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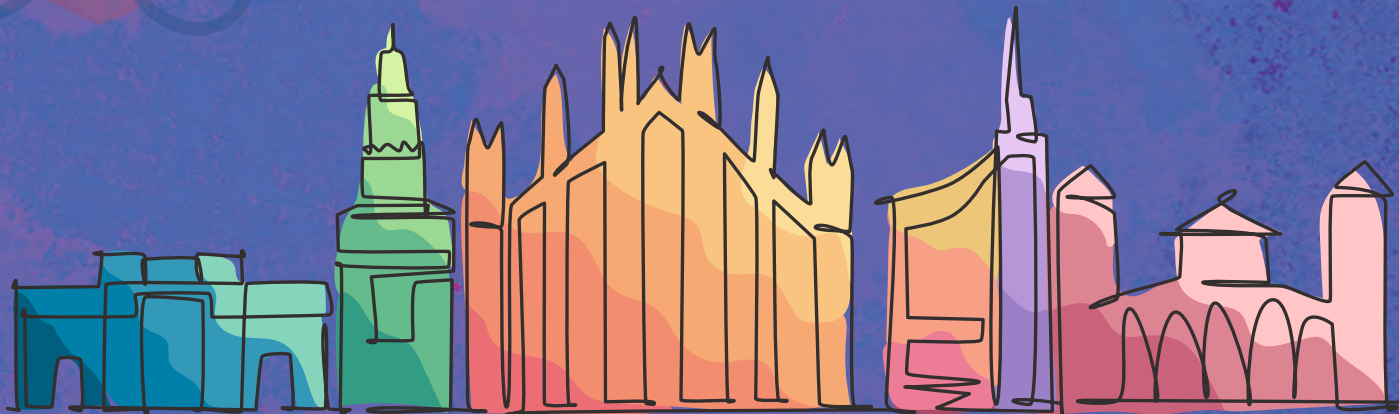
34th EUROPEAN MEETING

on Hypertension
and Cardiovascular
Protection



E-POSTERS

MAY 23-26, 2025 – MILAN
Allianz MiCo – North Wing (Level 2),
New Pavilion
Viale Scarampo – Gate 6
Milan, Italy





MODERATED E-POSTER SESSION 01 - TOTEM I RISK FACTORS I

Chairs: D. Lovic (Niš, SERBIA), P. Légrády (Szeged, HUNGARY)

EP.01.01 ANALYSIS OF VENTRICULAR REPOLARIZATION IN HYPERTENSIVE PATIENTS: INFLUENCE OF NOCTURNAL BLOOD PRESSURE DIPPING

M.A. Goulart, D.A. Moreira, F.H. Cesena, A.G. Laurinavicius, Y. Cavini, J. Souza, F.M. Colombo, M. Souza
São Paulo (BRAZIL)

EP.01.02 ARE RISK FACTORS TARGETS ACHIEVED AMONG PATIENTS WITH HIGH OR VERY HIGH CARDIOVASCULAR RISK IN SPAIN? PRELIMINARY RESULTS OF THE OBJETIVO EN EL PUNTO DE MIRA (OPM) STUDY

J. Abellán-Alemán ⁽¹⁾, J. Nieto ⁽²⁾, P. Segura ⁽³⁾, P. Sánchez-Rubio ⁽⁴⁾, D. Escribano ⁽¹⁾, F. García-Romanos ⁽⁵⁾, R. Crespo ⁽⁶⁾, F. Fuentes ⁽⁷⁾, P. González-Bustos ⁽⁸⁾, L. Castilla ⁽²⁾, B. Rincón ⁽⁹⁾, J. Iturralde ⁽²⁾, A. Díaz-Vera ⁽¹⁾, J. Palomo ⁽¹⁾, M.D. Martínez-Esteban ⁽²⁾, M. Sánchez-Macarro ⁽¹⁾, G. Antón ⁽¹⁰⁾, O.b.o.t. OPM investigators ⁽¹⁾, A. Societies of HTN and VR ⁽²⁾
⁽¹⁾ Murcia, ⁽²⁾ Ciudad Real, ⁽³⁾ Jaén, ⁽⁴⁾ Huesca, ⁽⁵⁾ Palma de Mallorca, ⁽⁶⁾ Logroño, ⁽⁷⁾ Córdoba, ⁽⁸⁾ Granada, ⁽⁹⁾ Cuenca, ⁽¹⁰⁾ Las Palmas de Gran Canaria (SPAIN)

EP.01.03 ASSESSMENT AND MANAGEMENT OF PATIENTS WITH HYPERTENSION AND TYPE 2 DIABETES MELLITUS: A RETROSPECTIVE STUDY

A.H. Naddaf Duarte, P. Lima, B. Castanehira, E. Pirtac, F. Delerue
Almada (PORTUGAL)

EP.01.04 ASSOCIATION BETWEEN CAROTID INTIMA-MEDIA THICKNESS AND NOVEL LIPID PARAMETERS IN HYPERTENSIVE PATIENTS

M. Morelli, C. Tognola, M. Alloni, V. Bellantonio, M. Le Van, A. Tacchetto, M. Bellomare, E. Gualini, A. Luongo, G. Brioschi, F. Brucato, C. Giannattasio, A. Maloberti
Milan (ITALY)

EP.01.05 ASSOCIATION BETWEEN CAROTID INTIMA-MEDIA THICKNESS, ATHEROSCLEROTIC PLAQUE, AND REDUCED RETINAL ARTERIOVENOUS RATIO IN HYPERTENSIVE PATIENTS

M. Sicilia ⁽¹⁾, S. Carugo ⁽¹⁾, E. Mazza ⁽¹⁾, N. Soraruff ⁽¹⁾, M. Rossi ⁽²⁾, R. Meazza ⁽¹⁾
⁽¹⁾ Milan, ⁽²⁾ Piacenza (ITALY)

EP.01.06 ASSOCIATION BETWEEN CONTROL OF CARDIOVASCULAR RISK FACTORS AND CARDIOVASCULAR DISEASES IN PATIENTS WITH CONTROLLED EARLY-ONSET HYPERTENSION

C. Wang ⁽¹⁾, S. Wu ⁽²⁾, H. Xue ⁽¹⁾
⁽¹⁾ Beijing, ⁽²⁾ Tangshan (CHINA)

EP.01.07 ASSOCIATION BETWEEN HYPERTENSIVE RESPONSE TO EXERCISE AND CAROTID ARTERY HEMODYNAMICS IN PATIENTS WITHOUT CAROTID PLAQUES

H. Chung
Seoul (SOUTH KOREA)

EP.01.08 ASSOCIATION OF THE NEWLY PROPOSED DIETARY INDEX FOR GUT MICROBIOTA AND HYPERTENSION: THE MEDIATION EFFECT OF BODY MASS INDEX

Y. Zhang, B. Zheng, Y. Gong
Beijing (CHINA)



EP.01.09 BLOOD PRESSURE PROFILE OF TYPE 2 DIABETIC PATIENTS WITH CARDIAC AUTONOMIC NEUROPATHY IN A YAOUNDÉ REFERRAL HOSPITAL

L. Kuete Mfeukeu, A. Tchouanlong, S.L. Ndongo Amougou, M. Dehayem, V. Ndobu, A. Owona, M. Ebene, P. Mintom, J. Boombhi
Yaoundé (CAMEROON)

EP.01.10 CARDIOVASCULAR RISK FACTORS PROFILE IN HYPERTENSIVE PATIENTS TREATING WITH DUAL COMBINATIONS

O. Matova, L. Mishchenko
Kyiv (UKRAINE)

EP.01.11 CARDIOVASCULAR RISK IN HYPERTENSION

J. Calvet Giralt, C. Benítez, C. Fernández, M. Camafort Babkowski
Barcelona (SPAIN)

EP.01.12 CHANGES IN LIPID METABOLISM INDICATORS IN PATIENTS WITH ESSENTIAL HYPERTENSION II AND III STAGES

A. Ivankova, N. Kuzminova, V. Romanova, M. Nazarova, E. Ivanova
Vinnytsya (UKRAINE)

EP.01.13 RISK OF DEVELOPING HYPERTENSION IN ADULTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS

U. Ceglowska, M. Burzynska ^(2,3), P. Jankowski ^(1,3)
⁽¹⁾ Warsaw, ⁽²⁾ Lodz, ⁽³⁾ Warsaw (POLAND)

MODERATED E-POSTER SESSION 02 - TOTEM 2

RISK FACTORS 2

Chairs: D. Konstantinidis (GREECE), F. Muggli (Vezia, SWITZERLAND)

EP.02.01 CHARACTERISTICS OF THE PARTICIPANTS WITH INCREASED NT-proBNP, EHUH 2 STUDY

I. Cepanec, M. Stupin ^(2,1), A. Belancic ^(1,3), A. Trobonjaca ^(1,4), M. Lovric Bencic ⁽¹⁾, B. Pezo ⁽¹⁾, I. Bitunjac ^(1,5), M. Marinovic Glavic ^(1,3), D. Lovric ⁽¹⁾, D. Fabijanic ^(1,6), B. Mandaric ⁽¹⁾, B. Kokic ⁽¹⁾, M. Alagic ⁽¹⁾, A. Madunic ⁽¹⁾, P. Horvat ⁽¹⁾, S. Sliskovic ⁽¹⁾, I. Stimac ^(1,2), L. Prgomet ⁽¹⁾, I. Pecin ⁽¹⁾, B. Jelakovic ⁽¹⁾
⁽¹⁾ Zagreb, ⁽²⁾ Osijek, ⁽³⁾ Rijeka, ⁽⁴⁾ Opatija, ⁽⁵⁾ Slavonski Brod, ⁽⁶⁾ Split (CROATIA)

EP.02.02 CIRCULATING MITOCHONDRIAL DNA SIGNATURE IN CARDIOMETABOLIC PATIENTS

A. Mengozzi, S. Armenia, N. De Biase, L. Del Punta, F. Cappelli, E. Duranti, V. Nannipieri, R. Remollino, D. Tricò, A. Viridis, S. Taddei, N.R. Pugliese, S. Masi
Pisa (ITALY)

EP.02.03 COMPARISON OF SCORE, SCORE2 AND FRAMINGHAM RISK SCORE BASED METHODS FOR VASCULAR AGE CALCULATION

H. Gyöngyösi ⁽¹⁾, B. Körösi ⁽¹⁾, D. Batta ⁽¹⁾, Z. Nemcsik-Bencze ⁽¹⁾, A. László ⁽²⁾, A. Tislér ⁽¹⁾, O. Cseppekál ⁽¹⁾, P. Torzsa ⁽¹⁾, D. Eörsi ⁽¹⁾, J. Nemcsik ⁽¹⁾
⁽¹⁾ Budapest (HUNGARY), ⁽²⁾ Nuremberg (GERMANY)

EP.02.04 CORRELATION OF LPA LEVELS WITH PROTHROMBOTIC FACTORS

A. Karamanou, M. Papavasileiou, G. Moustakas, D. Aravantinos
Athens (GREECE)



EP.02.05 EVALUATION OF DIAGNOSTIC ACCURACY OF EXTREME CARDIOVASCULAR RISK DEFINITIONS IN ACUTE CORONARY SYNDROME PATIENTS

A. Maloberti ⁽¹⁾, C. Tognola ⁽¹⁾, P. Rebora ^(1,2), A. Andreano ⁽¹⁾, G. Brioschi ⁽¹⁾, M. Campana ⁽¹⁾, M.G. Valsecchi ⁽¹⁾, G. Viola ⁽¹⁾, A. Sacco ⁽¹⁾, A. Russo ⁽¹⁾, F. Oliva ⁽¹⁾, C. Giannattasio ⁽¹⁾
⁽¹⁾ Milan, ⁽²⁾ Monza (ITALY)

EP.02.06 HEART RATE DIPPING AS AN INDEPENDANT RESIDUAL CARDIOVASCULAR RISK FACTOR IN CONTROLLED HYPERTENSIVE PATIENTS

T. Aguiar, S. Carvalho, I. Cruz, C. Costa, A. Pacheco, I. Pinheiro, J. Bastos
Aveiro (Portugal)

EP.02.07 HIGH BLOOD PRESSURE IS ASSOCIATED WITH AN INCREASED CARDIOVASCULAR RISK EXPRESSED BY ELEVATED LIPOPROTEIN A LEVELS.

I.-P. Rodean, I. Benedek, V.-B. Halatiu, E. Blindu, T. Mihaila, T.-M. Popa, C. Tolescu, D. Leiner, T. Benedek
Târgu Mureş (ROMANIA)

EP.02.08 HYPERTENSION IS ASSOCIATED WITH NEW MARKERS OF INSULIN RESISTANCE

J. Rodrigues Roma Uyemura ⁽¹⁾, L. Neves Cosenso Martin ⁽¹⁾, J.C. Yugar-Toledo ⁽¹⁾, T. de Azevedo Rubio ⁽²⁾, M.I. Paz Landin ⁽¹⁾, L.A. Barufi Fernandes ⁽¹⁾, M.A. Vieira da Silva ⁽¹⁾, V.d.S. da Silva Lopes ⁽¹⁾, M.J. Humsi ⁽¹⁾, J.F. Vilela-Martin ⁽¹⁾
⁽¹⁾ São José do Rio Preto, ⁽²⁾ Campinas (BRASIL)

EP.02.09 IMPACT OF RISK FACTOR QUANTITY ON CARDIOVASCULAR EVENTS IN HYPERTENSIVE PATIENTS: EVIDENCE FROM THE ISFAHAN COHORT STUDY

E. Sabouri ⁽¹⁾, H. Roohafza ⁽¹⁾, M. Sadeghi ⁽¹⁾, R. Shokrani Foroushani ⁽¹⁾, M. Talaei ⁽²⁾, N. Sarrafzadegan ⁽¹⁾, S. Oveisgharan ⁽³⁾, F. Rajaei ⁽¹⁾
⁽¹⁾ Isfahan (IRAN, ISLAMIC REP), ⁽²⁾ London (UNITED KINGDOM), ⁽³⁾ Chicago, IL (USA)

EP.02.10 IMPROVEMENT IN THE CONTROL OF RISK FACTORS ACHIEVED AFTER A SHORT INTERVENTION IN PATIENTS WITH HIGH OR VERY-HIGH CARDIOVASCULAR RISK. EN EL PUNTO DE MIRA STUDY

J. Abellán-Alemán ⁽¹⁾, J. Nieto ⁽²⁾, P. Segura ⁽³⁾, P. Sánchez-Rubio ⁽⁴⁾, D. Escribano ⁽⁴⁾, F. García-Romanos ⁽⁵⁾, R. Crespo ⁽⁶⁾, F. Fuentes ⁽³⁾, P. González-Bustos ⁽³⁾, L. Castilla ⁽³⁾, B. Rincón ⁽²⁾, J. Iturralde ⁽⁷⁾, A. Dáz-Vera ⁽⁸⁾, J. Palomo ⁽⁹⁾, M.D. Martínez-Esteban ⁽³⁾, M. Sánchez-Macarro ⁽¹⁾, G. Antón ⁽¹⁰⁾, O.b.o.t. OPM investigators ⁽¹⁾, A. Societies of HTN and VR ⁽²⁾
⁽¹⁾ Murcia, ⁽²⁾ Ciudad Real, ⁽³⁾ Jaén, ⁽⁴⁾ Huesca, ⁽⁵⁾ Palma de Mallorca, ⁽⁶⁾ Logroño, ⁽⁷⁾ Vitoria, ⁽⁸⁾ Pamplona, ⁽⁹⁾ Salamanca, ⁽¹⁰⁾ Las Palmas (SPAIN)

EP.02.11 INTEGRATING CARDIOVASCULAR, KIDNEY, AND METABOLIC RISK FACTORS FOR MORTALITY PREDICTION IN PATIENTS WITH ELEVATED BLOOD PRESSURE AND HYPERTENSION: EVIDENCE FROM NHANES 1999-2008

H. Xie, B. Zheng, Y. Zhang, Y. Gong
Beijing (CHINA)



MODERATED E-POSTER SESSION 03 - TOTEM 3

BP MEASUREMENT/MONITORING I

Chairs: A. Kollias (Athens, GREECE), F. Saladini (Padua, ITALY)

EP.03.01 A COMPARATIVE STUDY OF AUTOMATED OSCILLOMETRIC AND HYBRID MANUAL AUSCULTATORY DEVICE FOR CHILDREN IN THE KOREA NATIONAL HEALTH SURVEY

S. Kim⁽¹⁾, Y.-M. Kim⁽²⁾, E.M. Lee⁽³⁾

⁽¹⁾ Seongnam, ⁽²⁾ Seoul, ⁽³⁾ Gunpo (SOUTH KOREA)

EP.03.02 A SINGLE CASUAL BLOOD PRESSURE MEASUREMENT IN PRIMARY CARE CAN OPTIMIZE SCREENING FOR HYPERTENSION AND CONTROL

N. Evangelidis, E. Smyrnakis, V. Gkolias, M. Gavana, S. Ouzouni, I. Theodoropoulos, D. Symintiridou, M. Andreou, X. Kourtezidi, S. Lamprou, A. Kontou, E. Salomidou, M. Dragasaki, A. Savvaidou, P. Evangelidis, A.-B. Haidich, A. Kollias, G. Stergiou, M. Doumas, A. Triantafyllou Thessaloniki (GREECE)

EP.03.03 ACCURACY OF OFFICE BLOOD PRESSURE MEASUREMENT UNDER IDEAL AND NON-IDEAL MEASUREMENT CONDITIONS: A RANDOMIZED CLINICAL TRIAL

N. Albuquerque⁽¹⁾, A.F. Rodrigues da Silva⁽²⁾, R. Chaves Cruz⁽²⁾,

I. Silva de Albuquerque⁽³⁾, I. Oliveira Dantas⁽²⁾, T. Araujo⁽²⁾

⁽¹⁾ Redencao, ⁽²⁾ Fortaleza, ⁽³⁾ Joao Pessoa (BRAZIL)

EP.03.04 AN AUDIT OF INPATIENT BLOOD PRESSURE MEASUREMENT FOCUSING ON ACCURATE TECHNIQUE

A. Gallagher^(1,2), B. Smyth^(1,2), S. Alexeev⁽²⁾, M. Brown^(1,3),

G. Mangos^(1,3), M. Jardine^(2,4)

⁽¹⁾ Kogarah, ⁽²⁾ Camperdown, ⁽³⁾ Sydney, ⁽⁴⁾ Concord (AUSTRALIA)

EP.03.05

ANALYSIS OF 7091 INDIVIDUAL 24-HOUR AMBULATORY BLOOD PRESSURE MONITORING RECORDS OF UNTREATED SUBJECTS IN A HYPERTENSION UNIT FOR 22 YEARS

J. Polonia, S. Tavares, J.A.e. Silva, L. Barbosa

Porto-Matosinhos (PORTUGAL)

EP.03.06

ASSESSMENT OF HYPERTENSION CONTROL IN PATIENTS WITH HEART FAILURE IN POLAND AGED OVER 60

A. Stefanski⁽¹⁾, K. Wieckiel-Lisowka⁽¹⁾, A. Undrunas⁽¹⁾, R. Morawiec⁽²⁾, A. Galas⁽³⁾, A. Tyminska⁽³⁾, K. Byczkowska⁽³⁾, A. Furman-Niedziejko⁽⁴⁾, M. Tkaczyszyn⁽⁵⁾, A. Major⁽⁶⁾, D. Klimczak-Tomaniak⁽³⁾, P. Hamala⁽²⁾, T. Zdrojewski⁽¹⁾

⁽¹⁾ Gdansk, ⁽²⁾ Lodz, ⁽³⁾ Warsaw, ⁽⁴⁾ Cracow, ⁽⁵⁾ Wroclaw,

⁽⁶⁾ Kielce (POLAND)

EP.03.07

ASSESSMENT OF NOCTURNAL BLOOD PRESSURE: THE CRITICAL ROLE OF TIME IN BED

N. Pilz, L. Fessler, V. Heinz, A. Patzak, T. Bothe

Berlin (GERMANY)

EP.03.08

ASSOCIATION BETWEEN FREQUENT HOME BLOOD PRESSURE MEASUREMENT AND BLOOD PRESSURE CONTROL RATE IN HYPERTENSIVE PATIENTS

D.-Y. Kim⁽¹⁾, E.M. Lee⁽²⁾, J.O. Na⁽³⁾, K. Park⁽³⁾, J.-H. Jang⁽¹⁾, S.-H. Shin⁽¹⁾

⁽¹⁾ Incheon, ⁽²⁾ Gunpo, ⁽³⁾ Seoul (SOUTH KOREA)

EP.03.09

BLOOD PRESSURE MEASUREMENT IN KIDNEY TRANSPLANT RECIPIENTS AFTER ARTERIOVENOUS FISTULA LIGATION OR THROMBOSIS

F. Yara, D.N. Tristan, V.W. Margaux, G. Steven, B. Dominique,

G. Dominique Rouen (FRANCE)



- EP.03.10 BLOOD PRESSURE MONITORING METHODS IN PATIENTS WITH ATRIAL FIBRILLATION: DIAGNOSTIC AGREEMENT AND ASSOCIATION WITH CAROTID ATHEROSCLEROSIS**
V. Ntousopoulos, P. Lempidaki, D. Tsiachris, O. Katsarou, A. Marathonitis, A. Menti, K. Kyriakoulis, G. Stergiou, A. Kollias
Athens (GREECE)
- EP.03.11 CHARACTERISTICS OF THE DAILY PROFILE OF ARTERIAL STIFFNESS IN PATIENTS WITH CHRONIC HEART FAILURE**
B.I. Komilova ⁽¹⁾, A. Zenkina ⁽²⁾, E. Lapshina ⁽²⁾, E. Troitskaya ⁽²⁾, L. Karapetyan ⁽²⁾, Z. Kobalava ⁽²⁾
⁽¹⁾ Dushanbe (TAJIKISTAN), ⁽²⁾ Moscow (RUSSIA)
- EP.03.12 COMPARISON OF 24-HOUR BLOOD PRESSURE MONITORING USING THE CUFFLESS DEVICE, CART BP, AND CONVENTIONAL AMBULATORY BLOOD PRESSURE MONITORING**
H.-Y. Lee, H. Lee
Seoul (SOUTH KOREA)
- EP.03.13 COMPARISON OF BLOOD PRESSURE MEASUREMENT IN ROUTINE PRACTICE IN FRANCE AND CANADA**
B. Jean-Marc ⁽¹⁾, B. Quentin ⁽¹⁾, S. Marie ⁽¹⁾, F. Jimmy ⁽¹⁾, L. Zohra ⁽²⁾, K. Janusz ⁽³⁾
⁽¹⁾ Nancy (FRANCE), ⁽²⁾ Vandoeuvre, ⁽³⁾ Montreal (CANADA)
- EP.03.14 VIA VERDE HIPERTENSÃO PROJECT**
R. Martins Serrano, J. Sequeira Mendes, J. Gomes
Guarda, PORTUGAL

MODERATED E-POSTER SESSION 04 - TOTEM 4

EPIDEMIOLOGY I

Chairs: A. Vachulova (Bratislava, SLOVAK REPUBLIC),
B.J. Van den Born (Amsterdam, THE NETHERLANDS)

- EP.04.01 A LONGITUDINAL STUDY ON THE EFFECT OF INCREASED ARTERIAL STIFFNESS ON MUSCLE MASS REDUCTION IN MIDDLE-AGED AND OLDER ADULTS: THE WAKAYAMA STUDY**
Y. Zhang ^(1,2), N. Miyai, M. Sakaguchi ⁽¹⁾, H. Hayakawa ⁽¹⁾, M. Kashiba ⁽¹⁾, Y. Sakamoto ⁽¹⁾, M. Utsumi ⁽¹⁾, M. Arita ⁽¹⁾
⁽¹⁾ Wakayama, ⁽²⁾ Osaka (JAPAN)
- EP.04.02 ADVERSE CHANGES IN SOCIAL TIES AND RISK OF HYPERTENSION: A PROSPECTIVE, GENDER-SENSITIVE STUDY OF THE CANADIAN LONGITUDINAL STUDY ON AGING (2011-2021)**
A.I. Conklin, G. Ceolin, G. Veenstra, N.A. Khan
Vancouver (CANADA)
- EP.04.03 ANALYSIS OF 17 FACTORS POTENTIALLY RELATED TO HYPERTENSION CONTROL IN AN URBAN POPULATION COHORT**
E. Mazdorova, E. Mazurenko, D. Malyutina, M. Shapkina, A. Ryabikov
Novosibirsk (RUSSIA)
- EP.04.05 ANXIETY IS AN INDEPENDENT PREDICTOR OF HYPERTENSION IN UKRAINIAN WOMEN REFUGEES IN POLAND.**
A. Shalimova ⁽¹⁾, M.S. Stoenoiu ⁽²⁾, W.J. Cubala ⁽¹⁾, N.G. Manolache ⁽²⁾, M. Burnier ⁽³⁾, K. Narkiewicz ⁽¹⁾, A. Persu ⁽²⁾
⁽¹⁾ Gdansk (POLAND), ⁽²⁾ Brussels (BELGIUM), ⁽³⁾ Lausanne (SWITZERLAND)



- EP.04.06 ASSESSMENT OF CARDIOVASCULAR RISK FACTORS AMONG UNDERGRADUATE STUDENTS**
A. Abdurasulova, D. Abibillaev, S. Ur Rehman, A. Haider, A. Ibrahim, W. Iqbal, Z. Kurshid, M. Karataev, R. Kydyralieva Bishkek (KYRGYZSTAN)
- EP.04.07 ASSESSMENT OF PRIMARY HEALTH CARE FACILITIES IN ETHIOPIA FOR HYPERTENSION CARE: FINDINGS FROM THE ETHIOPIAN HYPERTENSION CONTROL INITIATIVE (EHCI)**
H.G. Kebede, W.D. Dinda, G.A. Dessie
Addis Ababa (ETHIOPIA)
- EP.04.08 ASSOCIATION BETWEEN HYPERTENSION AND THE RISK OF CANCER: EVIDENCE FROM UK BIOBANK**
Y. Ou, H. Wu, Z.-H. Li
Guangzhou (CHINA)
- EP.04.10 BLOOD PRESSURE PROFILE IN PROFESSIONAL SCUBA DIVERS**
S. Gacemi, L. Bounab
Oran (ALGERIA)
- EP.04.11 CARDIOVASCULAR OUTCOMES BASED ON THE 2024 ESH BLOOD PRESSURE DEFINITIONS: A NATIONWIDE COHORT ANALYSIS**
D.Y. Cheon⁽¹⁾, Y.J. Lee⁽¹⁾, J.H. Lee⁽¹⁾, M.S. Park⁽¹⁾, J.H. Choi⁽¹⁾, K.-d. Han⁽²⁾, M. Lee⁽³⁾
⁽¹⁾ Hwaseong, ⁽²⁾ Seoul, ⁽³⁾ Anyang (SOUTH KOREA)

- EP.04.12 CHANGES IN BLOOD PRESSURE OVER A 6-YEARS PERIOD IN THE POPULATION-BASED SWISS LONGITUDINAL COHORT STUDY (SWICOS)**
R. Schoenenberger-Berzins⁽¹⁾, D. Radovanovic⁽²⁾, F. Muggli⁽²⁾, A. Gallino⁽³⁾, G. Parati⁽⁴⁾, P. Suter⁽⁵⁾, A. Schoenenberger^(6,7)
⁽¹⁾ Luzern, ⁽²⁾ Lugano, ⁽³⁾ Bellinzona (SWITZERLAND), ⁽⁴⁾ Milan (ITALY), ⁽⁵⁾ Zürich, ⁽⁶⁾ Bern, ⁽⁷⁾ Münsterlingen (SWITZERLAND)
- EP.04.13 CLINICAL CHARACTERISTICS OF ALGERIAN HYPERTENSIVE PATIENTS ACCORDING TO THE ESH SURVEY QUESTIONNAIRE**
M. Bessaih⁽¹⁾, A.F. Bendaoud⁽¹⁾, A. Lounici⁽²⁾, A. Meziane Tan⁽²⁾, N.F. Benatta⁽¹⁾, N. Laredj⁽¹⁾, A. Rahou⁽¹⁾, H.S. Tadj⁽³⁾, M. Chetibi⁽⁴⁾, A. Tafat⁽⁴⁾, T. Dehaba⁽⁴⁾, M. Burnier⁽⁵⁾
⁽¹⁾ Oran, ⁽²⁾ Tlemcen, ⁽³⁾ Sidi Belabess, ⁽⁴⁾ Alger (ALGERIA), ⁽⁵⁾ Lausanne (SWITZERLAND)
- EP.04.14 CONSENSUS ON OLMESARTAN IN HYPERTENSION MANAGEMENT: CLINICAL BENEFITS AND EXPERT INSIGHTS FROM INDIA**
P. Saxena⁽¹⁾, A. Maheshwari⁽²⁾, N. Verma⁽²⁾, S. Ansari⁽²⁾, S. Roy⁽¹⁾, S. Modi⁽³⁾, A. Gupta⁽¹⁾, K. Pareek⁽⁴⁾, S. Lodha⁽¹⁾, S. Bhandari⁽¹⁾, G. Mathur⁽⁴⁾, S. Sharma⁽¹⁾, S.N. Narasingan⁽⁵⁾, R. Gupta⁽¹⁾
⁽¹⁾ Jaipur, ⁽²⁾ Lucknow, ⁽³⁾ Delhi, ⁽⁴⁾ Kota, ⁽⁵⁾ Chennai (INDIA)
- EP.04.15 PELA SAÚDE DE PORTUGAL- A GLIMPSE OF A CARDIOVASCULAR TOUR**
H. Ribeiro⁽¹⁾, L. Nogueira Silva⁽²⁾, M. Viana⁽²⁾, T. Borges Coelho⁽³⁾, J.G. Assis⁽³⁾, R. Ferreira⁽⁵⁾, I. Ambrósio⁽⁶⁾, R. Palma Féria⁽⁷⁾, F. Abecasis⁽⁸⁾, I. Pinto⁽⁹⁾, J.P. Patrocínio⁽⁴⁾, F. Martos Gonçalves⁽⁷⁾, R. De Pinho⁽¹⁾
⁽¹⁾ Santa Maria da Feira, ⁽²⁾ Porto, ⁽³⁾ Vila Real, ⁽⁴⁾ Guarda, ⁽⁵⁾ Coimbra, ⁽⁶⁾ Santarém, ⁽⁷⁾ Loures, ⁽⁸⁾ Almada, ⁽⁹⁾ Faro (PORTUGAL)



MODERATED E-POSTER SESSION 05 - TOTEM 5

HEART I

Chairs: V.B. Halatiu (Târgu Mureș, ROMANIA), M. Salvetti (Brescia, ITALY)

EP.05.01 ANALYSIS OF RISK FACTORS FOR QTC INTERVAL PROLONGATION IN COVID-19 PATIENTS: THE ROLE OF CREATININE LEVEL, HEART FAILURE, HYPERTENSION AND LEVOFLOXACIN THERAPY.

K. Wilk-Sledziowska, R. Sledziwski, M. Gryciuk, P.J. Sielatycki, E. Zbroch
Białystok (POLAND)

EP.05.02 ANXIETY, DEPRESSION, POSITIVE AND NEGATIVE EMOTIONS IN HOSPITALIZED PATIENTS WITH ACUTE CORONARY SYNDROME

D. Kontogianni, M. Kontogianni, I.-D. Vlad, D. Tasoulas, A. Makridakis, N. Nakas, S. Charalambous, C. Radulescu, E. Aivalioti, N. Mofori, K. Touhantzidou, N. Makridakis, E. Dimos, E. Diamantakis, A. Kotsakis
Athens (Greece)

EP.05.03 ARTERIAL STIFFNESS: A STRONG DETERMINANT OF ABNORMAL CARDIAC MAGNETIC RESONANCE IMAGING IN AN UNTREATED HYPERTENSIVE POPULATION

A. Malliora, K. Vasileiadis, C. Antza, V. Potoupni, V. Kotsis
Thessaloniki (GREECE)

EP.05.04 ASSOCIATION BETWEEN ELEVATED ADMISSION DIASTOLIC BLOOD PRESSURE AND ONE-YEAR MORTALITY IN PATIENTS WITH ACUTE CORONARY SYNDROME

S. Bliznyuk, A. Komarova, M. Ezhov, M. Chashchin
Moscow (RUSSIA)

EP.05.05 ASSOCIATION BETWEEN THE NUMBER OF ANTIHYPERTENSIVE MEDICATION AND PERICORONARY INFLAMMATION ON CORONARY COMPUTED TOMOGRAPHY ANGIOGRAPHY

E. Blindu, R. Gerculy, T. Popa, A. Farcas Chirtes, T. Mihaila, B. Halatiu, I. Rodean, T. Benedek
Târgu Mureș (ROMANIA)

EP.05.06 ATRIAL FIBRILLATION – POOR AWARENESS AND CONCERNING CLINICAL INERTIA. EHUH 2 STUDY

B. Kokic, M. Stupin ^(1,2), B. Pezo ⁽²⁾, A. Trobonjaca ^(2,3), A. Belancic ^(2,4), M. Lovric Bencic ⁽²⁾, I. Bitunjac ^(2,5), M. Marinovic Glavic ^(2,4), D. Lovric ⁽²⁾, D. Fabijanic ^(2,6), I. Cepanec ⁽²⁾, B. Mandaric ⁽²⁾, M. Alagic ⁽²⁾, A. Madunic ⁽²⁾, M. Mustedanagic ⁽²⁾, P. Horvat ⁽²⁾, S. Sliskovic ⁽²⁾, L. Prgomet ⁽²⁾, I. Pecin ⁽²⁾, B. Jelakovic ⁽²⁾
⁽¹⁾ Osijek, ⁽²⁾ Zagreb, ⁽³⁾ Opatija, ⁽⁴⁾ Rijeka, ⁽⁵⁾ Slavonski Brod, ⁽⁶⁾ Split (CROATIA)

EP.05.07 BENZENETRIOL DERIVATIVE ATTENUATES ISOPROTERENOL INDUCED CARDIOTOXICITY IN EXPERIMENTAL ANIMALS: A MOLECULAR PATHWAY INSIGHT

J. Sharma, J. Bhatia, D. Arya
New Delhi (INDIA)

EP.05.08 CARDIOGENIC SHOCK COMPLICATING ACUTE MYOCARDIAL INFARCTION: A DECADE OF TRENDS AND OUTCOMES

J.-O. Jeong, P.S. Song, S.-A. Jin, S.-W. Seong, K.T. Ahn
Daejeon (SOUTH KOREA)



EP.05.09

CARDIOVASCULAR STRUCTURAL AND FUNCTIONAL PARAMETERS IN IDIOPATHIC PULMONARY FIBROSIS AT DISEASE DIAGNOSIS

C. Tognola ⁽¹⁾, A. Maloberti ⁽¹⁾, P. Faverio ^(1,2), P. Rebora ⁽¹⁾, G. Toscani ⁽¹⁾, A. Amato ⁽¹⁾, V. Leoni ^(1,3), G. Franco ^(1,2), F. Vitarelli ^(1,3), S. Spiti ⁽³⁾, F. Luppi ^(1,2), M.G. Valsecchi ⁽¹⁾, A. Pesci ⁽¹⁾, C. Giannattasio ⁽¹⁾
⁽¹⁾ Milan, ⁽²⁾ Monza, ⁽³⁾ Desio (ITALY)

EP.05.10

CARVEDILOL IN THE MANAGEMENT OF RESISTANT AND UNCONTROLLED HYPERTENSION

Z. Kereselidze ⁽¹⁾, L. Kopaleishvili ⁽¹⁾, K. Nadaraia ⁽¹⁾, K. Chelidze ⁽¹⁾, V. Chumburize ⁽¹⁾, A. Markoidze ⁽²⁾, L. Rigvava ⁽¹⁾, T. Shengelia ⁽¹⁾
⁽¹⁾ Tbilisi, ⁽²⁾ Batumi (GEORGIA)

MODERATED E-POSTER SESSION 06 - TOTEM 6

CLINICAL STUDIES I

Chairs: M. Camafort Babkowski (Barcelona, SPAIN),
Š. Sokolovic (Sarajevo, BOSNIA AND HERZEGOVINA)

EP.06.01

A STUDY ON THE CONSISTENCY OF ADRENAL VENOUS SAMPLING (AVS) AND COMPUTED TOMOGRAPHY (CT) IN THE SUBTYPE DIAGNOSIS OF PRIMARY ALDOSTERONISM (PA)

M.H. Yang, W. Song, B.X. Dong, Y. Zhang, Y.N. Jiang
Dalian (CHINA)

EP.06.02

ANTIHYPERTENSIVE EFFECT OF ILOPERIDONE IN PARTICIPANTS WITH BIPOLAR MANIA I WITH COMORBID HYPERTENSION IN A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL

M. Mohrman, C. Polymeropoulos, C. Xiao, G. Birznieks, M. Polymeropoulos, V. Polymeropoulos
Washington, DC (USA)

EP.06.03

ARTERIAL HYPERTENSION AS A CLINICAL PROGNOSTIC MARKER IN PATIENTS WITH MULTIPLE MYELOMA

T. Petreski, L. Varda, N. Pulko, R. Simic, A. Rozic, S. Bevc
Maribor (SLOVENIA)

EP.06.04

ASSOCIATION BETWEEN ADVANCED GLYCATION END PRODUCTS AND VASCULAR PARAMETERS IN PATIENTS WITH SYSTEMIC SCLEROSIS

H. Dogas, M. Radic, M. Vuckovic, A. Gelemanovic, J. Radic
Split (CROATIA)



EP.06.05 ASSOCIATION OF CHANGE IN ESTIMATED PULSE WAVE VELOCITY WITH CARDIOVASCULAR EVENTS IN A CHINESE COMMUNITY-BASED POPULATION: A COHORT STUDY

B. Wang, L. Gao, F. Fan, J. Jia, J. Li, Y. Huo, Y. Zhang
Beijing (CHINA)

EP.06.06 ASSOCIATION OF NEUTROPHIL/LYMPHOCYTE RATIO WITH AMBULATORY BLOOD PRESSURE VARIABILITY AND CIRCADIAN RHYTHM IN PATIENTS WITH ESSENTIAL HYPERTENSION

J. Wang, T. Chen, C. Wang
Beijing (CHINA)

EP.06.07 BASELINE CHARACTERISTICS OF PATIENTS IN BAXHTN: A PHASE 3 TRIAL OF THE ALDOSTERONE SYNTHASE INHIBITOR BAXDROSTAT IN PATIENTS WITH UNCONTROLLED OR RESISTANT HYPERTENSION

J.M. Flack ⁽¹⁾, M. Azizi ⁽²⁾, J.M. Brown ⁽³⁾, E.S.W. Jones ⁽⁴⁾, H. Shibata ⁽⁵⁾, J.-G. Wang ⁽⁶⁾, J. Wittes ⁽⁷⁾, U. Wilderäng ⁽⁸⁾, D.S. Olsson ⁽⁸⁾, J. Fronczek ⁽⁹⁾, S. Perl ⁽¹⁰⁾, B. Williams ⁽¹¹⁾
⁽¹⁾ Springfield (USA), ⁽²⁾ Paris (FRANCE), ⁽³⁾ Boston (USA), ⁽⁴⁾ Cape Town (SOUTH AFRICA), ⁽⁵⁾ Oita (JAPAN), ⁽⁶⁾ Shanghai (CHINA), ⁽⁷⁾ Washington (USA), ⁽⁸⁾ Gothenburg (SWEDEN), ⁽⁹⁾ Warsaw (POLAND), ⁽¹⁰⁾ Gaithersburg, MD (USA), ⁽¹¹⁾ London (UNITED KINGDOM)

EP.06.08 CARDIOPULMONARY AND NEUROCOGNITIVE FUNCTIONALITY OF HYPERTENSIVE PATIENTS AFTER SARS-COV-2 INFECTION

M. Kariori, C. Fragoulis, A. Prentakis, E. Kontogianni, P. Tsioufis, K. Grigoriou, M. Stathouloupoulou, P. Papakonstantinou, F. Tatakis, E. Siafi, E. Mantzouranis, E. Manta, D. Konstantinidis, C. Thomopoulos, C. Chrysochoou, A. Politis, K. Tsioufis
Athens (Greece)

EP.06.09 CAROTID-FEMORAL PULSE WAVE VELOCITY AND STIFFNESS INDEX MEASURED 10-18 YEARS EARLIER WERE SIGNIFICANTLY HIGHER IN DECEASED THAN IN STILL LIVING TREATED FINNISH HYPERTENSIVE PATIENT

I. Kantola, T. Kantola
Turku (FINLAND)

EP.06.10 CENTRAL AORTIC PRESSURE IMPROVES PREDICTION OF CARDIOVASCULAR EVENTS COMPARED TO BRACHIAL BLOOD PRESSURE IN 14-YEAR FOLLOW-UP OF A HYPERTENSIVE COHORT

J. Zuo ⁽¹⁾, G. Chang ⁽¹⁾, J. Zhao ⁽¹⁾, Y. Hu ⁽¹⁾, S. Chu ⁽¹⁾, M. Butlin ⁽²⁾, I. Tan ⁽²⁾, A. Avolio ⁽²⁾
⁽¹⁾ Shanghai (CHINA), ⁽²⁾ Sydney (AUSTRALIA)

EP.06.11 COVID-19 INDUCES GREATER DIFFICULTY IN BLOOD PRESSURE CONTROL DUE TO INCREASED ARTERIAL STIFFNESS.

