje (REPUBLIC OF MACEDONIA – FYROM)

P.31.15 EFFECTS OF COLCHICINE ON ARTERIAL STIFFNESS IN PATIENTS WITH HYPERTENSION: THE COLCHICINE HYPERTENSION TRIAL (COHERENT)

A. Femerling Langhoff, N. Dyrby Johansen, K. Vu Bartholdy, J. Inge-MarieBorchsenius, F. Søskov Davidovski, L. Witten Davodian, M. Flarup Dons, L. Steen Duus, C. Espersen, M.C. Højbjerg Lassen, C. Ikast Ottosen, M. Sengeløv, K. Grundtvig Skaarup, D. Modin, N.E. Landler, M. Frimodt-Møller, T. Ken Schramm, A. Sajadieh, T. Biering-Sørensen, T. Jepps
Copenhagen (DENMARK)

TOTEM 14

E-POSTER SESSION - Real-World Evidence Research II

Chairpersons: M. Jankowska (Gdańsk, POLAND),
M. Stathouloupoulou (Athens, GREECE),
W. Spiering (Utrecht, THE NETHERLANDS)

P.32.01 CARDIOMETABOLIC COMPLICATIONS IN PATIENTS WITH PRIMARY HYPERALDOSTERONISM: A REAL-WORLD COHORT STUDY FROM A TERTIARY REFERRAL CENTER

I. Kecaj, E. Nelaj, I. Gjermeni, D. Godaj, I. Refatllari, K. Xhixhabesi
Tirana (ALBANIA)

P.32.02 REASSESSMENT OF HYPERTENSION STATUS 3 YEARS AFTER THE END OF A SUCCESSFUL 12 WEEK TREATMENT STUDY IN PRIMARY HEALTH CARE

J.M. Polonia, R. Pereira
Porto (PORTUGAL)

P.32.03 CLINICAL OUTCOMES OF NEBIVOLOL VERSUS CARVEDILOL IN STEMI PATIENTS AFTER SUCCESSFUL PCI WITH DRUG-ELUTING STENTS: KAMIR REGISTRY INSIGHTS

S.U. Lee⁽¹⁾, H.W. Kim⁽¹⁾, B.G. Choi⁽¹⁾, M.H. Jeong⁽¹⁾, S.-W. Rha⁽²⁾
⁽¹⁾Gwangju, ⁽²⁾Seoul (SOUTH KOREA)

P.32.04 FREQUENCY AND PREDICTIVE FACTORS OF WHITE-COAT HYPERTENSION IN GRADE 1 HYPERTENSIVE PATIENTS: RESULTS OF THE HUNGARIAN ABPM REGISTRY

D.T. Pásztor⁽¹⁾, J. Takács⁽¹⁾, V. Baracsi-Botos⁽¹⁾, Z. Kekk⁽²⁾, J. Nemcsik⁽¹⁾
N. Habony⁽¹⁾, D. Páll⁽³⁾, Á. Koller⁽¹⁾, Z. Járαι⁽¹⁾
⁽¹⁾Budapest, ⁽²⁾Gyor, ⁽³⁾Debrecen (HUNGARY)



MAY 30 – 17:45-19:00

**P.32.05 PRESERVED KIDNEY FUNCTION WITH PROPROTEIN
CONVERTASE SUBTILISIN/KEXIN TYPE 9 (PCSK9) INHIBITORS:
FIVE-YEAR REAL-WORLD DATA FROM HIGH-RISK PATIENTS**

C. Borghi, F. Fogacci, G. La Manna, A.F.G. Cicero
Bologna (ITALY)

**P.32.06 TRENDS IN FIXED-DOSE COMBINATION ANTIHYPERTENSIVES
USAGE AND FACTORS ASSOCIATED WITH THEIR UTILIZATION**

M. Selvek, B. Saal, R. Muzik, A. Vachulová
Bratislava (SLOVAK REPUBLIC)

**P.32.07 STANDING BLOOD PRESSURE AND ITS ASSOCIATION WITH
MAJOR ADVERSE CARDIOVASCULAR DISEASE AND ADVERSE
EVENTS (STANDD): AN INDIVIDUAL PARTICIPANT DATA META-
ANALYSIS**

A. Wang⁽¹⁾, S.T. McDonagh⁽²⁾, O.A. Owusu⁽²⁾, O. Skrobot⁽³⁾, N. Aveyard⁽²⁾,
N. Gould⁽¹⁾, F.C. Warren⁽²⁾, R.J. McManus⁽⁴⁾, R.A. Payne⁽²⁾, C.E. Clark⁽²⁾,
R. Johnson⁽³⁾, A. Benetos⁽⁵⁾, J. Masoli⁽²⁾, J.P. Sheppard⁽¹⁾
⁽¹⁾Oxford, ⁽²⁾Exeter, ⁽³⁾Bristol, ⁽⁴⁾Brighton (UNITED KINGDOM), ⁽⁵⁾Nancy
(FRANCE)

