

Bibliography Mobil-O-Graph® 24h PWA Monitor

2018

Carotid artery stiffness and cerebral pulsatility in children. Lefferts, DeBlois, et al. *Artery Research*, Volume 22, pages 64-67, June 2018 (Ref# 388)

The prognostic value of Serum Galecetin 3 to abdominal aortic calcification progression in maintenance hemodialysis patients. Zhiyu Wang Zijin Chen Xiaonong Chen, *Nephrology Dialysis Transplantation*, Volume 33, Issue suppl_1, Pages i213, <https://doi.org/10.1093/ndt/gfy104.FP518>, May 2018 (Ref# 387)

Ambulatory blood pressure and arterial stiffness in individuals with type 1 diabetes. Lithovius, R., Gordin, D., Forsblom, C. et al. *Diabetologia*, pp 1-11 (2018). <https://doi.org/10.1007/s00125-018-4648-5>, May 2018 (Ref# 386)

Blood pressure is normal, but is the heart? Çelik, S.F., Karakurt, C., Tabel, Y. et al. *Pediatric Nephrology* pp 1 – 7 (2018). <https://doi.org/10.1007/s00467-018-3968-5>, May 2018 (Ref #385)

Oral Glucose Challenge Impairs Skeletal Muscle Microvascular Blood Flow in Healthy People. Russell, Hu, Greenaway, Sharman, et al. *American Journal of Physiology-Endocrinology and Metabolism*, <https://doi.org/10.1152/ajpendo.00448.2017>, May 2018 (Ref #384)

Arterial stiffness in people with Type 2 diabetes and obstructive sleep apnoea. M. Hvelplund Kristiansen, A. M. Banghøj, E. Laugesen, L. Tarnow. *Diabetic Medicine*, May 2018 (Ref #383)

Arterial stiffness in black African ancestry patients with chronic kidney disease living in Cameroon. Lemogoum, Hall, Mboule, et al. *Cardiovascular Diagnosis & Therapy*, 2018 (Ref # 382)

Method Comparison and Validation of the Determination of Ejection Duration from Oscillometric Measurements. Bauer, Weber, Wassertheurer, et al. *IFAC PapersOnLine* 51-2 (2018) 343–348 (Ref #381)

Association of objectively measured physical activity and sedentary time with arterial stiffness in women with systemic lupus erythematosus with mild disease activity. Morillas-de-Laguno, Vargas-Hitos, et al. *PLoS One*; doi:10.1371/journal.pone.0196111, San Francisco Bd. 13, Aug. 4, Apr 2018 (Ref #380)

Arterial Stiffness in Breast Cancer Patients Treated with Anthracycline and Trastuzumab-Based Regimens. Yersal, Eryilmaz, et al. *Hindawi, Cardiology Research and Practice*, Volume 2018, Article ID 5352914, 6 pages <https://doi.org/10.1155/2018/5352914>, April 2018 (Ref #379)

Reduced 24-hour Blood Pressure Variability is Associated With Lower Pulse Pressure in Patients on Continuous Flow Left Ventricular Assist Device Support. Castagna, Pinsino, Stohr, et al. *The Journal of heart and lung transplantation*, Vol 37, No 4S, April 2018 (Ref #378)

Acute effects of lower and upper body-resistance training on arterial stiffness, peripheral, and central blood pressure in young normotensive women. Tomschi, F., Köster, P., Predel, HG. et al. *Sport Sci Health* (2018). <https://doi.org/10.1007/s11332-018-0440-7>, 13 March 2018 (Ref #377)

Contribution of Type 2 Diabetes Mellitus to Subclinical Atherosclerosis in Subjects with Morbid Obesity. van Mil, S.R., Biter, L.U., van de Geijn, G.J.M. et al. *OBES SURG* (2018). <https://doi.org/10.1007/s11695-018-3196-x>, 13 March 2018 (Ref #376)

The evaluation of arterial stiffness of essential hypertension and white coat hypertension in children: a case-control study. Tokgöz ST, Yılmaz D, Tokgöz Y, Çelik B, Bulut Y. *Cardiology in the Young*, Volume 28, Issue 3, March 2018, pp. 403-408. (Ref#375)

Cardiorespiratory fitness and age-related arterial stiffness in women with systemic lupus erythematosus. Cristina Montalbán-Méndez, Alberto Soriano-Maldonado, et al. *European Journal of Clinical Investigation*, Volume 48, Issue 3, March 2018. (Ref#374)

Central blood pressure and pulse wave velocity in patients with resistant hypertension. V Vamsi, A Golub, et al. *Signa Vitae - Journal In Intensive Care And Emergency Medicine*, Volume 14, Supplement 1, Mar 2018. (Ref#373)

Association between sleep-disordered breathing and arterial stiffness in heart failure patients with reduced or preserved ejection fraction. Suzuku S, Yashihisa a, et al. *ESC Heart Failure*, Volume 20, Issue 2, Feb 2018. (Ref#372)

Central blood pressure variability is increased in hypertensive patients with target organ damage. Alejandro de la Sierra, Julia Pareja, et al. *The Journal of Clinical Hypertension*, Volume 20, Issue 2, February 2018. (Ref#371)

Frequency of early vascular aging and associated risk factors among an adult population in Latin America: the OPTIMO study. Fernando Botto, Sebastian Obregon, et al. *Journal of Human Hypertension* (2018) doi:10.1038/s41371-018-0038-1, Feb 2018. (Ref#370)

Prognostic impact of baseline urinary albumin excretion rate in patients with resistant hypertension: a prospective cohort study. Paula Moreira da Costa, Arthur Fernandes Cortez, et al. *Journal of Human Hypertension*, Volume 32, pages139–149 (2018) doi:10.1038/s41371-017-0013-2. (Ref#369)