F. Corvasce ⁽¹⁾, M.S. Marozzi ⁽¹⁾, I. Fucile ⁽³⁾, I. Panettieri ⁽⁴⁾, P. Mauro ⁽⁵⁾, R. Curcio ⁽²⁾, C. Mancusi ⁽²⁾, S. Cicco ⁽¹⁾
⁽¹⁾ Bari, ⁽²⁾ Perugia, ⁽³⁾ Naples, ⁽⁴⁾ Foggia, ⁽⁵⁾ Mantova (ITALY)

EP.06.12 EFFECTS OF ANGIOTENSIN RECEPTOR-NEPRILYSIN INHIBITOR ON HOME BLOOD PRESSURE AND CARDIAC MARKERS IN HYPERTENSIVE PATIENTS WITH HEART FAILURE

T. Yamagishi
Sendai (JAPAN)

EP.06.13 SUSTAINABLE HYPERTENSION MANAGEMENT IN PRIMARY HEALTH CARE IN SWEDEN

U. Andersson, M. Pikkemaat, P. Nilsson, P. Midlöv
Lund (SWEDEN)



MODERATED E-POSTER SESSION 07 - TOTEM 7

HEALTHCARE ORGANIZATION AND GUIDELINES

Chairs: G. Parati (Milan, ITALY), J.-G. Wang (Shanghai, CHINA)

EP.07.01 A NEW CARD GAME IN HYPERTENSION FOR CONTINUING EDUCATION AMONG HEALTH PROFESSIONALS

J. Torras-Borrell ⁽¹⁾, M. Benítez-Camps ⁽²⁾, M. Gibrat-Pineda ⁽³⁾, M. Cecilia-Salgueiro ⁽³⁾, M. Vanrell-Nicolau ⁽⁴⁾, O. Rebagliato-Nadal ⁽²⁾, M. Priego-Artero ⁽⁵⁾, L. Camps-Vila ⁽⁶⁾, J. Rosinach-Bonet ⁽⁷⁾, L. González-Gil ⁽⁸⁾, M. Serrat-Costa ⁽⁹⁾
⁽¹⁾ Palau Solità i Plegamans, ⁽²⁾ Barcelona, ⁽³⁾ Terrassa, ⁽⁴⁾ Palma de Mallorca, ⁽⁵⁾ Barcelona, ⁽⁶⁾ Manresa, ⁽⁷⁾ Lleida, ⁽⁸⁾ Terrassa, ⁽⁹⁾ Girona (SPAIN)

EP.07.02 A NEW QUESTIONS-AND-ANSWERS GAME IN HYPERTENSION FOR CONTINUING EDUCATION AMONG HEALTH PROFESSIONALS

M. Benítez-Camps ⁽¹⁾, J. Torras-Borrell ⁽²⁾, M. Vanrell-Nicolau ⁽³⁾, O. Rebagliato-Nadal ⁽¹⁾, M. Priego-Artero ⁽⁴⁾, M. Cecilia-Salgueiro ⁽⁵⁾, M. Gibrat-Pineda ⁽⁵⁾, L. Camps-Vila ⁽⁶⁾, J. Rosinach-Bonet ⁽⁷⁾, L. González-Gil ⁽⁸⁾, M. Serrat-Costa ⁽⁹⁾
⁽¹⁾ Barcelona, ⁽²⁾ Terrassa, ⁽³⁾ Palma de Mallorca, ⁽⁴⁾ Barcelona, ⁽⁵⁾ Palau Solità i Plegamans, ⁽⁶⁾ Manresa, ⁽⁷⁾ Lleida, ⁽⁸⁾ Terrassa, ⁽⁹⁾ Girona (SPAIN)

EP.07.03 BACK TO THE FUTURE: A NEW GUIDELINES PROCESS FOR HYPERTENSION CANADA AND HYPERTENSION AUSTRALIA

R. Tsuyuki ⁽¹⁾, R. Goupil ⁽²⁾, M. Schlaich ⁽³⁾, K. Terenzi ⁽⁴⁾, G. Jennings ⁽⁵⁾, N. Santesso ⁽⁶⁾, G. Hundemer ⁽⁷⁾
⁽¹⁾ Edmonton, ⁽²⁾ Montréal (CANADA), ⁽³⁾ Perth (AUSTRALIA), ⁽⁴⁾ Toronto (CANADA), ⁽⁵⁾ Melbourne (AUSTRALIA), ⁽⁶⁾ Hamilton, ⁽⁷⁾ Ottawa (CANADA)

EP.07.04

CHARACTERIZING AND OPTIMIZING COLLABORATIVE PRACTICES BETWEEN NURSE PRACTITIONERS (NP) AND REGISTERED NURSES IN THE MANAGEMENT OF HYPERTENSION IN NP CLINICS: STUDY PROTOCOL

A. Michaud ⁽¹⁾, A. Duhoux ⁽²⁾, A. Rioux-Dubois ⁽³⁾, M.E. Poitras ⁽¹⁾, L. Cloutier ⁽⁴⁾
⁽¹⁾ Sherbrooke, ⁽²⁾ Montreal, ⁽³⁾ St-Jérôme, ⁽⁴⁾ Trois-Rivières (CANADA)

EP.07.05

COMPARISON ABOUT SPECIAL SITUATIONS BETWEEN 2021 NATIONAL HYPERTENSION GUIDELINES AND 2023 EUROPEAN SOCIETY OF HYPERTENSION GUIDELINES

M. Priego-Artero ⁽¹⁾, M. Cecilia-Salgueiro ⁽²⁾, J. Torras-Borrell ⁽³⁾, O. Rebagliato-Nadal ⁽¹⁾, M. Benítez-Camps ⁽¹⁾, J. Rosinach-Bonet ⁽⁵⁾, B. Arnal-López ⁽⁵⁾, M. Serrat-Costa ⁽⁶⁾, L. Camps-Vila ⁽⁷⁾, M. Gibrat-Pineda ⁽²⁾, N. Soldevila-Bacardit ⁽¹⁾, E. Vinyoles-Bargalló ⁽¹⁾, C. Albaladejo-Blanco ⁽¹⁾, G. Coll-DeTuero ⁽¹⁾, M.A. Vila-Coll ⁽¹⁾, M. De La Figuera-Von Wichman ⁽¹⁰⁾
⁽¹⁾ Barcelona, ⁽²⁾ Palau Solità i Plegamans, ⁽³⁾ Terrassa, ⁽⁴⁾ Lleida, ⁽⁵⁾ Pontevedra, ⁽⁶⁾ Girona, ⁽⁷⁾ Manresa (SPAIN)

EP.07.06

DEVELOPMENT OF THE EUROPEAN SOCIETY OF HYPERTENSION GUIDELINES FOR THE MANAGEMENT OF ARTERIAL HYPERTENSION AS SHOWN BY THE CERTAINTY INDEX

A. Koller ^(1,2), Z. Jarai ⁽¹⁾, J. Takacs ⁽¹⁾
⁽¹⁾ Budapest (HUNGARY), ⁽²⁾ Valhalla (USA)

EP.07.07

DIAGNOSTIC AND MANAGEMENT STEPS OF HYPERTENSIVE URGENCIES AND EMERGENCIES: A SURVEY OF PHYSICIANS' PERCEPTIONS

P. Anyfanti, C. Antza, E. Chovarda, K. Triantafyllou, E. Gkaliagkousi, V. Kotsis
 Thessaloniki (GREECE)



EP.07.08 **DIAGNOSTIC AND THERAPEUTIC APPROACHES FOR MANAGING HYPERTENSIVE EMERGENCIES: THE PERSPECTIVE OF EMERGENCY PHYSICIANS**

N. Gebara, A. Lorthioir, C. Brandolin, A. Laurain, M. Kassab, J. Riancho, A. Patzak, R. Chocron, I. Vassor, L. Amar, M. Azizi, P. Juvin
Paris (FRANCE)

EP.07.09 **ENSURING CONTINUUM OF CARE TO ADDRESS THE HIDDEN EPIDEMIC OF HIGH BLOOD PRESSURE IN RURAL EASTERN NEPAL**

S.K. Sharma⁽¹⁾, U. Bhattarai⁽¹⁾, P. Katuwal⁽¹⁾, U. Gautam⁽¹⁾, O. Heller⁽²⁾, K. Zimmermann⁽²⁾, S.A. Perone⁽²⁾
⁽¹⁾ Dharan (NEPAL), ⁽²⁾ Geneva (SWITZERLAND)

EP.07.10 **EVALUATION OF SATISFACTION LEVEL WITH A CARD GAME FOR LEARNING HYPERTENSION MANAGEMENT**

M. Cecilia Salgueiro⁽¹⁾, M. Benítez-Camps⁽²⁾, J. Torras-Borrell⁽³⁾, M. Gibrat-Pineda⁽¹⁾, O. Rebagliato-Nadal⁽²⁾, M. Vanrell-Nicolau⁽⁴⁾, L. Camps-Vila⁽⁵⁾, J. Rosinach-Bonet⁽⁶⁾, M. Priego-Artero⁽²⁾, M. Serrat-Costa⁽⁷⁾, L. González-Gil⁽⁸⁾
⁽¹⁾ Palau Solità i Plegamans, ⁽²⁾ Barcelona, ⁽³⁾ Terrassa, ⁽⁴⁾ Palma de Mallorca, ⁽⁵⁾ Manresa, ⁽⁶⁾ Lleida, ⁽⁷⁾ Girona, ⁽⁸⁾ Terrassa (SPAIN)

EP.07.11 **IMPACT OF TARGETING BLOOD PRESSURE CLINIC STATUS ON THE DIAGNOSIS OF PRIMARY HYPERALDOSTERONISM, EXPERIENCE AT THE ANNECY HOSPITAL CENTRE**

B. Franko, S. Jost, S. Collet, S. Moutel, T. Delory
Annecy (FRANCE)

EP.07.12 **INVOLVING MEDICAL ASSISTANTS IN THE DETECTION AND CONTROL OF BLOOD PRESSURE IN THE POPULATION**

O. Rekovets, Y. Sirenko
Kyiv (UKRAINE)

EP.07.13 **PERCEPTION OF HEALTH STAKEHOLDERS ON BARRIERS AND FACILITATORS OF CARDIOVASCULAR RISK MANAGEMENT IN SANTANDER, COLOMBIA: A QUALITATIVE STUDY OF REHOPE PROJECT**

P. Lopez-Jaramillo, Y. Giraldo-Castrillon, J.P. Lopez-Lopez, D. Hernandez-Quinones, I. Gomez-Montoya, A. Castañeda, C. García, D. Martínez, J. Otero
Bucaramanga (COLOMBIA)

EP.07.14 **PILOT STUDY FOR THE EVALUATION OF THE LEARNING OF A GAMIFIED ACTIVITY FOR COMPETITIVE TEAMS OF QUESTIONS-AND-ANSWERS IN ARTERIAL HYPERTENSION**

M. Vanrell-Nicolau⁽¹⁾, M. Benítez-Camps⁽²⁾, J. Torras-Borrell⁽³⁾, O. Rebagliato-Nadal⁽²⁾, M. Priego-Artero⁽⁴⁾, M. Cecilia-Salgueiro⁽⁵⁾, M. Gibrat-Pineda⁽⁵⁾, L. Camps-Vila⁽⁶⁾, J. Rosinach-Bonet⁽⁷⁾, M. Serrat-Costa⁽⁸⁾, L. González-Gil⁽⁹⁾
⁽¹⁾ Palma de Mallorca, ⁽²⁾ Barcelona, ⁽³⁾ Terrassa, ⁽⁴⁾ Barcelona, ⁽⁵⁾ Palau Solità i Plegamans, ⁽⁶⁾ Manresa, ⁽⁷⁾ Lleida, ⁽⁸⁾ Girona, ⁽⁹⁾ Terrassa (SPAIN)

EP.07.15 **PILOT STUDY FOR THE EVALUATION OF THE LEARNING WITH A CARD'S GAMIFIED ACTIVITY IN HYPERTENSION**

M. Gibrat-Pineda⁽¹⁾, J. Torras-Borrell⁽²⁾, M. Benítez-Camps⁽³⁾, M. Cecilia-Salgueiro⁽¹⁾, O. Rebagliato-Nadal⁽³⁾, L. González-Gil⁽⁴⁾, L. Camps-Vila⁽⁵⁾, J. Rosinach-Bonet⁽⁶⁾, M. Priego-Artero⁽⁷⁾, M. Serrat-Costa⁽⁸⁾
⁽¹⁾ Palau Solità i Plegamans, ⁽²⁾ Terrassa, ⁽³⁾ Barcelona, ⁽⁴⁾ Terrassa, ⁽⁵⁾ Manresa, ⁽⁶⁾ Lleida, ⁽⁷⁾ Barcelona, ⁽⁸⁾ Girona (SPAIN)



MODERATED E-POSTER SESSION 08 - TOTEM 8

METABOLIC SYNDROME

Chairs: T. Benedek (Târgu Mures, ROMANIA), C. Borghi (Bologna, ITALY)

EP.08.01 ACCELERATED VASCULAR AGEING IN PATIENTS WITH METABOLIC DYSFUNCTION-ASSOCIATED STEATOTIC LIVER DISEASE

A. Grillo, V. Barbato, G. Di Pierro, F. Zorat, C. Comar, B. Fabris, S. Bernardi, M. Puato
Trieste (ITALY)

EP.08.02 ALDOSTERONE SYNTHASE GENE C(-344)T POLYMORPHISM AND BLOOD ALDOSTERONE CONCENTRATION IN PATIENTS WITH METABOLIC SYNDROME AND ATRIAL FIBRILLATION

V. Ionin⁽¹⁾, Y. Ma⁽²⁾, E. Bazhenova⁽¹⁾, O. Bliznuk⁽¹⁾, E. Zaslavskaya⁽¹⁾, E. Baranova⁽¹⁾
⁽¹⁾ Saint-Petersburg (RUSSIA), ⁽²⁾ Xiangya (CHINA)

EP.08.03 ASSOCIATION OF FATTY LIVER DISEASE AND ASYMPTOMATIC CAROTID ATHEROSCLEROSIS IN INDIVIDUALS WITH HYPERTENSION AND METABOLIC SYNDROME

S. Kostic⁽¹⁾, I. Tasic⁽²⁾, M. Deljanin Ilic⁽²⁾, D. Djordjevic⁽²⁾, V. Stoickov⁽²⁾, I. Tasic⁽²⁾
⁽¹⁾ Niska Banja, ⁽²⁾ Niš (SERBIA)

EP.08.04 COELIAC DISEASE AND CARDIO-RENAL-METABOLIC HEALTH -EHUH 2 STUDY

A. Madunic⁽¹⁾, K. Paponja⁽¹⁾, A. Belancic^(1,2), M. Marinovic Glavic^(1,2), M. Jelakovic⁽¹⁾, N. Sucur⁽¹⁾, M. Fucek⁽¹⁾, V. Domislovic⁽¹⁾, M. Alagic⁽¹⁾, B. Mandaric⁽¹⁾, B. Kokic^(1,3), H. Polanscak⁽¹⁾, I. Ivankovic⁽¹⁾, I. Cepanec⁽¹⁾, P. Horvat⁽¹⁾, S. Sliskovic⁽¹⁾, T. Tokic⁽¹⁾, I. Stimac^(1,2), I. Pecin⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾ Zagreb, ⁽²⁾ Rijeka, ⁽³⁾ Osijek (CROATIA)

EP.08.05

COMPLEX METABOLIC DISORDERS, LIPID PEROXIDATION, AND MICRONUTRIENT METABOLISM IN WOMEN WITH ARTERIAL HYPERTENSION AND EXOGENOUS CONSTITUTIONAL OBESITY

N. Khutsishvili⁽¹⁾, S. Geldiyeva⁽²⁾, T. Nikishova⁽³⁾, V. Tolkacheva⁽²⁾, K. Aiubov⁽²⁾, A. Abramov⁽²⁾, I. Nazarov⁽²⁾, Z. Kobalava⁽²⁾
⁽¹⁾ Tbilisi (GEORGIA), ⁽²⁾ Moscow, ⁽³⁾ Kazan (RUSSIA)

EP.08.06

EVALUATION OF CLINICAL AND METABOLIC FACTORS ASSOCIATED WITH INTIMA-MEDIA THICKNESS AS A CARDIOVASCULAR RISK MARKER IN PATIENTS WITH AND WITHOUT A HISTORY OF SYMPTOMATIC COVID-19

E. Bielecka, P. Pietraszko, P. Sielatycki, S. Frankowska, E. Zbroch
Bialystok (POLAND)

EP.08.07

FREQUENT CO-OCCURRENCE OF HYPERTENSION WITH CARDIOMETABOLIC DISEASES IN PEOPLE AGED 60 AND OVER – THE SCALE OF THE PROBLEM IN POLAND

K. Jagiello⁽¹⁾, P. Szczesny⁽¹⁾, E. Bleszynska-Marunowska⁽¹⁾, P. Bandosz⁽¹⁾, B. Wizner⁽²⁾, T. Zdrojewski⁽¹⁾
⁽¹⁾ Gdansk, ⁽²⁾ Krakow (POLAND)

EP.08.08

LONG-TERM EXPOSURE TO PARTICULATE MATTER AND THE INCIDENCE OF METABOLIC SYNDROME AND ITS COMPONENTS: A PROSPECTIVE COHORT STUDY IN EASTERN CHINA

L. Yang
Hangzhou (CHINA)



- EP.08.09** **MAGNESIUM SUPPLEMENTATION IMPROVES BLOOD PRESSURE AND LIPID PROFILE IN METABOLIC SYNDROME IN ELDERLY.**
K. Kisters⁽¹⁾, F. Tokmak⁽¹⁾, M. Cziborra⁽¹⁾, T. Werner⁽²⁾,
U. Gröber⁽³⁾, S. Kisters⁽⁴⁾
⁽¹⁾ Herne, ⁽²⁾ Tutzing, ⁽³⁾ Essen, ⁽⁴⁾ Cologne (GERMANY)
- EP.08.10** **SERUM, IONIZED AND INTRACELLULAR MAGNESIUM IN HYPERTENSIVES WITH CIRRHOSIS OF LIVER**
K. Kisters⁽¹⁾, U. Gröber⁽²⁾, L. Kisters⁽³⁾
⁽¹⁾ Herne, ⁽²⁾ Essen, ⁽³⁾ Potsdam (GERMANY)
- EP.08.11** **SEX- AND AGE-SPECIFIC DIFFERENCES IN THE RELATIONSHIP BETWEEN FATTY LIVER INDEX AS WELL AS FIBROSIS-4 SCORE AND ARTERIAL STIFFNESS: RESULTS FROM FUZHOU STUDY**
J. Gong, A. Chen, Y. Han, L. Xie
 Fuzhou (CHINA)
- EP.08.12** **THE INFLUENCE OF BODY MASS INDEX ON CARDIORENOMETABOLIC PARAMETERS ACROSS BLOOD PRESSURE CATEGORIES**
J.J. Josipovic, H. Matijaca, I. Ivanko, G. Mirosevic,
A. Jelakovic, B. Jelakovic
 Zagreb (CROATIA)
- EP.08.13** **THE ROLE OF OUT-OF-OFFICE BLOOD PRESSURE MEASUREMENTS ON THE DIAGNOSIS OF METABOLIC SYNDROME.**
C. Antza⁽¹⁾, M. Sitmalidou⁽¹⁾, A. Belancic⁽²⁾, N. Katsiki⁽¹⁾,
V. Kotsis⁽¹⁾
⁽¹⁾ Thessaloniki (GREECE), ⁽²⁾ Rijeka (CROATIA)

MODERATED E-POSTER SESSION 09 - TOTEM 9

HYPERTENSION PHENOTYPES I

Chairs: B. Jelakovic (Zagreb, CROATIA),
B. Duly Bouhanick (Toulouse, FRANCE), S. Monticone (Turin, ITALY)

- EP.09.01** **ALDOSTERONE-TO-RENIN RATIO AND ITS ASSOCIATION WITH HYPERTENSION PHENOTYPES**
Z. Zhou, H. Miao, Z. Yin, X. Li, Y. Zhang
 Beijing (CHINA)
- EP.09.02** **ASSOCIATION BETWEEN ISOLATED LOW OR HIGH DIASTOLIC BLOOD PRESSURE WITH ALL-CAUSE AND CARDIOVASCULAR MORTALITY: EVIDENCE FROM NHANES (1999–2018)**
W. Hou, B. Zheng, Y. Gong
 Beijing (CHINA)
- EP.09.03** **ASSOCIATION OF GLUCOSE/HEMOGLOBIN A1C RATIO WITH BLOOD PRESSURE COMPONENTS IN DIABETIC AND NON-DIABETIC PATIENTS**
C. Chatzikosma, E. Ztriva, V. Kachtsidis, G. Savvopoulos,
S. Ouzouni, G. Dimas, M. Andronoglou, A. Triantafyllou,
C. Savopoulos
 Thessaloniki (GREECE)
- EP.09.04** **ASSOCIATION OF ORTHOSTATIC HYPOTENSION WITH ABNORMAL BLOOD PRESSURE PHENOTYPES**
J.E. Lee⁽¹⁾, E.M. Lee⁽²⁾
⁽¹⁾ Seoul, ⁽²⁾ Gunpo (SOUTH KOREA)
- EP.09.05** **BENEFITS OF EARLY DETECTION OF LEFT VENTRICULAR HYPERTROPHY IN PATIENTS WITH FABRY DISEASE**
A. Bachir Cherif, S. Bennouar, N. Elayadi, Y. Djebbar
 Blida (ALGERIA)



EP.09.06 **COMPARATIVE ANALYSIS OF THE EFFECTIVENESS OF ANTIHYPERTENSIVE THERAPY INCLUDING SPIRONOLACTONE AND EPLERENONE IN PATIENTS WITH ESSENTIAL HYPERTENSION WITH ATRIAL FIBRILLATION**

G. Radjabova, G. Abdullaeva, M. Turgunovna, Z. Mashkurova, N. Ibragimov
Tashkent (UZBEKISTAN)

EP.09.07 **DETERMINANTS OF PRIMARY HYPERTENSION IN CHILDREN AND ADOLESCENTS**

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

EP.09.08 **DISTINCT CLINICAL FEATURES AND ORTHOSTATIC TEST CHARACTERISTICS OF DELAYED VS. CLASSIC ORTHOSTATIC HYPOTENSION**

E.M. Lee⁽¹⁾, Y.-M. Kim⁽²⁾, J.E. Lee⁽²⁾, H.S. Seo⁽²⁾
⁽¹⁾ *Gyeonggi-do*, ⁽²⁾ *Seoul (SOUTH KOREA)*

EP.09.09 **EVIDENCE FOR A KEY ROLE OF ANGIOTENSINOGEN IN THE PROXIMAL TUBULE OF THE KIDNEY IN NORMAL BLOOD PRESSURE CONTROL**

X.C. Li⁽¹⁾, R. Hassan⁽¹⁾, H. Lu⁽²⁾, A. Daugherty⁽²⁾, J.L. Zhuo⁽²⁾
⁽¹⁾ *New Orleans*, ⁽²⁾ *Lexington, KY (USA)*

EP.09.10 **FEATURES OF ARTERIAL HYPERTENSION IN MEN WHO HAD MYOCARDIAL INFARCTION**

M. Nazarova, L. Burdeina, A. Ivankova, I. Shapoval, O. Kulchytska, V. Romanova, M. Stanislavchuk
Vinnytsia (UKRAINE)

EP.09.11 **FROM ARTERIAL HYPERTENSION TO CHRONIC PERSISTENT HYPOTENSION: IS THE KIDNEY GUILTY?**

H. Bendoudouch, A. Ech-Chenbouli, H. Loubna, E.B. Badre, R. Zainab
Tangier (MOROCCO)

EP.09.12 **HEART REMODELING PHENOTYPES BASED ON LEFT AND RIGHT VENTRICULAR CHANGES IN HYPERTENSION: PATHOLOGICAL AUTOPSY FINDINGS**

A. Kerimkulova⁽¹⁾, V. Veber⁽²⁾, L. Proshina⁽²⁾, A. Markabayeva⁽¹⁾, R. Nurpeissova⁽¹⁾, A. Ospanova⁽³⁾, M. Adiyeva⁽⁴⁾, S. Kuat⁽¹⁾
⁽¹⁾ *Astana (KAZAKHSTAN)*, ⁽²⁾ *Veliky Novgorod (RUSSIA)*, ⁽³⁾ *Semey*, ⁽⁴⁾ *Almaty (KAZAKHSTAN)*



MODERATED E-POSTER SESSION 10 - TOTEM 10

OLDER PERSONS

Chairs: A. Benetos (Nancy, FRANCE), A. Croce (Milan, ITALY)

EP.10.01 ARTERIAL STIFFNESS IN HYPERTENSIVE ELDERLY: ASSOCIATIONS WITH BLOOD PRESSURE VARIABILITY, ORTHOSTATIC HYPOTENSION, AND FALL RISK.

A. Feitosa Lisboa Castro, F. Consolim-Colombo, A.G. Laurinavicius, M. Gonçalves Souza, F. Savioli Neto, F. Yue Cesena, J. Batista Souza
São Paulo (BRAZIL)

EP.10.02 ASSOCIATION BETWEEN ORAL FRAILITY AND INTRINSIC CAPACITY AMONG COMMUNITY-DWELLING OLDER ADULTS

S. Ya, N. Luo, L. Wang
Shanghai (CHINA)

EP.10.03 COMPARING THE WILLINGNESS, BARRIERS, AND KNOWLEDGE OF CARDIAC REHABILITATION BETWEEN ELDERLY AND NON-ELDERLY CARDIOVASCULAR PATIENTS IN AREAS WITH LIMITED RESOURCES

X. Hu, Y. Weng, S. Jiang, Z. Zhang, Z. Gao, J. Zang
Shanghai (CHINA)

EP.10.04 CORRELATION BETWEEN ANXIOUS PROFILE AND DAYTIME BLOOD PRESSURE VARIABILITY IN OLDER HYPERTENSIVE SUBJECTS: PRELIMINARY ANALYSIS OF AN ITALIAN MULTICENTER COHORT STUDY.

R. Presta ⁽¹⁾, A. Ceccofiglio ⁽²⁾, G. Rivasi ⁽²⁾, S. Rogani ⁽³⁾, L. Orlandi ⁽⁴⁾, L. Ceolin ⁽²⁾, G. Pescatore ⁽³⁾, E. Brunetti ⁽¹⁾, C. Mussi ⁽⁴⁾, A. Virdis ⁽³⁾, A. Ungar ⁽²⁾, M. Bo ⁽¹⁾
⁽¹⁾ Turin, ⁽²⁾ Florence, ⁽³⁾ Pisa, ⁽⁴⁾ Modena (ITALY)

EP.10.05 CORRELATION OF MICROVASCULAR REACTIVITY, OVERWEIGHT/OBESITY INDICES AND ARTERIAL BLOOD PRESSURE IN OLD-OLD (ABOVE 80 YEARS OLD) ADULTS OF BOTH SEXES

I. Drenjancevic, I. Prosic, L. Firi, A. Stupin, I. Jukic
Osijek (CROATIA)

EP.10.06 EFFECT OF CHANGES IN BODY COMPOSITION ON CARDIOMETABOLIC DISEASE BY SEX AND PRESENCE OF SARCOPENIA

J. Park ⁽¹⁾, H.E. Shin ⁽²⁾, M. Kim ⁽¹⁾, C.W. Won ⁽¹⁾
⁽¹⁾ Seoul (SOUTH KOREA), ⁽²⁾ Atlanta, GA (USA)

EP.10.07 FACTORS ASSOCIATED WITH HOSPITALIZATION LENGTH IN LONG-LIVED INDIVIDUALS WITH ACUTE MYOCARDIAL INFARCTION: A NATIONWIDE ANALYSIS

M. Kupisz-Urbanska, U. Ceglowska, P. Jankowski
Warsaw (POLAND)

EP.10.08 PHYSICIAN'S AWARENESS ABOUT FRAGILITY EXAMINATION IN THE ELDERLY HYPERTENSIVE PATIENTS

A. Konradi ⁽²⁾, A.-C. Sagynbaeva ^(1,2)
⁽¹⁾ Biskek (KYRGYZSTAN), ⁽²⁾ St.Petersburg (RUSSIA)

EP.10.09 THE ASSOCIATION BETWEEN BLOOD PRESSURE AND COGNITIVE FUNCTION IN HOSPITALISED OCTOGENARIANS

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



EP.10.10

THE ROLE OF ESTIMATED PULSE WAVE VELOCITY IN ASSESSING THE IMPACT OF TAVR ON ARTERIAL STIFFNESS AND CARDIAC FUNCTION IN AORTIC STENOSIS

S.M. Moroz, S. Luca, M. Baba, M.A. Lupu, H. Feier,
D.F. Lighezan, I. Mozos
Timisoara (ROMANIA)

MODERATED E-POSTER SESSION II - TOTEM II DIABETES

Chairs: D. Casanova (Guimarães, PORTUGAL),
P. Guimarães Cunha (Guimaraes, PORTUGAL)

EP.II.01

ASSESSING THE SOCIOECONOMIC AND HEALTH IMPACTS OF DIABETES IN SIERRA LEONE: A CASE STUDY OF URBAN AND RURAL COMMUNITIES

M.Y.I. Jalloh⁽¹⁾, J. Smith⁽²⁾, E. Johnson⁽³⁾, M. Brown⁽⁴⁾,
S. Davis⁽⁵⁾, D. Wilson⁽⁶⁾, L. Taylor⁽⁷⁾, J. Anderson⁽⁸⁾,
P. Martinez⁽⁹⁾, R. Thompson⁽¹⁰⁾, J. White⁽²⁾, C. Harris⁽¹⁾,
A. Clark⁽⁵⁾, S. Lewis⁽⁷⁾, L. Robinson⁽⁹⁾, M. Hall⁽³⁾,
M. Young⁽¹⁰⁾, B. King⁽⁸⁾, K. Wright⁽⁶⁾, J. Scott⁽⁴⁾
⁽¹⁾ Freetown (SIERRA LEONE), ⁽²⁾ Boston, ⁽³⁾ Bethesda ,
⁽⁴⁾ Chicago, IL (USA), ⁽⁵⁾ Nairobi (KENYA), ⁽⁶⁾ Sydney
(AUSTRALIA), ⁽⁷⁾ Toronto (CANADA), ⁽⁸⁾ London (UNITED
KINGDOM), ⁽⁹⁾ San Francisco, CA (USA), ⁽¹⁰⁾ Berlin (GERMANY)

EP.II.02

ASSOCIATION OF INFLAMMATORY AND GROWTH FACTORS WITH CARDIORENAL SYNDROME IN TYPE 2 DIABETES MELLITUS

V. Vasilkova⁽¹⁾, T. Mokhort⁽²⁾, I. Savasteeva⁽¹⁾
⁽¹⁾ Gomel, ⁽²⁾ Minsk (BELARUS)

EP.II.03

BENEFIT OF AMBULATORY BLOOD PRESSURE MEASUREMENT AFTER A MAJOR CARDIOVASCULAR EVENT IN HYPERTENSIVE TYPE 2 DIABETIC

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



EP.II.04 BLOOD PRESSURE AWARENESS, TREATMENT AND CONTROL IN PEOPLE WITH DIABETES: RESULTS FROM THE GLOBAL MAY MEASUREMENT MONTH (MMM) CAMPAIGNS 2017-2022

M. Pikkemaat ^(1,2), P. Nilsson ⁽¹⁾, T. Beaney ⁽³⁾, N. Poulter ⁽³⁾, K. Harris ⁽²⁾, A. Schutte ⁽²⁾
⁽¹⁾ Malmö (SWEDEN), ⁽²⁾ Sydney (AUSTRALIA), ⁽³⁾ London (UNITED KINGDOM)

EP.II.05 EPICARDIAL ADIPOSE TISSUE IN PATIENTS WITH LONG-TERM TYPE I DIABETES IN RELATION TO METABOLIC AND INFLAMMATION MARKERS

T. Chalakova, K. Tsochev, G. Chausheva, Y. Bocheva, N. Usheva, V. Yotova, Y. Yotov
 Varna (BULGARIA)

EP.II.06 IMPACT OF HYPERGLYCAEMIA AND SEX ON DAY-TO-DAY HOME BLOOD PRESSURE VARIABILITY

M. Dencker, B. Wegmann, P. B Johansson, F. Iredahl, C.J. Östgren, F. H Nyström, M. O Wijkman
 Linköping (SWEDEN)

EP.II.07 LINKING ULTRASOUND ASSESSMENT OF EXTRACRANIAL CEREBRAL CIRCULATION TO BIOLOGICAL PROFILE OF INFLAMMATION AND COAGULATION AT HYPERTENSIVE PATIENTS WITH OR WITHOUT DIABETES MELLITUS

A. Gavrilă, A. Mehedintu
 Craiova (ROMANIA)

EP.II.08 MICRORNA PROFILE ANALYSIS IN PERICORONARY ADIPOSE TISSUE OF DIABETIC PATIENTS WITH SIGNIFICANT CORONARY ARTERY DISEASE

M. Marketou, P. Kalogerakos, K. Fragkiadakis, A. Plevitaki, J. Kontaraki, E. Zacharis, E. Savva, E. Kampanieris, E. Simantirakis, G. Lazopoulos
 Heraklion (GREECE)

EP.II.09 NEWLY TYPE 2 DIABETES MELLITUS: AN INDEPENDENT FACTOR OF INCREASED CAROTID STIFFNESS

B. Nikolaidou, P. Anyfanti, A. Lazaridis, A. Nashoufidou, A. Malliora, V. Kordalis, M. Gavra, E. Gkaliagkousi
 Thessaloniki (GREECE)

EP.II.10 P66SHC DEFICIENCY ATTENUATES HIGH GLUCOSE-INDUCED AUTOPHAGY DYSFUNCTION

C.S. Kim, G.-H. Vu
 Daejeon (SOUTH KOREA)

EP.II.11 THE EFFECT OF DAPAGLIFLOZIN ON BLOOD PRESSURE IN ELDERLY PATIENTS WITH OBESITY, ARTERIAL HYPERTENSION AND POORLY CONTROLLED TYPE 2 DIABETES

L. Zhuravlyova, T. Rogachova, M. Filonenko, O. Yankevych, M. Kulikova
 Kharkiv (UKRAINE)

EP.II.12 THE EFFECT OF DIABETES MELLITUS DURATION ON CARDIOVASCULAR REMODELING

F. Saidakbarova, N. Srojedinova, A. Duysenbayeva, L. Khafizova, R. Urishboyev
 Tashkent (UZBEKISTAN)

EP.II.13 THE IMPORTANCE OF BLOOD PRESSURE VARIABILITY IN DIABETES MELLITUS

F. Saidakbarova, N. Srojedinova
 Tashkent (UZBEKISTAN)



MODERATED E-POSTER SESSION I2 - TOTEM I2

PHARMACOTHERAPY I

Chairs: A. Pittaras (Athens, GREECE),

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

EP.I2.01 24-MONTH SINGLE-PILL, TRIPLE ANTIHYPERTENSIVE THERAPY IN RURAL RWANDA

I. Hunjan ⁽¹⁾, C. Stroppa ⁽¹⁾, A. Umulisa ⁽³⁾, G. Parati ⁽²⁾, M.G. Bianchetti ⁽¹⁾, B. Muvunyi ⁽⁴⁾, E. Ntaganda ⁽⁴⁾, F. Muggli ⁽¹⁾
⁽¹⁾ Lugano (SWITZERLAND), ⁽²⁾ Milan (ITALY), ⁽³⁾ Nyaruguru, ⁽⁴⁾ Kigali (RWANDA)