**P.32.08 SWITCHING TO BISOPROLOL/AMLODIPINE SPC IN
HYPERTENSION: A CHINESE REAL-WORLD STUDY**

R. Liu, W. Cheng
Beijing (CHINA)

**P.32.09 CLUSTER ANALYSIS OF ANTIHYPERTENSIVE TREATMENT
RESPONSE AFTER RENAL DENERVATION IN REAL-WORLD
CLINICAL PRACTICE**

A. Orekhov, L. Karazhanova, K. Tursynov
Semey (Kazakistan)

**P.32.10 IN-HOSPITAL BLOOD PRESSURE VARIABILITY AND SHORT-TERM
OUTCOME AFTER ISCHEMIC STROKE: REAL-WORLD DATA FROM
A SINGLE-CENTER STUDY**

F. Gonçalves^(1,2), L. Lo Cicero^(3,4), R. Barros, I. Vila, A. Carvalho,
S. Freitas, P. G. Cunha^(1,2)
⁽¹⁾Guimarães, ⁽²⁾Braga (PORTUGAL), ⁽³⁾Palermo (ITALY), ⁽⁴⁾Messina (ITALY)

**P.32.11 FOLLOW-UP OF ELEVATED BLOOD PRESSURE IN SWEDISH
PRIMARY CARE: AN ANALYSIS OF ELECTRONIC HEALTH
RECORDS FROM 111,986 PATIENTS**

M. Zhou, A. Norrman, B. Brynedal
Stockholm (SWEDEN)

**P.32.12 IMPACT OF CARDIOVASCULAR-KIDNEY-METABOLIC SYNDROME
IN KAZAKHSTAN: EVIDENCE FROM THE REAL-WORLD ICAREME
REGISTRY**

A. Sugraliyev, A. Issabekova, S. Zhanglova, A. Izhanova,
G. Aimakhanova, F. Rustamova, R. Ramazanova, A. Almukhanova,
G. Zhansarina, D. Akhmentayeva, O. Mashkunova, Z. Toktarova,
D. Kapsultanova, G. Dabylova, G. Nurgaliyeva, N. Symaiylova, M.
Tokbulatova, L. Tukaeva, A. Botabekova
Almaty (Kazakistan)

**P.32.13 PROGNOSTIC ROLE OF ARTERIAL HYPERTENSION AND HIGH
RESIDUAL PLATELET REACTIVITY IN POST-CABG PATIENTS WITH
RECURRENT ISCHEMIA**

S. Zhanglova⁽¹⁾, D. Kapsultanova⁽¹⁾, F. Nurmukhammad⁽²⁾, D. Polyakov⁽³⁾,
A. Sugraliyev⁽¹⁾, O. Sakhov⁽¹⁾, A. Rakisheva⁽¹⁾, R. Kuanyshebekova⁽¹⁾,
Z. Makasheva⁽¹⁾, B. Aubakirova⁽¹⁾, L. Abisheva⁽¹⁾, N. Apiyeva⁽¹⁾
⁽¹⁾Almaty, ⁽²⁾Turkestan, ⁽³⁾Nizhny Novgorod (Kazakistan)



MAY 30 – 17:45-19:00

P.32.14 A FIXED-DOSE TRIPLE-COMBINATION THERAPY FOR THE INITIAL STEPS OF HYPERTENSION TREATMENT: PROTOCOL FOR THE NEXT RANDOMIZED CLINICAL TRIAL

R.O. Oliveira⁽¹⁾, C.C. Sousa⁽¹⁾, S. Inuzuka⁽¹⁾, S.B. Rodrigues⁽¹⁾, A.D. Feitosa⁽²⁾, M.C. Santos⁽²⁾, R. Bezerra⁽²⁾, A.A. Brandão⁽³⁾, M.A. Mota-Gomes⁽⁴⁾, V.S. Guimaraes Neto⁽²⁾, E.E. Cestario⁽⁵⁾, E.C. Barbosa⁽⁶⁾, A.L. Sousa⁽¹⁾, W.K. Barroso⁽¹⁾
⁽¹⁾Goiania, ⁽²⁾Recife, ⁽³⁾Rio de Janeiro, ⁽⁴⁾Maceio, ⁽⁵⁾Votuporanfa, ⁽⁶⁾Porto Alegre (BRAZIL)

P.32.15 FIRST REAL-WORLD RESULTS FROM THE INDEPENDENT STUDY: BLOOD PRESSURE CONTROL WITH A NOVEL SINGLE-PILL OF ANGIOTENSIN II RECEPTOR BLOCKER AND INDAPAMIDE IN EUROPEAN CLINICAL PRACTICE

A. Januszewicz⁽¹⁾, I. Tomov Gruev⁽²⁾, D. Becker⁽³⁾, J. Cerkez Habek⁽⁴⁾, M. Vavlukis⁽⁵⁾
⁽¹⁾Warsaw (POLAND), ⁽²⁾Sofia (BULGARIA), ⁽³⁾Budapest (HUNGARY), ⁽⁴⁾Zagreb (CROATIA), ⁽⁵⁾Skopje (REPUBLIC OF MACEDONIA)

P.32.16 BLOOD LOWERING TREATMENT VALIDATION WITH A WEB-BASED TOOL MNIEJLEKOW.PL (LESS DRUGS) RESULTS IN A SUBSTANTIAL INCREASE IN SPC USE. A REAL WORLD EVIDENCE.