2017

Superior Effects of High-Intensity Interval Training vs. Moderate Continuous Training on Arterial Stiffness in Episodic Migraine: A Randomized Controlled Trial. Henner Hanssen, Alice Minghetti, et al. *Front. Physiol.*, 19 December 2017, <https://doi.org/10.3389/fphys.2017.01086>. (Ref#368)

Arterial stiffness and 25-hydroxyvitamin D levels in chronic kidney disease patients. Hakan Akdam, Alper Alp. Faculty of Medicine, Adnan Menderes University, Aydın, Turkey. Dec 2017. (Ref#367)

Pulse Wave Velocity and Central Blood Pressure: Normal and Reference Values in Older People in Spain. Mercedes Sánchez-Martínez, Juan J.Cruz, et al. *Revista Española de Cardiología (English Edition)*, Dec 2017. (Ref#366)

Can braquial oscillometry identify prehypertension among normotensive subjects?. Enrique Rodilla, Manuel Adell, Vicente Giner, et al., *Artery Research*, Volume 20, December 2017, Page 72. (Ref#365)

Sex differences in ambulatory central blood pressure and pulse wave reflections in untreated patients. Bernhard Hametner, Thomas Weber, Siegfried Wassertheurer, et al. *Artery Research*, Volume 20, December 2017, Pages 68-69. (Ref#364)

Are hemodynamic measures associated with frailty in elderly patients undergoing

Transcatheter Aortic Valve Implantation? Jeannette Goudzwaard, Marjode Ronde-Tillmans, Nahid El Faquir. Artery Research, Volume 20, December 2017, Page 88. (Ref#363)

Peripheral and central ambulatory blood pressure in relation to ECG voltage.

Wen-YiYang, Blerim Mujaj, Ljupcho Efremov, et al. Artery Research, Volume 20, December 2017, Pages 48-49. (Ref#362)

Vascular aging is associated with the severity of cerebral white matter lesion load. Lisanne Tap, Annegreetvan Opbroek, Wiro Niessen, MarionSmits, Francesco Mattace-Raso. Artery Research, Volume 20, December 2017, Pages 100-101. (Ref#361)

Comparison of ejection durations derived from radial and brachial pressure waves.

Andreas Bauer, Bernhard Hametner, Thomas Weber, Siegfried Wassertheurer. Artery Research, Volume 20, December 2017, Page 95 (Ref#360)

Short-term repeatability of non-invasive aortic pulse wave velocity measures.

Andrea Grillo, Paolo Salvi, Sandrine Millasseau, Matteo Rovina, Corrado Baldi, Francesco Moretti, Lucia Salvi, Andrea Faini, Renzo Carretta, Filippo Scalise, Gianfranco Parati. Artery Research, Volume 20, December 2017, Pages 81-82. (Ref#359)

Assessment of pulse wave velocity and association to target organ damage in treatment-naïve hypertensive patients: A comparison of SphygmoCor and Mobil-O-Graph.

Enrique Rodilla, Jose Antonio, Costa Francisco Perez, Carmen Gonzalez, Jose Maria Pascual. Artery Research, Volume 20, December 2017, Pages 69-70. (Ref# 358)

Cuff-Based Oscillometric Central and Brachial Blood Pressures Obtained Through ABPM are Similarly Associated with Renal Organ Damage in Arterial Hypertension.

Fernández-Llama P, Pareja J, Yun S, Vázquez S, Oliveras A., Armario P, Blanch P, Calero F, Sierra C. de la Sierra A.. Kidney & Blood Pressure Research, Vol. 42, No.6, Dec 2017. (Ref#357)

The effect of an intensive smoking cessation intervention on disease activity in patients with rheumatoid arthritis: study protocol for a randomised controlled trial.

Roelsgaard et al. Trials (2017) <https://doi.org/10.1186/s13063-017-2309-5>. Nov 2017 (Ref#356)

Is hypertension the fate of aortic coarctation patients treated with Cheatham Platinum (CP) stent?.

Baykan A, Demiraldi AG, Tasci O, et al, J Interven Cardiol. 2017; 1–7. Nov 2017 (Ref#355)

Arterial stiffness in normotensive and hypertensive subjects: Frequency in community

pharmacies. Rodilla Sala E, Adell Alegre M, Giner Galvañ V, Perseguer Torregrosa Z, Pascual Izuel JM, Climent Catalá MT, et al. Med Clín (Barc). Nov 2017 (Ref#354)

Validation of non-invasive central blood pressure devices: Artery society task force (abridged) consensus statement on protocol standardization.

Sharman, Avolio et al. Artery Research, Vol 20, 35-43, Nov 2017 (Ref#353)

Recovery of the cardiac autonomic nervous and vascular system after maximal cardiopulmonary exercise testing in recreational athletes.

Weberruss, H., Maucher, J., Oberhoffer, R. et al. Eur J Appl Physiol (2017). <https://doi.org/10.1007/s00421-017-3762-2>, Nov 2017 (Ref#352)

Brief Report: Physical Activity, Body Mass Index and Arterial Stiffness in Children with Autism Spectrum Disorder: Preliminary Findings.

KS Heffernan, L Columna, N Russo, BA Myers et al. Journal of Autism and Developmental Disorders, pp1-7, Nov 2017 (Ref#351)

Comparison of morning vs bedtime administration of the combination of valsartan/amlodipine on nocturnal brachial and central blood pressure in patients with hypertension.