EP.I2.02 A PAIRWISE AND NETWORK META-ANALYSIS COMPARING THE EFFICACY AND SAFETY OF RIBONUCLEIC ACID INTERFERENCE THERAPEUTICS IN THE MANAGEMENT OF HYPERTENSION

Z. Bady ⁽¹⁾, M.E. Haseeb ⁽²⁾, H.E. Mohammed ⁽¹⁾, M. Nasser ⁽²⁾, G. Hanen ⁽²⁾, N. S. Jibril ⁽³⁾, A. Heiba ⁽²⁾, H. Aboeldahab ⁽⁴⁾
⁽¹⁾ Assiut, ⁽²⁾ Minia, ⁽³⁾ Menofia, ⁽⁴⁾ Alexandria (EGYPT)

EP.I2.03 ALTERED PROSTAGLANDIN SYNTHASE EXPRESSION IN THE DEVELOPMENT OF PULMONARY ARTERIAL HYPERTENSION: POTENTIAL THERAPEUTIC TARGETS

M. Katanova, K. Hadova, A. Cinakova, G. Doka, Z. Kmecova, J. Veteskova, E. Malikova, E. Kralova, J. Klimas, P. Krenek
Bratislava (SLOVAK REPUBLIC)

EP.I2.04

BLOOD PRESSURE LOWERING EFFECT OF A TRADITIONAL CHINESE HERBAL FORMULA IN PATIENTS WITH STAGE-I HYPERTENSION: A MULTI-CENTRE, RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL

D. An ⁽¹⁾, Y.-Q. Zhang ⁽¹⁾, C.-Y. Liu ⁽¹⁾, Q.-D. Zheng ⁽²⁾, M. Liu ⁽³⁾, M.-X. Li ⁽¹⁾, M.-S. Zheng ⁽⁴⁾, Y.-H. Wang ⁽¹⁾, L.-P. Chen ⁽⁵⁾, X. Chen ⁽¹⁾, D.-Y. Zhang ⁽¹⁾, J.-F. Huang ⁽¹⁾, J.-G. Wang ⁽¹⁾, Z.-Y. Fang ⁽³⁾, Y. Li ⁽¹⁾
⁽¹⁾ Shanghai, ⁽²⁾ Yuhuan, ⁽³⁾ Nanjing, ⁽⁴⁾ Wuhu, ⁽⁵⁾ Lishui (CHINA)

EP.I2.05

BLOOD PRESSURE LOWERING EFFICACY OF SACUBITRIL/ALLISARTAN VERSUS OLMESARTAN IN CHINESE HYPERTENSIVE PATIENTS WITH A NON-DIPPING BLOOD PRESSURE PATTERN

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

EP.I2.06

CARDIOPROTECTIVE EFFICACY OF ANTIHYPERTENSIVE THERAPY INCLUDING SPIRONOLACTONE AND EPLERENONE IN PATIENTS WITH ARTERIAL HYPERTENSION AND ATRIAL FIBRILLATION

G. Abdullaeva, G. Radzhabova, M. Pulatova, Z. Mashkurova, N. Ibragimov
Tashkent (UZBEKISTAN)



EP.12.07 **CARDIOVASCULAR PROTECTION WITH ANTIHYPERTENSIVE THERAPY IN HEMODIALYSIS PATIENTS: SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS**

M. Varveri, C. Kourtidou, I. Kontogiorgos, E. Leptokaridou, E. Georgiou, G. Varouktsi, V. Vaios, M. Pikilidou, V. Liakopoulos, P. Georgianos
Thessaloniki (GREECE)

EP.12.08 **COMPARATIVE CARDIOVASCULAR OUTCOMES OF CHLORTHALIDONE VERSUS HYDROCHLOROTHIAZIDE IN HYPERTENSIVE PATIENTS: A MULTICENTER RETROSPECTIVE COHORT STUDY WITH SUBGROUP ANALYSIS**

H.J. Joo⁽¹⁾, S. Lim⁽¹⁾, J.H. Kim⁽¹⁾, S. Oh⁽¹⁾, S.J. Hong⁽¹⁾, C.W. Yu⁽¹⁾, Y.H. Kim⁽²⁾, E.J. Kim⁽¹⁾
⁽¹⁾ Seoul, ⁽²⁾ Ansan (SOUTH KOREA)

EP.12.09 **COMPARATIVE DISSOLUTION ANALYSIS OF TELMISARTAN AND METOPROLOL SUSTAINED RELEASE FDCS: ROLE OF ADVANCED BIPHASIC DRUG RELEASE PLATFORM IN OPTIMIZING HYPERTENSION MANAGEMENT**

S. Dodiya, M. Talwar
Aurangabad (INDIA)

EP.12.10 **COMPARATIVE EFFECTIVENESS OF DRUG REGIMENS IN HYPERTENSIVE URGENCIES: A HOSPITAL-BASED STUDY**

F.M. Martínez García, G. Prado Paz, E. Martínez Morcillo, R. Gómez Villaplana, I. Saurí Ferrer, A. Fernández Gimenez, E. Solaz Moreno, P. Ciscar Fernández, A. Lucas Camps, A. Samper Cañadas, L. Serna Navarro, M.J. Forner Giner, J. Redon I Mas
Valencia (SPAIN)

EP.12.11 **DESIGN AND METHODOLOGY OF A RANDOMIZED CONTROLLED TRIAL EMULATION WITH REAL-WORLD DATA TO ASSESS COMBINATION THERAPY EFFECTIVENESS WITH BISOPROLOL, PERINDOPRIL AND AMLODIPINE**

T.M. MacDonald⁽¹⁾, C. Darricarrère⁽²⁾, K.C. Tsioufis⁽³⁾, A. Sartorius⁽⁴⁾, C. Apert-Maarek⁽⁵⁾
⁽¹⁾ Dundee (UNITED KINGDOM), ⁽²⁾ Paris (FRANCE), ⁽³⁾ Athens (GREECE), ⁽⁴⁾ Madrid (SPAIN), ⁽⁵⁾ Gif-sur-Yvette (FRANCE)

EP.12.12 **DUAL INHIBITION OF BMPI0 HOMODIMERS AND BMP9/10 HETERODIMERS AS A NOVEL THERAPEUTIC STRATEGY FOR SYSTEMIC HYPERTENSIVE DISEASE**

H. Ariyama⁽¹⁾, T. Kitayama⁽²⁾, Y. Taniguchi⁽¹⁾, S. Ogawa⁽¹⁾, Y. Yamazaki⁽¹⁾
⁽¹⁾ Tokyo, ⁽²⁾ Shizuoka (JAPAN)

EP.12.13 **EFFECTS OF HYPNOTICS ON NOCTURNAL BLOOD PRESSURE: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED-CONTROLLED TRIALS**

E.K. Lee, A. Hung, K. Lam, K. Lau, B. Yip
Hong Kong (HONG KONG SAR, CHINA)

EP.12.14 **EFFECTS OF VALSARTAN VS AMLODIPINE ON THE INCIDENCE OF END-STAGE KIDNEY DISEASE IN HIGH-RISK HYPERTENSION: THE VALUE TRIAL**

E. Olsen⁽¹⁾, K. Jamerson⁽²⁾, R.E. Schmieder⁽³⁾, C.L. Söraas⁽⁴⁾, J.E. Mariampillai⁽⁴⁾, G. Mancina⁽⁵⁾, S.E. Kjeldsen^(2,4), S. Heimark⁽⁴⁾, M.H. Mehlum⁽⁴⁾, K. Liestöl⁽⁴⁾, A.C.K. Larstorp⁽⁴⁾, L.V. Halvorsen⁽⁴⁾, A. Höiegggen⁽⁴⁾, M. Burnier⁽⁶⁾, M. Rostrup⁽⁴⁾, M.A. Weber⁽⁷⁾
⁽¹⁾ Trondheim (NORWAY), ⁽²⁾ Ann Arbor, MI (USA), ⁽³⁾ Erlangen (GERMANY), ⁽⁴⁾ Oslo (NORWAY), ⁽⁵⁾ Milan (ITALY), ⁽⁶⁾ Lausanne (SWITZERLAND), ⁽⁷⁾ New York, NY (USA)



EP.12.15

EVALUATING THE UPTAKE AND POTENTIAL COST SAVINGS OF A NEW 60-DAY DISPENSING POLICY FOR ANTIHYPERTENSIVE MEDICINES IN AUSTRALIA

T. Wang ⁽¹⁾, L. Nguyen ⁽²⁾, I. Tan ⁽¹⁾, E. Atkins ⁽¹⁾, S. Gnanenthiran ⁽¹⁾, M. Falster ⁽¹⁾, S.-A. Pearson ⁽¹⁾, D. Picone ^(1,3), A. Rodgers ⁽¹⁾, A. Schutte ⁽¹⁾
⁽¹⁾ Sydney, ⁽²⁾ Melbourne, ⁽³⁾ Hobart (AUSTRALIA)

EP.12.16

FAILURE OF ANTIHYPERTENSIVE TREATMENT TO RESTORE NORMAL SYMPATHETIC ACTIVITY

D. Massabò ⁽¹⁾, F. Quarti-Trevano ⁽¹⁾, G. Seravalle ⁽¹⁾, R. Facchetti ⁽¹⁾, R. Dell'Oro ⁽¹⁾, K. Tsioufis ⁽²⁾, K. Dimitriadis ⁽²⁾, E. Manta ⁽²⁾, G. Mancina ⁽¹⁾, G. Grassi ⁽¹⁾
⁽¹⁾ Milan (ITALY), ⁽²⁾ Athens (GREECE)

EP.12.17

OMECARDIO: A RANDOMIZED, PLACEBO-CONTROLLED CLINICAL TRIAL TO EVALUATE THE IMPACT OF OMEGA-3 ON BLOOD PRESSURE, VASCULAR FUNCTION, AND INFLAMMATION

C. Kotliar de Delia, E. Huguet, R. Martinez Vivot, L. Montechiesi, C. Beltramo, L. Marcon, S. Obregon
 Buenos Aires (ARGENTINA)

MODERATED E-POSTER SESSION I3 - TOTEM I3

PATHOPHYSIOLOGY/MECHANISMS I

Chairs: E.O. Cruz López (Rotterdam, THE NETHERLANDS), E.M. Horváth (Budapest, HUNGARY)

EP.13.01

ACUTE EFFECT OF ANGIOTENSIN II ON LYMPHATIC CONTRACTILE FUNCTION

G. Bertoldi ⁽¹⁾, R. Luisetto ⁽¹⁾, B. Caroccia ⁽¹⁾, G. Rossitto ^(1,2)
⁽¹⁾ Padua (ITALY), ⁽²⁾ Glasgow (UNITED KINGDOM)

EP.13.02

AN OMIC APPROACH TO THE EVALUATION OF METABOLIC IMPACT OF CARDIAC REHABILITATION IN POST-MYOCARDIAL INFARCTION PATIENTS

S. Ravaro, A. Giglio, M. De Martin, F. Paoletti, L. Ticini, E. Bossi, G. Paglia, G. Parati, A. Zaza, L. Crotti, G. Malfatto
 Milan (ITALY)

EP.13.03

ASSOCIATION STUDY OF EPAS1 GENE POLYMORPHISMS WITH THE SUSCEPTIBILITY TO HIGH ALTITUDE PULMONARY HYPERTENSION IN TIBETAN RESIDENTS.

Q. Gou, H. Xue
 Xi'an (CHINA)

EP.13.04

BLOOD PRESSURE VARIABILITY IN PATIENTS WITH PARKINSON'S DISEASE IS ASSOCIATED WITH ALTERED WATER BALANCE: A POTENTIAL ROLE FOR THE ADH AND APELIN SYSTEMS.

A. Bongrani, A. Calvi, G. Busi, G. Mossini, I. Verzicco, V. Vicini, P. Coghi, A. Cabassi
 Parma (ITALY)



EP.13.05

BONE MORPHOGENETIC PROTEIN 9 PROMOTES HYPERTENSION BY INDUCING VASCULAR REMODELING THROUGH REGULATING SMOOTH MUSCLE CELL INFLAMMATION AND OXIDATIVE STRESS

H. Xue, S. Zhang, C. Wang
Beijing (CHINA)

EP.13.06

CAROTID DISTENSIBILITY VARIES ACCORDING TO GLYCEMIC STATUS IN INDIVIDUALS WITH TREATED HYPERTENSION

M. Sousa Goncalves, A. Laurinavicius Gabriele,
J. Souza Batista, F. Cesena Henpin Yue, O. Passarelli Junior,
H. Lopes Ferreira, L. Drager Ferreira,
F. Consolim-Colombo Marciano, L. Bortolotto Aparecido
Sao Paulo (BRAZIL)

EP.13.07

CHOLINERGIC STIMULATION AFTER ACUTE MYOCARDIAL INFARCTION IMPROVES HEMODYNAMIC PARAMETERS AND MODULATES RENAL PROLIFERATIVE CELL ACTIVITY IN SPONTANEOUS HYPERTENSIVE RATS

M. da Silva Teixeira, L. Eziquiel de Souza,
M. Barbosa da Silva, S. de Jesus Junior, C. Fanelli,
I. de Lourdes Noronha, F. Marciano Consolim-Colombo,
M.C. Irigoyen
Sao Paulo (BRAZIL)

EP.13.08

CHRONOTYPE AND MELATONIN PATTERNS IN PATIENTS WITH NOCTURNAL HY-PERTENSION

M. Pengo, R. Cremascoli, S. Cattaldo, A. Croce, D. Soranna,
E. Prina, E. Gianfranceschi, E. Nardin, C. Lombardi, G. Bilo,
A. Zambon, G. Parati
Milan (ITALY)

MODERATED E-POSTER SESSION 14 - TOTEM 14

WOMEN I

Chairs: R. Cífková (Prague, CZECH REPUBLIC),
M.L. Muiesan (Brescia, ITALY)

EP.14.01

A SYSTEMATIC REVIEW OF GENDER, SOCIAL CONNECTIONS AND RISK OF HYPERTENSION

A.I. Conklin, P. Guo
Vancouver (CANADA)

EP.14.02

ANTIHYPERTENSIVE THERAPY AND SEXUAL DYSFUNCTION IN WOMEN

L. WOZNICKA-LESKIEWICZ, A. Posadzy-Malaczynska
Poznan (POLAND)

EP.14.03

ARTERIAL HYPERTENSION, METABOLIC SYNDROME AND THE RISK OF CARDIOVASCULAR COMPLICATIONS IN WOMEN WITH EXOGENOUS CONSTITUTIONAL OBESITY

N. Khutsishvili ⁽¹⁾, S. Geldiyeva ⁽²⁾, T. Nikishova ⁽³⁾,
V. Tolkacheva ⁽²⁾, K. Aiubov ⁽²⁾, A. Abramov ⁽²⁾, I. Nazarov ⁽²⁾,
Z. Kobalava ⁽²⁾
⁽¹⁾ Tbilisi (GEORGIA), ⁽²⁾ Moscow, ⁽³⁾ Kazan (RUSSIA)

EP.14.04

BLOOD PRESSURE TO VASCULAR RESISTANCE RATIO ASSOCIATES WITH EMBRYONIC AND FETAL GROWTH

L. Voskamp, M. Rousian, R.P. Steegers-Theunissen,
A.J. Danser, K. Verdonk
Rotterdam (THE NETHERLANDS)



EP.14.05

CARDIOVASCULAR COMORBIDITIES AND CARDIO-RENO-METABOLIC RISK FACTORS IN MENOPAUSAL WOMEN EHUH 2 STUDY

I. Ivankovic ⁽¹⁾, P. Batkovic ⁽¹⁾, A. Jelakovic ^(1,2), M. Marinovic Glavic ^(1,2), I. Abramovic ⁽¹⁾, V. Vasiljev ^(1,2), L. Bilajac ^(1,2), T. Tokic ⁽¹⁾, A. Kucina ⁽¹⁾, D. Radunovic ^(1,3), V. Prelevic ^(1,7), M. Fucek ⁽¹⁾, B. Pezo ⁽¹⁾, T. Zeljkovic Vrkic ⁽¹⁾, L. Gellineo ⁽¹⁾, P. Horvat ⁽¹⁾, K. Paponja ⁽¹⁾, P. Susnjara ^(1,4), I. Pecin ⁽¹⁾, B. Jelakovic ⁽¹⁾
⁽¹⁾ Zagreb, ⁽²⁾ Rijeka (CROATIA), ⁽³⁾ Podgorica (MONTENEGRO), ⁽⁴⁾ Osijek (CROATIA)

EP.14.07

COUNSELLING ON ANTI-HYPERTENSIVE MEDICATIONS PRESCRIBED TO WOMEN OF CHILDBEARING AGE ATTENDING HYPERTENSION CLINIC: AN AUDIT

S. Faysal, A.M. Price
 Birmingham (UNITED KINGDOM)

EP.14.08

GENDER DIFFERENCE IN DEVELOPMENT OF HEART FAILURE IN NON-VALVULAR LONE ATRIAL FIBRILLATION WITH HYPERTENSION

S.K. Ryu ⁽¹⁾, S.-H. Shin ⁽²⁾, D.-Y. Kim ⁽²⁾, J.-H. Jang ⁽²⁾, C.W. Goh ⁽¹⁾, Y.S. Byun ⁽¹⁾
⁽¹⁾ Seoul, ⁽²⁾ Incheon (SOUTH KOREA)

EP.14.09

GENDER-SPECIFIC ASSOCIATION OF RS1173771 NEAR TO NPR3, C5ORF23 GENETIC LOCUS WITH DECREASED VALUES OF SYSTOLIC AND DIASTOLIC BLOOD PRESSURE IN BULGARIAN FEMALE SUBJECTS

R. Tzveova, T. Yaneva-Sirakova, J. Matrozova, G. Naydenova, D. Pendicheva-Duhlenka, V. Mitev, R. Kaneva
 Sofia (BULGARIA)

EP.14.10

HYPERTENSION AND GENDER PERSPECTIVE

J. Calvet Giralt, C. Benítez, C. Fernández, M. Camafort Babkowski
 Barcelona (SPAIN)

MODERATED E-POSTER SESSION 15 - TOTEM 15 VASCULATURE I

Chair: M. Januszewicz (Warsaw, POLAND), P. Nilsson (Malmö, SWEDEN)

EP.15.01

ANGIOTENSIN-(1-5) IS A BIOLOGICALLY ACTIVE HORMONE OF THE RENIN-ANGIOTENSIN SYSTEM AND A POTENT AT2-RECEPTOR AGONIST

I.M. Souza-Silva ⁽¹⁾, A.A. Peluso ⁽¹⁾, K. Elsaafien ⁽²⁾, A.L. Nazarova ⁽³⁾, K.B. Assersen ⁽¹⁾, L. Rodrigues-Ribeiro ⁽⁴⁾, A.F. Rodrigues ⁽⁵⁾, C. Enggaard ⁽¹⁾, A. Nawrocki ⁽⁶⁾, L.A. Jacobsen ⁽⁶⁾, P. Jensen ⁽⁶⁾, A.D. de Kloet ⁽²⁾, E.G. Krause ⁽²⁾, M. Bader ⁽⁵⁾, B.L. Jensen ⁽¹⁾, M. Larsen ⁽⁶⁾, T. Verano-Braga ⁽⁴⁾, V. Katritch ⁽³⁾, C. Sumners ⁽⁷⁾, U.M. Steckelings ⁽¹⁾
⁽¹⁾ Odense (DENMARK), ⁽²⁾ Atlanta, GA, ⁽³⁾ Los Angeles, CA (USA), ⁽⁴⁾ Belo Horizonte (BRAZIL), ⁽⁵⁾ Berlin (GERMANY), ⁽⁶⁾ Odense (DENMARK), ⁽⁷⁾ Gainesville (USA)

EP.15.02

ARTERIAL ELASTICITY AND HEART FUNCTION: A POPULATION STUDY IN SOUTHWESTERN SWEDEN

G. Szaló, E. Bollano, M. Hellgren, K. Ottarsdottir, U. Lindblad, B. Daka
 Gothenburg (SWEDEN)

EP.15.03

ARTERIAL STIFFNESS AND ITS DETERMINANTS: A COMPARATIVE STUDY BETWEEN INDIVIDUALS WITH NORMAL AND INCREASED PULSE WAVE VELOCITY IN HYPERTENSIVE ADULTS

V. Santos Mendes Carneiro ⁽¹⁾, A. Camargo Oliveira ⁽¹⁾, A.L. Lima Souza ⁽¹⁾, M. Martins da Costa ⁽¹⁾, M. Costa ⁽¹⁾, S. Inuzuka ⁽¹⁾, G. Frigieri ⁽²⁾, P. Piza ⁽¹⁾, W. Kunz Sebba Barroso ⁽¹⁾
⁽¹⁾ Goiânia, ⁽²⁾ São Paulo (BRAZIL)



EP.15.04 ASSOCIATION BETWEEN NON-INVASIVELY ASSESSED MACROVASCULAR REACTIVITY AND CARDIORESPIRATORY FITNESS IN A POPULATION AT RISK FOR CARDIOVASCULAR DISEASE

M. Renier⁽¹⁾, J. Claes⁽¹⁾, Y. Bekhuis⁽¹⁾, E. Decorte⁽¹⁾, M. Michielsens⁽¹⁾, G. Claessen⁽²⁾, D. Hansen⁽²⁾, E.M. Van Craenenbroeck⁽³⁾, D. De Smedt⁽⁴⁾, N. Verhaeghe⁽⁴⁾, T. Kuznetsova⁽¹⁾, N. Cauwenberghs⁽¹⁾, V. Cornelissen⁽¹⁾
⁽¹⁾ Leuven, ⁽²⁾ Diepenbeek, ⁽³⁾ Edegem, ⁽⁴⁾ Ghent (BELGIUM)

EP.15.05 ASSOCIATION OF ARTERIAL STIFFNESS PARAMETERS WITH CARDIAC REMODELING AND HEMODYNAMICS IN MIDLDE-AGED PATIENTS WITH HYPERTENSION STAGE I

V. Prelevic⁽¹⁾, A. Jelakovic⁽²⁾, K. Gasparovic⁽²⁾, M. Domislovic⁽²⁾, J. Josipovic⁽²⁾, D. Radunovic⁽¹⁾, M. Fucek⁽²⁾, M. Zivko⁽²⁾, B. Jelakovic⁽²⁾
⁽¹⁾ Podgorica (MONTENEGRO), ⁽²⁾ Zagreb (CROATIA)

EP.15.06 ASSOCIATION OF PULSE-WAVE-PATTERN CLASSIFICATION AND TARGET ORGAN DAMAGE IN A CHINESE COMMUNITY-BASED POPULATION

X. Zhang, F. Fan, J. Jia, Y. Yu, Y. Zhang
Beijing (CHINA)

EP.15.07 CAROTID INTIMA-MEDIA THICKNESS MEASUREMENT: ARE THERE DIFFERENCES BETWEEN AUTOMATIC VS. MANUAL MEASUREMENTS?

R. Ingaramo, M.P. Herrera, C.L. Ingaramo, T. Pilco Chavarrea, E.D. Lombardo, N. Ramirez Saucedo, V. Barrientos
Trelew (ARGENTINA)

EP.15.08 CAVI IS A SIGNIFICANT INDICATOR IN PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE

T. Miyoshi⁽¹⁾, K. Shirai⁽²⁾, S. Horinaka⁽³⁾, J. Higaki⁽⁴⁾, S. Yamamura⁽⁵⁾, A. Saiki⁽⁶⁾, K. Hasegawa⁽⁷⁾, N. Asahara⁽⁷⁾, M. Doi⁽⁸⁾, H. Orimo⁽⁹⁾
⁽¹⁾ Okayama, ⁽²⁾ Chiba, ⁽³⁾ Tochigi, ⁽⁴⁾ Ehime, ⁽⁵⁾ Chiba, ⁽⁶⁾ Chiba, ⁽⁷⁾ Kyoto, ⁽⁸⁾ Kagawa, ⁽⁹⁾ Tokyo (JAPAN)

EP.15.09 CLINICAL CHARACTERISTICS OF PATIENTS WITH SPONTANEOUS CERVICAL ARTERY DISSECTION IN THE ARCADIA-SCEAD-POL STUDY.

I. Sterlinski⁽¹⁾, P. Wrona⁽³⁾, S. Kolodziejczyk Kruk⁽¹⁾, E. Szwench-Pietrasz⁽¹⁾, E. Florczak⁽¹⁾, A. Aniszczyk-Hybiak⁽¹⁾, K. Bartoszewski⁽¹⁾, I. Kwiecien⁽¹⁾, A. Jasiniewski⁽¹⁾, M. Czupryna⁽¹⁾, I. Michalowska⁽¹⁾, A. Januszewicz⁽¹⁾, A. Persu⁽²⁾, M. Januszewicz⁽¹⁾, A. Slowik⁽³⁾, I. Kurkowska-Jastrzebska⁽¹⁾
⁽¹⁾ Warsaw (POLAND), ⁽²⁾ Brussels (BELGIUM), ⁽³⁾ Cracow (POLAND)

EP.15.10 THE SCREENING CARDIAC TROPONIN SERUM CONCENTRATION CORRELATES WITH THE PULSE WAVE VELOCITY IN PATIENTS WITH ARTERIAL HYPERTENSION BUT NOT IN NORMOTENSIVE INDIVIDUALS

G. Jakubiak⁽¹⁾, A. Chwalba⁽¹⁾, N. Pawlas⁽¹⁾, G. Cieslar⁽²⁾
⁽¹⁾ Zabrze, ⁽²⁾ Bytom (POLAND)



MODERATED E-POSTER SESSION 16 - TOTEM 16

KIDNEY I

Chairs: C. Koppelstaetter (Innsbruck, AUSTRIA),
J. Motiejunaite (Paris, FRANCE), M. Pac (Warsaw, POLAND)

- EP.16.01 ASSOCIATION BETWEEN BLOOD PRESSURE MEASUREMENTS AND VOLUME STATUS IN CHRONIC HEMODIALYSIS PATIENTS**
L. Varda, T. Petreski, N. Piko, R. Smogavec, S. Bevc, R. Ekart
Maribor (SLOVENIA)
- EP.16.02 ASSOCIATION BETWEEN RENAL FUNCTION RESERVE AND GFR CHANGE AT 2 YEARS IN HYPERTENSIVE VS NORMOTENSIVE PATIENTS.**
A. Damianaki, E. Stambolliu, K. Dimitriadis, K. Tsioufis,
D. Petras
Athens (GREECE)
- EP.16.03 ASSOCIATION BETWEEN VASCULAR BIOMARKERS, NT-PROBNP AND RENAL FUNCTION IN CHRONIC KIDNEY DISEASE, IGA NEPHROPATHY**
B. Sági, T. Vas, C. Gál, Z. Horváth-Szalai, T. Köszei, B. Csiky,
J. Nagy, T.J. Kovács
Pécs (HUNGARY)
- EP.16.04 ASSOCIATION OF DIALYSIS SHIFT WITH MORNING SURGE IN BLOOD PRESSURE AND DIPPING PATTERN**
M. Theodorakopoulou, F. Iatridi, A.G. Karagiannidis,
A. Georgiou, S. Manti, A. Karpetas, P. Anyfanti, E. Gavrilaki,
P. Sarafidis
Thessaloniki (GREECE)

EP.16.05

BLOOD PRESSURE CONTROL IN END STAGE KIDNEY PATIENTS TREATED WITH HEMODIALYSIS OR PERITONEAL DIALYSIS. RESULTS OF THE CASE-CONTROL STUDY

M. Adamczak, B. Czerwinska, D. Gojowy, A. Firczyk,
W. Wisniewska, A. Zelek, A. Wiecek
Katowice (POLAND)

EP.16.06

BLOOD PRESSURE VARIABILITY IN CKD PATIENTS WITH AND WITHOUT NOCTURNAL HYPERTENSION

A.G. Karagiannidis, M. Theodorakopoulou, F. Iatridi,
A. Georgiou, E. Karkamani, M. Schoina, S. Manti, E. Sampani,
K. Stavropoulos, P. Sarafidis
Thessaloniki (GREECE)

EP.16.07

CARBOXYPEPTIDASE M PROTECTS THE KIDNEY FROM HYPERTENSION-INDUCED INJURY IN MALE RATS

M. Bader, C. Zhang, E. Popova, M. Aydogdu, R. Langanki,
A. Rodrigues, F. Qadri
Berlin (GERMANY)

EP.16.08

CKD DETECTION IN PATIENTS ATTENDING ESH EXCELLENCE CENTERS: A PRELIMINARY REPORT FROM THE CKD-EXCELLENCE PROJECT IN GREECE

M. Doumas⁽¹⁾, G. Stergiou⁽²⁾, A. Kalias⁽²⁾, D. Konstantinidis⁽²⁾,
K. Thomopoulos⁽²⁾, R. Kalaitzidis⁽²⁾, D. Papadopoulos⁽²⁾,
K. Stavropoulos⁽¹⁾, E. Gkaliagkousi⁽¹⁾, I. Zarifis⁽¹⁾,
V. Liakopoulos⁽¹⁾, M. Poikilidou⁽¹⁾, C. Savopoulos⁽¹⁾,
A. Triantafyllou⁽¹⁾, M. Marketou⁽³⁾, I. Papadakis⁽³⁾,
D. Gourlis⁽⁴⁾, T. Makris⁽¹⁾, K. Tsioufis⁽¹⁾, C.-E. Project in
Greece^(1,2,3,4)

⁽¹⁾ Thessaloniki, ⁽²⁾ Athens, ⁽³⁾ Heraklion, ⁽⁴⁾ Ioannina (GREECE)



EP.16.09 **COMPARATIVE EFFICACY OF LOSARTAN
MONOTHERAPY AND ITS COMBINATIONS IN IGA
NEPHROPATHY-RELATED HYPERTENSION: A
SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS**

M.E. Haseeb ⁽¹⁾, H.E. Mohammed ⁽²⁾, M. Nasser ⁽¹⁾,
A.H. Heiba ⁽¹⁾, G. Hanen ⁽¹⁾, N.A.O. Abd Elaziz ⁽¹⁾
⁽¹⁾ Minia, ⁽²⁾ Assiut (EGYPT)

EP.16.10 **EVERYTHING IS OLD AND EVERYTHING IS NEW**

M.-M. Loghin-Turturica, A. Vaduva, A. Popescu, S. Botezatu,
A. Munteanu, A.-M. Demiras, L. Demiras
Bucharest (ROMANIA)

EP.16.11 **HEMODIALYSIS SESSION EFFECTS ON AUTONOMIC
NERVOUS SYSTEM FUNCTION: HEMODYNAMIC
RESPONSES AND BAROREFLEX SENSITIVITY**

E. Sampani ⁽¹⁾, A.G. Karagiannidis ⁽¹⁾, M. Theodorakopoulou ⁽¹⁾,
F. Iatridi ⁽¹⁾, D. Faitatzidou ⁽¹⁾, A. Koutlas ⁽²⁾, N. Haddad ⁽¹⁾,
P. Giamalis ⁽¹⁾, D. Sarridou ⁽¹⁾, K. Dipla ⁽²⁾, A. Zafeiridis ⁽²⁾,
P. Sarafidis ⁽¹⁾
⁽¹⁾ Thessaloniki, ⁽²⁾ Serres (GREECE)

EP.16.12 **HYPERTENSION IN NUMBERS FOR PATIENTS
UNDERGOING PERITONEAL DIALYSIS IN A
SINGLE CENTER OF A TERTIARY HOSPITAL.**

E. Stambolliu, A. Kapota, P. Giannou, E. Stathopoulou,
D. Petras
Athens (GREECE)

EP.16.13 **HYPERTENSION PREVALENCE AMONG PATIENTS WITH
GLOMERULAR DISEASES AND ITS ASSOCIATION WITH
KIDNEY OUTCOMES AT 1 YEAR POST TREATMENT:
A SINGE CENTER EXPERIENCE**

E. Stambolliu, A. Damianaki, A. Chalkia, E. Stathopoulou,
D. Petras, P. Giannou
Athens (GREECE)



MODERATED E-POSTER SESSION I7 - TOTEM I RISK FACTORS 3

Chair: I. Sokolovic Tahtovic (Sarajevo, BOSNIA AND HERZEGOVINA),
R. Sarzani (Ancona, ITALY)

- EP.17.01 LIFESTYLE AND TRADITIONAL CARDIOVASCULAR RISK FACTORS: A SURVEY IN THE URBAN BULGARIAN POPULATION**
I. Gruev, P. Petrova
Sofia (BULGARIA)
- EP.17.02 LONGER LEUCOCYTE TELOMERE LENGTH PROTECTS FROM ADVERSE CARDIOVASCULAR EFFECTS OF PROLONGED AIR POLLUTION EXPOSURE**
S. Toupance ⁽¹⁾, M. Sagris ⁽²⁾, P. Theofilis ⁽²⁾, E. Oikonomou ⁽²⁾,
B. Clerc ⁽¹⁾, C. Vlachopoulos ⁽²⁾, K. Tsioufis ⁽²⁾, A. Benetos ⁽¹⁾,
D. Tousoulis ⁽²⁾
⁽¹⁾ Nancy (FRANCE), ⁽²⁾ Athens (GREECE)
- EP.17.03 LOW DENSITY LIPOPROTEIN TARGET ACHIEVEMENT IN VERY HIGH AND EXTREME CARDIOVASCULAR RISK PATIENTS DURING A CARDIAC REHABILITATION PROGRAM**
A. Maloberti, B.P. Diri, M. Bellomare, C. Tognola, A. Shkodra,
M. Algeri, G. Brioschi, M. Campana, M. Le Van, V. Colombo,
M. Catarinacci, F. Brucato, C. Giannattasio
Milan (ITALY)
- EP.17.04 LOW URIC ACID CLEARANCE PREDICTS INCREASED CARDIOVASCULAR MORTALITY IN NORMOURECEMIC PERITONEAL DIALYSIS PATIENTS**
N. Stepanova ⁽¹⁾, L. Snisar ⁽¹⁾, K. Rusyn ⁽²⁾
⁽¹⁾ Kyiv, ⁽²⁾ Lviv (UKRAINE)

- EP.17.05 METHODS FOR ASSESSING TOTAL CARDIOVASCULAR RISK AND PREDICTING CAROTID ATHEROSCLEROSIS IN PRIMARY PREVENTION**
A. Komnianou, A. Menti, K. Kyriakoulis, P. Stathopoulou,
V. Ntousopoulos, P. Lempidaki, E. Ntaskagianni, G. Stergiou,
A. Kollias
Athens (GREECE)
- EP.17.06 MULTIVARIATE RISK ANALYSIS OF HIGH MORTALITY FROM HEART FAILURE IN PATIENTS WITH ARTERIAL HYPERTENSION AND SARS-COV-2 PNEUMONIA**
E. Zbyshevskaia, T. Makeeva, F. Talibov, M. Mayer
St. Petersburg (RUSSIA)
- EP.17.07 NATIONWIDE COMPREHENSIVE HEALTH PROTECTION SCREENING PROGRAM IN HUNGARY - RESULTS OF THE PAST 15 YEARS**
I. Barna ⁽¹⁾, T. Daiki ⁽¹⁾, E. Kékes ⁽²⁾, E. Halmy ⁽¹⁾, G. Dankovics ⁽²⁾
⁽¹⁾ Budapest, ⁽²⁾ Pécs, ⁽³⁾ Szentendre (HUNGARY)
- EP.17.08 NOISE AND ARTERIAL HYPERTENSION. A NOISY RISK FACTOR FOR THE SILENT KILLER DISEASE.**
E. Sanidas, P.-T. Koliotsis, D. Papadopoulos, M. Velliou,
M. Papadopoulou, C. Thomopoulos
Athens (GREECE)
- EP.17.09 OBESITY AND CARDIOVASCULAR RISK FACTORS: IMPLICATIONS FOR STROKE AND ACUTE MYOCARDIAL INFARCTION**
A.H. Naddaf Duarte, P. Lima, B. Castanheira, E. Pirtac,
F. Delerue
Almada (PORTUGAL)



- EP.17.10** **PREDICTIVE VALUE OF SYSTEMIC INFLAMMATORY RESPONSE INDEX FOR CARDIAC MORTALITY AND CARDIOVASCULAR DISEASES IN GOUT PATIENTS: INSIGHTS FROM NHANES DATA**
X. Li, H. Miao, Z. Zhou, Z. Yin, Y. Zhang
Beijing (CHINA)
- EP.17.11** **PREVALENCE OF CARDIOVASCULAR RISK FACTORS AMONG YOUNG PATIENTS WITH MYOCARDIAL INFARCTION**
D. Nurkina⁽¹⁾, L. Zhussupbekova⁽¹⁾, M. Baimuratova⁽¹⁾, T. Janpaizov⁽²⁾, Y. Akhmetov⁽¹⁾
⁽¹⁾ Astana, ⁽²⁾ Almaty (KAZAKHSTAN)
- EP.17.12** **PROGNOSTIC SIGNIFICANCE OF THE HOMOCYSTEINE LEVELS IN THE INCIDENCE OF MAJOR CARDIOVASCULAR EVENTS.**
A. Karamanou, M. Papavasileiou, G. Moustakas, D. Aravantinos
Athens (GREECE)
- EP.17.13** **PROLONGED EXPOSURE TO COMBAT-RELATED STRESS AND ARTERIAL HYPERTENSION IN CROATIAN MILITARY VETERANS**
E. Catic Cuti⁽¹⁾, L. Cuti⁽¹⁾, I. Kovacevic⁽²⁾
⁽¹⁾ Zagreb (CROATIA), ⁽²⁾ Miami, FL (USA)
- EP.17.14** **PULSE WAVE VELOCITY PROGRESSION DETERMINANTS: NO SIGNIFICANT ASSOCIATION WITH NOVEL LIPID PARAMETERS**
I. Garofani, C. Tognola, M. Morelli, A. Shkodra, G. Toscani, M. Algeri, M. Bellomare, M. Le Van, V. Colombo, C. Giannattasio, A. Maloberti
Milan (ITALY)
- EP.17.15** **REGIONAL DISPARITIES IN HYPERTENSION PREVALENCE BETWEEN URBAN AND RURAL AREAS: ASSOCIATION WITH SOCIOECONOMIC STATUS**
D.-H. Cho, S.H. Kang
Seoul (SOUTH KOREA)