J. Wolf⁽¹⁾, S. Surma⁽²⁾, J. Bil⁽³⁾, A. Prejbisz⁽³⁾, A. Doroszko⁽⁴⁾, A. Szyndler⁽¹⁾, P. Dobrowolski⁽³⁾, R. Gil⁽³⁾, A. Kurylowicz⁽³⁾, G. Dzida⁽⁵⁾, L. Obrycki⁽³⁾, B. Begier-Krasinska⁽⁶⁾, W. Wojciechowska⁽⁷⁾, L. Stryczynski⁽⁶⁾, E. Zbroch⁽⁸⁾, A. Tykarski⁽³⁾, M. Litwin⁽³⁾, J. Lewandowski⁽³⁾
⁽¹⁾Gdansk, ⁽²⁾Katowice, ⁽³⁾Warszawa, ⁽⁴⁾Wroclaw, ⁽⁵⁾Lublin, ⁽⁶⁾Poznan, ⁽⁷⁾Krakow, ⁽⁸⁾Bialystok (POLAND)

TOTEM 15

E-POSTER SESSION - Resistant Hypertension

Chairpersons: M. Chrostowska (Gdansk, POLAND),
P.W. DE LEEUW (Maastricht, NETHERLANDS),
J. Filipovsky (Pilsen, CZECH REPUBLIC)

P.33.01 MODELLING THE IMPACT OF BAXDROSTAT VERSUS SPIRONOLACTONE IN PATIENTS WITH RESISTANT HYPERTENSION

P. Jhund⁽¹⁾, A. Sanchez-Vinas⁽²⁾, A. Bhatt⁽³⁾, S. Pasricha⁽⁴⁾, D. Booth⁽⁵⁾, O. Dickinson⁽⁵⁾, E. Laws⁽⁶⁾, J. Chen⁽⁷⁾
⁽¹⁾Glasgow (UNITED KINGDOM), ⁽²⁾Barcelona (SPAIN), ⁽³⁾San Francisco (USA), ⁽⁴⁾Toronto (CANADA), ⁽⁵⁾Cardiff, ⁽⁶⁾London (UNITED KINGDOM), ⁽⁷⁾Gaithersburg (USA)

P.33.02 TREATMENT PATTERNS AND BLOOD PRESSURE RESPONSE IN RESISTANT AND CONTROLLED HYPERTENSION IN ENGLAND

P.A. Swift, L. Faconti⁽¹⁾, E. Hubbuck⁽²⁾, B. Heywood⁽²⁾, K. Lohead⁽¹⁾, M. Habash⁽¹⁾, H. Gao⁽¹⁾, J.B. Mamza⁽¹⁾, T. McCormack⁽³⁾
⁽¹⁾London, ⁽²⁾Cardiff, ⁽³⁾Hull (UNITED KINGDOM)

P.33.03 ACROMEGALY AS CAUSE OF RESISTANT ARTERIAL HYPERTENSION (RAH): A CASE REPORT

A. Bezrodnyi, V. Bezrodnyi, Y. Rudenko, L. Bezrodna Kyiv (UKRAINE)

P.33.04 COMPARISON OF THE EFFICACY OF DIFFERENT TREATMENT REGIMENS FOR RESISTANT HYPERTENSION: A SYSTEM REVIEW AND NETWORK META-ANALYSIS

Y. Xiao, K. Liu Chengdu City, Sichuan Province (CHINA)



MAY 30 – 17:45-19:00

P.33.05 INCREASED HEALTHCARE RESOURCE UTILISATION AMONG UNCONTROLLED VERSUS CONTROLLED HYPERTENSION PATIENTS IN CHINA: THE ENLIGHTN STUDY

Y. Wang⁽¹⁾, X. He⁽²⁾, Y. Zhao⁽¹⁾, K.L. Chin⁽³⁾, E. Coto⁽⁴⁾, W. Zhao⁽⁵⁾, S. Li⁽⁵⁾, J. Cai⁽¹⁾

⁽¹⁾Beijing, ⁽²⁾Tianjin (CHINA), ⁽³⁾Gothenburg (SWEDEN), ⁽⁴⁾Gaithersburg (USA), ⁽⁵⁾Shanghai (CHINA)

P.33.06 RISK OF CARDIORENAL AND METABOLIC OUTCOMES IN PATIENTS WITH UNCONTROLLED HYPERTENSION IN CHINA: THE ENLIGHTN STUDY

Y. Wang⁽¹⁾, M. Liu⁽¹⁾, T. Norris⁽²⁾, E. Coto⁽³⁾, W. Zhao⁽⁴⁾, S. Li⁽⁴⁾, J. Cai⁽¹⁾

⁽¹⁾Beijing (CHINA), ⁽²⁾Gothenburg (SWEDEN), ⁽³⁾Gaithersburg (USA), ⁽⁴⁾Shanghai (CHINA)