Fujiwara T, Hoshide S, Yano Y, Kanegae H, Kario K. J Clin Hypertens. 2017;00:1–8. <https://doi.org/10.1111/jch.13128>, Nov 2017 (Ref#350)

Feasibility of high-intensity interval training with hyperoxia vs. intermittent hyperoxia and hypoxia in cancer patients undergoing chemotherapy – Study protocol of a randomized controlled trial. Moritz Schumann, Holger Schulz, Anthony C. Hackney, Wilhelm Bloch, Elsevier, Contemporary Clinical Trials Communications, Volume 8, December 2017, Pages 213-217 (Ref#349)

Aortic stiffness and ambulatory blood pressure as predictors of diabetic kidney disease: a competing risks analysis from the Rio de Janeiro Type 2 Diabetes Cohort Study. Cardoso, C.R.L., Leite, N.C., Salles, G.C. et al. Diabetologia (2017) pp 1-11. <https://doi.org/10.1007/s00125-017-4484-z>, Oct 2017 (Ref#348)

Early Variations in Augmentation Index and Pulsed Wave Velocity in Patients with Obstructive Sleep Apnea and Arterial Hypertension Post CPAP Treatment. Wael A Khalil et al, Journal of Cardiology & Current Research, Vol 9 Issue 2 – 2017, Dec 2017 (Ref#347)

Nonfunctioning adrenal incidentaloma affecting central blood pressure and arterial stiffness parameters. Akkan, T., Altay, M., Ünsal, Y. et al. Endocrine (2017) 58: 513. <https://doi.org/10.1007/s12020-017-1439-6>, Dec 2017 (Ref#346)

Sensitivities of in vivo markers of arterial organ damage in patients with peripheral atherosclerosis. Martina Frick, Frederic Baumann, Beate Sick, Ian Wilkinson, Beatrice Amann-Vesti, Marc Husmann, Hogrefe OpenMind License (<http://doi.org/10.1026/a000002>), Vasa (2018) 1-6, Dec 2017 (Ref#345)

Twenty-four-hour aortic ambulatory blood pressure monitoring and target organ damage: more data are needed. Protogerou, Athanase D.a; Sharman, James E.b; Wassertheurer, Siegfried; Weber, Thomas, Journal of Hypertension: November 2017 - Volume 35 - Issue 11 - p 2323, doi: 10.1097/HJH.0000000000001544, Nov 2017 (Ref#344)

Comparative Analysis of Arterial Parameters Variations Associated with Inter-Individual Variations in Peripheral and Aortic Blood Pressure: Cross-Sectional Study in Healthy Subjects Aged 2–84 years. Yanina Zócalo, Santiago Curcio, Victoria García-Espinosa, Pedro Chiesa, Gustavo Giachetto. Daniel Bia, High Blood Press Cardiovasc Prev (2017) 24: 437. <https://doi.org/10.1007/s40292-017-0231-2>, December 2017 (Ref#343)

ECG Voltage in Relation to Peripheral and Central Ambulatory Blood Pressure. Wen-Yi Yang, Blerim Mujaj, Ljupcho Efremov, Zhen-Yu Zhang, Lutgarde Thijs, Fang-Fei Wie, Qi-Fang Huang, Aernout Lutun, Peter Verhamme, Tim S. Nawrot, José Boggia and Jan A. Staessen, American Journal of Hypertension, September 2017 (Ref#342)

Changes in Aortic Pulse Wave Velocity and the Predictors of Improvement in Arterial Stiffness Following Aortic Valve Replacement. Emir Cantürk, Beytullah Çakal, Oğuz Karaca, Onur Omaygenç, Salih Salihi, Arda Özyüksel and Atif Akçevin, Cardiovasc Surg, 8 September 2017 (Ref#341)

Comparison of effects between calcium channel blocker and diuretics in combination with angiotensin II receptor blocker on 24-h central blood pressure and vascular hemodynamic parameters in hypertensive patients: study design for a multicenter, double-blinded, active-controlled, phase 4, randomized trial. Gyu Chul Oh, Hae-Young Lee, Wook Jin Chung, Ho-Joong Youn, Eun-Joo Cho, Ki-Chul Sung, Shung Chull Chae, Byung-Su Yoo, Chang Gyu Park, Soon Jun Hong, Young Kwon Kim, Taek-Jong Hong, Dong-Ju Choi, Min Su Hyun, Jong Won Ha, Young Jo Kim, Youngkeun Ahn, Myeong Chan Cho, Soon-Gil Kim, Jinho Shin, Sungha Park, Il-Suk Sohn and Chong-Jin Kim, Clinical Hypertension 2017, 4 September 2017 (Ref#340)

Is the calibration method for central blood pressure important in assessing the association between central blood pressure with LV and left atrial strain? S. Ramkumar H. Yang Y. Wang Y. Howlett-Jansen M. Nolan T.H. Marwick K. Negishi, European Heart Journal, Volume 38, Issue suppl_1, 1 August 2017 (Ref#339)

Cardio-ankle vascular index, a novel parameter of subclinical atherosclerosis predicts prognosis in patients at high risk for cardiovascular disease. T. Ono T. Miyoshi Y. Ohno G. Syokoku K. Yamamoto K. Tokioka Y. Kawai H. Ito, European Heart Journal, Volume 38, Issue suppl_1, 1 August 2017 (Ref#338)

Pulse wave analysed cardiovascular parameters in young first degree relatives of type 2 diabetics- a cross-sectional study. Jayesh D.Solanki, Hemant B.Mehta, Chinmay J.Shah, Indian Heart Journal, Aug 2017 (Ref#337)

DEVICES FOR THE NON-INVASIVE ASSESSMENT OF AORTIC PULSE WAVE VELOCITY: EVALUATION OF SHORT-TERM REPEATABILITY. Grillo, A.; Scalise, F.; Moretti, F.; Rovina, M.; Salvi, L.; Gao, L.; Baldi, C.; Faini, A.; Millasseau, S.; Carretta, R.; Salvi, P.; Parati, G, Journal of Hypertension: September 2017 (Ref#336)