MODERATED E-POSTER SESSION 18 - TOTEM 2

BP MEASUREMENT/MONITORING 2

Chairs: A. De La Sierra (Terrassa, SPAIN),
 K. Kyriakoulis (Athens, GREECE)

- EP.18.01** **DIGIT PREFERENCE OF SYSTOLIC OR DIASTOLIC BLOOD PRESSURE AND THE ASSOCIATION WITH CARDIOVASCULAR EVENTS IN PATIENTS WITH TREATED HYPERTENSION IN PRIMARY CARE**
N. Anders⁽¹⁾, S. Linus⁽²⁾, C. Axel C^(1,3), B. Kristina Bengtsson^(4,2), H. Per^(4,2), L. Charlotta⁽²⁾, Q. Miriam⁽⁵⁾, W. Per⁽¹⁾, K. Thomas⁽³⁾, H. Jan^(1,3)
⁽¹⁾ Solna, ⁽²⁾ Gothenburg, ⁽³⁾ Stockholm, ⁽⁴⁾ Region Västra Götaland, ⁽⁵⁾ Uppsala (SWEDEN)
- EP.18.02** **DISCREPANCY BETWEEN STANDARD AND SELF-MONITORED BLOOD PRESSURE VALUES IN PATIENTS HOSPITALIZED WITH DECOMPENSATED HEART FAILURE**
B.I. Komilova⁽¹⁾, E. Lapshina⁽²⁾, A. Zenkina⁽²⁾, A. Lapshin⁽²⁾, S. Galochkin⁽²⁾, E. Troitskaya⁽²⁾, Z. Kobalava⁽²⁾
⁽¹⁾ Dushanbe (TAJIKISTAN), ⁽²⁾ Moscow (RUSSIA)
- EP.18.03** **DOES NOCTURNAL BLOOD PRESSURE MATTER IN RETINAL SMALL VESSELS? A META-ANALYSIS OF THE LITERATURE**
C. Antza, S. Palaska, P. Anyfanti, D. Triantis, S. Fyntrilakis, Y.Z. Sener, V. Kotsis
Thessaloniki (GREECE)
- EP.18.04** **EFFECT OF LONG-TERM BLOOD PRESSURE VARIABILITY ON THE FUTURE DEVELOPMENT OF CHRONIC KIDNEY DISEASE: THE KOREAN NATIONAL INSURANCE HEALTH CHECKUP STUDY**
J.-H. Park, J.O. Jeong, S.-K. Ahn
Daejeon (SOUTH KOREA)



EP.18.05 EFFECT OF MUSIC ON HOME BLOOD PRESSURE SELF-MEASUREMENTS: A PRAGMATIC PILOT CLINICAL TRIAL

E. Vinyoles ⁽¹⁾, P. Donatiu ⁽¹⁾, M. Tafalla ⁽¹⁾, M. Pelegrin ⁽¹⁾,
M. Vanrell ⁽¹⁾, N. Soldevila ⁽¹⁾, A. Giralt ⁽¹⁾, M. Gibrat ⁽¹⁾,
J. Juan ⁽²⁾, E. Navas ⁽²⁾
⁽¹⁾ Sant Adrià de Besòs, ⁽²⁾ Barcelona (SPAIN)

EP.18.06 ESTIMATED PULSE WAVE VELOCITY AS A INDEPENDANT GLOBAL CARDIOVASCULAR RISK STRATIFICATION TOOL IN HYPERTENSIVE PATIENTS

T. Aguiar, C. Costa, I. Cruz, S. Carvalho, A. Pacheco,
I. Pinheiro, J. Bastos
Aveiro (PORTUGAL)

EP.18.07 ESTIMATION OF MEAN BLOOD PRESSURE BY THE CONVENTIONAL FORMULA, COMPARED WITH THAT OBTAINED WITH THE CALCULATION TAKING ACCOUNT THE DURATION OF EJECTION TIME AND CARDIAC CYCLE

J.A. Octavio ^(1,2), B. Azpurua ⁽¹⁾, P. Amair ⁽¹⁾, T. Pineda ⁽¹⁾,
Z. Bello ⁽¹⁾, C. Esis ⁽²⁾, E. Silva ⁽²⁾, G. Parati ⁽³⁾
⁽¹⁾ Caracas, ⁽²⁾ Maracaibo (VENEZUELA), ⁽³⁾ Milan (ITALY)

EP.18.08 EVALUATING THE EFFECTIVENESS OF RADIOFREQUENCY RENAL DENERVATION IN HYPERTENSION USING CONTINUOUS CUFFLESS BLOOD PRESSURE MONITORING: A LANDMARK CASE STUDY

T. Almeida, B. Thompson, D. Perruchoud, J. Sola, J. Shah,
G. Wuerzner
Neuchâtel (SWITZERLAND)

EP.18.09 FACTORS AFFECTING HOSPITAL INPATIENT BLOOD PRESSURE MEASUREMENT AS RANKED BY A DELPHI SURVEY

A. Gallagher, B. Smyth ^(1,2), M. Brown ^(1,3), G. Mangos ^(1,3),
M. Jardine ^(2,4)
⁽¹⁾ Kogarah, ⁽²⁾ Camperdown, ⁽³⁾ Sydney, ⁽⁴⁾ Concord
(AUSTRALIA)

EP.18.10 FEASIBILITY OF PERFECT 24-HOUR BP CONTROL IN ELDERLY FROM HI-JAMP STUDY

M. Nishizawa ⁽¹⁾, S. Hoshide ⁽²⁾, K. Kario ⁽²⁾
⁽¹⁾ Miyagi, ⁽²⁾ Tochigi (JAPAN)

EP.18.11 HEART RATE VARIABILITY IN WOMEN WITH DIFFERENT PHENOTYPES OF ARTERIAL HYPERTENSION: A COMPARATIVE ANALYSIS

T.d.A. Rubio ⁽¹⁾, J.R. Uyemura ⁽²⁾, M.F. Godoy ⁽²⁾, R.C. Barbosa ⁽²⁾,
L. Lorenz ⁽²⁾, T.P. Minari ⁽²⁾, J.E. Tanus-Santos ⁽³⁾,
J.F. Vilela-Martin ⁽²⁾, J.C. Yugar-Toledo ⁽²⁾, H. Moreno ⁽¹⁾
⁽¹⁾ Campinas, ⁽²⁾ São José do Rio Preto, ⁽³⁾ Ribeirão Preto (BRAZIL)

EP.18.12 HIGH PREVALENCE OF NON-DIPPER AND REVERSE DIPPER PATTERN AMONG THE HUNGARIAN POPULATION ACCORDING TO THE NATIONWIDE ABPM REGISTRY

D.T. Pásztor ⁽¹⁾, J. Takács ⁽¹⁾, J. Nemcsik ⁽¹⁾, Z. Kekk ⁽¹⁾,
P. Torzsa ⁽¹⁾, D. Páll ⁽²⁾, Á. Koller ⁽¹⁾, Z. Járαι ⁽¹⁾
⁽¹⁾ Budapest, ⁽²⁾ Debrecen (HUNGARY)



EP.18.13

HOME BLOOD PRESSURE IS AN INDEPENDENT PREDICTOR OF ALL-CAUSE MORTALITY IN HEMODIALYSIS PATIENTS: A PROSPECTIVE OBSERVATIONAL STUDY

I. Kontogiorgos ⁽¹⁾, K. Leonidou ⁽¹⁾, N. Tsikliras ⁽²⁾, A. Karpetas ⁽¹⁾, C. Kourtidou ⁽¹⁾, V. Vaios ⁽¹⁾, A. Karligkiotis ⁽¹⁾, K. Leivaditis ⁽¹⁾, V. Liakopoulos ⁽¹⁾, P. Georgianos ⁽¹⁾
⁽¹⁾ Thessaloniki, ⁽²⁾ Xanthi (GREECE)

EP.18.14

HOME BLOOD PRESSURE MONITORING IN PATIENTS WITH UNCONTROLLED HYPERTENSION: RANDOMIZED CLINICAL TRIAL

A.F. da Silva ⁽¹⁾, N. Albuquerque ⁽²⁾, A.C. Silva de Brito ⁽¹⁾, V. Caetano Rodrigues ⁽¹⁾, R. Chaves Cruz ⁽¹⁾, N. Gevázio ⁽¹⁾, M. Gomes Alexandre ⁽¹⁾, T. Leite Araujo ⁽¹⁾
⁽¹⁾ Fortaleza, ⁽²⁾ Redencao (BRASIL)

EP.18.15

HOURLY ENGAGEMENT PATTERNS IDENTIFICATION WITH A WEARABLE BLOOD PRESSURE MONITOR

T. Almeida ⁽¹⁾, D. Perruchoud ⁽¹⁾, J. Zahn ⁽²⁾, J. Sola ⁽¹⁾, J. Shah ⁽¹⁾, G. Wuerzner ⁽¹⁾
⁽¹⁾ Neuchâtel, ⁽²⁾ Lausanne (SWITZERLAND)

EP.18.16

HYPERTENSION SCREENING IN SWEDISH PRIMARY HEALTHCARE: RESULTS FROM A HEALTH UTILIZATION COHORT

H. Gudjonsdottir, B. Brynedal
 Stockholm (SWEDEN)

MODERATED E-POSTER SESSION 19 - TOTEM 3

BP MEASUREMENT/MONITORING 3

Chairs: T.L. Bothe (Berlin, GERMANY), S. Stabouli (Thessaloniki, GREECE)

EP.19.01

HYPERTENSION-RELATED SYMPTOMS: REAL LIFE DATA FROM THE HY-RESULT WEB-APPLICATION

N. Gebara ⁽¹⁾, N. Postel-Vinay ⁽¹⁾, B. Pariente ⁽¹⁾, J.B. de Fremerville ⁽²⁾, L. Amar ⁽¹⁾
⁽¹⁾ Paris, ⁽²⁾ Tours (FRANCE)

EP.19.02

IMPACT OF EXERCISE ON SHORT-TERM BLOOD PRESSURE VARIABILITY: A NETWORK META-ANALYSIS OF CLINICAL TRIALS

Z. Hao, J. Tran, A. Lam, K. Yiu, K. Tsoi
 Hong Kong (HONG KONG SAR, CHINA)

EP.19.03

IMPACT OF HOME BLOOD PRESSURE MONITORING ON TREATMENT ADHERENCE IN PATIENTS WITH UNCONTROLLED HYPERTENSION

A.F. da Silva, N. Albuquerque, A.C. Silva de Brito, V. Caetano Rodrigues, R. Chaves Cruz, N. Gevázio, M. Gomes Alexandre, T. Leite Araújo
 Fortaleza (BRAZIL)

EP.19.04

IMPACT OF SNORING DISORDER ON 24-HOUR BLOOD PRESSURE VARIABILITY AND NOCTURNAL DIPPING IN HYPERTENSIVE ADULTS

K. Derbel, S. Rouatbi, F. Chaieb
 Sousse (TUNISIA)

EP.19.05

INFLUENCE OF HOME BLOOD PRESSURE MONITORING AND EDUCATIONAL INTERVENTIONS ON HYPERTENSION CONTROL IN SLOVAKIA: INSIGHTS FROM PROJECT CHARTER 70/2023

A. Vachulova ⁽¹⁾, R. Sidlo ⁽¹⁾, A. Simkova ⁽²⁾
⁽¹⁾ Bratislava, ⁽²⁾ Pezinok (SLOVAK REPUBLIC)



EP.19.06 LOW AGREEMENT BETWEEN HOME BLOOD PRESSURE MONITORING AND 24-HOUR AMBULATORY MONITORING IN RESISTANT HYPERTENSION: THE MERCURY STUDY.

R. Ferreira e Bringel, O. Passarelli, M. Goncalves de Sousa, F. Marciano Consolim Colombo, J. Batista Souza, F. Yue Cesena, R. Muylaert de Carvalho, B. Pomárico de Oliveira, B. Fernandes Arruda, M. Carvalho Gianninni, C. David Oliveira, B. Noschang Blaas, A. Gabriele Laurinavicius
São Paulo (BRAZIL)

EP.19.07 LOWERING OF HOME BLOOD PRESSURE DIAGNOSIS THRESHOLDS TO 130/80 MMHG: IMPROVING DIAGNOSIS ACCURACY FOR HYPERTENSION

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

EP.19.08 MACHINE LEARNING BASED BLOOD PRESSURE ESTIMATION USING IMPEDANCE CARDIOGRAPHY DATA: PROOF-OF-CONCEPT AS AN ALTERNATIVE FOR NON-INVASIVE, CONTINUOUS BLOOD PRESSURE MONITORING

T.L. Bothe⁽¹⁾, A. Patzak⁽¹⁾, V. Heinz⁽¹⁾, N. Pilz⁽²⁾
⁽¹⁾ Berlin, ⁽²⁾ Hannover (GERMANY)

EP.19.09 MAY MEASURE MONTH 2024 IN ITALY: A FOCUS ON ELEVATED AND NON ELEVATED BLOOD PRESSURE BP IN A NATIONWIDE SURVEY

M.L. Muiesan⁽¹⁾, A. Virdis⁽²⁾, G. Grassi⁽³⁾, C. Ferri⁽⁴⁾, F. Veglio⁽⁵⁾
⁽¹⁾ Brescia, ⁽²⁾ Pisa, ⁽³⁾ Monza, ⁽⁴⁾ L'Aquila, ⁽⁵⁾ Turin (ITALY)

EP.19.10 MAY MEASUREMENT MONTH 2023: RESULTS FROM THE GLOBAL BLOOD PRESSURE SCREENING CAMPAIGN

G. Kerr⁽¹⁾, T. Beaney⁽¹⁾, M. Schlaich⁽²⁾, A. Schutte^(3,4), G. Stergiou⁽⁵⁾, N. Poulter⁽¹⁾
⁽¹⁾ London (UNITED KINGDOM), ⁽²⁾ Perth, ⁽³⁾ Sydney (AUSTRALIA), ⁽⁴⁾ Potchefstroom (SOUTH AFRICA), ⁽⁵⁾ Athens (GREECE)

EP.19.11 NEED TO TAKE ACTION FOR HYPERTENSION: A SURVEY ON THE PRACTICES OF PRIMARY CARE PHYSICIANS TOWARDS BLOOD PRESSURE MEASUREMENT IN GREECE

N. Evangelidis⁽¹⁾, E. Smyrnakis⁽¹⁾, I. Staikos⁽¹⁾, V. Gkolias^(1,2), S. Ouzouni⁽¹⁾, S. Tsotoulidis^(1,3), M. Gavana⁽¹⁾, A.B. Haidich⁽¹⁾, M. Doumas⁽¹⁾, A. Triantafyllou⁽¹⁾
⁽¹⁾ Thessaloniki, ⁽²⁾ Serres, ⁽³⁾ Kassandra (GREECE)

EP.19.12 OPTIMAL HOME BLOOD PRESSURE MONITORING SCHEDULE IN PATIENTS WITH ATRIAL FIBRILLATION

V. Ntousopoulos, P. Lempidaki, D. Tsiachris, O. Katsarou, A. Marathonis, A. Menti, K. Kyriakoulis, A. Kollias, G. Stergiou
Athens (GREECE)

EP.19.13 ORTOSTATIC CHANGES OF BLOOD PRESSURE DURING MAY MEASUREMENT MONTH INITIATIVE IN BULGARIA

A. Postadzhiyan⁽¹⁾, Y. Yotov⁽²⁾, S. Tisheva⁽³⁾, F. Nikolov⁽⁴⁾, K. Ramshev⁽¹⁾
⁽¹⁾ Sofia, ⁽²⁾ Varna, ⁽³⁾ Pleven, ⁽⁴⁾ Plovdiv (BULGARIA)

EP.19.14 PERSON-LEVEL META-ANALYSIS OF AMBULATORY BLOOD PRESSURE THRESHOLDS IN 14 POPULATION COHORTS ACCORDING TO ESC GUIDELINES

D. Zhang, D. An, Y. Li, J. Staessen
Shanghai (CHINA)

EP.19.15 THE B-SCORE IS A NOVEL METRIC FOR MEASURING THE TRUE PERFORMANCE OF BLOOD PRESSURE ESTIMATION MODELS

T.L. Bothe, A. Patzak, N. Pilz
Berlin (GERMANY)



MODERATED E-POSTER SESSION 20 - TOTEM 4

EPIDEMIOLOGY 2

Chair: A. Cai (Guangzhou, CHINA)

EP.20.01 CONTROL OF ARTERIAL HYPERTENSION IN THE ELDERLY POLISH POPULATION ACCORDING TO THE ESH 2023 AND ESC 2024 RECOMMENDATIONS. RESULTS FROM THE POLSENIOR2 SURVEY.

P. Szczesny ⁽¹⁾, K. Jagiello ⁽¹⁾, L. Wierucki ⁽¹⁾, T. Grodzicki ⁽²⁾, A. Wiecek ⁽³⁾, T. Zdrojewski ⁽¹⁾
⁽¹⁾ Gdansk, ⁽²⁾ Kraków, ⁽³⁾ Katowice (POLAND)

EP.20.02 CORRELATION STUDY ON THE RELATIONSHIP BETWEEN AIR POLLUTANT LEVELS AND BLOOD PRESSURE VARIABILITY IN PATIENTS WITH ESSENTIAL HYPERTENSION

J. Liu ^(1,2), Y. Liu ⁽²⁾, X. Li ⁽²⁾, D. Li ⁽²⁾, J. Wang ⁽²⁾, F. Wang ⁽²⁾, S. Hu ⁽¹⁾, L. Tang ⁽²⁾
⁽¹⁾ Beijing, ⁽²⁾ Hebei (CHINA)

EP.20.03 DETERMINANTS OF BLOOD PRESSURE VARIABILITY IN 16,294 PARTICIPANTS DURING A SINGLE OCCASION: MAY MEASUREMENT MONTH IN GREECE

A. Menti ⁽¹⁾, A. Kollias ⁽¹⁾, H. Milionis ⁽²⁾, A. Lontos ⁽²⁾, E. Gkaliagkousi ⁽³⁾, C. Savopoulos ⁽⁴⁾, V. Kotsis ⁽³⁾, A. Triantafyllou ⁽³⁾, I. Zarifis ⁽³⁾, J. Papadakis ⁽⁴⁾, M. Marketou ⁽⁴⁾, X. Krokidis ⁽⁵⁾, S. Maragkoudakis ⁽⁶⁾, G. Nikitas ⁽⁷⁾, V. Sarakis ⁽⁸⁾, E. Makaris ⁽⁹⁾, D. Goumenos ⁽¹⁰⁾, E. Papachristoul ⁽³⁾, L. Lanaras ⁽¹¹⁾, G. Ntaios ⁽⁴⁾, C. Grassos ⁽¹²⁾, R. Kalaitzidis ⁽¹³⁾, M. Kallistratos ⁽¹³⁾, V. Katsi ⁽¹⁾, D. Konstantinidis ⁽¹⁾, K. Kyriakoulis ⁽¹⁾, T. Makris ⁽¹⁾, E. Manios ⁽¹⁾, A. Manolis ⁽¹³⁾, D. Papadopoulos ⁽¹⁾, A. Protogerou ⁽¹⁾, M. Theodorakopoulou ⁽³⁾, M. Pikilidou ⁽³⁾, P. Zebekakis ⁽³⁾, P. Sarafidis ⁽³⁾, K. Tsioufis ⁽¹⁾, M. Doumas ⁽³⁾, G. Stergioul ⁽¹⁾
⁽¹⁾ Athens, ⁽²⁾ Ioannina, ⁽³⁾ Thessaloniki, ⁽⁴⁾ Heraklion, ⁽⁵⁾ Kavala, ⁽⁶⁾ Chania, ⁽⁷⁾ Tripolis, ⁽⁸⁾ Volos, ⁽⁹⁾ Kalamata, ⁽¹⁰⁾ Patras, ⁽¹¹⁾ Lamia, ⁽¹²⁾ Kifisia, ⁽¹³⁾ Piraeus, ⁽¹⁷⁾ Piraeus (GREECE)

EP.20.04

DETERMINANTS OF HYPERTENSION TREATMENT IN FIRST-GENERATION CHINESE IMMIGRANTS

A. Pellegrino ⁽¹⁾, I. Vacirca ⁽¹⁾, C. Baccari ⁽¹⁾, M. Boddi ⁽¹⁾, M. Calabrese ⁽²⁾, L. Bonvicini ⁽³⁾, F. Venturelli ⁽³⁾, A. Petrelli ⁽⁴⁾, A. Di Napoli ⁽⁴⁾, M. Perticone ⁽⁵⁾, P. Giorgi Rossi ⁽³⁾, P.A. Modesti ⁽¹⁾
⁽¹⁾ Florence, ⁽²⁾ Prato, ⁽³⁾ Reggio Emilia, ⁽⁴⁾ Rome ⁽⁵⁾ Catanzaro (ITALY)

EP.20.05

EPIDEMIOLOGY: UNDERSTANDING DISEASE PATTERNS AND PUBLIC HEALTH

A.J. Munu ⁽¹⁾, A. Johnson ⁽²⁾, M. Smith ⁽³⁾, L. Nguyen ⁽⁴⁾, H. Tanaka ⁽⁵⁾, M. Gonzalez ⁽⁶⁾, A. Ibrahim ⁽⁷⁾, S. Dubois ⁽⁸⁾, C. Mendes ⁽⁹⁾, F. Sahr ⁽¹⁰⁾, P. Sharma ⁽⁹⁾, L. Rossi ⁽⁶⁾, J. Novak ⁽²⁾, C. Wei ⁽⁵⁾, F. Abdullah ⁽⁷⁾, J. Andersson ⁽⁶⁾, A. Kowaalska ⁽³⁾, E. Brown ⁽⁴⁾, I. Petrov ⁽⁸⁾, R. Santos ⁽⁹⁾
⁽¹⁾ Freetown (SIERRA LEONE), ⁽²⁾ New York, NY (USA), ⁽³⁾ London (UNITED KINGDOM), ⁽⁴⁾ Toronto (CANADA), ⁽⁵⁾ Tokyo (JAPAN), ⁽⁶⁾ Madrid (SPAIN), ⁽⁷⁾ Cairo (EGYPT), ⁽⁸⁾ Paris (FRANCE), ⁽⁹⁾ Lisbon (PORTUGAL), ⁽¹⁰⁾ Freetown (SIERRA LEONE)

EP.20.06

HYPERTENSION AS A CLINICAL PRESENTATION AND A RISK FACTOR IN PATIENTS WITH PULMONARY EMBOLISM

A.M. Popescu, A.C. Stratula, M.C. Grigore, I.T. Ionita, L. Demiras, A.M. Demiras, M.M. Gurzun, S.I. Dumitrescu, A.E. Munteanu
Bucharest (ROMANIA)



EP.20.07 HYPERTENSION SCREENING APPROACH FOR WOMEN FROM A DISADVANTAGED COMMUNITY IN FRANCE: ORGANIZATION OF CARE PATHWAYS AROUND VOLUNTEERING

M. Lopez -Sublet ⁽¹⁾, J. Manon ⁽²⁾, Y. Hilal Y. ⁽¹⁾,
P. Devos ⁽²⁾, C. Bieux ⁽¹⁾, S. Le Jeune ⁽¹⁾, A. Morabito ⁽¹⁾,
C. Soares ⁽¹⁾, M. Kabla ⁽¹⁾, B. Giroux Leprieur ⁽¹⁾, R. Dhote ⁽¹⁾,
M. Moysan ⁽¹⁾, C. Mounier -Vehier ⁽²⁾
⁽¹⁾ Bobigny, ⁽²⁾ Lille (FRANCE)

EP.20.08 IMPACT OF THE NUMBER OF BLOOD PRESSURE MEASUREMENTS ON A SINGLE OCCASION ON THE CLASSIFICATION AND CONTROL OF HYPERTENSION IN 16,294 INDIVIDUALS: MAY MEASUREMENT MONTH IN GREECE

A. Menti ⁽¹⁾, A. Kollias ⁽¹⁾, H. Millionis ⁽²⁾, A. Lontos ⁽²⁾,
E. Gkaliagkousi ⁽³⁾, C. Savopoulos ⁽³⁾, V. Kotsis ⁽³⁾,
A. Triantafyllou ⁽³⁾, I. Zarifis ⁽³⁾, J. Papadakis ⁽⁴⁾,
M. Marketou ⁽⁴⁾, X. Krokidis ⁽⁵⁾, S. Maragkoudakis ⁽⁶⁾,
G. Nikitas ⁽⁷⁾, V. Sarakis ⁽⁸⁾, E. Makaris ⁽⁹⁾, D. Goumenos ⁽¹⁰⁾,
E. Papachristou ⁽¹⁰⁾, L. Lanaras ⁽¹¹⁾, G. Ntaios ⁽⁴⁾, C. Grassos ⁽¹²⁾,
R. Kalaitzidis ⁽¹³⁾, M. Kallistratos ⁽¹³⁾, V. Katsi ⁽¹⁾,
D. Konstantinidis ⁽¹⁾, K. Kyriakoulis ⁽¹⁾, T. Makris ⁽¹⁾,
E. Manios ⁽¹⁾, A. Manolis ⁽¹⁾, D. Papadopoulos ⁽¹⁾,
A. Protogerou ⁽¹⁾, M. Theodorakopoulou ⁽³⁾, M. Pikilidou ⁽³⁾,
P. Zebekakis ⁽³⁾, P. Sarafidis ⁽³⁾, K. Tsioufis ⁽¹⁾, M. Doumas ⁽³⁾,
G. Stergiou ⁽¹⁾
⁽¹⁾ Athens, ⁽²⁾ Ioannina, ⁽³⁾ Thessaloniki, ⁽⁴⁾ Heraklion,
⁽⁵⁾ Kavala, ⁽⁶⁾ Chania, ⁽⁷⁾ Tripolis, ⁽⁸⁾ Volos, ⁽⁹⁾ Kalamata,
⁽¹⁰⁾ Patras, ⁽¹¹⁾ Lamia, ⁽¹²⁾ Kifisia, ⁽¹³⁾ Piraeus,

EP.20.09 IMPLEMENTATION OF THE GUIDELINES FOR THE MANAGEMENT OF HYPERTENSION AMONG PATIENTS WITH ESTABLISHED CORONARY ARTERY DISEASE. RESULTS FROM THE POLASPIRE I AND II SURVEYS

P. Jankowski ⁽¹⁾, D. Koczwarska-Maciejek ⁽¹⁾, Z. Gasior ⁽²⁾,
D. Kosior ⁽¹⁾, A. Kubica ⁽³⁾, K. Kaminski ⁽⁴⁾, M. Burzynska ^(1, 5)
⁽¹⁾ Warsaw, ⁽²⁾ Katowice, ⁽³⁾ Bydgoszcz, ⁽⁴⁾ Bialystok, ⁽⁵⁾ Lodz
(POLAND)

EP.20.10 LIMITED PUBLIC UNDERSTANDING OF THE RISK FACTORS AND COMPLICATIONS OF HYPERTENSION

M. Zeng, R. Griffiths, S. Gnanenthiran, A. Schutte
Sydney (AUSTRALIA)

EP.20.11 LIPOPROTEIN(A) CONCENTRATION AND THE PRESENCE OF HYPERTENSION

M. Burzynska (1, 2), P. Jankowski ⁽²⁾, M. Babicki ⁽³⁾,
M. Banach ^(1, 4, 5), M. Chudzik ⁽²⁾
⁽¹⁾ Lodz, ⁽²⁾ Warsaw, ⁽³⁾ Wroclaw (POLAND), ⁽⁴⁾ Baltimore, MD
(USA), ⁽⁵⁾ Lublin (POLAND)

EP.20.12 MORTALITY ACCORDING TO CLINIC AND AMBULATORY BLOOD PRESSURE IN HYPERTENSIVES PATIENTS WITH NORMAL OR IMPAIRED KIDNEY FUNCTION

A. De la Sierra ⁽¹⁾, M. Gorostidi ⁽²⁾, M. Bohm ⁽³⁾, L. Ruilope ⁽⁴⁾,
N. Staplin ⁽⁵⁾, E. Vinyoles ⁽⁶⁾, J. Segura ⁽⁴⁾, B. Williams ⁽⁷⁾
⁽¹⁾ Terrassa, ⁽²⁾ Oviedo (SPAIN), ⁽³⁾ Saarbrücken (GERMANY),
⁽⁴⁾ Madrid (SPAIN), ⁽⁵⁾ Oxford (UNITED KINGDOM),
⁽⁶⁾ Barcelona (SPAIN), ⁽⁷⁾ London (UNITED KINGDOM)



MODERATED E-POSTER SESSION 21 - TOTEM 5 HEART 2

Chairs: C. Mancusi (Naples, ITALY), A.J. Manolis (Athens-Piraeus, GREECE)

EP.21.02 CORONARY ARTERY INVOLVEMENT IN FIBROMUSCULAR DYSPLASIA. THE ARCADIA-POL STUDY
M. Kruk ⁽¹⁾, K. Szkamruk ⁽¹⁾, D. Adlam ⁽²⁾, A. Persu ⁽³⁾, M. Pappaccogli ^(3,4), P. Van der Niepen ⁽³⁾, C. Kepka ⁽¹⁾, M. Januszewicz ⁽¹⁾, J. Pregowski ⁽¹⁾, J. Skowronski ⁽¹⁾, A. Aniszczuk-Hybiak ⁽²⁾, E. Warchol-Celinska ⁽¹⁾, A. Januszewicz ⁽²⁾
⁽¹⁾ Warsaw (POLAND), ⁽²⁾ New York, NY (USA), ⁽³⁾ Brussels (BELGIUM), ⁽⁴⁾ Turin (ITALY)

EP.21.03 EPICARDIAL FAT VOLUME AND TISSUE CHARACTERIZATION IN PATIENTS WITH PRIMARY ALDOSTERONISM
G. Rossitto, D. Bagordo, A. Lupi, G. Cabrelle, F. Crimi, E. Quaia, A. Pepe
Padua (ITALY)

EP.21.04 EPIDEMIOLOGY AND CLINICAL CHARACTERISTICS OF HEART FAILURE WITH PRESERVED EJECTION FRACTION IN HYPERTENSIVE PATIENTS OVER 60 YEARS OLD (HFPEF-HYPERTENSION)
E. Kallistratos ⁽¹⁾, D. Konstantinidis ⁽¹⁾, H. Triantafillidi ⁽¹⁾, C. Grassos ⁽¹⁾, S. Maragkoudakis ⁽¹⁾, I. Bostanitis ⁽²⁾, A. Manolis ⁽¹⁾, E. Sanidas ⁽¹⁾, V. Katsi ⁽¹⁾, D. Papadopoulos ⁽¹⁾, I. Zarifis ⁽⁶⁾, D. Benas ⁽¹⁾, G.K. Lilikaki ⁽¹⁾, M. Stathouloupoulou ⁽¹⁾, K. Papadomarkaki ⁽¹⁾, M. Divani ⁽¹⁾, K. Grigoriou ⁽¹⁾, K. Tsioufis ⁽¹⁾, G. Kochiadakis ⁽²⁾, M. Marketou ⁽²⁾
⁽¹⁾ Athens, ⁽²⁾ Thessaloniki, ⁽²⁾ Heraklion (GREECE)

EP.21.05 FROM STROKE TO DIAGNOSIS: A CASE OF LEFT VENTRICULAR NON-COMPACTION CARDIOMYOPATHY
K. Avetisyan, S. Ghumashyan, A. Nalbandyan
Yerevan (ARMENIA)

EP.21.06 HEART FAILURE WITH PRESERVED EJECTION FRACTION - THE VALUE OF SCREENING IN GENERAL POPULATION AND THE CHARACTERISTICS OF INDIVIDUALS: EHUH 2 STUDY
B. Mandaric ⁽¹⁾, M. Stupin ^(1,2), A. Trobonjaca ^(1,3), M. Lovric Bencic ⁽¹⁾, A. Belancic ^(1,4), B. Pezo ⁽¹⁾, I. Bitunjac ^(1,5), M. Marinovic Glavic ^(1,4), D. Lovric ⁽¹⁾, D. Fabijanic ^(1,6), I. Cepanec ⁽¹⁾, B. Kokic ⁽²⁾, M. Alagic ⁽¹⁾, A. Medunic ⁽¹⁾, H. Polanscak ⁽¹⁾, I. Ivankovic ⁽¹⁾, M. Mustedanagic ⁽¹⁾, S. Sliskovic ⁽¹⁾, I. Pecin ⁽¹⁾, B. Jelakovic ⁽¹⁾
⁽¹⁾ Zagreb, ⁽²⁾ Osijek, ⁽³⁾ Opatija, ⁽⁴⁾ Rijeka, ⁽⁵⁾ Slavonski Brod, ⁽⁶⁾ Split (CROATIA)

EP.21.07 INTERATRIAL SHUNT AS A KEY MODIFIER OF THE PROTECTIVE EFFECT ON HEART FAILURE DEVELOPMENT IN PATIENTS WITH HYPERTENSION
G.Y. Cho, J. Park, H.-M. Choi, I.-C. Hwang, Y. Yoon, H.-J. Bae
Seongnam (SOUTH KOREA)

EP.21.08 IS HOME-BASED CARDIAC REHABILITATION FOR PATIENTS WITH A LEFT VENTRICULAR EJECTION FRACTION <40 DIFFERENT FOR HYPERTENSIVE AND NON-HYPERTENSIVE PATIENTS?
C. Rebelo ⁽¹⁾, J. Bastos ⁽¹⁾, V. Afreixo ⁽¹⁾, A. Abreu ⁽²⁾
⁽¹⁾ Aveiro, ⁽²⁾ Lisboa (PORTUGAL)



EP.21.09

MODIFYING EFFECT OF HYPERTENSION AND BLOOD PRESSURE-LOWERING TREATMENT ON THE ASSOCIATION OF TYG AND OBESITY-RELATED INDICES WITH INCIDENT CARDIOVASCULAR DISEASE RISK

X. Luo, Q. Zhang, F. Fan, Y. Zhang, W. Hou, Y. Zhan, Y. Gong, B. Zheng, Y. Zhang
Beijing (CHINA)

EP.21.I0

PATTERN OF HYPERTENSIVE PATIENTS WITH LEFT VENTRICULAR EJECTION FRACTION < 40% AFTER CARDIAC REHABILITATION

C. Rebelo ⁽¹⁾, J. Bastos ⁽¹⁾, V. Afreixo ⁽¹⁾, A. Abreu ⁽²⁾
⁽¹⁾ Aveiro, ⁽²⁾ Lisboa (PORTUGAL)

EP.21.II

RELATIONSHIP BETWEEN AORTIC DIAMETERS AND CLINIC AND 24 HOURS BLOOD PRESSURE VALUES

F. Bertacchini, A. Paini, C. Aggiusti, D. Stassaldi, S. Capellini, R. Gatta, G. Buso, F. Poiatti, M.L. Muiesan, M. Salvetti
Brescia (ITALY)

MODERATED E-POSTER SESSION 22 - TOTEM 6

CLINICAL STUDIES 2

Chairs: A. Maloberti (Milan, ITALY), A. Virdis (Pisa, ITALY)

EP.22.01

EFFICACY AND SAFETY OF LOW-DOSE ANTIHYPERTENSIVE COMBINATION DRUGS INCLUDING AMLODIPINE, TELMISARTAN, AND CHLORTHALIDONE: A MULTICENTER, RANDOMIZED, DOUBLE-BLINDED, PARALLEL, PHASE

C. Park, J.O. Na
Seoul (SOUTH KOREA)

EP.22.02

EFFICACY AND SAFETY OF METOPROLOL+TELMISARTAN FDC IN ESSENTIAL HYPERTENSION: TREATMENT ON VARIABILITY INDEX AND SMOOTHNESS INDEX ANALYSES ASSESSED BY AMBULATORY BP MONITORING

P. Ahire ⁽¹⁾, K. Sharma ⁽²⁾, G. Chhaya ⁽²⁾, M. Chopda ⁽²⁾, U. Kaul ⁽³⁾, M. Agarwal ⁽²⁾, P. Dorairaj ⁽⁴⁾, S. Dharmadhikari ⁽¹⁾, P. Bharathi ⁽¹⁾, C. Khandhedra ⁽¹⁾, N. Markandeywar ⁽¹⁾, A. Mane ⁽¹⁾, S. Mehta ⁽¹⁾, S. Joglekar ⁽¹⁾
⁽¹⁾ Mumbai, ⁽²⁾ Ahmedabad, ⁽³⁾ New Delhi, ⁽⁴⁾ Chennai (INDIA)

EP.22.03

EPLERENONE VS IRBESARTAN AS FIRST LINE THERAPY IN OBESE HYPERTENSIVE PATIENTS: BASELINE CHARACTERISTICS FROM THE HEBRO TRIAL POPULATION

P. Iliakis, S. Droghkaris, M. Kouremeti, A. Sakalidis, E. Siafi, K. Kyriakoulis, F. Tatakis, M. Kariori, I. Kachrimanidis, E. Manta, G. Gompos, C. Fragkoulis, A. Kasiakogias, D. Konstantinidis, K. Dimitriadis, K. Tsioufis
Athens (GREECE)



EP.22.04 HAEMODYNAMICALLY-GUIDED SELECTION OF THERAPY IMPROVES BLOOD PRESSURE CONTROL EFFICIENTLY IN PRIMARY CARE
D. Romer⁽¹⁾, J. Cleland⁽²⁾, Z. Vered⁽³⁾, P. Sobotka⁽⁴⁾, I. Granov⁽⁵⁾, R. Kaiser⁽¹⁾, J. Froehlich⁽⁶⁾, M. Perez⁽⁶⁾, F. Colangelo⁽⁷⁾, R. Crossey⁽⁷⁾, M. Gearhardt⁽¹⁾, M. Bottorff⁽⁸⁾, A. Viera⁽⁹⁾
⁽¹⁾ Beavercreek, OH (USA), ⁽²⁾ Glasgow (UNITED KINGDOM), ⁽³⁾ Tel Aviv (ISRAEL), ⁽⁴⁾ Columbus (USA), ⁽⁵⁾ Ra'anana (ISRAEL), ⁽⁶⁾ Dayton, ⁽⁷⁾ Pittsburgh, PA, ⁽⁸⁾ Fort Wayne, IN, ⁽⁹⁾ Durham, NC (USA)