P.33.07 FACTORS ASSOCIATED WITH RESISTANT HYPERTENSION IN BRAZIL: OBSERVATIONS FROM THE ICAREME MULTICENTER REGISTRY

L. Bortolotto⁽¹⁾, R. Bergo⁽²⁾, F. Dal Orto⁽²⁾, M. Gomes⁽¹⁾, L. Damiani⁽¹⁾,

R. Bastos⁽³⁾, C. Teixeira⁽¹⁾, C. Campos⁽¹⁾, R. Furtado⁽¹⁾, R. Lopes⁽⁴⁾

⁽¹⁾Sao Paulo, ⁽²⁾Distrito Federal, ⁽³⁾Goiania (BRAZIL), ⁽⁴⁾Durham (USA)

P.33.08 PRECISION MEDICINE IN HYPERTENSION: HILOBAND VS. HILOCUFF IN DAILY PRACTICE

S. Rubin, P. De Buyer, A. Pathak, X. Girerd

Paris (FRANCE)

P.33.09 IMPACT OF RENAL SYMPATHETIC DENERVATION ON RENAL FUNCTIONAL RESERVE IN HYPERTENSIVE PATIENTS - STUDY DESIGN AND 2-YEAR DATA.

A. Mavroudis, F. Tatakis, V. Mantziaris, K. Kyriakoulis, A. Vakka, K. Papadomarkaki, A. Sakalidis, D. Konstantinidis, K. Dimitriadis, D. Tsiachris, K. Tsioufis

Athens (GREECE)

P.33.10 RISK MARKERS OF CARDIOVASCULAR COMPLICATIONS AND DEATH IN PATIENTS WITH RESISTANT ARTERIAL HYPERTENSION (RAH)

L. Bezrodna, L. Mishchenko, O. Matova, V. Bezrodnyi, O. Kupchynska, O. Gulkevych, V. Radchenko, A. Logvynenko, G. Boghenko Kyiv (UKRAINE)

P.33.11 PREVALENCE AND CHARACTERISTICS OF RESISTANT HYPERTENSION IN CROATIA; EHUH-2 STUDY

L. Prgomet⁽¹⁾, M. Marinovic Glavic⁽²⁾, M. Bilobrk⁽²⁾, A. Vuksic⁽¹⁾, J. Nikic⁽¹⁾, M. Domislovic⁽¹⁾, A. Jelakovic⁽¹⁾, A. Belancic⁽²⁾, M. Kolaric⁽⁴⁾, L. Gellineo⁽¹⁾, T. Zeljkovic Vrkic⁽¹⁾, I. Golubic⁽⁵⁾, N. Bukal⁽⁶⁾, V. Prelevic⁽³⁾, D. Radunovic⁽³⁾, M. Zivko⁽¹⁾, J. Kos⁽¹⁾, M. Fucek⁽¹⁾, I. Pecin⁽¹⁾, B. Jelakovic⁽¹⁾

⁽¹⁾Zagreb, ⁽²⁾Rijeka (CROATIA), ⁽³⁾Podgorica (MONTENEGRO), ⁽⁴⁾Varazdin, ⁽⁵⁾Koprivnica, ⁽⁶⁾Slavonski Brod (CROATIA)

P.33.12 SILENT HORMONE, LOUD PRESSURE: AN ELUSIVE CASE OF AUTONOMOUS CORTISOL SECRETION

S.I. Ebeoglu, A.O. Ebeoglu, I. Aydin, E.B.O. Okcun

Istanbul (TURKEY)

P.33.13 CUFF-CALIBRATION STABILITY IN A CUFFLESS UPPER ARM DEVICE

C. Hove, T.M. Seeberg⁽²⁾, K.G. Bøtker-Rsmussen⁽²⁾, E. Westgaard⁽²⁾, S. Heimark, B. Waldum-Grevbo⁽¹⁾, A.C. Kjeldsen Larstorp⁽¹⁾

⁽¹⁾Oslo, ⁽²⁾Bærum (NORWAY)

P.33.14 COMMUNITY AWARENESS AND EARLY DETECTION OF HYPERTENSION AT CONSOLATA HOSPITAL IKONDA, TANZANIA: THE POLE POLE PREVENTION PROJECT IN RURAL TANZANIA

G. Milani⁽¹⁾, K.C. Kwanja⁽²⁾, A. Bosio⁽³⁾, E. Ambrosetti⁽²⁾, L.T. Ilomo⁽²⁾, S.A.L. Mlawa⁽²⁾, C. Agabiti Rosei⁽¹⁾, M.L. Muiesan⁽¹⁾

⁽¹⁾Brescia (ITALY), ⁽²⁾Ikonda (TANZANIA), ⁽³⁾Torino (ITALY)



MAY 30 – 17:45-19:00

TOTEM 16

E-POSTER SESSION - Risk Factors II

Chairpersons: P.M. Nilsson (Malmö, SWEDEN),
V. Ram (Irving, USA),
K. Skoczynski (Warsaw, POLAND)

P.34.01 COMPUTATIONAL FINE MAPPING OF GENE-BY-SODIUM INTERACTION LOCUS HIGHLIGHTS MEF2C-VEGF-A PATHWAY AS A CONTRIBUTOR TO SALT-MEDIATED BLOOD PRESSURE TRAITS
J. Murray, R. Marsman, J. Overneem, M. Boekholdt, R. Olde Engberrink, B. Ferwerda, L. Vogt
Amsterdam (NETHERLANDS)