IMPAIRED HEART RATE VARIATION WHEN STANDING: A SIMPLE MARKER OF EARLY VASCULAR AGING AND AUTONOMIC DYSFUNCTION. Gonzalez, S.; Kempny, P.; Svane, J. Chiabaut; Castellaro, C.; Schiavone, M.; Inserra, F.; Hita, A, Journal of Hypertension: September 2017 (Ref#335)

AMBULATORY VERSUS OFFICE PULSE WAVE VELOCITY IN ADOLESCENTS AND YOUNG ADULTS: COMPARISON AND ASSOCIATION WITH TARGET-ORGAN DAMAGE. Kollias, A.; Ntineri, A.; Servos, G.; Georgakopoulos, D.; Destounis, A.; Moyssakis, I.; Vazeou, A.; Stergiou, G., Journal of Hypertension: September 2017 (Ref#334)

EFFECT OF CALIBRATION METHOD ON THE ASSOCIATION BETWEEN 24-HOUR CENTRAL BLOOD PRESSURE AND TARGET-ORGAN DAMAGE IN YOUNG INDIVIDUALS. Kollias, A.; Ntineri, A.; Destounis, A.; Servos, G.; Georgakopoulos, D.; Moyssakis, I.; Vazeou, A.; Stergiou, G.S., Journal of Hypertension: September 2017 (Ref#333)

RESILIENCE AND VASCULAR DISEASE: A NEW PARADOX. M. Haehnel; F. De Cecco; M. Boscaro; A. Di Leva; S. Obregon; M. Cadenas; C. Kotliar, Journal of Hypertension. 35():e297, SEP 2017 (Ref#332)

ELEVATED PREVALENCE OF EARLY VASCULAR AGING IN YOUNG ADULTS IN LATIN AMERICA: A CALL FOR ACTION? OPTIMO STUDY RESULTS. F. Botto; S. Obregon; A. Di Leva; M. Koretzky; P. Forcada; L. Brandani; A. Scuteri; P.M. Nilsson; C. Kotliar, Journal of Hypertension. 35():e276, SEP 2017 (Ref#331)

PULSE WAVE VELOCITY AT REST AND BLOOD PRESSURE DURING EXERCISE - ADDITIVE OR ALTERNATIVE? C. Lizenberg; R.G. Ketelhut, Journal of Hypertension. 35():e240, SEP 2017 (Ref#330)

Plasma parathyroid hormone and cardiovascular disease in treatment- naive patients with primary hyperparathyroidism: The EPATH trial. Julia Wetzel, Stefan Pilz, Martin R. Gröbler, Astrid Fahrleitner-Pammer, Hans P. Dimai, Dirk von Lewinski, Ewald Kolesnik, Sabine Perl, Christian Trummer, Verena Schwetz, Andreas Meinitzer, Evgeny Belyavskiy, Jakob Völkl, Cristiana Catena, Vincent Brandenburg, Winfried März, Burkert Pieske, Helmut Brussee, Andreas Tomaschitz, Nicolas D. Verheyen, Journal of Clinical Hypertension, Aug 2017 (Ref#329)

Arterial stiffness correlates with the severity of hepatic fibrosis in patients with nonalcoholic fatty liver disease. Chrysoula Boutari, Konstantinos Tziomalos, Petros Lefkos, Michael Doulmas, Vasilios Athyros, Asterios Karagiannis, Atherosclerosis Volume 263, Page e 197, Aug 2017 (Ref#328)

EPA/AA can be a predictive factor in the patients with coronary artery disease in the strong statin era. Naoaki Matsuo, Atsushi Takaishi, Nobuhiko Oonishi, Yukari Nakano, Kenzou Kagawa, Tatsuya Yamaji, Yuuichi Katou, Kazuna Hayashi, Masayuki Ueeda, Satoshi Hirohata, Atherosclerosis Volume 263, Pages e196–e197, Aug 2017 (Ref#327)

AMBULATORY PULSE WAVE VELOCITY AND AUGMENTATION INDEX PREDICT CARDIOVASCULAR EVENTS AND ALL-CAUSE MORTALITY BETTER THAN OFFICE AND AMBULATORY BLOOD PRESSURE IN HEMODIALYSIS PATIENT. Sarafidis, P.A.; Liakopoulos, V.; Loutradis, C.; Karpetas, A.; Piperidou, A.; Koutroumpas, G.; Raptis, V.; Syrgkanis, C.; Efstratiadis, G.; London, G.; Zoccali, C. Journal of Hypertension: September 2017 (Ref#326)

Targeted Lowering of Central Blood Pressure in patients with hypertension: Baseline recruitment, rationale and design of a randomized controlled trial (The LOW CBP study) James E. Sharman, Tony Stanton, Christopher M. Reid, Anthony Keech, Philip Roberts-Thomson, Simon Stewart, Robert Greenough, Michael Stowasser, Walter P. Abhayaratna, Contemporary Clinical Trials, Vol 62: 37-42, Nov 2017 (Ref#325)

Time-Harmonic Ultrasound elastography of the Descending Abdominal Aorta: Initial Results. Lars-Arne Schaafs, Heiko Tzschätzsch, Markus van der Giet, Alexander Reshetnik,, Ingo G. Steffen, Bernd Hamm, Jürgen

Braun, Ingolf Sack, Thomas Elgeti, *Ultrasound in Medicine & Biology*, 2017 Aug 14 (Ref#324)