EP.22.05 HIGH APOLIPOPROTEIN B IS ASSOCIATED WITH HYPERTENSION IN PATIENTS WITHOUT CARDIOVASCULAR DISEASE
V.B. Halatiu, I.P. Rodean, T. Mihaila, E. Blindu, I. Benedek, T. Benedek
 Târgu Mures (ROMANIA)

EP.22.06 HYPERTENSION: A KEY FACTOR CONTRIBUTING TO MYOCARDIAL EDEMA IN POST-COVID PATIENTS REVEALED BY CARDIAC MRI
T. Mihaila, E. Blîndu, I.-P. Rodean, V.-B. Halatiu, I. Benedek, T. Benedek
 Târgu Mures (ROMANIA)

EP.22.07 IMPACT OF RENAL SYMPATHETIC DENERVATION ON RENAL FUNCTIONAL RESERVE IN HYPERTENSIVE PATIENTS - STUDY DESIGN AND PRELIMINARY DATA
S. Droghkaris, A. Mavroudis, F. Tatakis, V. Mantziaris, M. Stathouloupoulou, A. Sakalidis, D. Konstantinidis, K. Dimitriadis, K. Tsioufis
 Athens (GREECE)

EP.22.08 IN HOSPITAL DETECTION OF ELEVATED BLOOD PRESSURE (INDEBP TRIAL) - INTERIM ANALYSIS OF PROSPECTIVE COHORT: PREVALENCE OF HYPERTENSIVE AMBULATORY BLOOD PRESSURE
A. Vischer, K. Hausknecht, T. Socrates, M. Mayr, T. Breidhardt, T. Burkard
 Basel (SWITZERLAND)

EP.22.09 IN HOSPITAL DETECTION OF ELEVATED BLOOD PRESSURE (INDEBP) - INTERIM ANALYSIS OF PROSPECTIVE COHORT: IMPACT OF ADAPTION OF ANTIHYPERTENSIVES DURING HOSPITALIZATION ON BLOOD PRESSURE
A. Vischer, K. Hausknecht, T. Socrates, M. Mayr, T. Breidhardt, T. Burkard
 Basel (SWITZERLAND)

EP.22.10 INVESTIGATION OF ANY LATE POST COVID-19 DISEASE COMPLICATIONS REGARDING CARDIORESPIRATORY FUNCTION AND THROMBOTIC PREDISPOSITION OF NON-HOSPITALIZED HYPERTENSIVE PATIENTS
H. Triantafyllidi, D. Benas, D. Birmpa, A. Fambri, E. Kyriakou
 Athens (GREECE)



MODERATED E-POSTER SESSION 23 - TOTEM 7

ECHOCARDIOGRAPHY/HEART

Chairs: S. Masi (Pisa, ITALY), M. Tomaselli (Milan, ITALY)

EP.23.02 DIAGNOSTIC UTILITY OF ELECTROCARDIOGRAPHIC CRITERIA FOR IDENTIFYING LEFT VENTRICULAR HYPERTROPHY DEFINED BY ECHOCARDIOGRAPHY IN ADULTS WITH UNCOMPLICATED HYPERTENSION IN AFRICA

V. Nemtsova ⁽¹⁾, A. Vischer ⁽¹⁾, B. Blaise ⁽²⁾, M. Rohacek ⁽³⁾, J. Macko ⁽¹⁾, H. Mapesi ⁽³⁾, F. Vanobberghen ⁽¹⁾, A. Katende ⁽⁴⁾, R. Gupta ⁽²⁾, N.D. Labhardt ⁽¹⁾, M. Weisser ⁽¹⁾, T. Burkard ⁽¹⁾
⁽¹⁾ Basel (SWITZERLAND), ⁽²⁾ Maseru (LESOTHO), ⁽³⁾ Ifakara (TANZANIA), ⁽⁴⁾ Infakara (TANZANIA)

EP.23.03 EARLY LEFT VENTRICULAR DYSFUNCTION DETECTED WITH NEW ECHOCARDIOGRAPHIC PARAMETERS IN PATIENTS WITH ESSENTIAL HYPERTENSION

E. Cescutti ⁽¹⁾, P. Toritto ⁽¹⁾, A. Palomba ⁽¹⁾, L. Favarato ⁽¹⁾, S. Martina ⁽¹⁾, M. De Martino ⁽²⁾, D. Galzerano ⁽³⁾, L. Mos ⁽¹⁾, O. Vriz ⁽¹⁾
⁽¹⁾ San Daniele del Friuli, ⁽²⁾ Udine (ITALY), ⁽³⁾ Ryiad (SAUDI ARABIA)

EP.23.04 EXPLORING THE IMPACT OF ANGIOTENSIN-CONVERTING ENZYME (ACE) GENE POLYMORPHISM ON EARLY DIASTOLIC FUNCTION IN HYPERTENSION USING FOUR-DIMENSIONAL ECHOCARDIOGRAPHY

X. Cheng, Z. Zong, X. Mei, Y. Jiang, J. Shen, H. Jiang, H. Xu, Y. Zhou
 Suzhou (CHINA)

EP.23.05 HYPERTENSIVE BLOOD PRESSURE RESPONSE IN ABCDE STRESS ECHOCARDIOGRAPHY IN PATIENTS WITH CORONARY ARTERY DISEASE

D. Abdulloev ⁽¹⁾, G. Pavlikov ⁽²⁾, T. Timofeeva ⁽²⁾, A. Safarova ⁽³⁾, Z. Kobalava ⁽²⁾
⁽¹⁾ Dushanbe (TAJIKISTAN), ⁽²⁾ Moscow (RUSSIA), ⁽³⁾ Baku (AZERBAIJAN)

EP.23.06 INCIDENCE OF VARIANT HCM, ECHOCARDIOGRAPHIC CHARACTERISTICS AND CARDIOVASCULAR EVENTS: COMPARATIVE ANALYSIS WITH HCM.

H.S. Seo ⁽¹⁾, C.W. Goh ⁽²⁾, S.K. Ryu ⁽²⁾, S. Kim ⁽¹⁾
⁽¹⁾ Bucheon, ⁽²⁾ Seoul (SOUTH KOREA)

EP.23.07 INDICATOR OF BLOOD PRESSURE CONTROL "TIME IN TARGET RANGE" AND LEFT VENTRICLE HYPERTROPHY IN A 12-YEAR FOLLOW-UP OF POPULATION COHORT

A. Ryabikov, E. Mazdorova, Y. Palekhina, A. Direev, S. Malyutina
 Novosibirsk (RUSSIA)

EP.23.08 INFLUENCE OF ARTERIAL HYPERTENSION ON HEART RATE VARIABILITY AND ECHOCARDIOGRAPHIC PARAMETERS IN PATIENTS WITH ANGINA PECTORIS

V. Stoickov, M. Deljanin Ilic, I. Tasic, S. Kostic, F. Stoickov, D. Marinkovic, D. Simonovic, I. Stoickov, P. Nikolic
 Niš (SERBIA)

EP.23.09 PREDICTORS AND PROGNOSTIC VALUE OF HYPERTENSIVE BLOOD PRESSURE RESPONSE DURING STRESS ECHOCARDIOGRAPHY IN PATIENTS WITH HYPERTENSION.

D. Abdulloev ⁽¹⁾, G. Pavlikov ⁽²⁾, T. Timofeeva ⁽²⁾, A. Safarova ⁽³⁾, Z. Kobalava ⁽²⁾
⁽¹⁾ Dushanbe (TAJIKISTAN), ⁽²⁾ Moscow (RUSSIA), ⁽³⁾ Baku (AZERBAIJAN)



EP.23.10

PREVALENCE AND PATTERNS OF ABNORMAL ECHOCARDIOGRAM FINDINGS IN HYPERTENSION PATIENTS AT KING FAHAD GENERAL HOSPITAL IN JEDDAH, SAUDI ARABIA

A. Alzahrani, A. Alsolimani, M. Humayrran, W. Alghamdi
Jeddah (SAUDI ARABIA)

EP.23.11

RISK RECLASSIFICATION AND COST-EFFECTIVENESS OF ECHOCARDIOGRAPHY FOR CARDIOVASCULAR PRIMARY PREVENTION IN HYPERTENSION

A. Cai, Q. Cheng, Y. Feng
Guangzhou (CHINA)

EP.23.12

THE ASSOCIATION BETWEEN INTRAVENTRICULAR HAEMODYNAMIC FORCES, TRADITIONAL ECHOCARDIOGRAPHIC PARAMETERS AND VENTRICULAR-ARTERIAL COUPLING IN PATIENTS AT HIGH RISK FOR HEART FAILURE

H. Dalpiaz ⁽¹⁾, L. De Rosa ⁽¹⁾, A. Nobili ⁽¹⁾, N. De Biase ⁽¹⁾,
L. Giusti ⁽¹⁾, S. Piludu ⁽¹⁾, A. Pinna ⁽¹⁾, S. Armenia ⁽¹⁾, S. Buralli ⁽¹⁾,
S. Masi ⁽¹⁾, N.R. Pugliese ⁽¹⁾, A. Bacca ⁽¹⁾, G. Pedrizzetti ⁽²⁾,
S. Taddei ⁽¹⁾, F. Faita ⁽¹⁾, L. Ghiadoni ⁽¹⁾
⁽¹⁾ Pisa, ⁽²⁾ Trieste (ITALY)

MODERATED E-POSTER SESSION 24 - TOTEM 8

ARTIFICIAL INTELLIGENCE AND NEW TECHNOLOGIES

Chair: E. Tauro (Milan, ITALY)

EP.24.01

DIAGNOSTIC NETWORK FOR SECONDARY HYPERTENSION: INTEGRATING KNOWLEDGE, EXPERIENCE AND PREDICTIVE MODELS

A.F.R. Silva, F.M. Gonçalves
Lisbon (PORTUGAL)

EP.24.02

DO WE USE THE RESULTS OF AMBULATORY AND HOME BLOOD PRESSURE TELEMONITORING PROPERLY?

J. Muzik, J. Peleska, R. Camek, T. Aldaghi, M. Doksansky,
K. Hana, J. Vranka, D. Dolezil, P. Trnka, M. Jozifova
Prague (CZECH REPUBLIC)

EP.24.03

HYPERTENSION-RELATED ARTIFICIAL INTELLIGENCE PERCEPTIONS IN EASTERN MOROCCO

S. Ramdani, A. Yeznasni, N.E.H. Beenkaddour, I. Chergui,
I. Haddiya
Oujda (MOROCCO)

EP.24.04

IMPACT OF REMOTE MONITORING ON ENHANCING WELL-BEING AND REDUCING MEDICATION AND ORGAN DAMAGE IN HYPERTENSIVE PATIENTS

M.S. Marozzi, C. Francesco, G. Falcone, V. Desantis,
A. Vacca, S. Cicco
Bari (ITALY)

EP.24.05

PATIENT ENGAGEMENT IN A HYBRID CARE PATHWAY FOR HYPERTENSION: NOT ONE SIZE FITS ALL

V.S. Job ⁽¹⁾, V.-J. Iris ⁽²⁾, D.K. Stéphanie ⁽²⁾, V.H. Joyce ⁽²⁾,
D.J. Bianca ⁽¹⁾, D. Daan ⁽¹⁾
⁽¹⁾ Heerlen, ⁽²⁾ Rotterdam (THE NETHERLANDS)



- EP.24.06 PERSONALIZED CARDIOVASCULAR RISK STRATIFICATION IN YOUNG ADULTS IN ROMANIA USING ARTIFICIAL INTELLIGENCE**
L. Stanciulescu ⁽¹⁾, O. Gheorghe-Fronea ⁽¹⁾, L. Itu ⁽²⁾,
V. Verinceanu ⁽¹⁾, M. Dorobantu ⁽¹⁾
⁽¹⁾ Bucharest, ⁽²⁾ Brasov (ROMANIA)
- EP.24.07 PREREQUISITES FOR COST-EFFECTIVE HOME BLOOD PRESSURE MONITORING: INSIGHTS FROM AN EARLY HEALTH ECONOMIC MODEL ANALYSIS**
V.S. Job ⁽¹⁾, V.D. Pim ⁽²⁾, D. Daan ⁽¹⁾, B. Cornelis ^(1,2)
⁽¹⁾ Heerlen, ⁽²⁾ Groningen (THE NETHERLANDS)
- EP.24.08 ROLE OF CARDIOLOGY CLINICAL PHARMACY SPECIALIST AND TELEMEDICINE IN THE DIAGNOSIS AND MANAGEMENT OF HYPERTENSION IN PATIENTS WITH CANCER AT THE CARDIO-ONCOLOGY CLINIC**
I.F. Yaseen, H.A. Farhan
Baghdad (IRAQ)
- EP.24.09 TELEMEDICINE FOR HYPERTENSION MANAGEMENT: THE TELEMED-SI STUDY**
A. Kabaklic, P. Sinigoj, A. Vujanic, M. Kopac Sokic, M. Reisp,
M. Sluga, J. Brguljan Hitij
Ljubljana (SLOVENIA)
- EP.24.10 THE EFFECTIVENESS OF USING TELEMEDICINE IN PRIMARY SCHOOL CHILDREN WITH OVERWEIGHT OR OBESITY: A PILOT CLINICAL STUDY**
K. Tziotzi, X. Theodoridis, A. Papaemmanouil,
N. Papageorgiou, E. Vargiami, S. Stabouli
Thessaloniki (GREECE)
- EP.24.11 THE FUTURE OF AI IN HYPERTENSION**
I. Sokolovic Tahtovic
Sarajevo (BOSNIA AND HERZEGOVINA)

MODERATED E-POSTER SESSION 25 - TOTEM 9

HYPERTENSION IN PREGNANCY

Chairs: A.H.J. Danser (Rotterdam, THE NETHERLANDS),
P. Sinigoj (Ljubljana, SLOVENIA)

- EP.25.01 A CASE OF SECONDARY HYPERTENSION DIAGNOSED DURING PREGNANCY**
A. Pinna, S. Masi, M. Sgro', G. Mori Ubaldini, H. Dalpiaz,
M. Cuppari, L. Giusti, S. Taddei, A.V. Bacca
Pisa (ITALY)
- EP.25.02 ANALYSING OF THE RECOMMENDATIONS AND EVIDENCE INCLUDED IN THE ESC 2018 CARDIOVASCULAR DISEASES DURING PREGNANCY (MANAGEMENT OF) GUIDELINES (ESC-PREGNANCY-GL)**
A. Koller ^(1,2), J. Takács ⁽¹⁾
⁽¹⁾ Budapest (HUNGARY), ⁽²⁾ Valhalla, NY (USA)
- EP.25.03 ARTERIAL STIFFNESS IN PREECLAMPSIA AND GESTATIONAL DIABETES: A CASE-CONTROL STUDY**
L. Annesi, E. Angilletta, E. Montaguti, A. Baracchi, D. Cromi,
F. Ruscelli, S. Scarduelli, S. Vincenzi, A.M. Micciche,
G. Rusciano, L. Pieri, F. Rosi, G. Buccomino, C. Borghi,
D. Agnoletti, F. Piani
Bologna (ITALY)
- EP.25.04 BARRIERS WOMEN WITH ADVERSE PREGNANCY OUTCOMES FACE TO ACCESS FOLLOW-UP CARE POSTPARTUM**
V. Sari ⁽¹⁾, S. Fohleitner ⁽²⁾, S. Halmer (1, 2), S. Klee ⁽¹⁾,
C. Busvine ⁽²⁾, S. Schubert ⁽²⁾, B. Pfaller ^(1, 2)
⁽¹⁾ Krems, ⁽²⁾ St. Pölten (AUSTRIA)



EP.25.05 CLINICAL AND PROGNOSTIC SIGNIFICANCE OF NO LEVELS AND FMD TEST IN ENDOTHELIAL FUNCTION ASSESSMENT IN PREGNANT WOMEN WITH HYPERTENSION

M. Sadulloeva, F. Zakirova, A. Abdukhakimov,
S. Mukhamedova
Tashkent (UZBEKISTAN)

EP.25.06 HEALTHCARE PROVIDERS' AWARENESS AND MANAGEMENT OF CARDIOVASCULAR RISKS IN WOMEN WITH HYPERTENSIVE DISORDERS OF PREGNANCY AND GESTATIONAL DIABETES

S. Halmer ^(1,2), S. Fohleitner ^(2,1), F. Jutz ⁽²⁾, S. Klee ⁽²⁾,
C. Busvine ⁽²⁾, B. Wichert-Schmitt ⁽³⁾, S. Schubert ^(2,1),
B. Pfaller ^(1,2)
⁽¹⁾ St. Pölten, ⁽²⁾ Krems, ⁽³⁾ Linz (AUSTRIA)

EP.25.07 HOME BLOOD PRESSURE MEASUREMENT WITH TELETRANSMISSION FOR MONITORING HYPERTENSIVE PREGNANT WOMEN

T. Denolle ⁽¹⁾, V. Tsatsaris ⁽²⁾, F. Perrotin ⁽³⁾, A. Bouin ⁽¹⁾,
L. Ghesquiere ⁽⁴⁾, C. Rousseau ⁽⁵⁾
⁽¹⁾ Saint Malo, ⁽²⁾ Paris, ⁽³⁾ Tours, ⁽⁴⁾ Lille, ⁽⁵⁾ Rennes (FRANCE)

EP.25.08 HOW MANY ANTIHYPERTENSIVE DRUG SHOULD RECEIVE PREGNANT PATIENT WITH HYPERTENSION?

P. Sobieraj, E. Wojciechowska, P. Gryglas, M. Sinski,
J. Lewandowski
Warsaw (POLAND)

EP.25.09 IMPACT OF PRE-ECLAMPSIA ON PERSISTENT HYPERTENSION IN A LOW RESOURCED SETTING

E. Jones ⁽¹⁾, B. Davidson ⁽¹⁾, K. Bramham ⁽²⁾, K. Manning ⁽¹⁾,
B. Rayner ⁽¹⁾, N. Wearne ⁽¹⁾
⁽¹⁾ Cape Town (SOUTH AFRICA), ⁽²⁾ London (UNITED KINGDOM)

EP.25.10 MICROVASCULAR DYSFUNCTION IN PREECLAMPSIA AND GESTATIONAL DIABETES: A CASE-CONTROL STUDY

L. Annesi, E. Angilletta, E. Montaguti, A. Baracchi, D. Cromi,
F. Ruscelli, S. Scarduelli, S. Vincenzi, A.M. Micciche,
G. Rusciano, L. Pieri, F. Rosi, G. Buccomino, D. Agnoletti,
C. Borghi, F. Piani
Bologna (ITALY)

EP.25.11 PRE-ECLAMPSIA AND ANEURISMA, A DANGEROUS MIXTURE

C. Corberà Ferrando, N. Andreychuk, C. Gastón Martínez,
J.M. Martos Nogales, D. Ibarretxe Gerediaga,
A. Castro Salomó
Reus (SPAIN)

EP.25.12 TEMPORAL DYNAMICS OF CARDIOVASCULAR REMODELING DURING PREGNANCY IN WOMEN WITH HYPERTENSIVE DISORDERS AND GESTATIONAL DIABETES

F. Piani ⁽¹⁾, P. Sinigoj ⁽²⁾, J. Brguljan Hitij ⁽²⁾, N. Bozic Jese ⁽¹⁾,
R. Kosir Pogacnik ⁽²⁾, S. Imamovic Kumalic ⁽²⁾, J. Knez ⁽²⁾,
A. Vujanic ⁽²⁾, L. Annesi ⁽¹⁾, S. Vincenzi ⁽¹⁾, F. Ruscelli ⁽¹⁾,
D. Degli Esposti ⁽¹⁾
⁽¹⁾ Bologna (ITALY), ⁽²⁾ Ljubljana (SLOVENIA)



EP.25.I3 THE BASEL POSTPARTUM HYPERTENSION COHORT (BASEL-PPHT): BLOOD PRESSURE OUTCOMES AT THREE MONTHS POSTPARTUM CORRELATED TO FIRST TRIMESTER PREECLAMPSIA SCREENING RESULTS

T. Socrates, N. Strobel, L. Piattini, V. Vorster, S. Eichler, L. Hotz, C. Schumacher, M. Mayr, O. Lapaire, B. Mosimann, A. Vischer, T. Burkard
Basel (SWITZERLAND)

EP.25.I4 THE DIAGNOSIS OF HYPERTENSION DURING PREGNANCY CORRELATES WITH EARLY MENARCHE AND WORSENERD CARDIOVASCULAR DAMAGE

M.S. Marozzi, F. Corvasce, S. Persia, G.S. Falcone, F. Mancini, A. Vacca, S. Cicco
Bari (ITALY)

EP.25.I5 THE PLACENTAL ENDOCANNABINOID SYSTEM IN HEALTHY AND PREECLAMPTIC WOMEN: CONSEQUENCE OF CANNABIS USE DURING PREGNANCY

M. Harhangi⁽¹⁾, S. Simons⁽¹⁾, H. Bijma⁽¹⁾, A. Nguyen⁽²⁾, T.V. Nguyen⁽²⁾, T. Kaitu'u-Lino⁽²⁾, I. Reiss⁽¹⁾, J. Danser⁽¹⁾, M. Broekhuizen⁽¹⁾
⁽¹⁾ Rotterdam (THE NETHERLANDS), ⁽²⁾ Melbourne (AUSTRALIA)

EP.25.I6 THE PRECAREFEM COHORT: CARDIOVASCULAR AND METABOLIC CHARACTERISTICS IN WOMEN WITH ADVERSE PREGNANCY OUTCOMES WITH A FOCUS ON HYPERTENSIVE DISORDERS OF PREGNANCY AND THEIR OFFSPRING

B. Pfaller (1, 2), S. Halmer (1, 2), C. Busvine⁽²⁾, S. Klee⁽²⁾, M. Renner-Sebek⁽¹⁾, M. Wiesholzer^(1,2), S. Schubert⁽¹⁾, T. Eiwegger^(2,3,1)
⁽¹⁾ St. Pölten, ⁽²⁾ Krems (AUSTRIA), ⁽³⁾ Toronto (CANADA)

MODERATED E-POSTER SESSION 26 - TOTEM 10

DEVICE BASED TREATMENT AND RESISTANT HYPERTENSION

Chairs: J. Spaak (Stockholm, SWEDEN),
M. Stathouloupoulou (Athens, GREECE)

EP.26.01 A CLOSED-LOOP ANTIHYPERTENSIVE DRUG-DELIVERY SYSTEM FOR MANAGEMENT OF HYPERTENSION AND BLOOD PRESSURE VARIABILITY

J. Curneen⁽¹⁾, J. ODwyer⁽¹⁾, D. Graham⁽²⁾, C. Judge⁽¹⁾, S.A. Cryan⁽³⁾, G.P. Duffy⁽¹⁾
⁽¹⁾ Galway (IRELAND), ⁽²⁾ Glasgow (UNITED KINGDOM), ⁽³⁾ Dublin (IRELAND)

EP.26.02 A NOVEL DEVICE FOR NERVE IMAGING DURING ULTRASONOGRAPHIC RENAL DENERVATION PROCEDURE- PRELIMINARY RESULTS OF ANIMAL STUDY

A. Leiba⁽¹⁾, V. Rapoport⁽¹⁾, A. Rubissa⁽²⁾
⁽¹⁾ Ashdod, ⁽²⁾ North District (ISRAEL)

EP.26.03 EFFECT OF RENAL DENERVATION ON PLASMA RENALASE CONCENTRATION IN PATIENTS WITH RESISTANT ARTERIAL HYPERTENSION

M. Adamczak, B. Czerwienka, M. Lelek, D. Gojowy, K. Mizia-Stec, A. Wiecek
Katowice (POLAND)



- EP.26.04** **EPIDEMIOLOGY AND CLINICAL BURDEN OF DISEASE AMONG UNCONTROLLED AND TREATMENT-RESISTANT HYPERTENSION PATIENTS: A SYSTEMATIC LITERATURE REVIEW**
R.S. Taylor ⁽¹⁾, E. Coto ⁽²⁾, K. Chan ⁽³⁾, J.J. Garcia Sanchez ⁽⁴⁾, J. Chen ⁽²⁾, H. Hill ⁽⁵⁾
⁽¹⁾ Glasgow (UNITED KINGDOM), ⁽²⁾ Gaithersburg, MD (USA), ⁽³⁾ London (UNITED KINGDOM), ⁽⁴⁾ Barcelona (SPAIN), ⁽⁵⁾ Sheffield (UNITED KINGDOM)
- EP.26.05** **INADEQUATELY CONTROLLED HYPERTENSION – PATIENT PROFILES IN GERMANY AND SPAIN: INSIGHTS FROM THE ENLIGHTEN STUDY**
J. Weil ⁽¹⁾, S. Adamsson Eryd ⁽²⁾, T. Norris ⁽²⁾, E. Coto ⁽³⁾, C. Suarez Fernandez ⁽⁴⁾
⁽¹⁾ Lübeck (GERMANY), ⁽²⁾ Gothenburg (SWEDEN), ⁽³⁾ Gaithersburg, MD (USA), ⁽⁴⁾ Madrid (SPAIN)
- EP.26.06** **LONG-TERM PROGNOSIS OF PATIENTS WHO HAVE PERFORMED RENAL DENERVATION USING TWO TYPE DEVICES WITHOUT CHANGING THEIR ANTI-HYPERTENSIVES**
K. Okamura ⁽¹⁾, H. Shimada ⁽²⁾, I. Imamura ⁽¹⁾, S.-i. Miura ⁽³⁾, H. Urata ⁽²⁾
⁽¹⁾ Tosu, ⁽²⁾ Chikushino, ⁽³⁾ Fukuoka (JAPAN)
- EP.26.07** **PATIENT PREFERENCE FOR ULTRASOUND RENAL DENERVATION AS A TREATMENT OPTION FOR HYPERTENSION: A PROSPECTIVE PATIENT PREFERENCE SURVEY STUDY**
M. Saxena, S. Antoniou, A. Balawon, F.J. He, M.J. Caulfield
London (UNITED KINGDOM)

- EP.26.08** **PREVALENCE AND CHARACTERISTICS OF RESISTANT HYPERTENSION. EHUH 2 STUDY**
Z. BEGIC ⁽¹⁾, A. Jelakovic ⁽¹⁾, L. Prgomet ⁽¹⁾, A. Belancic ⁽¹⁾, J. Josipovic ^(1,2), M. Marinovic Glavic ⁽¹⁾, M. Domislovic ⁽¹⁾, L. Gellineo ⁽¹⁾, D. Radulovic ⁽¹⁾, V. Prelevic ⁽¹⁾, M. Fucek ⁽¹⁾, T. Zeljkovic Vrkic ⁽¹⁾, M. Zivko ⁽¹⁾, K. Barisic ⁽¹⁾, B. Jelakovic ⁽¹⁾
⁽¹⁾ Zagreb, ⁽²⁾ Rijeka (CROATIA)
- EP.26.09** **RELIGIOSITY AND MEDICATION ADHERENCE IN INDIVIDUALS WITH RESISTANT HYPERTENSION: THE SOUL STUDY**
K. Kaczam, M. Sousa, F. Cesena, F. Colombo, J. Jonathan, C. Ribeiro, M. Borba, A. Laurinavicius
São Paulo (BRAZIL)
- EP.26.10** **RENAL DENERVATION IMPROVES NOVEL BIOMARKERS OF INFLAMMATION, ATHEROGENESIS AND METABOLIC DISTURBANCES IN PATIENTS WITH UNCONTROLLED HYPERTENSION**
K. Barisic ⁽¹⁾, A. Jelakovic ^(1,2), J. Josipovic ⁽¹⁾, I. Prkacin ⁽¹⁾, D. Perkovic ⁽¹⁾, M. Zivko ⁽¹⁾, T. Zeljkovic Vrkic ⁽¹⁾, Z. Begic ⁽¹⁾, M. Domislovic ⁽¹⁾, L. Gellineo ⁽¹⁾, I. Vukovic Brinar ⁽¹⁾, E. Ivandic, L. Simunovic ⁽¹⁾, B. Jelakovic ⁽¹⁾
⁽¹⁾ Zagreb, ⁽²⁾ Rijeka (CROATIA)
- EP.26.11** **RESISTANT HYPERTENSION AND ASSOCIATED FACTORS OF REFRACTORY BLOOD PRESSURE CONTROL AMONG THAI HYPERTENSIVE PATIENTS**
P. Yobunyong, T. Angkananard, C. Yingtaweessittikul, J. Jamsirojrat, K. Jongsomjit, P. Choosuwun
Nakhon Nayok (THAILAND)



EP.26.12 RESISTANT HYPERTENSION IN PATIENTS WITH CANCER

F. Bozduman Habip ⁽¹⁾, I. Ceren ⁽¹⁾, Y.Z. Sener ⁽²⁾

⁽¹⁾ Ankara (TURKEY), ⁽²⁾ Rotterdam (THE NETHERLANDS)

EP.26.13 SAFETY AND EFFICACY OF RADIOFREQUENCY RENAL DENERVATION IN PATIENTS WITH PRIOR STROKE: 3-YEAR RESULTS FROM THE GLOBAL SYMPPLICITY REGISTRY

M. Schlaich ⁽¹⁾, F. Mahfoud ⁽²⁾, R. Schmieder ⁽³⁾, L. Ruilope ⁽⁴⁾, K. Narkiewicz ⁽⁵⁾, G. Mancina ⁽⁶⁾, B. Williams ⁽⁷⁾, F. Ribichini ⁽⁸⁾, M. Wanten ⁽⁹⁾, M. Böhm ⁽¹⁰⁾

⁽¹⁾ Perth (AUSTRALIA), ⁽²⁾ Basel (SWITZERLAND), ⁽³⁾ Erlangen (GERMANY), ⁽⁴⁾ Madrid (SPAIN), ⁽⁵⁾ Gdansk (POLAND), ⁽⁶⁾ Milan (ITALY), ⁽⁷⁾ London (UNITED KINGDOM), ⁽⁸⁾ Verona (ITALY), ⁽⁹⁾ Santa Rosa, CA (USA), ⁽¹⁰⁾ Homburg (GERMANY)

EP.26.14 SPIRONOLACTONE USE IN THE TREATMENT OF UNCONTROLLED AND TREATMENT-RESISTANT HYPERTENSION: A SYSTEMATIC LITERATURE REVIEW

R.S. Taylor ⁽¹⁾, E. Coto ⁽²⁾, K. Chan ⁽³⁾, J.J. Garcia Sanchez ⁽⁴⁾, J. Chen ⁽²⁾, J. Fotheringham ⁽⁵⁾

⁽¹⁾ Glasgow (UNITED KINGDOM), ⁽²⁾ Gaithersburg, MD (USA), ⁽³⁾ London (UNITED KINGDOM), ⁽⁴⁾ Barcelona (SPAIN), ⁽⁵⁾ Sheffield (UNITED KINGDOM)

EP.26.15 THE HYPERTENSION PUZZLE: DIAGNOSING THE UNEXPECTED

S. Pucerea, I. Baluta, A. Hodorogea, A.M. Iliesiu
Bucharest (ROMANIA)

EP.26.16 THE REDUCTION OF CAROTID BODY VOLUME IN RESISTANT HYPERTENSIVE PATIENTS IS ASSOCIATED TO DIABETIC CONDITION

L.M. Cruz da Silva, C.G. Vieira de Moraes, B.A. Gonçalves, K.R. de Paula Morales, C.E. Rochitte, S. Lacchini
São Paulo (BRAZIL)

MODERATED E-POSTER SESSION 27 - TOTEM II

LIFESTYLE INTERVENTION

Chairs: F. Muggli (Vezia, SWITZERLAND),
W. Wojciechowska (Kraków, POLAND)

EP.27.01 A FEASIBILITY STUDY FOR A TRIAL TESTING THE EFFECTS OF REDUCED-SODIUM SALT ON THE RISE IN BLOOD PRESSURE WITH AGE

K. Kisseck ⁽¹⁾, C. Okoro ⁽²⁾, K. Trieu ⁽¹⁾, N. Ripeye ⁽²⁾, A. Orji ⁽²⁾, M. Huffman ^(1,3), B. Neal ^(1,4), D. Ojji ⁽²⁾

⁽¹⁾ Sydney (AUSTRALIA), ⁽²⁾ Abuja (NIGERIA), ⁽³⁾ St Louis, MO (USA), ⁽⁴⁾ London (UNITED KINGDOM)

EP.27.02 ADHERENCE TO LIFESTYLE MODIFICATION IN NON-EARNING WOMEN WITH NEWLY DIAGNOSED TYPE 2 DIABETES OR HYPERTENSION

I. Saxena ⁽¹⁾, B. Kannoujia ⁽²⁾, M. Kumar ⁽²⁾, R. Aishwarya ⁽³⁾

⁽¹⁾ Gorakhpur, ⁽²⁾ Basti, ⁽³⁾ Saifai (INDIA)

EP.27.03 COMPARING THE IMPACT OF WORKPLACE LIFESTYLE INTERVENTIONS: A 7-MONTH STUDY ON CARDIOVASCULAR HEALTH, LIFE SATISFACTION AND QUALITY OF LIFE

L. Costa Gonçalves, B. Lau, A. Amaro, C. Costa, F. Ribeiro
Aveiro (PORTUGAL)

EP.27.04 COMPARISON OF RESULTS FROM WORLD HYPERTENSION DAY CAMPAIGNS IN 2023 AND 2024: THE PRO-HEALTH INITIATIVE IN BIALYSTOK, POLAND

G. Mateusz, W. Piotrowska, K. Toczydlowski, M. Zimowski, M. Czajkowski, J. Masalska, M. Paldyna, E. Zbroch
Białystok (POLAND)



- EP.27.05** **EFFICACY PREDICTION SCORE OF HYPERTENSION DIGITAL THERAPEUTICS: THE BEHAVIORAL MODIFICATION INDEX (B-INDEX) STUDY**
K. Kario, N. Tomitani, S. Hoshide
Shimotsuke (JAPAN)
- EP.27.06** **ENHANCING CARDIO-KIDNEY-METABOLIC HEALTH AND BLOOD PRESSURE CONTROL IN SEDENTARY ELDERLY URBAN WOMEN THROUGH GROUP EXERCISE**
M. Marinovic Glavic ⁽¹⁾, L. Bilajac ⁽¹⁾, K. Zulle ⁽¹⁾, M. Bilobrk ⁽¹⁾, D. Juraga ⁽¹⁾, A. Jelakovic ^(1,2), T. Rukavina ⁽¹⁾, V. Vasiljev ⁽¹⁾, B. Jelakovic ⁽²⁾
⁽¹⁾ Rijeka, ⁽²⁾ Zagreb (CROATIA)
- EP.27.07** **ESTIMATION OF SODIUM INTAKE CAN BE IMPROVED BY CORRECTING 24-HOUR URINARY SODIUM FOR 24-HOUR URINE VOLUME**
A.M. Van Vliet ⁽¹⁾, M. Rauh ⁽²⁾, J. Titze ^(3,2,5), R. Olde Engberink ⁽¹⁾
⁽¹⁾ Amsterdam (THE NETHERLANDS), ⁽²⁾ Erlangen (GERMANY), ⁽³⁾ Singapore (SINGAPORE), ⁽⁵⁾ Durham, NC (USA)
- EP.27.08** **EXERCISE TRAINING AND CARDIOVASCULAR HEALTH: A PRELIMINARY REPORT OF THE MICROFIT STUDY. FOCUS ON CENTRAL HEMODYNAMICS.**
R. Lanci ⁽¹⁾, L. Bragonzoni ⁽²⁾, L. Sposetti ⁽¹⁾, C. Grassi ⁽¹⁾, M. Ballesta ⁽¹⁾, D. Nardi ⁽¹⁾, F. Grasso ⁽¹⁾, C. Baldini ⁽¹⁾, S. Abete ⁽¹⁾, A. Balbinot ⁽¹⁾, E. Pinelli ⁽²⁾, M. Scoppolini ⁽²⁾, F. Piani ⁽¹⁾, F. Ventura ⁽¹⁾, P. Maietta Latessa ⁽²⁾, C. Borghi ⁽¹⁾, D. Agnoletti ⁽¹⁾
⁽¹⁾ Bologna, ⁽²⁾ Rimini (ITALY)

- EP.27.09** **EXERCISE TRAINING AND CARDIOVASCULAR HEALTH: A PRELIMINARY REPORT OF THE MICROFIT STUDY. FOCUS ON EXERCISE PERFORMANCE.**
L. Bragonzoni ⁽¹⁾, F. Ferrari ⁽²⁾, A. Teglia ⁽²⁾, A. Di Noto ⁽²⁾, L. Gobbin ⁽²⁾, S. Paltrinieri ⁽²⁾, S. Tacchinardi ⁽²⁾, R. Lanci ⁽²⁾, C. Grassi ⁽²⁾, M. Ballesta ⁽²⁾, D. Nardi ⁽²⁾, F. Grasso ⁽²⁾, C. Baldini ⁽²⁾, S. Abete ⁽²⁾, E. Pinelli ⁽²⁾, M. Scoppolini ⁽¹⁾, F. Piani ⁽¹⁾, P. Maietta Latessa ⁽²⁾, C. Borghi ⁽²⁾, D. Agnoletti ⁽²⁾
⁽¹⁾ Rimini (ITALY), ⁽²⁾ Bologna (ITALY)
- EP.27.10** **LIFESTYLE AND SOCIOECONOMIC DETERMINANTS OF SYSTOLIC BLOOD PRESSURE AND ARTERIAL HYPERTENSION IN GENERAL ADULT POPULATION - EH-UH 2 STUDY**
M. Marinovic Glavic ⁽¹⁾, L. Bilajac ⁽¹⁾, M. Boljesic ⁽²⁾, M. Bubas ^(3,4), K. Capak ⁽³⁾, M. Domislovic ⁽³⁾, A. Dzakula ⁽³⁾, M. Fucek ⁽³⁾, L. Gellineo ⁽³⁾, A. Jelakovic ^(1,3), J. Josipovic ⁽³⁾, I. Pecin ⁽³⁾, V. Prelevic ⁽⁴⁾, D. Radunovic ⁽⁴⁾, Z. Reiner ⁽³⁾, T. Rukavina ⁽¹⁾, P. Susnjara ⁽²⁾, V. Vasiljev ⁽¹⁾, V. Vidranski ⁽³⁾, B. Jelakovic ⁽³⁾
⁽¹⁾ Rijeka, ⁽²⁾ Osijek, ⁽³⁾ Zagreb (CROATIA), ⁽⁴⁾ Podgorica (MONTENEGRO)
- EP.27.11** **MUSIC AND CARDIOVASCULAR REACTIVITY IN HYPERTENSIVE PATIENTS**
S.I. Dumitrescu, I. Hantulie, I. Prisacariu, R. Ionescu, L. Buican, S. Stanciu, M. Gurzun, D. Iancu, R. Popescu, S. Cecoltan, C. Gherasim, R. Boingiu, D. Seserman, A. Munteanu
Bucharest (ROMANIA)