P.34.02 ASSESSMENT OF THE RELATIONSHIP BETWEEN PROLACTIN VALUES AND LIPID PROFILE IN PATIENTS WITH GESTATIONAL HYPERTENSION
M. Sadulloeva, F. Zakirova, S. Ikramova
Tashkent (UZBEKISTAN)

P.34.03 CARDIOVASCULAR DISEASE PREVALENCE IN PATIENTS WITH AND WITHOUT CANCER: PRELIMINARY AGE-STRATIFIED RESULTS
J. Marín Moreno Palau, M. Roche García, M. Benítez Camps, O. Rebagliato Nadal, M.V. Zamora Sánchez, M. Mourelo Cereijo, R.M. Aragonès Forès, G. Cluet i Martinell, P. Herranz Santos, G. Pujante Fontanet, P. Romero López
Barcelona (SPAIN)

P.34.04 BLUNTED NOCTURNAL MELATONIN AS A DRIVER OF SALT-SENSITIVE HYPERTENSION IN ADULTS WITH METABOLIC SYNDROME
I. Andronikashvili, G. Simonia, A. Tavartkiladze, D. Labartkava, R. Khutsishvili
Tbilisi (GEORGIA)

P.34.05 DO ELDERLY PATIENTS WITH HYPERTENSION ADHERE TO MEDICAL RECOMMENDATIONS AND QUIT SMOKING? AN ANALYSIS BASED ON THE POLSENIOR2 STUDY.
N. Skórzewska⁽¹⁾, E. Zdrojewska⁽²⁾, K. Jagiello⁽¹⁾, A. Puch-Walczak⁽¹⁾
⁽¹⁾Gdansk, ⁽²⁾Poznan (POLAND)

P.34.06 GLOBAL BURDEN AND SOCIOECONOMIC INEQUALITIES OF HYPERTENSIVE HEART DISEASE AMONG WORKING AGE ADULTS FROM 1990 TO 2021
X. Dong, K. Yang, X. Meng, T. Tian, W. Ma, X. Zhou, A. Hu
Beijing (CHINA)

P.34.07 BEMPEDOIC ACID: A NEW MODULATOR OF BLOOD PRESSURE AND THE GLOBAL CARDIOVASCULAR RISK OF THE HYPERTENSIVE AND HYPER-CHOLESTEROLEMIC OUT-PATIENT?
A.M. Mazza⁽¹⁾, L.S. Schiavon⁽²⁾, A.D.P. Dalla Pozza⁽¹⁾, P.R. Rossi⁽¹⁾, M.Z. Zuin⁽³⁾
⁽¹⁾Vicenza, ⁽²⁾Adria (RO), ⁽³⁾Padova (ITALY)

P.34.08 PREVALENCE AND CLINICAL PROFILE OF OBSTRUCTIVE SLEEP APNEA IN A POPULATION OF YOUNG ADULTS
J.P. Silveira, I.A. De Resende, A. Tutungi Pereira de Abreu, A. Barbuda Hassan, V. Enne Magalhaes, C. Sieberer, N. Rocha de Faria, L. Pereira Della Libera, A.J. De Souza, C. da Silva Gomes Neve, N.K. da Silva Jeronimo, C. Correa da Silva Fernando, J.E. Chen, A. Wolkoff Lachter, M.H. Marinho Marques, P. Rudy Bayer Candal Farias, M.V. Feres Nascif, J.F. Assad Duarte, A.C. Fernandes, E. Silaid Muxfeldt
Rio de Janeiro (BRAZIL)

P.34.09 REGIONAL DIFFERENCES IN SODIUM AND POTASSIUM INTAKE AND THEIR ASSOCIATION WITH HYPERTENSION ACROSS URBAN, AGRICULTURAL, AND STOCK-RAISING POPULATIONS IN XINJIANG, CHINA
F. Pan, M. Heizhati
Urumqi (CHINA)