AORTIC PRESSURE WAVE REFLECTION IN YOUNG INDIVIDUALS: DIURNAL VARIATION, DETERMINANTS AND ASSOCIATION WITH TARGET-ORGAN DAMAGE. Kollias, A; Ntineri, A; Destounis, A, Servos, G, Georgakopoulos, D, Moyssakis, I, Vazeou, A, Stergiou, G.S. *Journal of Hypertension*, September 2017 (Ref#323)

Effects of Low-Dose Mindfulness-Based Practice on Patients with Somatoform Autonomic Dysfunction of Cardiovascular System. Ruta Muranovaite, Julius Burkauskas, Wayne D. Norman. *BIOLOGICAL PSYCHIATRY AND PSYCHOPHARMACOLOGY* Vol. 19, No 1, July 2017. (Ref#322)

Arterial stiffness in normotensive and hypertensive subjects: Frequency in community pharmacies. Enrique Rodilla Sala, Manuel Adell Alegre, Vicente Giner Galvañ, Zeneida Perseguer Torregrosa, Jose Maria Pascual Izuel, María Teresa Climent Catalá. *Medicina Clínica* Vol. 149. Núm. 3. Agosto 2017 (Ref#321)

Effect of low (5 mg) vs high (20-40 mg) rosuvastatin dose on 24h arterial stiffness, central haemodynamics, and non-alcoholic fatty liver disease in patients with optimally controlled arterial hypertension. Mitsiou E, Boutari C, Kotsis V, Georgianou E, Doumas M, Karagiannis A, Athyros VG. *Curr Vasc Pharmacol*. 2017 Jun 30 (Ref#320)

Clinical characteristics, target organ damage and associate risk factors of resistant hypertension determined by ambulatory blood pressure monitoring in patients aged ≥ 80 years. Zhi-Ru LIANG, Ling-Gen GAO, Jian CAO, Hua CUI, Li FAN, De-Wei GAO. *Journal of Geriatric Cardiology* (2017) 14: 308 – 314 (Ref#319)

BLOOD PRESSURE VARIABILITY GRADUALLY INCREASES FROM THE FIRST TO THE SECOND INTERDIALYTIC DAY IN PATIENTS UNDERGOING HEMODIALYSIS. Antonios Karpetas, Loutradis Charalampos, Antonios Lazaridis, Athanasios Bikos, Georgios Tzani, Georgios Koutroumpas, Konstantinos Mavromatis, Vasilios Liakopoulos, Pantelis Zebekakis, Luis Rulope. *Nephrol Dial Transplant* (2017) 32 (suppl_3): iii643. (Ref#318)

RELATIONSHIP BETWEEN ARTERIAL STIFFNESS AND S-KLOTHO, FGF23 LEVELS IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE PATIENTS. Ayca Inci, Funda Sari, Metin Sarıkaya, Semih Gul, Olgun Akın, Refik Olmaz, Melahat Coban, Ustun Yılmaz, Yasin Şahinturk, Necat Yılmaz. *Nephrol Dial Transplant* (2017) 32 (suppl_3): iii239. (Ref#317)

EFFECTS OF NEBIVOLOL AND IRBESARTAN ON AMBULATORY BLOOD PRESSURE IN HEMODIALYSIS PATIENTS WITH INTRADIALYTIC HYPERTENSION: PRELIMINARY RESULTS FROM A RANDOMIZED CROSS-OVER STUDY. Athanasios Bikos, Loutradis Charalampos, Antonios Karpetas, Vasilios Raptis, Alexia Piperidou, Rigas Kalaitzidis, Evdoxia Ginikopoulou, Stylianos Panagoutsos, Ploumis Pasadakis, Ilias Balaskas. *Nephrol Dial Transplant* (2017) 32 (suppl_3): iii314-iii315. (Ref#316)

PREDICTORS OF VASCULAR RESISTANCE INCREASE IN PATIENTS IN DIALYSIS. Maximo Agustin Schiavone, Maria Elena Biain, Gustavo Laham, Carlos Diaz, Gaston Fernandez Candia, Fernando Speranzoni, Juan Montagnana, Redondo Pereira, Felipe Inserra, Carlos Castellaro. *Nephrol Dial Transplant* (2017) 32 (suppl_3): iii327. (Ref#315)

Is there any relationship between nonfunctional pituitary adenoma and arterial stiffness? Yavuz Cagir, Mustafa Altay, Erman Cakal, Busra Betul Cagir, Tolga Akkan, Murat Dagdeviren, Esin Beyan. *Endocrine Abstracts* (2017) 49 EP1060 (Ref#314)

Non-invasive measurement of peripheral, central and 24-hour blood pressure in patients with continuous-flow left ventricular assist device. Francesco Castagna, Barry J. McDonnell, Eric J. Stöhr, Melana Yuzefpolskaya, Pauline N. Trinh, Veli K. Topkara, A. Reshad Garan, Margaret A. Flannery, Koji Takeda, Hiroo Takayama, Yoshifumi Naka, Ryan T. Demmer, Siegfried Wassertheurer, John Cockcroft, Paolo C. Colombo. *The Journal of Heart and Lung Transplantation*, Volume 36, Issue 6, 694 - 697 (Ref#313)

Pulse Wave Velocity Is Increased in Asthmatic Children and Adolescents Independently of Cardiorespiratory Fitness. Jose Felipe Pinho, CF Botelho, NS Jentsch, Claudia Marotta, CR De-Paula, La Sa-Rocha, Aline C. Bastos, GS Magalhaes, LFC Ramalho, ELG Machado, RC Garcia, Maria Gloria Rodrigues-Machado. *An J Respir Crit Care Med* 2017;195:A2193 (Ref#312)

Age-related change in contribution of stroke volume to central pulse pressure. Atsushi Nakagomi, Sho Okada, Nobusada Funabashi & Yoshio Kobayashi. *Clinical and Experimental Hypertension* Volume 39, 2017 - Issue 3 Pages 284-289 (Ref#311)