**EP.27.I2 PHYSICAL ACTIVITY AND FAVOURABLE ADIPOSITY
GENETIC LIABILITY REDUCE THE RISK OF
HYPERTENSION AMONG HIGH BODY MASS
INDIVIDUALS**

C. Hezkiah, R. Pazoki
London (UNITED KINGDOM)

**EP.27.I3 PHYSICAL ACTIVITY INTERVENTIONS TO MANAGE
SYMPTOMS AND EPISODES OF ATRIAL FIBRILLATION:
AN UMBRELLA REVIEW**

R. Cross⁽¹⁾, C. Clark⁽¹⁾, S. McDonagh⁽¹⁾, R. Taylor⁽²⁾,
M. Gandhi⁽¹⁾, J. Fordham⁽¹⁾, A. Dixon⁽¹⁾
⁽¹⁾ Exeter, ⁽²⁾ Glasgow (UNITED KINGDOM)

**EP.27.I4 WORLD HYPERTENSION DAY 2023 AND 2024 - THE
PRO-HEALTH CAMPAIGN IN BIALYSTOK, POLAND**

G. Mateusz, P. Weronika, P. Niewrzal, M. Skarzynska,
K. Juchimowicz, K. Polubinska, M. Niwinska, A. Zdanska,
N. Szczerbinska, E. Zbroch
Bialystok (POLAND)

**MODERATED E-POSTER SESSION 28 - TOTEM I2
ADHERENCE**

Chairs: L. Halvorsen (Oslo, NORWAY),
L. Nogueira-Silva (Porto, PORTUGAL)

**EP.28.01 AGE-RELATED DIFFERENCES IN ADHERENCE TO
LIFESTYLE MODIFICATION AMONG UNCONTROLLED
HYPERTENSIVE PATIENTS: EHUH 2 STUDY**

A.M. Andelic⁽¹⁾, A. Stupin^(2,1), A. Jelakovic^(1,3), A. Belancic^(1,3),
M. Mustedanagic⁽¹⁾, K. Paponja⁽¹⁾, M. Boljesic Dumancic^(2,1),
P. Susnjara^(1,2), V. Vidranski⁽¹⁾, M. Bilobrk^(1,3), J. Josipovic⁽¹⁾,
H. Polanscak⁽¹⁾, M. Banadinovic⁽¹⁾, A. Dzakula⁽¹⁾, N. Bukal^(1,4),
D. Kuna^(1,2), I. Stimac^(1,3), M. Baric⁽¹⁾, I. Pecin⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾ Zagreb, ⁽²⁾ Osijek, ⁽³⁾ Rijeka, ⁽⁴⁾ Slavonski Brod (CROATIA)

**EP.28.02 ASSESSMENT OF SELF-CARE AND ADHERENCE
TO ANTIHYPERTENSIVE TREATMENT AND BLOOD
PRESSURE CONTROL**

A.L.L. Sousa, A.d.C. Lima, M.S. Martins, M.X. Silva,
B.M. Gomes, A.P. Silva, M.M. da Costa, M.V. Calatayud,
W.K. Souza
Goiânia (BRAZIL)

**EP.28.03 ASSESSMENT OF TREATMENT ADHERENCE IN
ARTERIAL HYPERTENSION**

A. Markabayeva, A. Kerimkulova, R. Nurpeissova,
E. Zekenova, G. Kamalbekova
Astana (KAZAKHSTAN)



EP.28.04 CLINICAL INERTIA IN PRESCRIBING LIPID-LOWERING THERAPY IN HYPERTENSIVE AND NORMOTENSIVE SUBJECTS IN CROATIA – EHUH-2 STUDY

L. Prgomet⁽¹⁾, Z. Begic⁽¹⁾, V. Bralic Lang⁽¹⁾, A. Soldo⁽¹⁾,
A. Jelakovic^(1,2), M. Marinovic Glavic^(1,2), J. Josipovic⁽¹⁾,
M. Zivko⁽¹⁾, T. Zeljkovic Vrkic⁽¹⁾, M. Domislovic⁽¹⁾,
L. Gellineo⁽¹⁾, T. Saban^(3,1), O. Velkovski Skopic^(3,1),
K. Barisic⁽¹⁾, A. Belancic^(4,1), N. Basic Jukic⁽¹⁾, Z. Reiner⁽¹⁾,
I. Pecin⁽¹⁾, B. Jelakovic⁽¹⁾

⁽¹⁾ Zagreb, ⁽²⁾ Rijeka, ⁽³⁾ Velika Gorica (CROATIA)

EP.28.05 EDUCATIONAL LEVEL DIFFERENCES IN ADHERENCE TO LIFESTYLE MODIFICATION AMONG UNCONTROLLED HYPERTENSIVE PATIENTS: EHUH 2 STUDY

M. Baric⁽¹⁾, A. Stupin^(2,1), A. Belancic^(1,3), A. Jelakovic^(1,3),
M. Mustedanagic⁽¹⁾, K. Paponja⁽¹⁾, M. Boljesic Dumancic^(2,1),
P. Susnjara^(1,2), V. Vidranski⁽¹⁾, M. Bilobrk^(1,3), J. Josipovic⁽¹⁾,
H. Polanscak⁽¹⁾, M. Banadinovic⁽¹⁾, A. Dzakula⁽¹⁾, N. Bukal^(1,4),
D. Kuna^(1,2), I. Stimac^(1,3), A.M. Andelic⁽¹⁾, I. Pecin⁽¹⁾,
B. Jelakovic⁽¹⁾

⁽¹⁾ Zagreb, ⁽²⁾ Osijek, ⁽³⁾ Rijeka, ⁽⁴⁾ Slavonski Brod (CROATIA)

EP.28.06 EFFECTIVENESS OF A SINGLE-PILL COMBINATION OF AMLODIPINE/ATORVASTATIN/PERINDOPRIL IN PATIENTS WITH ARTERIAL HYPERTENSION AND HYPERCHOLESTEROLEMIA IN DAILY PRACTICE

T. Gorokhova⁽¹⁾, P. Petrova⁽²⁾, I. Chazova⁽¹⁾, Y. Khomitskaya⁽¹⁾,
B. Kvasnikov⁽¹⁾

⁽¹⁾ Moscow (RUSSIA), ⁽²⁾ Suresnes (FRANCE)

EP.28.07 EFFECTIVENESS OF ANTIHYPERTENSIVE THERAPY DOUBLE AND TRIPLE COMBINATION IN PATIENTS WITH ARTERIAL HYPERTENSION ON PRIMARY CARE

O. Rekovets, Y. Sirenko, O. Torbas
Kyiv (UKRAINE)

EP.28.08 HIGH COMPLIANCE RATE TO ANTIHYPERTENSIVE MEDICATIONS RECOMMENDED BY HYPERTENSION SPECIALIST IN A PRIVATE CLINIC – THE CASE STUDY OF SPIRONOACTONE

V. Rapoport, N. Nakash Niddam, A. Leiba
Ashdod (ISRAEL)

EP.28.09 PATIENTS EXPERIENCE OF ADHERENCE TESTING IN UNCONTROLLED HYPERTENSION

I.R.B. Hamsund, B. Waldum - Grevbo, A. Høiegggen, A. Amro,
N. Olsvold, L. Vernås Halvorsen
Oslo (NORWAY)

EP.28.10 PREDICTIVE FACTORS FOR ACHIEVEMENT OF TARGET BLOOD PRESSURE AND LOW-DENSITY LIPOPROTEIN CHOLESTEROL IN THE TARGET STUDY

T. Gorokhova⁽¹⁾, P. Petrova⁽²⁾, I. Chazova⁽¹⁾, Y. Khomitskaya⁽¹⁾,
B. Kvasnikov⁽¹⁾

⁽¹⁾ Moscow (RUSSIA), ⁽²⁾ Suresnes (FRANCE)

EP.28.11 PREVALENCE OF RESISTANT HYPERTENSION IN HYPERTENSIVE EMERGENCIES AND THE ROLE OF CLINICAL INERTIA IN PHARMACOLOGICAL MANAGEMENT

N. Renna, L. Graziani, M.S. Gimenez, J. Moles,
M.D.L.A. Tenuta, P. Vargas, A. Lledo, J. Martinez,
A. Rodriguez, J. Ramirez
Mendoza (ARGENTINA)

EP.28.12 RAPID QUANTIFICATION OF 21 ANTIHYPERTENSIVE AND DIURETIC DRUGS IN PLASMA BY UPLC-MS/MS: APPLICATION TO CLINICAL CASES

C. Boudin, O. Ormezzano, A. Faure, A. Behouche,
H. Eysseric-Guerin, F. Stanke-Labesque, T. Willeman
Grenoble (FRANCE)



EP.28.13

WOMEN ARE MORE ADHERENT TO LIFESTYLE MODIFICATION AMONG UNCONTROLLED HYPERTENSIVE PATIENTS THAN MEN - EHUH 2 STUDY

I. Stimac⁽¹⁾, A. Stupin^(2,3), A. Jelakovic^(1,3), A. Belancic^(1,3), M. Mustedanagic⁽³⁾, K. Paponja⁽³⁾, M. Boljesic Dumancic^(2,3), P. Susnjara^(2,3), V. Vidranski⁽³⁾, M. Bilobrk⁽³⁾, J. Josipovic⁽³⁾, H. Polanscak⁽³⁾, M. Banadinovic⁽³⁾, A. Dzakula⁽³⁾, N. Bukal^(4,3), D. Kuna^(2,3), A.M. Andelic⁽³⁾, M. Baric⁽³⁾, I. Pecin⁽³⁾, B. Jelakovic⁽³⁾

⁽¹⁾ Rijeka, ⁽²⁾ Osijek, ⁽³⁾ Zagreb, ⁽⁴⁾ Slavonski Brod (CROATIA)

MODERATED E-POSTER SESSION 29 - TOTEM I3 SECONDARY HYPERTENSION I

Chairs: V. Morelli (Milan, ITALY), P. Mulatero (Turin, ITALY)

EP.29.01

A CASE OF A NEWLY DIAGNOSED PRIMARY ALDOSTERONISM IN A PATIENT WITH PREVIOUSLY THOROUGHLY INVESTIGATED RESISTANT HYPERTENSION.

I. Fejes, G. Lázár, P. Palásti, S. Turkevi-Nagy, G. Ábrahám, T. Várkonyi, P. Légrády
Szeged (HUNGARY)

EP.29.02

A DIFFERENT PERSPECTIVE ON THE PATHOPHYSIOLOGY OF PRIMARY ALDOSTERONISM BY TRANSCRIPTOMIC ANALYSIS OF URINARY EXTRACELLULAR VESICLES

G. Mango, A. Castagna, F. Ambrosani, F. Begali, C. Spillere, P. Pattini, D. De Santis, P. Brazzarola, S. Friso, O. Olivieri, F. Pizzolo
Verona (ITALY)

EP.29.03

A SEVERE COARCTATION OF THE AORTA IN A 36 Y OLD MAN WITH PRELIMINARY ASSESSMENTS AS RESISTANT HYPERTENSION

I. Nadezhda, S. Arayik
Yerevan (ARMENIA)

EP.29.04

ADRENALECTOMY AS A SUPERIOR STRATEGY FOR REVERSING CARDIAC REMODELING IN PRIMARY ALDOSTERONISM: INSIGHTS FROM A SYSTEMATIC REVIEW AND META-ANALYSIS

L. Marzano, F. Zoccatelli, M. Merlo, C. Gabriele, G.L. Bonisoli, L. Delfino, F. Pizzolo, S. Friso
Verona (ITALY)



- EP.29.05** **DIPEPTIDYLE PEPTIDASE 4 INHIBITOR ADMINISTRATION UNVEILS UNDERLYING PHEOCHROMOCYTOMA**
V. Tsoutsouli, D. Malandris, A. Papadimos, G. Papadimos, Z. Sachla
Thessaloniki (GREECE)
- EP.29.06** **DIURNAL VARIATION OF THE ALDOSTERONE-TO-RENIN RATIO PEAKS IN THE MORNING IN NORMOTENSIVE AND HYPERTENSIVE INDIVIDUALS**
R. Alnazer
Maastricht (THE NETHERLANDS)
- EP.29.07** **DOES OBESITY IMPAIR THE RELEVANCE OF THE SECONDARY HYPERTENSION SCREENING INDICATIONS PROPOSED BY THE GUIDELINES?**
R. Boulestreau, T. Dussartre, J. Doublet, A. Ferriere, A. Tabarin, J. Brossaud, P. Gosse, A. Cremer
Bordeaux (FRANCE)
- EP.29.08** **EVALUATION OF CENTRAL BLOOD PRESSURE IN PRIMARY ALDOSTERONISM AND PRIMARY HYPERTENSION: IS THERE A DIFFERENCE?**
C. Dal Pont, A. Sartorio, E. Rosin, C. Cangiano, F. Bertucci, V. Zanconato, S. Grisenti, F. Stocchetti, F. Cattazzo, M. Perinati, S. Bonafini, C. Fava
Verona (ITALY)
- EP.29.09** **FIBROMUSLURAR DYSPLASIA AS A CAUSE OF SECONDARY HYPERTENSION - A CASE REPORT**
D. Tasic ^(1, 2), S. Bozovic Ogarevic ⁽¹⁾, B. Despotovic ⁽¹⁾, M. Arsic ⁽¹⁾, M. Filipovic ⁽¹⁾, Z. Bogicevic ⁽¹⁾, M. Petrovic ⁽¹⁾, N. Tasic ⁽¹⁾
⁽¹⁾ Belgrade (SERBIA), ⁽²⁾ Banja Luka (BOSNIA AND HERZEGOVINA)
- EP.29.10** **FROM ACUTE CORONARY SYNDROME TO MALIGNANT PHEOCHROMOCYTOMA: A TWIST OF FATE**
D. Gheorghe, D. Ciobanu, A. Munteanu, M. Radu
Bucuresti (ROMANIA)
- EP.29.11** **HIGH PREVALENCE OF PRIMARY ALDOSTERONISM IN UNSELECTED HYPERTENSIVE PATIENTS ADMITTED FOR ATRIAL ARRHYTHMIA ABLATION**
R. Boulestreau ⁽¹⁾, R. TIXIER ⁽¹⁾, S. Debeugny ⁽²⁾, J. Doublet ⁽¹⁾, M. Rougier ⁽²⁾, H. Bader ⁽²⁾, M. De Guillebon ⁽²⁾, F. Sacher ⁽¹⁾, N. Delarche ⁽²⁾, A. Cremer ⁽¹⁾, J. Duchateau ⁽¹⁾
⁽¹⁾ Bordeaux, ⁽²⁾ Pau (FRANCE)
- EP.29.12** **HIGH PREVALENCE OF SECONDARY ARTERIAL HYPERTENSION (HIPRESH) WITH PROSPECTIVE SYSTEMATIC SCREENING**
D. Bagordo ⁽¹⁾, T. Shagjaa ⁽²⁾, F.B. Rossi ⁽¹⁾, G. Pintus ⁽¹⁾, E. Bertoli ⁽¹⁾, G.P. Rossi ⁽¹⁾
⁽¹⁾ Padua (ITALY), ⁽²⁾ Ulaanbaatar (MONGOLIA)
- EP.29.13** **HYPERTENSIVE IRON MAN: WHEN STENTING THE RENAL ARTERIES IS A GOOD OPTION**
I. Prisacariu, L.M. Buican, S. Botezatu, V. Iliese, M.M. Gurzun, S. Dumitrescu
Bucharest (ROMANIA)
- EP.29.14** **IMMUNE MICROENVIRONMENT PROFILING OF PRIMARY ALDOSTERONISM**
E.A. Azizan ⁽¹⁾, N. Zaidi ⁽¹⁾, A. Aminuddin ⁽¹⁾, S.K. Syed Mohammed Nazri ⁽¹⁾, F. Abdul Latif ⁽¹⁾, A.N. Abd Rahman ⁽¹⁾, M. Mustangin ⁽¹⁾, N.H. Md Latar ⁽¹⁾, R. Zakaria ⁽¹⁾, N.A. Johdi ⁽¹⁾, A. Ali ⁽¹⁾, N.H. Abd Aziz ⁽¹⁾, A.B. Nasruddin ⁽²⁾, M. Solar ⁽³⁾, N. Sukor ⁽¹⁾
⁽¹⁾ Kuala Lumpur, ⁽²⁾ Putrajaya (MALAYSIA), ⁽³⁾ Prague (CZECH REPUBLIC)



MODERATED E-POSTER SESSION 30 - TOTEM I4

HYPERTENSION PHENOTYPES 2

Chairs: J.J. Blacher (Paris, FRANCE), A. Kasiakogias (Athens, GREECE)

EP.30.01 IMPACT OF HYPERTENSION HISTORY ON MORTALITY RISK IN INDIVIDUALS WITH WELL-CONTROLLED BLOOD PRESSURE: EVIDENCE FROM NHANES 1999-2008

H. Xie, B. Zheng, Y. Zhang, Y. Gong
Beijing (CHINA)

EP.30.02 INTELLIGENT ASSIST OFFICE BLOOD PRESSURES (IOBP) VERSUS AWAKE AMBULATORY MONITORING AND CONVENTIONAL AUSCULTATORY OFFICE READINGS IN CHINESE PRIMARY MEDICAL INSTITUTIONS

J. Ma, Y. Wang
Shanghai (CHINA)

EP.30.03 IS THE MAGNITUDE OF THE WHITE COAT EFFECT ASSOCIATED WITH WORSE OUTCOMES IN INDIVIDUALS WITH HYPERTENSION?

A. Laurinavicius, F. Soufie, G. Pereira, G. Modolo,
M. Silva Neto, H. Assad, F. Cesena, F. Colombo, J. Souza,
M. Sousa
São Paulo (BRAZIL)

EP.30.04 MINIMAL MITRAL REGURGITATION AND ELECTRICAL ABNORMALITIES OF THE ATRIUM COULD DEVELOP FROM ARTERIAL STIFFNESS, ASSESSED BY NON-INVASIVE ARTERIAL TONOMETRY

C.A. Paterno Marchioli
Castiglione Fiorentino (ITALY)

EP.30.05 MORNING SURGE AS AN INDEPENDANT PREDICTOR OF MAJOR ADVERSE CARDIOVASCULAR EVENTS IN UNCONTROLLED WHITE COAT HYPERTENSION

T. Aguiar, I. Cruz, C. Costa, S. Carvalho, A. Pacheco,
I. Pinheiro, J. Bastos
Aveiro (PORTUGAL)

EP.30.06 NOVEL BIOMARKERS OF INFLAMMATION, METABOLIC DYSFUNCTION, AND ATHEROGENESIS: ASSOCIATIONS WITH ARTERIAL HYPERTENSION AND CHRONIC KIDNEY DISEASE – EHUH 2 STUDY

M. Alagic⁽¹⁾, T. Tokic⁽¹⁾, M. Marinovic Glavic^(1,2), A. Belancic^(1,2),
K. Paponja⁽¹⁾, A. Jelakovic^(1,2), J. Josipovic⁽¹⁾, M. Domislovic⁽¹⁾,
V. Prelevic^(1,3), D. Radunovic^(1,3), N. Basic Jukic⁽¹⁾, M. Fucek⁽¹⁾,
A.M. Andelic⁽¹⁾, A. Madunic⁽¹⁾, B. Kokic^(1,4), B. Mandaric⁽¹⁾,
S. Sliskovic⁽¹⁾, I. Pecin⁽¹⁾, Z. Reiner⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾ Zagreb, ⁽²⁾ Rijeka (CROATIA), ⁽³⁾ Podgorica (MONTENEGRO),
⁽⁴⁾ Osijek (CROATIA)

EP.30.07 PRONOSTIC VALUE OF DIPPING STATUS IN UNTREATED HYPERTENSIVES FROM ALGERIAN POPULATION

L. Bounab⁽¹⁾, S. Gacemi⁽²⁾, M. Chemli⁽²⁾
⁽¹⁾ Blida, ⁽²⁾ Oran (ALGERIA)

EP.30.08 RISK OF CARDIOVASCULAR DISEASE ACCORDING TO THE PRECEDENCE RELATIONSHIP BETWEEN HYPERTENSION AND DIABETES MELLITUS

J. Park, K. Han, K. Lee, Y. Chang, D.W. Shin
Seoul (SOUTH KOREA)

EP.30.09 SUBTYPES OF MORNING HYPERTENSION AND TARGET ORGAN DAMAGE IN UNTREATED OUTPATIENTS

C. Wang, Y. Cheng, Q. Guo, D. Zhang, D. An, W. Ying,
C. Sheng, Q. Huang, J. Huang, M. Li, T. Xu, J. Wang, Y. Li
Shanghai (CHINA)



EP.30.I0 THE EFFECT OF ANTIHYPERTENSIVE TREATMENT ON MASKED HYPERTENSION AND ON TARGET ORGAN DAMMAGE GUIDED BY AMBULATORY BLOOD PRESSURE MONITORING.

S. Maragkoudakis ⁽¹⁾, G. Lilikaki ⁽¹⁾, A. Pountoukidou ⁽¹⁾, M. Kouteri ⁽¹⁾, S.E. Mavroudeas ⁽¹⁾, E. Sideras ⁽¹⁾, M. Maria ⁽²⁾
⁽¹⁾ Chania, ⁽²⁾ Heraklion (GREECE)

EP.30.II THE EFFECT OF THE PRESENCE OF ACCESSORY RENAL ARTERIES ON BIOCHEMICAL PARAMETERS OF RENAL FUNCTION AND BLOOD PRESSURE REGULATION

I. Prkacin, D. Delalic, J. Vukovic, J. Jug
Zagreb (CROATIA)

EP.30.I2 VEGFRI-MEDIATED REGULATION OF HYPERTENSIVE CARDIAC FIBROSIS BY PERIVASCULAR FSPI+ ENDOTHELIAL CELLS

Q. Deng, Z. Zhang, X. Li, J. Wang
Shanghai (CHINA)

EP.30.I3 WHITE COAT HYPERTENSION IN WOMEN AND MEN

M. Stojanovic, M. Tancic Gajic, M. Miletic, M. Ivovic, L. Marina, Z. Arizanovic, A. Boskovic, N. Pavlovic, T. Petkovic, S. Vujovic
Belgrade (SERBIA)

MODERATED E-POSTER SESSION 31 - TOTEM IS VASCULATURE 2

Chairs: C. Agabiti Rosei (Brescia, ITALY), J. Jug (Zagreb, CROATIA)

EP.31.01 CORRELATION BETWEEN THE SCREENING CARDIAC TROPONIN SERUM CONCENTRATION AND THE ANKLE-BRACHIAL INDEX AND THE TOE-BRACHIAL INDEX IN PATIENTS WITH AND WITHOUT ARTERIAL HYPERTENSION

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

EP.31.02 EFFECT OF ACUTE INFLAMMATION ON ENDOTHELIAL FUNCTION, BLOOD PRESSURE. WASTED LEFT VENTRICULAR PRESSURE AND MYOCARDIAL MICROCIRCULATION IN OLDER HYPERTENSIVES

B. Fernhall ⁽¹⁾, S. Ranadive ⁽²⁾
⁽¹⁾ Boston, MA, ⁽²⁾ College Park (USA)

EP.31.03 ENDOTHELIAL DYSFUNCTION AND ITS DETERMINANTS: A COMPARATIVE ANALYSIS OF CLINICAL AND LIFESTYLE FACTORS IN HYPERTENSIVE ADULTS

V. Santos Mendes Carneiro, A. Camargo Oliveira, A.L. Lima Sousa, M. Martins da Costa, M. Costa, S. Inuzuka, G. Frigiore, P. Piza, W. Kunz Sebba Barroso
Goiânia (BRAZIL)

EP.31.04 EVALUATION OF RETINAL MICROCIRCULATION IN PATIENTS WITH SCLERODERMA

C. Bevacqua, C. Rossini, C. Agabiti Rosei, L. Moschetti, G. Buso, M.G.Lazzaroni, S. Bressa, E. Piovani, M. Baresi, C. Barison, I. Cavazzana, E. Agabiti Rosei, P. Airò, M.L. Muiesan, F. Franceschini, C. De Ciuceis
Brescia (ITALY)



- EP.31.05 EVALUATION OF RETINAL MICROCIRCULATION IN TRAINED AND UNTRAINED SUBJECTS: COMPARISON BEFORE AND AFTER EXERCISE**
M. Baresi, A. Lucchini, C. Agabiti Rosei, M. Lemoli, C. Rossini, J. Tasca, N. Laera, G. Buso, M. Fabbri, S. Bressa, E. Porter, D. Rizzoni, M.L. Muiesan, C. De Ciuceis
Brescia (ITALY)
- EP.31.06 EXPLORING THE RELATIONSHIP BETWEEN CARDIOVASCULAR RISK FACTORS AND CAROTID PLAQUE COMPONENTS IN A MULTI-ETHNIC COHORT USING 3T MRI: THE HELIUS STUDY**
E.M.C. Vriend ⁽¹⁾, T.A. Bouwmeester ⁽¹⁾, D. Bos ⁽²⁾, D. Collard ⁽¹⁾, E.P. Moll Van Charante ⁽¹⁾, H. Galenkamp ⁽¹⁾, R. Merton ⁽¹⁾, A.J. Nederveen ⁽¹⁾, P. Van Ooij ⁽¹⁾, O.H. Franco ⁽³⁾, B.H. Van Den Born ⁽¹⁾
⁽¹⁾ Amsterdam, ⁽²⁾ Rotterdam, ⁽³⁾ Utrecht (THE NETHERLANDS)
- EP.31.07 FACTORS IMPACTING THE HYPERTENSION CONTROL IN PATIENTS WITH DESCENDING THORACIC AND ABDOMINAL AORTIC ANEURYSMS 1 YEAR AFTER ENDOVASCULAR AORTIC REPAIR**
M. Ionov ⁽¹⁾, A. Gurevich ⁽¹⁾, A.-C. Sagynbaeva ⁽²⁾, I. Emelyanov ⁽¹⁾, A. Vanyurkin ⁽¹⁾, M. Chernyavskiy ⁽¹⁾, A. Konradi ⁽¹⁾
⁽¹⁾ Saint-Petersburg (RUSSIA), ⁽²⁾ Bishkek (KYRGYZSTAN)
- EP.31.08 FUNCTIONAL FOOD ENRICHED WITH CARNOSINE IMPROVES VASCULAR REACTIVITY IN MALE ATHLETES**
L. Peric, A. Boris, I. Jukic, I. Drenjancevic, P. Susnjara, N. Kolobaric, Z. Mihaljevic, A. Stupin
Osijek (CROATIA)

- EP.31.09 HEPATIC FIBROSIS INDICES CORRELATE WITH MICROVASCULAR REMODELLING: PRELIMINARY RESULTS FROM A MASLD PATIENTS' COHORT.**
N. Laera, M. Lemoli, C. Agabiti Rosei, C. Rossini, C. Cattaneo, S. Bressa, G. Buso, M. Baresi, E. Porter, D. Rizzoni, M.L. Muiesan, C. De Ciuceis
Brescia (ITALY)
- EP.31.10 INTEGRATIVE RESPONSE PROFILES FOR FLOW-MEDIATED SLOWING OF BRACHIAL-RADIAL PULSE WAVE VELOCITY: TOWARDS CLINICAL INTERPRETATION OF A NON-INVASIVE VASOREACTIVITY TEST**
N. Cauwenberghs, H. Van Criekeing, M. Renier, J. Claes, M. Michielsens, Y. Bekhuis, E. Ntalianis, E. Santana, T. Kuznetsova, V. Cornelissen
Leuven (BELGIUM)
- EP.31.11 INTERRELATIONSHIP OF CARDIOVASCULAR RISK FACTORS IN EARLY ADULthood. THE ROLE OF ENDOTHELIAL GLYCOCALYX**
H. Triantafyllidi, E. Dretsiou, D. Benas, G. Pavlidis, I. Ikonomidis, A. Attilakos, E. Iliodromitis
Athens (GREECE)
- EP.31.12 LEVELS OF NEUTROPHIL EXTRACELLULAR TRAPS ARE ASSOCIATED WITH MARKERS OF VASCULAR DAMAGE IN A POPULATION OF NORMOTENSIVES AND TREATMENT-NAÏVE HYPERTENSIVES**
A. Malliora ⁽¹⁾, A. Lazaridis ⁽¹⁾, A.-M. Natsi ⁽²⁾, V. Papadopoulos ⁽²⁾, C. Antoniadou ⁽²⁾, E. Gavrilidis ⁽²⁾, D. Tsilingiris ⁽²⁾, V. Kotsis ⁽¹⁾, P. Skendros ⁽²⁾, E. Gkaliagkousi ⁽¹⁾
⁽¹⁾ Thessaloniki, ⁽²⁾ Alexandroupolis (GREECE)



EP.31.I3

LOW BLOOD PRESSURE AMPLIFICATION IS ASSOCIATED WITH EXAGGERATED BLOOD PRESSURE RESPONSE TO STANDING IN YOUNG TO MIDDLE AGE HYPERTENSIVE ADULTS

F. Saladini⁽¹⁾, L. Mos⁽²⁾, A. Mazzer⁽³⁾, M. Rattazzi⁽⁴⁾, O. Vriz⁽²⁾, R. Garbelotto⁽³⁾, P. Palatini⁽⁴⁾

⁽¹⁾ Cittadella, ⁽²⁾ San Daniele del Friuli, ⁽³⁾ Vittorio Veneto,

⁽⁴⁾ Treviso and Padua (ITALY)

MODERATED E-POSTER SESSION 32 - TOTEM I6

WOMEN 2

Chairs: F. Piani (Bologna, ITALY), L. Varda (Maribor, SLOVENIA)

EP.32.01

IMPLEMENTATION OF TELEMEDICINE IN THE BASEL POSTPARTUM HYPERTENSION COHORT (BASEL- PPHT): A COMPARISON OF TELEMONITORING APPROACHES USING PATIENT REPORTED OUTCOME MEASURES (PROMS)

T. Socrates, Z. Menzinger, L. Piattini, N. Strobel, C. Schumacher, M. Mayr, O. Lapaire, A. Vischer, T. Burkard Basel (SWITZERLAND)

EP.32.02

INCIDENCE OF BREAST CANCER IN HYPERTENSIVE POST-MENOPAUSAL WOMEN WITH INCREASED LEVELS OF HIGH-DENSITY LIPOPROTEIN CHOLESTEROL. A 20-YEAR FOLLOW-UP STUDY

H. Triantafyllidi, A. Dionysakopoulos, D. Benas, D. Birmpa, A. Fambri, K. Sioula, I. Bakirtzis Athens (GREECE)

EP.32.03

IVABRADINE INDUCED VASORELAXATION IN A HYPERANDROGENIC RAT MODEL OF POLYCYSTIC OVARIAN SYNDROME, EFFECT OF VITAMIN D SUPPLEMENTATION

E.M. Horváth⁽¹⁾, Á. Pakuts⁽¹⁾, K.S. Senuma Pang⁽¹⁾, B.P. Bányai⁽¹⁾, M. Szekeres⁽¹⁾, S. Várbíró^(1,2), R. Benkő⁽¹⁾

⁽¹⁾ Budapest, ⁽²⁾ Szeged (HUNGARY)



EP.32.04 LIFESTYLE DIFFERENCES BETWEEN NORMOTENSIVE AND HYPERTENSIVE WOMEN IN THE CROATIAN GENERAL POPULATION

T. Tokic ⁽¹⁾, P. Batkovic ⁽¹⁾, A. Jelakovic ^(1,2), K. Paponja ⁽¹⁾, M. Marinovic Glavic ^(1,2), I. Ivankovic ⁽¹⁾, I. Abramovic ⁽¹⁾, V. Vasiljev ^(1,2), L. Bilajac ^(1,2), D. Radunovic ^(1,3), V. Prelevic ^(1,3), M. Fucek ⁽¹⁾, B. Pezo ⁽¹⁾, T. Zeljkovic Vrkic ⁽¹⁾, L. Gellineo ⁽¹⁾, P. Susnjara ^(1,4), A. Kucina ⁽¹⁾, P. Horvat ⁽¹⁾, I. Pecin ⁽¹⁾, B. Jelakovic ⁽¹⁾

⁽¹⁾ Zagreb, ⁽²⁾ Rijeka (CROATIA), ⁽³⁾ Podgorica (MONTENEGRO), ⁽⁴⁾ Osijek (CROATIA)

EP.32.05 NEW MARKERS OF INFLAMMATION, ATHEROGENESIS AND METABOLIC DISTURBANCES IN MENOPAUSAL WOMEN EHUH 2 study

A. Kucina ⁽¹⁾, P. Batkovic ⁽¹⁾, A. Jelakovic ^(1,2), K. Paponja ⁽¹⁾, M. Marinovic Glavic ^(1,2), I. Ivankovic ⁽¹⁾, I. Abramovic ⁽¹⁾, V. Vasiljev ^(1,2), L. Bilajac ^(1,2), D. Radunovic ^(1,3), V. Prelevic ^(1,3), M. Fucek ⁽¹⁾, B. Pezo ⁽¹⁾, T. Tokic ⁽¹⁾, T. Zeljkovic Vrkic ⁽¹⁾, L. Gellineo ⁽¹⁾, P. Horvat ⁽¹⁾, P. Susnjara ^(4,1), I. Pecin ⁽¹⁾, B. Jelakovic ⁽¹⁾

⁽¹⁾ Zagreb, ⁽²⁾ Rijeka (CROATIA), ⁽³⁾ Podgorica (MONTENEGRO), ⁽⁴⁾ Osijek (CROATIA)

EP.32.06 ORGAN DAMAGE IN PRE- AND POSTMENOPAUSAL WOMEN WITH OVERWEIGHT AND OBESITY

A. Selmyte-Besuspare ⁽¹⁾, H. Halland ⁽¹⁾, H. Midtbø ⁽¹⁾, G. Kararigas ⁽²⁾, E. Kringeland ⁽¹⁾, P. Methlie ⁽¹⁾, E. Gerdt ⁽¹⁾

⁽¹⁾ Bergen (NORWAY), ⁽²⁾ Reykjavik (ICELAND)

EP.32.07 PREDICTORS OF CARDIOVASCULAR DISEASE IN YOUNG WOMEN IN EARLY PREMENOPAUSE

T. Makeeva, E. Zbyshevskaya, V. Smirnov
Saint Petersburg (RUSSIA)

EP.32.08 RISK FACTORS AND PREDICTION MODEL FOR HYPERTENSION IN WOMEN WITH HYPERANDROGENIC PHENOTYPES OF POLYCYSTIC OVARY SYNDROME

A. Stevanovic, S. Smiljic, N. Ilic Pasquali, M. Dekleva, B. Pencic, B. Putnikovic
Belgrade (SERBIA)

EP.32.09 RISK FACTORS AND SOCIAL DETERMINANTS OF HYPERTENSION IN WOMEN: DATA FROM EASTERN MOROCCO.

S. Ramdani, A. Yeznasni, I. Haddiya
Oujda (MOROCCO)

EP.32.10 SEX DIFFERENCES IN BLOOD PRESSURE BY AGE AND MENOPAUSAL STATUS: RESULTS FROM THE UK BIOBANK

R. Kelly ⁽¹⁾, K. Harris ⁽¹⁾, P. Muntner ⁽²⁾, M. Woodward ⁽¹⁾
⁽¹⁾ Sydney (AUSTRALIA), ⁽²⁾ Birmingham, AL (USA)

EP.32.11 SEX-SPECIFIC BLOOD PRESSURE CUT-OFFS ASSOCIATED WITH CARDIOVASCULAR EVENTS: A REAL-WORLD COHORT STUDY OF 1,931,155 CHINESE INDIVIDUALS

S. Wang ⁽¹⁾, B. Yip ⁽¹⁾, S.-N. NG ⁽¹⁾, A.A. Rashid ⁽²⁾, S.K. Wong ⁽³⁾, R.W. Sit ⁽¹⁾, E.-K. Yeoh ⁽¹⁾, E.K. Lee ⁽¹⁾, A.S. Mihailidou ⁽⁴⁾
⁽¹⁾ Shatin (HONG KONG SAR, CHINA), ⁽²⁾ Selangor (MALAYSIA), ⁽³⁾ Singapore (SINGAPORE), ⁽⁴⁾ Sydney (AUSTRALIA)



EP.32.I2

SOCIOECONOMIC DIFFERENCES BETWEEN HYPERTENSIVE AND NORMOTENSIVE MENOPAUSAL WOMEN: EHUH 2 STUDY

P. Horvat ⁽¹⁾, P. Batkovic ⁽¹⁾, A. Jelakovic ^(1,2),
M. Marinovic Glavic ^(1,2), I. Abramovic ⁽¹⁾, V. Vasiljev ^(1,2),
L. Bilajac ^(1,2), T. Tokic ⁽¹⁾, A. Kucina ⁽¹⁾, D. Radunovic ^(1,3),
V. Prelevic ^(1,3), M. Fucek ⁽¹⁾, B. Pezo ⁽¹⁾, T. Zeljkovic Vrkic ⁽¹⁾,
L. Gellineo ⁽¹⁾, I. Ivankovic ⁽¹⁾, K. Paponja ⁽¹⁾, P. Susnjara ^(1,4),
I. Pecin ⁽¹⁾, B. Jelakovic ⁽¹⁾

⁽¹⁾ Zagreb, ⁽²⁾ Rijeka (CROATIA), ⁽³⁾ Podgorica
(MONTENEGRO), ⁽⁴⁾ Osijek (CROATIA)

EP.32.I3

THE PREVALENCE OF METABOLIC DISORDERS AND HYPERTENSION IN WOMEN DURING PERIMENOPAUSE AND MENOPAUSE.