MAY 30 – 17:45-19:00

- P.34.10 HIGH ESTIMATED DIETARY SALT INTAKE IN THE CZECH REPUBLIC: A MULTICENTRE URINARY SODIUM ANALYSIS SUPPORTING THE NATIONAL CARDIOVASCULAR PLAN**
M. Beliancinova⁽¹⁾, Z. Ramik⁽¹⁾, E. Zvarova⁽¹⁾, M. Drapela⁽¹⁾, K. Dombrowska⁽¹⁾, P. Kusnierova⁽¹⁾, T. Salek⁽²⁾, J. Proskova⁽³⁾, J. Vaclavik⁽¹⁾
⁽¹⁾Ostrava-Poruba, ⁽²⁾Zlin ⁽³⁾Olomouc (CZECH REPUBLIC)
- P.34.11 ASSOCIATION OF COMBINED HYPERTENSION AND HIGH LIPID ACCUMULATION PRODUCT WITH THE RISK OF INCIDENT STROKE AMONG MONGOLIAN, CHINA**
A. Wang, T. Xu, Y. Zhang
Suzhou (CHINA)
- P.34.12 UTILIZATION OF ANTIHYPERTENSIVE AND LIPID-LOWERING THERAPIES IN CROATIA OVER TWO DECADES: INSIGHTS INTO PHARMACOLOGICAL CARDIOVASCULAR RISK MANAGEMENT**
A. Belancic⁽¹⁾, M. Kucan Stiglic⁽¹⁾, A. Jelakovic⁽²⁾, L. Prgomet⁽²⁾, I. Pecin⁽²⁾, Z. Reiner⁽²⁾, B. Jelakovic⁽²⁾, D. Vitezic⁽¹⁾
⁽¹⁾Rijeka, ⁽²⁾Zagreb (CROATIA)
- P.34.13 THE DIFFERENCES IN CKM RISK FACTORS BETWEEN PATIENTS WITH TYPE 1 AND TYPE 2 DIABETES AND POTENTIAL CHALLENGES TO THERAPY IN THESE GROUPS**
K. Ahmed, S. Naqvi, O. Ali, M. Ahmed
Abu Dhabi (UNITED ARAB EMIRATES)

TOTEM 17

E-POSTER SESSION - Vascular Biology II

Chairpersons: G. Lembo (Rome/Pozzilli, ITALY),
I. Sokolovic Tahtovic (Sarajevo, BOSNIA AND HERZEGOVINA),
P. Zelveian (Yerevan, ARMENIA)

- P.35.01 PLASMA ADRENOMEDULLIN IS INDEPENDENTLY ASSOCIATED WITH PULSE WAVE VELOCITY**
E. Dabrowska, M. Liskiewicz-Jankowska, A. Szyndler, M. Dzitkowska-Zabielska, B. Graff, M. Jopek(1,3), M. Hellmann, J. Wolf, K. Narkiewicz
Gdansk (POLAND)
- P.35.02 SEVEN-YEAR FOLLOW-UP OF RETINAL MICROCIRCULATION IN A POPULATION-BASED SAMPLE. CZECH POST-MONICA STUDY**
R. Cifkova⁽¹⁾, J. Harazny^(2,3), A. Bosch⁽²⁾, A. Hrubes Krajcoviechova⁽¹⁾, V. Lanska⁽¹⁾, J. Filipovsky⁽⁴⁾, O. Mayer Jr.⁽⁴⁾, R. Schmieder⁽²⁾
⁽¹⁾Prague (CZECH REPUBLIC), ⁽²⁾Erlangen (GERMANY), ⁽³⁾Olsztyn (POLAND), ⁽⁴⁾Pilsen (CZECH REPUBLIC)
- P.35.03 WAR-DRIVEN SHIFTS IN THE EPIDEMIOLOGY OF ARTERIAL HYPERTENSION IN UKRAINE: CHANGING PATIENT PROFILES AND RISK PATTERNS**
I. Okipniak, O. Mykytyuk, T. Ilashchuk
Chernivtsi (UKRAINE)
- P.35.04 CORRELATION BETWEEN THE SCREENING SERUM N-TERMINAL PRO B-TYPE NATRIURETIC PEPTIDE CONCENTRATION AND ARTERIAL STIFFNESS PARAMETERS IN PATIENTS WITH AND WITHOUT ARTERIAL HYPERTENSION**
G. Jakubiak⁽¹⁾, A. Chwalba⁽¹⁾, B. Maksym⁽¹⁾, N. Pawlas⁽¹⁾, G. Cieslar⁽²⁾
⁽¹⁾Zabrze, ⁽²⁾Bytom (POLAND)