Pulse wave velocity and augmentation index are not independently associated with carotid atherosclerosis in patients with rheumatoid arthritis. M. Robustillo-Villarino, J. J. Alegre-Sancho, E. Rodilla-Sala, A. Corrales, J. Llorca, M. A. Gonzalez-Gay, P. H. Dessen. *Clin Rheumatol* (2017). doi:10.1007/s10067-017-3680-z (Ref#310)

Central Hemodynamic Response to Acute Sympathetic Activation via Cold Pressor Test in Healthy Aging. James Pearson, Anastasiya Borner, Kyle Murray. April 2017 *The FASEB Journal* vol. 31 no. 1 Supplement 1056.8 (Ref#309)

Acute Effects of Moderate Continuous Training on Stress Test-Related Pulse Pressure and Wave Reflection in Healthy Men. Florian Milatz, Sascha Ketelhut, Reinhard G. Ketelhut. *High Blood Press Cardiovasc Prev* (2017) 24: 61. (Ref#308)

Daily Physical Activity Improves Vascular Function and Motor Skills in Children. Sascha Ketelhut, Kerstin Ketelhut, Claudia Hacke and Reinhard Günter Ketelhut. *Journal of Sports Science* 5 (2017) 78-88 (Ref#307)

Controversies in the association of cardiorespiratory fitness and arterial stiffness in children and adolescents. Joanna Meyer, Julia Elmenhorst, Tobias Giegerich, Renate Oberhoffer and Jan Müller. *Hypertens Res.* 2017 Feb 16. doi: 10.1038/hr.2017.19 (Ref#306)

COMPARISON OF DERIVED CENTRAL AORTIC PRESSURE VS CUFF PERIPHERAL PRESSURE. K.V. Siva Krishna, M. Ravi Kiran, Indrani Garre. *INDIAN JOURNAL OF CARDIOVASCULAR DISEASES JOURNAL in women (IJCD)* 2017 VOL 2 ISSUE 1 (Ref#305)

Neurovascular microcirculatory vasodilation mediated by C-fibers and Transient receptor potential vanilloid-type-1 channels (TRPV 1) is impaired in type 1 diabetes. P. Marche, S. Dubois, P. Abraham, E. Parot-Schinkel, L. Gascoin, A. Humeau-Heurtier, PH. Ducluzeau, G. Mahe. *Sci Rep.* 2017 Mar 13;7:44322 (Ref#304)

Ambulatory Pulse Wave Velocity Is a Stronger Predictor of Cardiovascular Events and All-Cause Mortality Than Office and Ambulatory Blood Pressure in Hemodialysis Patients. Pantelis A. Sarafidis, Charalampos Loutradis, Antonios Karpetas, Georgios Tzani, Alexia Piperidou, Georgios Koutroumpas, Vasilios Raptis, Christos Syrgkanis, Vasilios Liakopoulos, Georgios Efstratiadis, Gérard London, Carmine Zoccali. *Hypertension.* 2017 Jul;70(1):148-157 (Ref#303)

Arterial stiffness by oscillometric device and telomere length in juvenile idiopathic arthritis with no cardiovascular risk factors: a cross-sectional study. Maria Mercedes Picarelli, Luiz Cláudio Danzmann, Lucas Kich Grun, Newton Teixeira Rosa Júnior, Patrícia Lavandovsky, Fátima Theresinha Costa Rodrigues Guma, Renato T. Stein, Florência Barbé-Tuana, Marcus Herbert Jones. *Pediatric Rheumatology* (2017) 15:34 (Ref#302)

2016

Crucial Effect of Calibration Methods on the Association Between Central Pulsatile Indices and Coronary Atherosclerosis. Atsushi Nakagomi, Sho Okada, Toshihiro Shoji, Yoshio Kobayashi. *Am J Hypertens* (2017) 30 (1): 24-27. (Ref#301)

Very low protein diets supplemented with keto-analogues in ESRD predialysis patients and its effect on vascular stiffness and AVF Maturation Cristiana David, Ileana Peride, Andrei Niculae, Alexandra Maria Constantin, Ionel Alexandru Checherita. *BMC Nephrology* (2016) 17:131 (Ref#300)

Effect of GLP-1 receptor agonist treatment on body weight in obese antipsychotic-treated patients with schizophrenia: a randomized, placebo-controlled trial. Ishøy PL, Knop FK, Broberg BV,

Bak N, Andersen UB, Jørgensen NR, Holst JJ, Glenthøj BY, Ebdrup BH. *Diabetes Obes Metab.* 2017 Feb;19(2):162-171 (Ref#299)

Influence of a high-intensity interval training session on peripheral and central blood pressure at rest and during stress testing in healthy individuals. Sascha Ketelhut, Florian Milatz, Walter Heise, Reinhard G. Ketelhut. *Vasa* (2016), 45 (5), 373 – 377 (Ref#298)

ARTERIAL STIFFNESS IN ADOLESCENTS AND YOUNG ADULTS: DETERMINANTS AND ASSOCIATION WITH OTHER TARGET-ORGAN DAMAGE. Kollias, A.; Ntineri, A.; Moysakakis, I.; Georgakopoulos, D.; Servos, G.; Vazeou, A.; Stergiou, G.S. *Journal of Hypertension: September 2016 Volume 34 - Issue 9 e 137* (Ref#297)

Diagnostic performance evaluation and agreement between office multiple blood pressure measurements and ambulatory measurements. Marco Antonio Vieira da Silva. *Liph Science*, v. 2, n. 1, p.70-121, jan./mar., 2015 (Ref#296)