S. Smiljic ⁽¹⁾, A. Stevanovic ⁽¹⁾, V. Nestorovic ⁽²⁾, S. Sapic ⁽¹⁾,
A. Ilic ⁽²⁾

⁽¹⁾ Belgrade, ⁽²⁾ Kosovska Mitrovica (SERBIA)



MODERATED E-POSTER SESSION 33 - TOTEM I

RISK FACTORS 4

Chairs: J.M. Halimi (Tours, FRANCE), M. Lopez-Sublet (Bobigny, FRANCE)

EP.33.01 RISK FACTORS FOR HIGHER PULSE WAVE VELOCITY IN HEALTHY PEOPLE

J. Jug, I. Prkacin
Zagreb (CROATIA)

EP.33.03 RISK PROFILE OF THROMBOTIC DISEASE IN PATIENTS WITH COVID

G. Prado Paz, R. Gomez Villaplana, E. Martinez Morcillo,
M. Suarez Velo, A.NMercado Pardo, C. Gargallo Maicas,
P. Romero Crespo, A. Buj Jorda, N. Campos Olive
Valencia (SPAIN)

EP.33.04 SERUM LIPID BIOMARKERS AND PULSE WAVE ANALYSIS IN HYPERTENSIVE PATIENTS

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

EP.33.05 SMOKING AND ITS ROLE IN MYOCARDIAL INFARCTION RECURRENCE AMONG INDIVIDUALS UNDER 45

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

EP.33.06

THE ASSOCIATION BETWEEN CENTRAL TO PERIPHERAL ARTERIAL STIFFNESS RATIO AND THE CAROTID ATHEROSCLEROTIC BURDEN

G. Fumarola, P. Scurti, E. Ponzuoli, S. Turchetti, M. Ardagna,
F. Piani, C. Borghi, D. Agnoletti
Bologna (ITALY)

EP.33.07

THE ASSOCIATION BETWEEN RATIO OF RED BLOOD CELL DISTRIBUTION WIDTH TO ALBUMIN LEVEL AND RISK OF ALL-CAUSE MORTALITY IN PATIENTS WITH HYPERTENSION: EVIDENCE FROM NHANES 1999-2008

Y. Zhan, Y. Gong, B. Zheng
Beijing (CHINA)

EP.33.08

THE CROSS-SECTIONAL AND LONGITUDINAL ASSOCIATIONS BETWEEN HOME ENERGY EFFICIENCY AND HYPERTENSION

A. Lim ⁽¹⁾, I. Braithwaite ⁽¹⁾, R.D. Johnson ⁽²⁾, J. Sheringham ⁽¹⁾
⁽¹⁾ London, ⁽²⁾ Swansea (UNITED KINGDOM)

EP.33.09

THE IMPACT OF INSULIN RESISTANCE ON BLOOD PRESSURE VARIABILITY IN TREATED HYPERTENSIVE PATIENTS

A. Magdás, Z.Á. Szász, S.A. Albu
Târgu Mures (ROMANIA)

EP.33.10

THE TRIGLYCERIDE-GLUCOSE INDEX IS CORRELATED TO URIC ACID AND INTIMA-MEDIA THICKNESS

G. Fumarola, P. Scurti, S. Turchetti, M. Ardagna, F. Piani,
C. Borghi, D. Agnoletti
Bologna (ITALY)



EP.33.II

UNVEILING THE HIDDEN RISK: LIPOPROTEIN(A) AS A KEY PREDICTOR OF SUBCLINICAL ATHEROSCLEROSIS IN HYPERTENSION

N. Renna, E. Ramirez, G. Matta, L. Schreier, J. B. Soumoulou, E. Forte, F. Salazar, S. Lynch, F. Salati, W. Masson, A. Lavallo Cobo, A. Prado, E. Perna, E. Salmeri, G. Pereira Zini, M. Arrupe, S. Gimenez, P. Corral
on behalf of the GAELP(a) study (ARGENTINA)

EP.33.I2

WHAT POTENTIAL CARDIOVASCULAR RISK REDUCTION COULD BE ACHIEVED WITH BLOOD PRESSURE AND LIPID LOWERING TREATMENT? A SIMULATION BASED ON BP-PROACTION BG OBSERVATIONAL STUDY

A. Postadzhiyan ⁽¹⁾, Y. Yotov ⁽²⁾, S. Tisheva ⁽³⁾, F. Nikolov ⁽⁴⁾, I. Gruev ⁽¹⁾, T. Yaneva-Sirakova ⁽¹⁾
⁽¹⁾ Sofia, ⁽²⁾ Varna, ⁽³⁾ Pleven, ⁽⁴⁾ Plovdiv (BULGARIA)

MODERATED E-POSTER SESSION 34 - TOTEM 2

SLEEP

Chair: C. Lombardi (Milan, ITALY)

EP.34.01

ADVANCED GLYCATION END PRODUCTS ARE CORRELATED WITH HIGHER OBSTRUCTIVE SLEEP APNEA RISK IN OBESE DALMATIAN HYPERTENSIVE PATIENTS

J. Radic, M. Vuckovic, H. Dogas, A. Gelemanovic, M. Radic
Split (CROATIA)

EP.34.02

CHARACTERISTICS OF NOCTURNAL HYPERTENSION IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA

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

EP.34.03

COMPARISON OF A CUFFLESS AND A CONVENTIONAL OSCILLOMETRIC CUFF-BASED DEVICE FOR NIGHT-TIME BLOOD PRESSURE MONITORING IN ADULTS

A.C. Larstorp ⁽¹⁾, C. Hove ⁽¹⁾, A. Stepanov ⁽²⁾, K. Bøtker-Rasmussen ⁽²⁾, E. Westgaard ⁽²⁾, S. Heimark ⁽¹⁾, B.E. Waldum-Grevbo ⁽¹⁾, T.M. Seeberg ⁽²⁾
⁽¹⁾ Oslo (NORWAY), ⁽²⁾ Bærum (NORWAY)

EP.34.04

DOES HOME NOCTURNAL BLOOD PRESSURE MONITORING AFFECT SLEEP QUALITY? AN EXPLORATIVE STUDY

M. Pengo ⁽¹⁾, L. Giorgetti ⁽²⁾, A. Croce ⁽¹⁾, D. Soranna ⁽¹⁾, E. Gianfranceschi ⁽¹⁾, E. Nardin ⁽¹⁾, C. Lombardi ⁽¹⁾, G. Bilo ⁽¹⁾, D. Arnaldi ⁽²⁾, A. Zambon ⁽¹⁾, G. Parati ⁽¹⁾
⁽¹⁾ Milan, ⁽²⁾ Genoa (ITALY)



- EP.34.05** **HIGH NIGHT BLOOD PRESSURE IN PREGNANCY HYPERTENSIVE DISORDERS IS PREDICTIVE OF MAJOR MATERNAL AND FETAL EVENTS, ESPECIALLY DURING THE FIRST 4 HOURS OF SLEEP**
T. Aguiar, M. Silva, I. Cruz, C. Costa, S. Carvalho, J. Ribeiro, A. Briosa, J. Bastos
Aveiro (PORTUGAL)
- EP.34.06** **IMPACT OF NIGHTTIME ROAD TRAFFIC NOISE AND AIR POLLUTION ON ARTERIAL BLOOD PRESSURE CONTROL IN HYPERTENSIVE PATIENTS: A CROSS-SECTIONAL STUDY**
J. Baczalska, T. Drozd, A. Olszanecka, K. Stolarz-Skrzypek, A. Czapska, J. Jamros, A. Gil, M. Zajac, M. Zuwała, M. Rajzer, W. Wojciechowska
Krakow (POLAND)
- EP.34.07** **OBSTRUCTIVE SLEEP APNEA AND OBESITY IN DALMATIAN HYPERTENSIVE PATIENTS: INSIGHTS INTO BODY COMPOSITION DYNAMICS**
M. Vuckovic, J. Radic, H. Dogas, A. Gelemanovic, M. Radic
Split (CROATIA)
- EP.34.08** **PRIMARY ALDOSTERONISM AND OBSTRUCTIVE SLEEP APNEA: A VICIOUS CICLE WORTH BEING ACKNOWLEDGED**
L. Bulfone ⁽¹⁾, A. Frangipane ⁽¹⁾, C. Catena ⁽¹⁾, K. Moser ⁽²⁾, S. Zopp ⁽²⁾, H. Nowotny ⁽²⁾, N. Reisch ⁽²⁾, M. Reincke ⁽²⁾, L. Sechi ⁽¹⁾
⁽¹⁾ Udine (ITALY), ⁽²⁾ Munich (GERMANY)

- EP.34.09** **RIGHT VENTRICLE TO PULMONARY ARTERY COUPLING INCREASES IN OBSTRUCTIVE SLEEP APNOEA AND RELATES TO LEFT VENTRICLE HYPERTROPHY**
F. Corvasce, M.S. Marozzi, V. Di Lecce, C. Santomasi, S. Persia, G. Falcone, E. Carpagnano, A. Vacca, S. Cicco
Bari (ITALY)
- EP.34.10** **SIMPLIFIED AMBULATORY NIGHTTIME BLOOD PRESSURE MONITORING IS ASSOCIATED WITH THE RISK OF TARGET ORGAN DAMAGE AND BETTER ADHERENCE**
Q. Liu, Y. Liang, Y. Zhang, Y. Jiang, W. Song
Dalian (CHINA)
- EP.34.11** **THE EFFECT OF NON-PHARMACOLOGICAL SLEEP MANIPULATION INTERVENTIONS ON BLOOD PRESSURE IN ADULTS WITH SLEEP INSUFFICIENCY: A SYSTEMATIC REVIEW AND META-ANALYSIS**
S. Mostafa ⁽¹⁾, W. Hanif ⁽¹⁾, G. Balanos ⁽¹⁾, K. Nirantharaku ⁽¹⁾, J. Ellis ⁽²⁾, A. Tahrani ⁽¹⁾
⁽¹⁾ Birmingham, ⁽²⁾ Newcastle (UNITED KINGDOM)
- EP.34.12** **THE INFLUENCE OF SLEEP DURATION ON BLOOD PRESSURE INDICATORS IN ADOLESCENTS**
A. Ospanova ⁽¹⁾, A. Kerimkulova ⁽²⁾, V. Veber ⁽³⁾, A. Markabayeva ⁽²⁾
⁽¹⁾ Semey, ⁽²⁾ Astana (KAZAKHSTAN), ⁽³⁾ Veliky Novgorod (RUSSIA)
- EP.34.13** **YOUNG HYPERTENSIVE PATIENTS WITH REVERSE DIPPING PHENOMENON UNMASKING UNDERLYING OBSTRUCTIVE SLEEP APNEA**
E.J.I. Red-Oliver, A.A. Sule
Singapore (SINGAPORE)



MODERATED E-POSTER SESSION 35 - TOTEM 3

BP MEASUREMENT/MONITORING 4

Chairs: G. Bilo (Milan, ITALY), A. Menti (Athens, GREECE)

EP.35.01 POOR ACCURACY OF BLOOD PRESSURE MEASUREMENT IMAGES ON STOCK PHOTO WEBSITES: IMPLICATIONS FOR PUBLIC HEALTH EDUCATION

L. Aminde ⁽¹⁾, F.M.A. Islam ⁽²⁾, V. Cheng ⁽³⁾, C. Saad ⁽¹⁾, Y. Li ⁽¹⁾, A.E. Schutte ⁽⁴⁾

⁽¹⁾ Gold Coast, ⁽²⁾ Hawthorn, ⁽³⁾ Melbourne, ⁽⁴⁾ Sydney (AUSTRALIA)

EP.35.02 PREVALENCE OF REVERSE PULSE PRESSURE AMPLIFICATION USING A TYPE II DEVICE IN HONG KONG COMMUNITY-BASED POPULATIONS

S. Wang, S. Wong, B. Yip, E. Lee
Shatin (HONG KONG SAR, CHINA)

EP.35.03 RELATIONSHIP BETWEEN BLOOD PRESSURE MONITORING DATA AND MORTALITY ACCORDING TO THE HOSPITAL REGISTRY

T. Ilina, V. Gorbunov, M. Lukyanov, Y. Koshelyaevskaya
Moscow (RUSSIA)

EP.35.04 RELATIONSHIP OF OFFICE, HOME, AND AMBULATORY BLOOD PRESSURE VARIABILITY INDICES: A SYSTEMATIC REVIEW AND META-ANALYSIS

K. Kyriakoulis, V. Kytinos, I. Kyriakoulis, G. Stergiou, A. Kollias
Athens (GREECE)

EP.35.05 RELIABILITY OF BLOOD PRESSURE ESTIMATION FOR EXTREME VALUES

E. Villeneuve, P. Blandin, R. Gerbelot, L. Auclair, R. Prada-Mejia, J. Rindone, M. Mastrosimone, C. Sandre-Ballester, M. Coquand-Gandit, D. Anglade, O. Ormezzano
Grenoble (FRANCE)

EP.35.06

SURVEY ON OFFICE BLOOD PRESSURE MEASUREMENT DAILY PRACTICE IN THE HYPERTENSIVE CENTERS OF THE ITALIAN SOCIETY OF HYPERTENSION

F. Saladini ⁽¹⁾, F. Albini ⁽²⁾, A. Di Guardo ⁽³⁾, S. Omboni ⁽⁴⁾, G.P. Fra ⁽⁵⁾, G. Tocci ⁽⁶⁾, G. Parati ⁽²⁾, M.L. Muiesan ⁽⁷⁾, P. Palatini ⁽⁸⁾, G. Bilo ⁽²⁾

⁽¹⁾ Cittadella (Padua), ⁽²⁾ Milan, ⁽³⁾ Catania, ⁽⁴⁾ Varese, ⁽⁵⁾ Novara, ⁽⁶⁾ Rome, ⁽⁷⁾ Brescia, ⁽⁸⁾ Padua (ITALY)

EP.35.07

THE ASSOCIATION BETWEEN ESTIMATED PULSE WAVE VELOCITY AND MASKED HYPERTENSION: RESULTS FROM THE HUNGARIAN AMBULATORY BLOOD PRESSURE MONITORING REGISTRY

J. Nemcsik ⁽¹⁾, Z. Kekk ⁽¹⁾, J. Takács ⁽¹⁾, A. Koller ⁽¹⁾, P. Torzsa ⁽¹⁾, D. Páll ⁽²⁾, D. Pásztor ⁽¹⁾, Z. Járαι ⁽¹⁾

⁽¹⁾ Budapest, ⁽²⁾ Debrecen (HUNGARY)

EP.35.09

THE DYNAMICS OF BLOOD PRESSURE VARIABILITY ASSESSED THROUGH AMBULATORIAL BLOOD PRESSURE MONITORING – 24 HOUR.

T.d.A. Rubio ⁽¹⁾, M.F. Godoy ⁽²⁾, M.P. Landim ⁽²⁾, J.R.R. Uyemura ⁽²⁾, R.C. Barbosa ⁽²⁾, T.P. Minari ⁽²⁾, J.F. Vilela-Martin ⁽²⁾, J.C. Yugar-Toledo ⁽²⁾, H. Moreno ⁽¹⁾

⁽¹⁾ Campinas, ⁽²⁾ São José do Rio Preto (BRAZIL)

EP.35.10

THE IMPACT OF BODY POSTURE ON NOCTURNAL BLOOD PRESSURE AND DIPPING PATTERNS: THE ROLE OF HYDROSTATIC PRESSURE

N. Pilz ⁽¹⁾, K. Narkiewicz ⁽³⁾, J. Wolf ⁽³⁾, L. Fessler ⁽¹⁾, V. Heinz ⁽¹⁾, A. Patzak ⁽¹⁾, T. Bothe ⁽¹⁾

⁽¹⁾ Berlin, ⁽²⁾ Hannover (GERMANY), ⁽³⁾ Gdansk (POLAND)



- EP.35.II THE IMPACT OF PROPER METHODOLOGY ON THE ACCURACY OF OFFICE BLOOD PRESSURE MEASUREMENT: INSIGHTS FROM 2018 ESC/ESH GUIDELINES IN PROJECT CHARTER 2023**
A. Vachulova ⁽¹⁾, R. Sidlo ⁽¹⁾, A. Simkova ⁽²⁾
⁽¹⁾ Bratislava, ⁽²⁾ Pezinok (SLOVAK REPUBLIC)
- EP.35.I2 THERAPEUTIC INERTIA: 15 YEARS ON, NOTHING HAS CHANGED**
B. Jean-Marc ⁽¹⁾, H. Dorian ⁽¹⁾, C. Emilie ⁽¹⁾, L. Zohra ⁽²⁾,
L. Estelle ⁽¹⁾
⁽¹⁾ Nancy, ⁽²⁾ Vandoeuvre (FRANCE)
- EP.35.I3 UNMASKING THE MASKED HYPERTENSION IN BULGARIAN POPULATION**
I. Gruev, S. Naydenov
 Sofia (BULGARIA)
- EP.35.I4 UNRELIABLE BLOOD PRESSURE MEASUREMENTS USING VALIDATED AUTOMATED UPPER ARM CUFF DEVICES IN 861 INDIVIDUALS: PREVALENCE AND DETERMINANTS OF THE PHENOMENON**
D. Mariglis, A. Menti, A. Kollias, G. Stergiou
 Athens (GREECE)
- EP.35.I6 WHAT ARE THE HYPERTENSION KNOWLEDGE AND COMPETENCIES OF AUSTRALIAN MEDICAL STUDENTS AND EDUCATORS? A DUAL-STAKEHOLDER EVALUATION OF MEDICAL EDUCATION**
T. Sheng, S. Ansari, A. Schutte
 Sydney (AUSTRALIA)

MODERATED E-POSTER SESSION 36 - TOTEM 4

EPIDEMIOLOGY 3

Chairs: I. Sudano (Zurich, SWITZERLAND),
A. Schutte (Sydney, AUSTRALIA)

- EP.36.01 LONG-TERM CLINICAL OUTCOME ACROSS STAGES OF CARDIOVASCULAR-KIDNEY-METABOLIC SYNDROME**
J.-H. Shin, H.-J. Kim, B.-S. Kim
 Guri (SOUTH KOREA)
- EP.36.03 NON-HDL-C: THE MISSING PARAMETER IN HYPERTENSION ASSESSMENT**
C. Baeza, I. Sauri, J. Diaz, M.J. Forner, J. Redon, F. Martinez
 Valencia (SPAIN)
- EP.36.05 PERCEIVED RELIGIOUS INFLUENCE ON BLOOD PRESSURE MANAGEMENT AND CARDIOVASCULAR HEALTH BELIEFS AND BEHAVIORS IN JAMAICA AND COLOMBIA**
P. Lopez-Jaramillo ⁽¹⁾, J.P. Lopez-Lopez ⁽¹⁾, F. Allouch ⁽²⁾,
D. Hernandez-Quinones ⁽¹⁾, K.T. Mills ⁽²⁾, J. Chen ⁽²⁾,
D. Martinez-Bello ⁽¹⁾, S. Geng ⁽²⁾, A. Bailey ⁽³⁾, N. Bennett ⁽³⁾
⁽¹⁾ Bucaramanga (COLOMBIA), ⁽²⁾ New Orleans (USA),
⁽³⁾ Mona (JAMAICA)
- EP.36.06 PERINATAL ANTECEDENTS OF VENTRICULAR-ARTERIAL COUPLING IN 11-YEAR-OLD CHILDREN BORN EXTREMELY PREMATURELY OR AT TERM**
D. Zhang, D. An, Y. Li, J. Staessen
 Shanghai (CHINA)



EP.36.07

SCOPING REVIEW OF ONGOING CLINICAL TRIALS ON OLMESARTAN: COMPREHENSIVE EVALUATION OF EFFICACY, SAFETY, AND THERAPEUTIC POTENTIAL IN HYPERTENSION AND COMORBID CONDITIONS

S. Ray⁽¹⁾, C. Lanjewar⁽²⁾, C. Shah⁽¹⁾, A. Singh⁽³⁾, T. Devasia⁽⁴⁾, M. Tiwaskar⁽¹⁾, P. Agrawal⁽⁵⁾, S. Srivastava⁽⁶⁾, S. Suri⁽⁷⁾, S. Asokan⁽⁸⁾
⁽¹⁾ Kolkata, ⁽²⁾ Mumbai, ⁽³⁾ Baroda, ⁽⁴⁾ Manipal, ⁽⁵⁾ Agra, ⁽⁶⁾ Greater Noida, ⁽⁷⁾ Hissar, ⁽⁸⁾ Ernakulam (INDIA)

EP.36.08

SIMULTANEOUS BLOOD PRESSURE AND ATRIAL FIBRILLATION SCREENING IN MAY MEASUREMENT MONTH 2022 AND 2023

G. Kerr⁽¹⁾, T. Beaney⁽¹⁾, M. Schlaich⁽²⁾, A. Schutte^(3,4), G. Stergiou⁽⁵⁾, B. Freedman⁽¹⁾, N. Poulter^(1,3)
⁽¹⁾ London (UNITED KINGDOM), ⁽²⁾ Perth (AUSTRALIA), ⁽³⁾ Sydney (AUSTRALIA), ⁽⁴⁾ Potchefstroom (SOUTH AFRICA), ⁽⁵⁾ Athens (GREECE)

WITHDRAWN

EP.36.09

SUDDEN CARDIAC DEATH IN THE METROPOLITAN REGION OF CAPITAL BRAZILIAN, FROM 2013 TO 2022 – EPIDEMIOLOGICAL PROFILE AND ASSOCIATED FACTORS

A.L.L. Sousa, I.d.J. Rodrigues, L.S. Dias, L.C. França, A.d.S. Menezes Júnior, S.R. Batista
Goiânia (BRAZIL)

EP.36.10

THE GLOBAL BURDEN AND TEMPORAL TRENDS IN MORTALITY OF HYPERTENSIVE HEART DISEASE ATTRIBUTABLE TO HIGH SODIUM INTAKE, 1990 TO 2021: AN AGE-PERIOD-COHORT ANALYSIS

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

EP.36.11

THE TRIGLYCERIDE-GLUCOSE INDEX IS ASSOCIATED WITH CENTRAL BLOOD PRESSURE PARAMETERS IN MIDDLE-AGED AND OLDER ADULTS: THE WAKAYAMA STUDY

N. Miyai⁽¹⁾, Y. Zhang⁽¹⁾, N. Nagatomo⁽²⁾, Y. Sogawa⁽¹⁾, K. Tsuji⁽¹⁾, T. Kawabe⁽¹⁾, M. Arita⁽¹⁾
⁽¹⁾ Wakayama, ⁽²⁾ Kurume (JAPAN)

EP.36.12

TRENDS IN SOCIOECONOMIC STATUS AND HYPERTENSION PREVALENCE IN SOUTH KOREA: A 2007–2018 NATIONWIDE CROSS-SECTIONAL STUDY

I.H. Jung, J.W. Roh, S. Bae, M. Kim
Yongin (SOUTH KOREA)



MODERATED E-POSTER SESSION 37 - TOTEM 5 HEART 3

Chairs: Y. Sener (Rotterdam, THE NETHERLANDS),
H. Naderi (London, UNITED KINGDOM)

EP.37.01 RIGHT VENTRICLE FUNCTIONALITY OF HYPERTENSIVE PATIENTS HOSPITALIZED FOR COVID 19 INFECTION

M. Kariori, C. Fragoulis, A. Prentakis, E. Kontogianni,
D. Konstantinidis, K. Grigoriou, M. Stathouloupoulou,
P. Papakonstantinou, P. Tsioufis, E. Manta, F. Tatakis,
E. Siafi, E. Mantzouranis, C. Thomopoulos, C. Crhysochoou,
A. Politis, K. Tsioufis
Athens (GREECE)

EP.37.02 ROLE OF SECRETED APURINIC/APYRIMIDINIC ENDONUCLEASE I/REDOX FACTOR-I IN HYPOXIA-INDUCED MYOCARDIAL INJURY

J.-O. Jeong, S.-A. Jin, S.-W. Seong, H.-J. Kwon, M.-J. Kim
Daejeon (SOUTH KOREA)

EP.37.03 SEX DIFFERENCES OF "HEART STRESS" IN 200 ASYMPTOMATIC INDIVIDUALS FROM THE POPULATION-BASED SAMPLE

S. Samuilovskaia⁽¹⁾, M. Boyarinova⁽¹⁾, O. Rotar⁽¹⁾,
E. Moguchaia⁽¹⁾, E. Kolesova⁽¹⁾, A. Erina⁽¹⁾, K. Tolkunova⁽¹⁾,
E. Vasilieva⁽¹⁾, I. Iliyanova⁽¹⁾, M. Artomov⁽²⁾, A. Konradi⁽¹⁾
⁽¹⁾ Saint-Petersburg (RUSSIA), ⁽²⁾ Columbus (USA)

EP.37.04

THE EMERGING ROLE OF LEFT ATRIAL STRAIN IN CARDIOVASCULAR RISK STRATIFICATION FOR MULTIPLE MYELOMA PATIENTS UNDERGOING CARFILZOMIB THERAPY

A. Colomba^(1,2), L. Airale⁽²⁾, A. Lasagno⁽²⁾, G. Mingrone^(1,2),
A. Astarita⁽²⁾, F. Vallelonga^(1,2), D. Leone^(1,2), M. Sanapo^(1,2),
A. Paladino^(1,2), F. Novello^(1,2), S. Bringhen⁽²⁾, F. Gay⁽²⁾,
F. Veglio⁽²⁾, A. Milan^(1,2)
⁽¹⁾ Candiolo, ⁽²⁾ Turin (ITALY)

EP.37.05

THE INFLUENCE OF AGT (RS4762) AND GNB3 (RS5443) GENETIC POLYMORPHISMS ON LEFT VENTRICLE REMODELLING

K. Voroniuk, A. Sydorchuk, L. Sydorchuk, Y. Repchuk,
M. Semianiv, R. Sydorchuk
Chernivtsi (UKRAINE)

EP.37.06

THE MOST COMMON PATHOLOGICAL FINDINGS IN ECG OF HIPERTENSIVE PATIENTS IN THE GENERAL ADULT POPULATION OF CROATIA- EHUH 2 study

A. Trobonjaca⁽¹⁾, M. Lovric Bencic⁽²⁾, M. Stupin⁽³⁾, A. Belancic⁽⁴⁾,
B. Pezo⁽²⁾, I. Bitunjac⁽⁵⁾, M. Marinovic Glavic⁽⁴⁾, D. Lovric⁽²⁾,
D. Fabijanic⁽⁸⁾, I. Cepanec⁽²⁾, B. Mandaric⁽²⁾, B. Kokic⁽³⁾,
I. Pecin⁽²⁾, B. Jelakovic⁽²⁾
⁽¹⁾ Opatija, ⁽²⁾ Zagreb, ⁽³⁾ Osijek, ⁽⁴⁾ Rljeka, ⁽⁵⁾ Slavonski brod,
⁽⁸⁾ Split (CROATIA)

EP.37.07

THE RELATIONSHIP BETWEEN THE DEVELOPMENT OF ARRHYTHMIAS AND HEART BLOCKS IN PATIENTS WITH ARTERIAL HYPERTENSION AND COMORBID PATHOLOGY WITH PREVIOUS SARS-COV-2 PNEUMONIA

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



- EP.37.08 THE SIGNIFICANCE OF CARDIOVASCULAR-KIDNEY-METABOLIC SYNDROME IN HYPERTENSIVE PATIENTS**
I. Tasic ⁽¹⁾, I. Tasic ⁽¹⁾, S. Kostic ⁽¹⁾, J. Rakocevic ⁽²⁾,
 D. Djordjevic ⁽¹⁾, K. Stankovic ⁽¹⁾, V. Stoickov ⁽¹⁾, M. Deljanin Ilic ⁽¹⁾
⁽¹⁾ Niš, ⁽²⁾ Beograd (SERBIA)
- EP.37.09 TRIGLYCERIDE-GLUCOSE (TYG) INDEX AND MYOCARDIAL MECHANOENERGETIC EFFICIENCY**
A. Paini, C. Aggiusti, F. Bertacchini, D. Stassaldi, S. Capellini,
 R. Gatta, F. Poiatti, M.L. Muiesan, M. Salvetti
 Brescia (ITALY)
- EP.37.10 VARIABILITY OF ARTERIAL BLOOD PRESSURE AND INTIMA-MEDIA THICKNESS COMPLEX AND THEIR GENOTYPES IN ARTERIAL HYPERTENSION PATIENTS IN THE UZBEK POPULATION.**
Z. Mashkurova, G. Abdullaeva, B. Rozibaev, N. Sadikova,
 G. Radjabova, M. Kamariddinova, G. Hamidullaeva,
 I. Maxmatqulov
 Taskent (UZBEKISTAN)
- EP.37.11 ASSOCIATION OF ORTHOSTATIC BP CHANGES WITH ECHOCARDIOGRAPHIC VARIABLES IN ELDERLY HYPERTENSIVE PATIENTS**
A. Croce, G. Bilo ^(1,2), M. Pengo ^(1,2), A. Zambon ⁽¹⁾,
 D. Soranna ⁽¹⁾, A.M. Ornago ⁽²⁾, M.C. Ferrara ⁽²⁾, A. Riccò ⁽²⁾,
 G. Bellelli ⁽²⁾, G. Parati ^(1,2)
⁽¹⁾ Milan, ⁽²⁾ Monza (ITALY)

MODERATED E-POSTER SESSION 38 - TOTEM 6

CLINICAL STUDIES 3

Chairs: M. Bursztyn (Jerusalem, ISRAEL), G. Rossitto (Padua, ITALY)

- EP.38.01 JOINT ASSOCIATION OF OVERWEIGHT/OBESITY AND ALDOSTERONE WITH SYSTEMIC INFLAMMATION IN PATIENTS WITH ESSENTIAL HYPERTENSION**
C. Wang, Y. Zou, H. Xue
 Beijing (CHINA)
- EP.38.02 LONGITUDINAL CHANGES IN REMNANT CHOLESTEROL AND INCIDENT CARDIOVASCULAR DISEASE**
T. Chen, X. Zhu, Q. Wang, J. Guo
 Beijing (CHINA)
- EP.38.03 OUTCOMES OF THE FIRST 100 PATIENTS MANAGED IN A NEWLY ESTABLISHED HYPERTENSION CLINIC**
F. Moccetti, F. Messerli, M. Wolfrum, S. Toggweiler,
 S. Renate
 Lucerne (SWITZERLAND)
- EP.38.04 PLEIOTROPIC EFFECTS OF INCLISIRAN ON ARTERIAL STRUCTURAL AND FUNCTIONAL PARAMETERS**
M. Bellomare, G. Toscani, C. Tognola, A. Shkodra, M. Algeri,
 S. Fabbri, R. Pirol, I. Garofani, F. Politi, C. Giannattasio,
 A. Maloberti
⁽¹⁾ Milan (ITALY)



EP.38.05 PREVALENCE OF ELEVATED LIPOPROTEIN (A) LEVELS IS NOT HIGHER IN SUBJECTS WITH ARTERIAL HYPERTENSION- EH-UH 2 STUDY

S. Sliskovic⁽¹⁾, K. Paponja⁽¹⁾, M. Marinovic Glavic^(1,2), A. Belancic⁽¹⁾, M. Fucek⁽¹⁾, A. Jelakovic^(1,2), J. Josipovic⁽¹⁾, N. Basic Jukic⁽¹⁾, L. Bilajac^(1,2), M. Bilobrk^(1,2), M. Alagic⁽¹⁾, A.M. Andelic⁽¹⁾, A. Kucina⁽¹⁾, A. Madunic⁽¹⁾, M. Baric⁽¹⁾, I. Ivankovic⁽¹⁾, I. Cepanec⁽¹⁾, I. Pecin⁽¹⁾, Z. Reiner⁽¹⁾, B. Jelakovic⁽¹⁾

⁽¹⁾ Zagreb, ⁽²⁾ Rijeka (CROATIA)

EP.38.06 SEX-DEPENDENCY OF THE EFFECT OF PHYSICAL EXERCISE ON PHYSICAL PERFORMANCE IN DIALYSIS PATIENTS

F. Mallamaci⁽¹⁾, A. Bratsiakou⁽²⁾, G. D'Arrigo⁽¹⁾, G. Tripepi⁽¹⁾, N. Lamberti⁽³⁾, C. Torino⁽¹⁾, F. Manfredini⁽⁴³⁾, C. Zoccali⁽⁴⁾
⁽¹⁾ Reggio Calabria (ITALY), ⁽²⁾ Patras (GREECE), ⁽³⁾ Ferrara (ITALY), ⁽⁴⁾ New York, NY (USA)

EP.38.08 THE DIAGNOSTIC VALUE OF MAGNETOCARDIOGRAPHY FOR LEFT VENTRICULAR REMODELING IN PATIENTS WITH HYPERTENSION

J. Zhang, J. Zhang, Y. Jiang, Y. Zhou
Suzhou (CHINA)

EP.38.09 THE EFFECTS OF FASTING ON BLOOD PRESSURE AND HYDRATATION STATUS IN HYPERTENSIVE PATIENTS DURING THE MONTH OF RAMADAN

M. Alaoui Yazidi, F.Z. Merzouk, R. Habbal, G. Benouna
Casablanca (MOROCCO)

EP.38.10 THE PREDICTIVE ROLE OF URINARY PROTEOMICS IN BLOOD PRESSURE RESPONSE OF OBESE HYPERTENSIVE PATIENTS, TREATED WITH IRBESARTAN OR EPLERENONE: STUDY DESIGN AND BASELINE CHARACTERISTIC

S. Drogkaris, P. Iliakis, M. Kouremeti, D. Polyzos, K. Papadomarkaki, A. Sakalidis, F. Tatakis, P. Tsioufis, A. Kasiakogias, D. Konstantinidis, K. Dimitriadis, K. Tsioufis
Athens (GREECE)

EP.38.11 TIME COURSE AND DEGREE OF REVERSE LEFT VENTRICULAR REMODELLING AND DIASTOLIC FUNCTION CHANGE IN SUBJECTS WITH HYPERTENSION

L. Giusti⁽¹⁾, R. McNally⁽¹⁾, S. Masi⁽²⁾, S. Buralli⁽²⁾, A. Hernandez Rubio⁽¹⁾, P.J. Chowienzyk⁽¹⁾, L. Faconti⁽¹⁾
⁽¹⁾ London (UNITED KINGDOM), ⁽²⁾ Pisa (ITALY)

EP.38.12 URINARY SODIUM TO POTASSIUM RATIO AS AN INDEX OF CARDIOVASCULAR HEALTH IN PATIENTS WITH RHEUMATOID ARTHRITIS

P. Anyfanti, C. Antza, E. Angeloudi, C. Savva, T. Dimitroulas, E. Gkaliagkousi, V. Kotsis
Thessaloniki (GREECE)



MODERATED E-POSTER SESSION 39 - TOTEM 7

PHARMACOTHERAPY 2

Chairs: D. Agnoletti (Bologna, ITALY), T. de Backer (Brussels, BELGIUM)

EP.39.01 HEART RATE VARIABILITY AND BAROREFLEX SENSITIVITY AS PREDICTORS OF ANTIHYPERTENSIVE DRUG RESPONSES

H. Sáñez Tähtisalo, J. Virolainen, K. Porthan, K. Kontula, T. Hiltunen
Helsinki (FINLAND)

EP.39.02 HYDROCHLOROTHIAZIDE ADDED TO ANGIOTENSIN RECEPTOR BLOCKERS THERAPY MAY INCREASE BLOOD PRESSURE AND ALLOW THE ONSET OF BRIEF PHASES OF ATRIAL FIBRILLATION

C.A. Paterno Marchioli
Castiglione Fiorentino (ITALY)

EP.39.03 IS HYPERTENSION OR ANTIHYPERTENSIVE TREATMENT ASSOCIATED WITH ALTERED EXPRESSION OF ANGIOTENSIN-CONVERTING ENZYME-2 IN HUMAN TISSUES

M. Saleem, S. Saluja, B. Keavney, M. Alawami
Manchester (UNITED KINGDOM)

EP.39.04 LEGACY OF STATINS IN CARDIOVASCULAR DISEASE

J. Meireles-Brandao, L. Meireles-Brandao
Porto (PORTUGAL)

EP.39.06

PHARMACOKINETIC VARIABILITY OF AMLODIPINE SERUM CONCENTRATION AND EFFECT ON BLOOD PRESSURE IN PATIENTS TREATED FOR HYPERTENSION

S. Rognstad⁽¹⁾, C.L. Soeraas⁽¹⁾, C. Brunborg⁽¹⁾, L.V. Halvorsen⁽¹⁾, K.M. Brobak⁽²⁾, E. Olsen⁽³⁾, O.U. Bergland⁽¹⁾, A. Aune⁽⁴⁾, S.S. Tuv⁽¹⁾, A.C. Svarstad⁽¹⁾, P.E. Clasen⁽¹⁾, R. Haldrud⁽¹⁾, A.C.K. Larstorp^(1,2), A. Helland⁽³⁾, M.S. Opdal⁽¹⁾
⁽¹⁾ Oslo, ⁽²⁾ Tromsø, ⁽³⁾ Trondheim, ⁽⁴⁾ Bergen (NORWAY)

EP.39.07

PREVALENCE OF NONADHERENCE TO ANTI-HYPERTENSIVE THERAPY IN THE FIRST YEAR AFTER STROKE

I. Lobo, M. Lobo, T. Costa, T. Medeiros, S. Tavares
Matosinhos (PORTUGAL)

EP.39.08

THE IMPACT OF ANGIOTENSIN-CONVERTING ENZYME INHIBITORS AND ANGIOTENSIN RECEPTOR BLOCKERS ON MULTIPLE CARDIOVASCULAR OUTCOMES: A SYSTEMATIC REVIEW AND META-ANALYSIS

S. Masi⁽¹⁾, G. Savarese⁽²⁾, N. Orsini⁽²⁾, M. Strauss⁽³⁾
⁽¹⁾ Pisa (ITALY), ⁽²⁾ Stockholm (SWEDEN), ⁽³⁾ Toronto (CANADA)

EP.39.09

TO ASSESS THE IMPACT OF SIX-MONTH FIXED COMBINATION THERAPY WITH PERINDOPRIL AND AMLODIPINE ON MYOCARDIAL DEFORMATION PROPERTIES OF THE LEFT VENTRICLE (LV) IN PATIENTS WITH ARTERIA

S. Bekmetova, G. Abdullaeva, G. Khamidullaeva, S. Fayzullaeva, K. Yusupova, M. Atoyeva
Tashkent (UZBEKISTAN)



EP.39.I0 TWICE-DAILY ADMINISTRATION OF SINGLE-PILL COMBINATIONS IN ANTIHYPERTENSIVE THERAPY IN EVERYDAY PRACTICE.