MAY 30 – 17:45-19:00

- P.35.05 BLOOD PRESSURE DECREASE FOUR WEEKS AFTER INTERVENTIONAL TREATMENT OF AORTIC RECOARCTATION IS ASSOCIATED WITH IMPROVED VASCULAR REMODELING**
S. Bleck⁽¹⁾, D. Kannenkeril⁽¹⁾, J.M. Harazny^(1,2), K. Striepe⁽¹⁾, M. Schiffer⁽¹⁾, R.E. Schmieder⁽¹⁾, S. Dittrich⁽¹⁾, A. Bosch⁽¹⁾
⁽¹⁾Erlangen (GERMANY), ⁽²⁾Warmia (POLAND)
- P.35.06 N-ACETYLSEROTONIN-TO-SEROTONIN RATIO AND THE RISK OF ATHEROSCLEROTIC CARDIOVASCULAR DISEASE: THE MEDIATING ROLE OF SPECIALIZED PRO-RESOLVING MEDIATORS**
C. Dong, C. Xu, X. Hu, Q. Li, A. Wang, T. Xu, Y. Zhang
Suzhou (CHINA)
- P.35.07 ADVANCING URBAN-RURAL EQUITY IN HYPERTENSION CARE CASCADES TO REDUCE CARDIOVASCULAR DISEASE BURDEN IN CHINA: A MICROSIMULATION STUDY**
X. Cao
Beijing (CHINA)
- P.35.08 ASSOCIATION BETWEEN TELOMERE LENGTH AND ARTERIAL STIFFNESS**
K. Novikov, A. Bragina, N. Druzhinina, L. Vasilyeva, A. Kudravceva, E. Zakharyan, E. Bakaneva, S. Yassin, V. Podzolkov
Moscow (RUSSIA)
- P.35.09 INCREASED AORTIC STIFFNESS WITH PRESERVED CAROTID PROPERTIES IN VASCULAR EHLERS-DANLOS SYNDROME IN THE CONTEMPORARY ERA OF CELIPROLOL THERAPY.**
G. Buso, A. Paini, C. Agabiti-Rosei, F. Cherubini, E.M. Fusco, F. Bertacchini, C. Aggiusti, D. Stassaldi, C. De Ciuceis, M. Salvetti, M.L. Muiesan
Brescia (ITALY)
- P.35.10 HEALTH INEQUITIES AND HIGHER GLOBAL CARDIOVASCULAR RISK IN CROATIAN RURAL COMMUNITIES: EHUH 2 STUDY**
K. Marcic⁽¹⁾, K. Grgoric⁽¹⁾, L. Bilajac⁽²⁾, M. Marinovic Glavic⁽²⁾, I. Cepanec⁽¹⁾, B. Mandaric⁽¹⁾, M. Bilobrk⁽²⁾, M. Boljesic Dumancic⁽³⁾, I. Pecin⁽¹⁾, A. Belancic⁽²⁾, J. Josipovic⁽¹⁾, J. Kos⁽¹⁾, A. Jelakovic^(2,1), M. Domislovic⁽¹⁾, V. Prelevic⁽⁴⁾, D. Radunovic⁽⁴⁾, T. Zeljkovic Vrkic⁽¹⁾, P. Susnjara⁽³⁾, M. Fucek⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾Zagreb, ⁽²⁾Rijeka, ⁽³⁾Osijek (CROATIA), ⁽⁴⁾Podgorica (MONTENEGRO)
- P.35.11 ENDOTHELIAL DYSFUNCTION AND MITOCHONDRIAL IMPAIRMENT IN HEREDITARY THORACIC AORTIC DISEASE**
R. Knapczyk, M. Tarnawska, L. Wozniak-Mielczarek, A. Parzuchowska, I. Walczak, A. Braczko, A. Skoniecka, R. Pawlaczyk, M. Brzezinski, K. Sledzinska, R. Sabiniewicz, M. Hellmann, B. Kutryb-Zajac
Gdansk (POLAND)
- P.35.12 ASSESSMENT OF ARTERIAL STIFFNESS IN A CARDIOLOGY OUTPATIENT CLINIC OF A TEACHING CLINICAL CENTER**
S. Paffer, M. Paffer, P. Paffer, J. Liberal, L. Amorim, T. Paffer
Recife (BRAZIL)
- P.35.13 ASSESMENT OF VASCULAR RISK IN SYSTEMIC LUPUS ERYTHEMATOSUS PATIENTS**
S. Freitas⁽¹⁾, J. Cotter⁽¹⁾, N. Sousa⁽²⁾, J. Cotter⁽¹⁾, P. Cunha⁽¹⁾, I. Vila⁽¹⁾
⁽¹⁾Guimarães (PORTUGAL), ⁽²⁾São Paulo (BRAZIL)



MAY 30 – 17:45-19:00

TOTEM 18

E-POSTER SESSION - Women

Chairpersons: D. Pall (Debrecen, HUNGARY),
T. Socrates (Basel, SWITZERLAND),
K. Verdonk (Rotterdam, NETHERLANDS)

P.36.01 COMBINED ANTIHYPERTENSIVE DRUG THERAPY IN PREGNANT WOMEN WITH UNCONTROLLED GESTATIONAL ARTERIAL HYPERTENSION

M. Sadulloeva, F. Zakirova
Tashkent (UZBEKISTAN)

P.36.02 RELATIONSHIP BETWEEN CHANGES IN CARDIAC STRUCTURE AND FUNCTION IN PREGNANT WOMEN WITH GESTATIONAL HYPERTENSION AND THE DEVELOPMENT OF PREECLAMPSIA

Z. Li, J. Gao, S. Chen, Y. Zhao
Beijing (CHINA)

P.36.03 ASSOCIATION OF INTENSIVE DIASTOLIC BLOOD PRESSURE LOWERING WITH ADVERSE NEONATAL OUTCOME IN PATIENTS WITH HYPERTENSIVE DISORDERS OF PREGNANCY

C. Wang
Beijing (CHINA)

P.36.04 POLYAMINE-BASED THERAPEUTIC STRATEGY FOR HYPERTENSIVE PREGNANCY: SPERMIDINE REVERSES PLACENTAL VASCULAR AND ENDOTHELIAL DYSFUNCTION IN PREECLAMPSIA

C. Anna Joy, R. Adela
Guwahati (INDIA)

P.36.05 PREVALENCE AND CONTROL OF HYPERTENSION IN UKRAINIAN WOMEN REFUGEES STAYING IN POLAND

A. Shalimova⁽¹⁾, M. Stoenoiu⁽²⁾, W. Cubala⁽¹⁾, A. Persu⁽²⁾, M. Burnier⁽³⁾,
K. Narkiewicz⁽¹⁾

⁽¹⁾Gdansk (POLAND), ⁽²⁾Brussels (BELGIUM), ⁽³⁾Lausanne (SWITZERLAND)