Changes in Central Aortic Pressure Levels, Wave Components and Determinants Associated with High Peripheral Blood Pressure States in Childhood: Analysis of Hypertensive Phenotype. Victoria Garcia-Espinosa, Santiago Curcio, Marco Marotta, Juan M. Castro, Maite Arana, Gonzalo Peluso, Pedro Chiesa, Gustavo Giachetto, Daniel Bia, Yanina Zócalo. *Pediatric Cardiology* October 2016, Volume 37, Issue 7, pp 1340–1350 (Ref#295)

RELATIONSHIP BETWEEN MALNUTRITION INFLAMMATION SCORE, OVERHYDRATION AND ARTERIAL STIFFNESS IN HEMODIALYSIS PATIENTS. Zeynep Bal, Emre Tural, Ruya Ozelsançak, Gultekin Gençtoy, Bahar Gurlek Demirci, Siren Sezer. *Nephrol Dial Transplant* (2016) 31 (suppl_1): i561. (Ref#294)

INCREASES IN BRACHIAL AND AORTIC BLOOD PRESSURE DURING THE EVENING OF THE THIRD DAY OF THE LONG INTERDIALYTIC INTERVAL OF HEMODIALYSIS PATIENTS. Georgios Koutroumpas, Pantelis Sarafidis, Panagiotis Georgianos, Antonios Karpetas, Athanasios Protogerou, Christos Syrganis, Stylianos Panagoutsos, Ploumis Pasadakis. *Nephrol Dial Transplant* (2016) 31 (suppl_1): i250. (Ref#293)

DIURNAL VARIATION OF CENTRAL AORTIC PRESSURE AND AORTIC-TO-BRACHIAL PULSE PRESSURE AMPLIFICATION IN HEMODIALYSIS PATIENTS. Panagiotis I. Georgianos, Antonios Karpetas, Athanasios Bikos, Georgios Koutroumpas, Vasileios Raptis, Christos Syrganis, Kostantinos Mavromatidis, Vassilios Liakopoulos, Pantelis A. Sarafidis. *Nephrol Dial Transplant* (2016) 31 (suppl_1): i122-i123. (Ref#292)

Arterial stiffness parameters associated with vitamin D deficiency and supplementation in patients with normal cardiac functions. Murat Sünbül, M.D., Altuğ Çinçin, M.D., Mehmet Bozbay, M.D., Ceyhan Mammadov, M.D. Halil Ataş, M.D., Ekmel Burak Özşenel, M.D., İbrahim Sarı, M.D., Yelda Başaran, M.D. *Turk Kardiyol Dern Ars* 2016;44(4):281-288 (Ref#291)

Soluble Klotho levels in diabetic nephropathy: relationship with arterial stiffness. A. INCI, F. SARI, R. OLMAZ, M. COBAN, S. DOLU, M. SARIKAYA, H.Y. ELLIDAG. A Inci et al. *Eur Rev Med Pharmacol Sci* 20 (15), 3230-3237. 7 2016 (Ref#290)

Acute Effects of Different Strength Training Protocols on Arterial Stiffness in Healthy Subjects. Nico Nitzsche*, Martin Weigert, Lutz Baumgärtel, Tino Auerbach, Daniel Schuffenhauer, Robert Nitzsche, Henry Schulz. *International Journal of Sports Science* 2016, 6(5): 195-202 (Ref#289)

Relationship between 24-h urine sodium/potassium ratio and central aortic systolic blood pressure in hypertensive patients. Moo-Yong Rhee, Sung-Joon Shin, Namyi Gu, Deuk-Young Nah, Byong-Kyu Kim, Kyung-Soon Hong, Eun-Joo Cho, Ki-Chul Sung, Sim-Yeol Lee and Kwang-Il Kim. *Hypertension Research* 40, 405-410 (April 2017) (Ref#288)

Pulse Wave Analysis after Treatment of Abdominal Aortic Aneurysms with the Ovation Device, Efstratios Georgakarakos, Christos Argyriou, George S. Georgiadis, Miltos K. Lazarides. *Annals of Vascular Surgery* Volume 40, April 2017, Pages 146–153 (Ref#287)

High-intensity interval training versus moderate-intensity steady-state training in UK cardiac rehabilitation programmes (HIIT or MISS UK): study protocol for a multicentre randomized controlled trial and economic evaluation. Gordon McGregor, Simon Nichols, Thomas Hamborg, Lucy Bryning, Rhiannon Tudor-Edwards, David Markland, Jenny Mercer, Stefan Birkett, Stuart Ennis, Richard Powell, Brian Begg, Mark J Haykowsky, Prithwish Banerjee, Lee Ingle, Rob Shave, Karianne Backx. *BMJ Open* 2016;6:e012843 (Ref#286)

Arterial Stiffness and Cardiovascular Autonomic Dysfunction in Patients with Parkinson's Disease. Kim J.-S., Lee S.-H., Oh Y.-S., Park J.-W., An J.-Y., Choi H.-S., Lee K.-S. *Neurodegener Dis* 2017;17:89-96 (Ref#285)

24-HOUR AORTIC BLOOD PRESSURE VARIABILITY IS BETTER ASSOCIATED WITH CAROTID INTIMALMEDIAL THICKNESS AND CROSS-SECTIONAL AREA THAN BRACHIAL BLOOD PRESSURE VARIABILITY: THE SAFAR STUDY. Shi-Kai Yu, Chen Chi, Yi Zhang, Antonis A. Argyris, George Konstantonis, Jacques Blacher, Michel E. Safar, Petros P Sfikakis, Athanase D. Protogerou. *Journal of Hypertension Vol 34, e-Supplement 1, September 2016 e156* (Ref#284)