P. Légrády, I. Fejes, G. Ábrahám
Szeged (HUNGARY)

EP.39.II URIC ACID IN HYPERTENSION AND CARDIOVASCULAR DISEASE

J. Meireles-Brandao, L. Meireles-Brandao
Porto (PORTUGAL)

MODERATED E-POSTER SESSION 40 - TOTEM 8

BRAIN

Chair: D. Hering (Gdansk, POLAND)

EP.40.01 A NESTED CASE-CONTROL STUDY OF PLASMA-BASED EXTRACELLULAR VESICLES BIOMARKERS OF ALZHEIMER'S DISEASE

L. Yang
Hangzhou (CHINA)

EP.40.02 AMBULATORY BLOOD PRESSURE 6 MONTHS POST STROKE IS A BETTER PREDICTOR OF WHITE MATTER HYPERINTENSITIES THAN CLINIC BLOOD PRESSURE

M. D'Alton, M. Baby, L. Donaghy, O.C. Sheehan, E. Dolan
Dublin (IRELAND)

EP.40.03 ANALYSIS OF INTRACRANIAL COMPLIANCE PARAMETERS IN DIFFERENT STAGES OF HYPERTENSION

M. Costa Correia ⁽¹⁾, S. Inuzuka ⁽¹⁾, M. Martins da Costa ⁽¹⁾,
P. Valverde de O. Vitorino ⁽¹⁾, A.L. Lima Sousa ⁽¹⁾,
P. V. de T. Piza ⁽¹⁾, G. Frigieri ⁽²⁾, A. Araujo Brandão ⁽⁵⁾,
E.M. Gonçalves Campana ⁽³⁾, A. Diógenes de M. Feitosa ⁽⁴⁾,
M. Mota ⁽⁵⁾, E. Costa Duarte Barbosa ⁽⁶⁾,
C. da Silva Dal Pont ⁽⁷⁾, W. K. S. Barroso ⁽¹⁾
⁽¹⁾ Goiânia, ⁽²⁾ São Paulo, ⁽³⁾ Rio de Janeiro, ⁽⁴⁾ Recife,
⁽⁵⁾ Maceió, ⁽⁶⁾ Porto Alegre, ⁽⁷⁾ Cruzeiro do Sul (BRAZIL)

EP.40.04 ANKLE-BRACHIAL INDEX (ABI) AS A PREDICTOR OF MILD COGNITIVE IMPAIRMENT (MCI) IN PRIMARY CARE PRACTICE (PCP).

A. Posadzy-Malaczynska, L. Woznicka-Leskiewicz,
A. Gostynska, A. Puszcz
Poznan (POLAND)



EP.40.05 ARTERIAL HYPERTENSION AND DIABETES MELLITUS – IMPORTANT RISK FACTORS OF STROKE

L. Gaspar⁽¹⁾, V. Vestenicka⁽²⁾, I. Kmetova⁽²⁾
⁽¹⁾ Trnava, ⁽²⁾ Bratislava (SLOVAK REPUBLIC)

EP.40.06 ASSOCIATION BETWEEN NEUTROPHIL PERCENTAGE-TO-ALBUMIN RATIO AND RISK OF STROKE IN PATIENTS WITH HYPERTENSION: A COHORT STUDY

L. Wang, Z. Liu, N. Zhang, X. Liu, F. Fan, L. Zhang, Y. Zhang, J. Li
Beijing (CHINA)

EP.40.07 CONCORDANCE BETWEEN MINI-MENTAL STATE EXAMINATION, MONTREAL COGNITIVE ASSESSMENT AND MEMORY AND EXECUTIVE SCREENING FOR THE ASSESSMENT OF COGNITIVE DECLINE IN HYPERTENSIVE PATIENTS

K. Mzoughi, S. Saidane, S. Hamdi, W. Hamdi, Y. El Kharass, W. Ben Fekih, L. Boulares, A. Chakroun
Bizerte (TUNISIA)

EP.40.08 CORRELATION BETWEEN BLOOD PRESSURE PARAMETERS AND CEREBRAL COMPLIANCE IN HYPERTENSIVE PATIENTS

M. Martins da Costa⁽¹⁾, A.L. Lima Sousa⁽¹⁾, M. Costa⁽¹⁾, S. Inuzuka⁽¹⁾, G. Frigiére⁽²⁾, W. Kunz Sebba Barroso⁽¹⁾, A.C. Domingos Caser⁽¹⁾, A.F. Figueiredo Paro Piai⁽¹⁾, B. Silveira Marques⁽¹⁾
⁽¹⁾ Goiânia, ⁽²⁾ São Paulo (BRAZIL)

EP.40.09 COVID-ASSOCIATED STROKE: RISK FACTORS AND POLYMORBIDITY OF THE LESION

E. Zbyshevskaia, T. Makeeva, M. Mayer, F. Talibov
St. Petersburg (RUSSIA)

EP.40.10 PREVALENCE OF COGNITIVE IMPAIRMENT IN A POPULATION WITH ATRIAL FIBRILLATION AND ITS RELATIONSHIP WITH ARTERIAL HYPERTENSION

M.N. Rivero, V. Más, A. Pereira, P. Spósito
Montevideo (URUGUAY)

EP.40.11 THE IMPACT OF LDL CHOLESTEROL LEVELS ON THE SEVERITY OF DEPRESSION IN PATIENTS WITH ESSENTIAL HYPERTENSION

K. Yusupova, G. Abdullaeva, G. Khamidullaeva
Tashkent (UZBEKISTAN)

EP.40.12 THE SEVERITY OF COGNITIVE IMPAIRMENT IN PATIENTS WITH ESSENTIAL HYPERTENSION AND ATRIAL FIBRILLATION

K. Yusupova, G. Abdullaeva, G. Khamidullaeva, Z. Mashkurova, G. Radjabova
Tashkent (UZBEKISTAN)



MODERATED E-POSTER SESSION 41 - TOTEM 9

OBESENITY

Chairs: R. Canello (Milan, ITALY), P. Sinigoi (Ljubljana, SLOVENIA)

EP.41.01 ARTERIAL HYPERTENSION, HEART RATE, AND ARTERIAL STIFFNESS IN OVERWEIGHT AND OBESE PATIENTS

I. Sokolovic Tahtovic, S. Sokolovic
Sarajevo (BOSNIA AND HERZEGOVINA)

EP.41.02 ASSOCIATION BETWEEN ENDOCRINE CHARACTERISTICS AND BLOOD PRESSURE IN OVERWEIGHT AND OBESE CHINESE ADULTS

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

EP.41.03 BLOOD PRESSURE MEDIATES THE RELATION BETWEEN BODY MASS INDEX AND TARGET ORGAN DAMAGE

I. Papassotiriou, S. Spiliopoulou, D. Dragonas, N. Tsoutsoura,
K. Rizogiannis, E. Manios
Athens (GREECE)

EP.41.04 DIFFERENT RISK FACTORS FOR ELEVATED BLOOD PRESSURE ACCORDING TO ABDOMINAL OBESENITY IN OVERWEIGHT CHILDREN AND ADOLESCENTS

S. Kim⁽¹⁾, S. Jeong⁽²⁾, H.-R. Kim⁽³⁾
⁽¹⁾ Seongnam, ⁽²⁾ Suwon, ⁽³⁾ Seoul (SOUTH KOREA)

EP.41.05 DISORDERS OF THE NEUROHUMORAL, PSYCHOLOGICAL, AND ELECTRONEUROPHYSIOLOGICAL PROFILE IN PATIENTS WITH ARTERIAL HYPERTENSION AND EXOGENOUS CONSTITUTIONAL OBESENITY

N. Khutsishvili⁽¹⁾, S. Geldiyeva⁽²⁾, T. Nikishova⁽³⁾,
V. Tolkacheva⁽²⁾, K. Aiubov⁽²⁾, A. Abramov⁽²⁾, I. Nazarov⁽²⁾,
Z. Kobalava⁽²⁾
⁽¹⁾ Tbilisi (GEORGIA), ⁽²⁾ Moscow, ⁽³⁾ Kazan (RUSSIA)

EP.41.06

HIGH-PROTEIN KETOGENIC DIET VERSUS LOW-CALORIE, LOW-SODIUM, HIGH-POTASSIUM MEDITERRANEAN DIET IN OVERWEIGHT/OBESE PATIENTS WITH HIGH-NORMAL BLOOD PRESSURE OR GRADE I HYPERTENSION

R. Sarzani, L. Stella, M. Landolfo, A. Gezzi, F. Spannella,
P. Turri, L. Sabbatini, S. Cecchi, B. Lucchetti, M. Petrelli
Ancona (ITALY)

EP.41.07

INTERPLAY BETWEEN BLOOD PRESSURE PARAMETERS WITH BODY COMPOSITION AND OXIDATIVE STRESS PARAMETERS IN DALMATIAN DIABETIC PATIENTS

M. Radic, M. Vuckovic, H. Dogas, A. Gelemanovic, J. Radic
Split (CROATIA)

EP.41.08

OBESENITY AND HEART RATE VARIABILITY IN HYPERTENSIVE PATIENTS: IMPLICATION OF THE AUTONOMIC NERVOUS SYSTEM

K. Derbel, S. Rouatbi, F. Chaieb
Sousse (TUNISIA)

EP.41.09

OLMESARTAN FOR IMMUNE MODULATION AND ATTENUATION OF MYOCARDIAL FIBROSIS IN OBESENITY-INDUCED CARDIAC DYSFUNCTION

S.H. Ihm⁽¹⁾, E.H. Choo⁽¹⁾, B.-K. Lim⁽²⁾
⁽¹⁾ Seoul, ⁽²⁾ Goesan (SOUTH KOREA)

EP.41.10

THE EFFECT OF BARIATRIC SURGERY ON BLOOD PRESSURE IN SHORT- AND LONG-TERM FOLLOW-UP

M. Humiecka, A. Sawicka, W. Tarnowski, P. Jankowski
Warsaw (POLAND)



MODERATED E-POSTER SESSION 42 - TOTEM IO

VASCULATURE 3

Chair: R.M. Bruno (Paris, FRANCE), A. Grillo (Trieste, ITALY)

EP.42.01 NO SIGNIFICANT ASSOCIATION BETWEEN CENTRAL AORTIC PRESSURE WITH HEMODYNAMIC CHANGES AND CARDIAC REMODELLING IN MIDDLE-AGED ADULTS WITH STAGE I HYPERTENSION – COULD 24 HOURS MEASURE

V. Prelevic ⁽¹⁾, A. Jelakovic ⁽²⁾, K. Gasparovic ⁽²⁾, M. Domislovic ⁽²⁾, J. Josipovic ⁽²⁾, D. Radunovic ⁽¹⁾, M. Fucek ⁽²⁾, M. Zivko ⁽²⁾, B. Jelakovic ⁽²⁾

⁽¹⁾ Podgorica (MONTENEGRO), ⁽²⁾ Zagreb (CROATIA)

EP.42.02 PATTERNS OF RESPONSE OF CUSTOMERS OF COMMUNITY PHARMACIES TO ESTIMATING VASCULAR AGE IN THE TOGETHER-TRIAL

E. Rodilla, J. Chordá Ribelles, P. Mallent, S. El Bechouti, P. Levchenko, E. Alonso, M. Gil, S. Martínez, L. Salar, V. Baixauli, Z. Montalar, J.A. Costa Muñoz
Valencia (SPAIN)

EP.42.03 PREDICTIVE VALUE OF ESTIMATED PULSE WAVE VELOCITY FOR ALL-CAUSE AND CARDIOVASCULAR MORTALITY, AND NON-FATAL CARDIOVASCULAR OUTCOMES - A LONGITUDINAL FOLLOW-UP ENAH STUDY

M. Domislovic ⁽¹⁾, V. Domislovic ⁽¹⁾, D. Radunovic ⁽²⁾, J. Josipovic ⁽¹⁾, A. Jelakovic ^(1,3), V. Prelevic ⁽²⁾, J. Kos ⁽¹⁾, M. Zivko ⁽¹⁾, M. Abramovic Baric ⁽⁴⁾, V. Matijevic ⁽⁴⁾, I. Brzic ⁽⁴⁾, N. Bukal ⁽⁵⁾, M. Banadinovic ⁽¹⁾, A. Dzakula ⁽¹⁾, B. Jelakovic ⁽¹⁾
⁽¹⁾ Zagreb (CROATIA), ⁽²⁾ Podgorica (MONTENEGRO), ⁽³⁾ Rijeka (CROATIA), ⁽⁴⁾ Bebrina (CROATIA), ⁽⁵⁾ Slavonski Brod (CROATIA)

EP.42.04 PROGNOSIS OF ARRHYTHMIC EVENTS IN HYPERTENSIVES: WHAT MAKES THE "ELECTRIC CLOCK" TICK?

P. Alexiou, D. Terentes-Printzios, N. Ioakeimidis, K.-P. Gkini, K. Aznaouridis, V. Gardikioti, E. Sigala, I. Dima, M.E. Koilakou, K. Tsioufis, C. Vlachopoulos
Athens (GREECE)

EP.42.05 PULSE WAVE VELOCITY IS SIGNIFICANTLY REDUCED IN MASTER ATHLETES COMPARED TO SEDENTARY OLDER PERSONS

S. Moestl ⁽¹⁾, L. Kloesges ⁽¹⁾, B. Giri ⁽²⁾, R. Draeger ⁽³⁾, L.N. Kennes ⁽³⁾, H. Tanaka ⁽⁴⁾, P. Chilibeck ⁽⁵⁾, D. Arvidsson ⁽⁶⁾, J. Jordan ⁽¹⁾, J. Tank ⁽¹⁾, M. Gollasch ^(2,7), J. Rittweger ⁽¹⁾
⁽¹⁾ Cologne, ⁽²⁾ Wolgast, ⁽³⁾ Stralsund (GERMANY), ⁽⁴⁾ Austin, TX (USA), ⁽⁵⁾ Saskatchewan (CANADA), ⁽⁶⁾ Gothenburg (SWEDEN), ⁽⁷⁾ Greifswald (GERMANY)

EP.42.06 REFERENCE VALUES OF BRACHIAL ANKLE PULSE WAVE VELOCITY IN GREEK POPULATION AND VALIDATION BASED ON TOTAL CARDIOVASCULAR RISK AND CAROTID ATHEROSCLEROSIS

A. Komnianou, K. Kyriakoulis, A. Menti, P. Stathopoulou, V. Ntousopoulos, P. Lempidaki, E. Ntaskagianni, D. Mariglis, G. Stergiou, A. Kollias
Athens (GREECE)

EP.42.07 SILENT DISEASE- UNEXPECTED DISCOVERY OF PENETRATING AORTIC ULCER

M. Gryciuk, J. Slon, P. Swieton, E. Szczykowska, K. Wilk-Sledziowska, E. Zbroch
Bialystok (POLAND)



- EP.42.08** **SYSTEMIC ARTERIAL STIFFNESS AND LEFT VENTRICULAR FUNCTION IN PATIENTS WITH SYSTEMIC HYPERTENSION VS PULMONARY HYPERTENSION**
G. Radchenko, I. Zhyvilo, Y. Botsiuk, Y. Sirenko
Kyiv (UKRAINE)
- EP.42.09** **THE IMPACT OF MULTIPLE RENAL ARTERIES ON HYPERTENSION AND CARDIOVASCULAR RISK: A COMPARATIVE ANALYSIS**
J.J. Josipovic ⁽¹⁾, T. Krpan ⁽¹⁾, A. Jelakovic ⁽¹⁾, I. Ivanko ⁽¹⁾, V. Prelevic ⁽²⁾, B. Jelakovic ⁽¹⁾
⁽¹⁾ Zagreb (CROATIA), ⁽²⁾ Podgorica (MONTENEGRO)
- EP.42.10** **THE PROGNOSTIC ASSOCIATION OF AMBULATORY PULSE WAVE VELOCITY WITH ALL-CAUSE MORTALITY IN PATIENTS UNDERGOING PERITONEAL DIALYSIS: A PROSPECTIVE OBSERVATIONAL STUDY**
G. Vareta ⁽¹⁾, V. Vaios ⁽¹⁾, P. Georgianos ⁽¹⁾, I. Kontogiorgos ⁽¹⁾, A. Tsinari ⁽¹⁾, E. Geropoulou ⁽¹⁾, E. Dounousi ⁽²⁾, E. Balaskas ⁽¹⁾, P. Zebekakis ⁽¹⁾, V. Liakopoulos ⁽¹⁾
⁽¹⁾ Thessaloniki, ⁽²⁾ Ioannina (GREECE)

MODERATED E-POSTER SESSION 43 - TOTEM II CHILDREN AND ADOLESCENTS

Chairs: A. Leiba (Ashdod, ISRAEL)

- EP.43.01** **ACUTE HYPERTENSION AS A CLINICAL MANIFESTATION IN ADOLESCENTS WITH SUBSTANCE OF ABUSE OVERDOSE: A SIX-YEAR MULTICENTER ANALYTICAL STUDY**
A.C. Stratula, A.M. Popescu, L. Grigoras, T. Olsavszky, D.A. Boghitou, I. Vivisenco, C.E. Ulmeanu, V. Nitescu
Bucharest (ROMANIA)
- EP.43.02** **AORTIC PRESSURE WAVE REFLECTION AND CARDIAC BLOOD SUPPLY-WORKLOAD BALANCE FROM INFANTS TO YOUNG ADULTS**
T. Murakami
Sapporo (JAPAN)
- EP.43.03** **BLOOD PRESSURE MEASUREMENT IN CHILDREN AND ADOLESCENTS IN SCHOOL HEALTH SERVICES**
N. Petricevic, V. Herceg-Cavrak
Zagreb (CROATIA)
- EP.43.04** **HEALTHY LIFESTYLE AND CARDIOVASCULAR DISEASE AWARENESS AMONG ADOLESCENTS FROM THE CAPITAL OF BULGARIA**
S. Nedkov Tsonev, N. Gerova
Sofia (BULGARIA)
- EP.43.05** **IMPACT OF ELEVATED BLOOD PRESSURE ON CARDIAC MECHANICS IN CHILDREN AND ADOLESCENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS**
A. Faggiano ⁽¹⁾, E. Gherbesi ⁽¹⁾, C. Sala ⁽¹⁾, S. Carugo ⁽¹⁾, G. Grassi ⁽¹⁾, M. Tadic ⁽²⁾, C. Cuspidi ⁽¹⁾
⁽¹⁾ Milan (ITALY), ⁽²⁾ Ulm (GERMANY)



- EP.43.06 INAPPROPRIATE LEFT VENTRICULAR MASS IN HYPERTENSIVE ADOLESCENTS**
C. Esis, E. Silva, M. Bracho, G. Bermudez, M. Sayago, T. Sulbaran, S. Juan
Maracaibo (VENEZUELA)
- EP.43.07 NEPHROCALCINOSIS AND PROTEINURIA AS SYMPTOMS OF HYPERTENSION IN AN INFANT**
J. Koziej, K. Skoczynski, J. Pilip, L. Obrycki, M. Litwin
Warsaw (POLAND)
- EP.43.08 NIGHTTIME BLOOD PRESSURE PHENOTYPES AND PRECLINICAL TARGET-ORGAN DAMAGE IN YOUNG INDIVIDUALS**
A. Theodosiadi, A. Kollias, A. Ntineri, A. Destounis, A. Menti, M.-E. Zeniodi, E. Stambolliu, G. Servos, I. Moyssakis, A. Vazeou, G. Stergiou
Athens (GREECE)
- EP.43.09 RELATIONSHIP BETWEEN OBESITY INDEXES AND BLOOD PRESSURE IN HISPANIC ADOLESCENTS**
E. Silva, G. Bermudez, F. Madueno, M. Bracho, C. Esis
Maracaibo (VENEZUELA)
- EP.43.10 THE RELATIONSHIP BETWEEN PARENTAL SOCIOECONOMIC POSITIONS AND CHILDREN'S BLOOD PRESSURE: A CROSS-SECTIONAL STUDY USING 2020-2022 KNHANES**
Y.-M. Kim ⁽¹⁾, S.H. Kim ⁽²⁾, E.M. Lee ⁽³⁾
⁽¹⁾ Seoul, ⁽²⁾ Seongnam, ⁽³⁾ Gunpo (SOUTH KOREA)

MODERATED E-POSTER SESSION 44 - TOTEM I2

PATHOPHYSIOLOGY/MECHANISMS 2

Chairs: L. Bronze (Lisbon, PORTUGAL),
C. Delles (Glasgow, UNITED KINGDOM)

- EP.44.01 EFFECT OF INTERMITTENT INHALATION OF 4% MOLECULAR HYDROGEN ON HAEMODYNAMIC INDICES OF BAROREFLEX REGULATION IN ANIMALS WITH MONOCROTALIN-INDUCED PULMONARY HYPERTENSION**
T. Kuropatkina, M. Artemieva, L. Kozaeva, N. Medvedeva, O. Medvedev
Moscow (RUSSIA)
- EP.44.03 EFFECTS OF HIGH-FAT AND HIGH-SALT DIETS ON MESENTERIC ADIPOSE TISSUE: ROLE OF THE NATRIURETIC PEPTIDE SYSTEM**
N.M. Kouyoumdzian, M.C. Kim, S.M. Cantú, N.L. Rukavina, Mikusic, M.J. Rudi, C. Domínguez, A.M. Puyó, A.S. Donoso, M.R. Choi, H.J. Lee
Buenos Aires (ARGENTINA)
- EP.44.04 EXAMINING THE ROLE OF RARE WHOLE-GENOME SEQUENCING VARIANTS IN ARTERIAL STIFFNESS TO ADDRESS MISSING HERITABILITY: A GWAS STUDY OF 70,279 PARTICIPANTS IN THE UK BIOBANK**
S. Saluja ⁽¹⁾, S. Anderson ⁽¹⁾, S. Williams ⁽¹⁾, H. Cordell ⁽²⁾, R. Lennon ⁽¹⁾, M. Alawami ⁽¹⁾, B. Keavney ⁽¹⁾
⁽¹⁾ Manchester, ⁽²⁾ Newcastle (UNITED KINGDOM)



EP.44.05 IMPACT OF THE INHIBITION OF RENAL DOPAMINERGIC SYSTEM ON BLOOD PRESSURE AND INFLAMMATORY RESPONSE IN THE KIDNEY

N.M. Kouyoumdzian, G.D. Risso, M.C. Kim, P.D. Prince, B. Perazzi, H.J. Lee, N.L. Rukavina Mikusic, M.R. Choi
Buenos Aires (ARGENTINA)

EP.44.06 MASS SPECTROMETRY-BASED QUANTIFICATION OF ACTIVE ANGIOTENSINOGEN IN DIFFERENT VERTEBRATE SPECIES

D. van Oyen, M. Zillinger, M. Poglitsch, C. Schwager, O. Domenig
Vienna (AUSTRIA)

EP.44.07 MELATONIN DECREASES T LYMPHOCYTES INFILTRATION TO THE KIDNEYS OF HIGH SALT DIET FED RATS BY RESYNCHRONIZATION OF THE KIDNEY CIRCADIEN CLOCK

R. Khashab, D. Lendengolts, D. Castel, A. Leibowitz
Ramat Gan (ISRAEL)

EP.44.08 NATRIURETIC RESPONSE TO SALINE LOAD IN PATIENTS WITH PRIMARY ALDOSTERONISM

D. Bagordo⁽¹⁾, G. Bertoldi⁽¹⁾, B. Caroccia⁽¹⁾, I. Caputo⁽¹⁾, F.B. Rossi⁽¹⁾, M. Iacobone⁽¹⁾, F. Torresan⁽¹⁾, T.M. Seccia⁽¹⁾, G.P. Rossi⁽¹⁾, G. Rossitto^(1,2)
⁽¹⁾ Padua (ITALY), ⁽²⁾ Glasgow (UNITED KINGDOM)

EP.44.09 ROLE OF CYTOCHROME P450 GENE RS1126742 POLYMORPHISM AND RISK OF HYPERTENSION

Y. Jiang, Z. Huang, Y. Zhou
Suzhou (CHINA)

EP.44.10 SEX DIFFERENCES IN THE ASSOCIATION OF SERUM URIC ACID LEVELS AND ATHEROMATOSIS OF CAROTID ARTERIES IN HYPERTENSIVE PATIENTS

A. Karamanou, M. Papavasileiou, M. Doulas, G. Moustakas, D. Aravantinos, A. Pittaras
Athens (GREECE)

EP.44.11 SMALL-RNAOME OF URINARY EXTRACELLULAR VESICLES REVEALS ASSOCIATION OF HIGH SODIUM DIET WITH RENAL PRO-INFLAMMATORY PATHWAYS IN PATIENTS WITHOUT HYPERTENSION

F. Buffolo⁽¹⁾, J. Burrello⁽¹⁾, B. Pardini⁽²⁾, S. Tarallo⁽²⁾, E. Casalone⁽¹⁾, G. Birolo⁽¹⁾, M.A. Pomatto⁽¹⁾, B. Honzel⁽³⁾, L. Tsai⁽³⁾, P. Mulatero⁽¹⁾, A. Vaidya⁽³⁾, S. Monticone⁽¹⁾
⁽¹⁾ Turin, ⁽²⁾ Candiolo (ITALY), ⁽³⁾ Boston, MA (USA)

EP.44.12 SYMPATHOINHIBITORY AFFERENT NERVE PATHWAYS FROM THE KIDNEY IN RATS – PHYSIOLOGICAL AND PATHOPHYSIOLOGICAL EFFECTS OF SODIUM

K. Rodionova⁽¹⁾, T. Ditting⁽²⁾, A. Dietz⁽¹⁾, F. Fahrmeier⁽¹⁾, S. Loosen⁽¹⁾, R. Schmieder⁽¹⁾, M. Schiffer⁽¹⁾, K. Amann⁽¹⁾, R. Veelken^(1,2)
⁽¹⁾ Erlangen, ⁽²⁾ Nuremberg (GERMANY)

EP.44.13 THE INVERSE RELATIONSHIP OF PULSE PRESSURE TO LDL CHOLESTEROL IN PATIENTS WITH TYPE II DIABETES AND CKM (CARDIO KIDNEY METABOLIC) DISEASE

K. Ahmed⁽¹⁾, O. Ali⁽²⁾, M. Ahmed⁽²⁾
⁽¹⁾ Kosice I (SLOVAK REPUBLIC), ⁽²⁾ Abu Dhabi (UNITED ARAB EMIRATES)



MODERATED E-POSTER SESSION 45 - TOTEM I3

SECONDARY HYPERTENSION 2

Chairs: P. Delmotte (Hyon, BELGIUM), M. Pengo (Milan, ITALY)

- EP.45.01 IMMUNE PROFILES IN KCNJ5-MUTANT ALDOSTERONE-PRODUCING ADENOMAS: PILOT CHARACTERISATION OF AGE AND GENDER DIFFERENCES**
N.E. Zaidi ⁽¹⁾, A. Aminuddin ⁽¹⁾, F. Abdul Latif ⁽¹⁾, A.N. Abd Rahman ⁽¹⁾, M. Mustangin ⁽¹⁾, N.H. Md Latar ⁽¹⁾, N.A. Johdi ⁽¹⁾, A. Ali ⁽¹⁾, N.H. Abd Aziz ⁽¹⁾, A.B. Nasruddin ⁽²⁾, M. Solar ⁽³⁾, N. Sukor ⁽¹⁾, E.A. Azizan ⁽¹⁾
⁽¹⁾ Kuala Lumpur, ⁽²⁾ Putrajaya (MALAYSIA), ⁽³⁾ Hradec Králové (CZECH REPUBLIC)
- EP.45.02 IMPACT OF PARATHYROIDECTOMY ON VASCULAR STIFFNESS: EXPLORING PULSE WAVE VELOCITY AND RENAL RESISTIVE INDEX**
T. Pasquier, A. Huber, M. Demarchi, S. Sadowski, F. Tripotez, S. De Seigneux, B. Ponte
Geneva (SWITZERLAND)
- EP.45.03 ONE GLAND, MANY CHALLENGES: A CASE OF SECONDARY HYPERTENSION DUE TO ADENOMA IN A SINGLE ADRENAL GLAND**
A. Boromiz, A. Preda, S. Totolici, A.-M. Vrabie, E. Badila
Bucharest (ROMANIA)
- EP.45.04 PICKERING SYNDROME: THE CRITICAL ROLE OF ENDOVASCULAR REVASCULARIZATION. A CASE SERIES AND META-ANALYSIS**
M. Regolo ⁽¹⁾, M. Pappaccogli ⁽²⁾, L. Ponsa ⁽²⁾, M. Genovese ⁽²⁾, F. Rabbia ⁽²⁾, L. Malatino ⁽¹⁾, F. Veglio ⁽²⁾
⁽¹⁾ Catania, ⁽²⁾ Turin (ITALY)

- EP.45.05 PREVALENCE AND ETIOLOGY OF SECONDARY HYPERTENSION IN YOUNG HYPERTENSIVE TERTIARY CARE PATIENTS**
J. Vesamo, K. Suvila, T. Niiranen
Turku (FINLAND)
- EP.45.06 PREVALENCE OF METABOLIC DISORDERS IN A SERIES OF 160 PATIENTS WITH PRIMARY ALDOSTERONISM**
C. Grasselli, L. Salvi, M. Baldini, G. Vestita, M.G. Corradini Zini, G. Zicconi, A. Ghirarduzzi
Reggio Emilia (ITALY)
- EP.45.07 RASI FOR UNILATERALLY SUCCESSFUL AVS CANNULATIONS - TOO GOOD TO BE TRUE?**
M.M. Blesson, M. Shaukat, J. Clayton, A. Sathyanarayanan
Nottingham (UNITED KINGDOM)
- EP.45.08 SECONDARY HYPERTENSION, LONG WAY**
N. Andreychuk, C. Corberà Ferrando, C. Gastón Martínez, J.M. Martos Nogales, A.M. González-Lleó, A. Castro Salomó Reus
Reus (SPAIN)
- EP.45.09 THE EFFECT OF LOW SODIUM INTAKE ON THE ALDOSTERONE-TO-RENIN RATIO IN ESSENTIAL HYPERTENSIVES**
R. Alnazer
Maastricht (THE NETHERLANDS)
- EP.45.10 THE IMPACT OF CHRONIC ALDOSTERONISM ON URINARY SODIUM-TO-POTASSIUM RATIO**
A. Marangon ⁽¹⁾, D. Bagordo ⁽¹⁾, G. Bertoldi ⁽¹⁾, B. Caroccia ⁽¹⁾, I. Caputo ⁽¹⁾, F. Rossi ⁽¹⁾, M. Iacobone ⁽¹⁾, F. Torresan ⁽¹⁾, G.P. Rossi ⁽¹⁾, T.M. Seccia ⁽¹⁾, G. Rossitto ^(1,2)
⁽¹⁾ Padua (ITALY), ⁽²⁾ Glasgow (UNITED KINGDOM)
- EP.45.11 WHEN THE DISEASE DOESN'T READ A BOOK - FIBROMUSCULAR DYSPLASIA IN A SEEMINGLY HEALTHY ULTRAMARATHON RUNNER.**
E. Zbroch, P. Sielatycki, W. Piotrowska, M. Cabaj, A. Zbroch
Białystok (POLAND)



MODERATED E-POSTER SESSION 46 - TOTEM I4

KIDNEY 2

Chairs: R. De Pinho (São João da Madeira, PORTUGAL),
L. Obrycki (Warsaw, POLAND)

EP.46.01 HYPERTENSIVE PATIENTS WITH CHRONIC KIDNEY DISEASE HAVE A MORE ATHEROGENIC LIPID PROFILE THAN NORMOTENSIVE PATIENTS WITH CHRONIC KIDNEY DISEASE - EHUH2 STUDY

M. Mustedanagic, K. Paponja ⁽¹⁾, A. Belancic ^(1,2),
M. Marinovic Glavic ^(1,4), J. Josipovic ⁽¹⁾, N. Basic Jukic ⁽¹⁾,
A. Jelakovic ^(1,2), M. Bilobrk ^(1,2), M. Fucek ⁽¹⁾, L. Bilajac ^(1,2),
I. Vukovic Brinar ⁽¹⁾, I. Golubic ^(1,3), M. Kolaric ^(1,9),
M. Alagic ⁽¹⁾, A.M. Andelic ⁽¹⁾, A. Kucina ⁽¹⁾, A. Madunic ⁽¹⁾,
I. Pecin ⁽¹⁾, Z. Reiner ⁽¹⁾, B. Jelakovic ⁽¹⁾
⁽¹⁾ Zagreb, ⁽²⁾ Rijeka, ⁽³⁾ Koprivnica, ⁽⁹⁾ Varazdin (CROATIA)

EP.46.02 INFLUENCE OF THE DJ-1/NRF2 PATHWAY AND NLRP3 INFLAMMASOME ACTIVATION ON BLOOD PRESSURE REGULATION INDUCED BY A HIGH-SALT DIET.

C. Arias Sánchez ⁽¹⁾, R. Garcia ⁽²⁾, J. Polzin ⁽²⁾, E. Guillén ⁽¹⁾,
M.D.C. Gallego López ⁽³⁾, C. De Miguel ⁽³⁾, J. Feranil ⁽²⁾,
I. Armando ⁽²⁾, P. Jose ⁽²⁾, S. Cuevas ^(1,2)
⁽¹⁾ Murcia (SPAIN), ⁽²⁾ Washington, DC, ⁽³⁾ Alabama (USA)

EP.46.03 NON-PROTEINURIC KIDNEY DISEASE AND TYPE II DIABETES: CKM (CARDIO KIDNEY METABOLIC) PARAMETERS AND CURRENT RECOMMENDED TREATMENT MODALITIES

A. Ahmed ⁽¹⁾, K. Ahmed ⁽³⁾, O. Ali ⁽²⁾
⁽¹⁾ Krakow (POLAND), ⁽²⁾ Dubai (UNITED ARAB EMIRATES),
⁽³⁾ Kosice (SLOVAK REPUBLIC)

EP.46.04 ORAL SALT TOLERANCE TEST PROVED SODIUM EXCRETION CURVE CHANGED AFTER SEVEN YEARS FOR THE FIRST SUBJECT

Z. Ma, R. Li, X. Zhang, Y. Yuan, C. Lv
Beijing (CHINA)

EP.46.05 OVEREXPRESSION OF NA⁺/H⁺ EXCHANGER NHE3 SELECTIVELY IN THE PROXIMAL TUBULES OF THE KIDNEY ELEVATES BLOOD PRESSURE IN MICE

J. Zhuo, R. Hassan, X.C. Li
New Orleans (USA)

EP.46.06 PHOSPHATE HOMEOSTASIS AND APPARENT TREATMENT RESISTANT HYPERTENSION IN PATIENTS WITH CHRONIC KIDNEY DISEASE: THE CRIC STUDY

J. Chen, J. He
Dallas (USA)

EP.46.07 PRELIMINARY RESULTS OF REPEATABILITY STUDY ON ORAL SALT TOLERANCE TEST IN 20 SUBJECTS

Z. Ma, C. Liu, R. Li, X. Zhang, Y. Yuan, T. Lv, C. Lv
Beijing (CHINA)

EP.46.08 RELATIONSHIP BETWEEN PHOSPHATURIA AND BLOOD PRESSURE: INSIGHTS FROM THE SKIPOGH COHORT

T. Pasquier Théodore ⁽¹⁾, A. Huber ⁽¹⁾, D. Jaques ⁽¹⁾,
M. Pruijm ⁽²⁾, D. Ackermann ⁽³⁾, D. Fuster ⁽³⁾, M. Bochud ⁽²⁾,
B. Ponte ⁽¹⁾
⁽¹⁾ Geneva, ⁽²⁾ Lausanne, ⁽³⁾ Bern (SWITZERLAND)



EP.46.09 SEX DIFFERENCES IN AMBULATORY CENTRAL BLOOD PRESSURE AND ARTERIAL STIFFNESS IN HEMODIALYSIS PATIENTS

A.G. Karagiannidis, M. Theodorakopoulou, F. Iatridi, A. Karpetas, A. Georgiou, S. Manti, P. Anyfanti, E. Gavriilaki, G. Giannakoulas, P. Sarafidis
Thessaloniki (GREECE)

EP.46.10 STRUCTURAL AND FUNCTIONAL CAPILLARY INTEGRITY IN CKD PATIENTS WITH AND WITHOUT NOCTURNAL HYPERTENSION

M. Theodorakopoulou, F. Iatridi, K. Stavropoulos, A.G. Karagiannidis, M. Schoina, S. Manti, N. Haddad, T. Dimitroulas, M. Doumas, P. Sarafidis
Thessaloniki (GREECE)

EP.46.11 THE EFFECT OF FINERENONE ON BLOOD PRESSURE AND BODY WATER

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

EP.46.12 THE POTENTIAL ROLE OF AGTRI (C.II66 A>C) POLYMORPHISMS IN KIDNEY INJURY IN HYPERTENSION

Y. Jiang, Y. Zeng, Z. Huang, Y. Zhou
Suzhou (CHINA)

EP.46.13 THE RELATIONSHIP OF THE KDIGO HEAT MAP TO PULSE PRESSURE IN PATIENTS WITH TYPE II DIABETES

A. Ahmed⁽¹⁾, K. Ahmed⁽³⁾, O. Ali⁽²⁾
⁽¹⁾ Krakow (POLAND), ⁽²⁾ Dubai (UNITED ARAB EMIRATES),
⁽³⁾ Kosice (SLOVAK REPUBLIC)

EP.46.14 THE USEFULNESS OF AUTOMATIC OFFICE BLOOD PRESSURE MEASUREMENT IN HEMODIALYZED PATIENTS - PRELIMINARY RESULTS

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

EP.46.15 VALIDATION OF COMPUTATIONAL FLUID DYNAMICS FOR DETERMINING THE PRESSURE GRADIENT IN PATIENTS WITH RENAL ARTERY STENOSIS

L. Van De Velde⁽¹⁾, T. Bouwmeester⁽¹⁾, D. Collard⁽¹⁾, E. van Hulst⁽²⁾, A. Lamers⁽¹⁾, I. Zijlstra⁽¹⁾, L. Vogt⁽¹⁾, B.J. van den Born⁽¹⁾
⁽¹⁾ Amsterdam, ⁽²⁾ Utrecht (THE NETHERLANDS)