P.36.06 GROWTH DIFFERENTIATION FACTOR-15 IS ASSOCIATED WITH SOLUBLE PRORENIN RECEPTOR IN YOUNG WOMEN WITH INCREASED ADIPOSITY

L. Gafane-Mateman, V. Maugana, P. Mokgonyana, C. Mels, A. Uys
Potchefstroom (SOUTH AFRICA)

P.36.07 GENDER DIFFERENCES IN LIPID STATUS AND NEW CARDIOVASCULAR RISK BIOMARKERS IN MENOPAUSAL WOMEN AND MEN OF THE SAME AGE. EHUH 2 STUDY

M. Bilobrk⁽¹⁾, L. Bilajac⁽¹⁾, I. Pecin⁽²⁾, M. Marinovic Glavic⁽¹⁾, A. Belancic⁽¹⁾,
J. Josipovic⁽²⁾, I. Capanec⁽²⁾, B. Mandaric⁽²⁾, J. Kos⁽²⁾, A. Jelakovic^(1,2),
M. Domislovic⁽²⁾, V. Prelevic⁽³⁾, D. Radunovic⁽³⁾, T. Zeljkovic Vrkic⁽²⁾,
P. Susnjara⁽⁴⁾, M. Boljesic Dumancic⁽⁴⁾, M. Fucek⁽²⁾, Z. Reiner⁽²⁾, B.
Jelakovic⁽²⁾

⁽¹⁾Rijeka, ⁽²⁾Zagreb (CROATIA), ⁽³⁾Podgorica (MONTENEGRO), ⁽⁴⁾Osijek (CROATIA)

P.36.08 PREDICTORS OF GESTATIONAL HYPERTENSION IN WOMEN WITH POLYCYSTIC OVARY SYNDROME

A. Stevanovic, S. Smiljic Sapic^(1,2), M. Dekleva^(1,3), N. Ilic Pasquali
⁽¹⁾Belgrade, ⁽²⁾Kosovska Mitrovica, ⁽³⁾Belgrade (SERBIA)

P.36.09 HYPERTENSION-DRIVEN HEART FAILURE WITH PRESERVED EJECTION FRACTION IN WOMEN: SEX-SPECIFIC CARDIAC REMODELING AND CLINICAL OUTCOMES

M.-S. Shin, J. Lee, A.Y. Jang
Incheon (SOUTH KOREA)



MAY 30 – 17:45-19:00

P.36.10 TESTOSTERONE PROMOTES CARDIAC HYPERTROPHY IN POSTMENOPAUSAL HYPERTENSION VIA AKT/FOXO1/MUL1-MEDIATED MITOCHONDRIAL FISSION

Q. Su, M. Wang, J. Yu
Lanzhou (CHINA)

P.36.15 EVALUATION OF THROMBOMODULIN IN PREDICTING THROMBOTIC COMPLICATIONS IN EARLY REPRODUCTIVE PREGNANCY LOSSES

D. Taizhanova
Karaganda (KAZAKHSTAN)

P.36.11 AGE RELATED DIFFERENCES IN CARDIO-KIDNEY-METABOLIC RISK BURDEN, DIETARY HABITS AND HEALTH LITERACY IN ELDERLY WOMEN

L. Bilajac⁽¹⁾, A. Belancic⁽¹⁾, M. Marinovic Glavic⁽¹⁾, M. Bilobrk⁽¹⁾, V. Vasiljev⁽¹⁾, T. Rukavina⁽¹⁾, A. Jelakovic^(2,1), Z. Trobonjaca⁽¹⁾, I. Stimac⁽¹⁾, K. Zulle⁽¹⁾, D. Juraga⁽¹⁾, B. Jelakovic⁽²⁾
⁽¹⁾Rijeka, ⁽²⁾Zagreb (CROATIA)

P.36.12 QUALITY CONTROL OF THE “2025 ESC GUIDELINES FOR THE MANAGEMENT OF CARDIOVASCULAR DISEASE AND PREGNANCY”

A. Koller, J. Takács
Budapest (HUNGARY)

P.36.13 ESTROGEN DEFICIENCY INCREASES BLOOD PRESSURE IN A RAT MODEL OF METABOLIC SYNDROME DURING PERIMENOPAUSE

R. Maranon⁽¹⁾, R. Toledo^(1,2), D. Martínez^(1,2), A. De Piero⁽²⁾, F. Peñaloza⁽²⁾, G. Viñuales⁽²⁾, L. López Fernández⁽²⁾
⁽¹⁾Padova (ITALY), ⁽²⁾San Miguel de Tucumán (ARGENTINA)

P.36.14 EFFECT OF CHOLECALCIFEROL ON ENDOTHELIAL FUNCTION IN WOMEN WITH ARTERIAL HYPERTENSION

L. Kezhun
Grodno (BELARUS)