Central hemodynamics and arterial stiffness in idiopathic and multiple system atrophy. Klaas Franzen, Sabine Fliegen, Jelena Koester, Rafael Campos Martin, Günther Deuschl, Michael Reppel, Kai Mortensen, Susanne A. Schneider. *J Neurol* (2017) 264: 327 (Ref#283)

Arterial stiffness in obstructive sleep apnoea: Is there a difference between daytime and night-time? Sarinc Ulasli S, Sariaydin M, Ozkececi G, Gunay E, Halici B, Unlu M. *Respirology*. 2016 Nov;21(8):1480-1485 (Ref#282)

Assessment of Model Based (Input) Impedance, Pulse Wave Velocity, and Wave Reflection in the Asklepios Cohort. Bernhard Hametner, Stephanie Parragh, Christopher Mayer, Thomas Weber, Luc Van Bortel4, Marc De Buyzere, Patrick Segers, Ernst Rietzschel, Siegfried Wassertheurer. *PLoS One*. 2015; 10(10): e0141656 (Ref#281)

ASSOCIATION BETWEEN NEUTROPHIL TO LYMPHOCYTE RATIO AND ARTERIAL STIFFNESS IN A POPULATION SAMPLE. E. Hugué, G. Maccallini, P. Pardini, S. Obregon, M. Hidalgo, M. Haehnel, P. Carrizo, M. Koretzky, A. Di Leva, F. Inserra, F. Botto, A. Scuteri, P.M. Nilsson, C. Kotliar. *J Hypertens*. 2016 Sep;34 Suppl e33 (Ref#280)

AORTIC PULSE WAVE VELOCITY PREDICTS SEVERE CARDIOVASCULAR EVENTS IN PATIENTS UNDERGOING CORONARY ANGIOGRAPHY B. Hametner, S. Parragh, S. Wassertheurer, T. Weber. *J Hypertens*. 2016 Sep;34 Suppl e9-e10 (Ref#279)

24-HOUR AORTIC BLOOD PRESSURE VARIABILITY IS BETTER ASSOCIATED WITH CAROTID INTIMA-MEDIA THICKNESS THAN BRACHIAL BLOOD PRESSURE VARIABILITY. S. Yu, C. Chi, Y. Zhang, A.A. Argyris, J. Blacher, M.E. Safar, A.D. Protogerou. *J Hypertens*. 2016 Sep;34 Suppl e41 (Ref#278)

ASSOCIATION OF CARDIAC STRUCTURE AND FUNCTION WITH CENTRAL AND BRACHIAL BLOOD PRESSURE VARIABILITY IN HYPERTENSIVE PATIENTS: THE SAFAR STUDY. C. Chi, Y. Zhang, S. Yu, A. Argyris, J. Blacher, M. Safar, A. Protogerou. *J Hypertens*. 2016 Sep;34 Suppl e41 (Ref#277)

AUTONOMIC DYSFUNCTION IN HOME BLOOD PRESSURE MONITORING: ITS RELATIONSHIP WITH ARTERIAL STIFFNESS AND SUBCLINICAL ATHEROSCLEROSIS. Pablo Kempny, Sergio Gonzalez, Jorge Chiabaut Svane, Felipe Inserra, Maximo. Schiavone, Carlos Castellaro. *Journal of Hypertension: September 2016 - Volume 34 - Issue - p e145* (Ref#276)

CONTRIBUTION OF STROKE VOLUME DETERMINED BY TRANSTHORACIC ECHOCARDIOGRAM TO PULSE PRESSURE: DIFFERENT INFLUENCES ON PERIPHERAL AND CENTRAL ARTERIES. Atsushi Nakagomi, Sho Okada, Koya Ozawa, Nobusada Funabashi, Yoshio Kobayashi. *Journal of Hypertension Vol 34, e-Supplement 1, September 2016 e157 - 158* (Ref#275)

Oscillometric analysis compared with cardiac magnetic resonance for the assessment of aortic pulse wave velocity in patients with myocardial infarction. Feistritzer, Hans-Josef; Klug, Gert; Reinstadler, Sebastian J.; Reindl, Martin; Mayr, Agnes; Schocke, Michael; Metzler, Bernhard. *Journal of Hypertension: September 2016 - Volume 34 - Issue 9 - p 1746–1751* (Ref#274)

ASSESSMENT OF SYSTOLIC AORTIC PRESSURE AND WAVE FORM CALIBRATION CRITICALLY DEPENDS ON THE ACCURATE DETERMINATION OF MEAN ARTERIAL PRESSURE: A CASE REPORT. T. Mengden, S. Wassertheurer *J Hypertens*. 2016 Sep;34 Suppl E360 (Ref#273)

PREVALENCE OF VARIABLES ASSOCIATED WITH ARTERIAL STIFFNESS IN COMMUNAL PHARMACIES OF THE VALENCIAN COMMUNITY (RIVALFAR-STUDY). E. Rodilla Sala, L. Salar, E. Alonso, C. Aparicio, O. Bellver, M. Climent, V. Colomer, V. Giner. *J Hypertens*. 2016 Sep;34 Suppl e346 (Ref#272)

HEALTHY LIFESTYLE IS ASSOCIATED WITH LOWER RISK OF EARLY VASCULAR AGEING: THE OPTIMO STUDY IN LATIN AMERICA. P.M. Nilsson, A. Scuteri, F. Botto, S. Obregon, P. Forcada, M. Koretzky, A. Di Leva, E. Hugué, M. Haehnel, G. Waisman, C. Kotliar. *J Hypertens*. 2016 Sep;34 Suppl e343 (Ref#271)

AMBULATORY HEMODYNAMIC TRENDS IN HYPERTENSION AND AGING. S. Bhura, K. Elango, J.L. Izzo, P.J. Osmond. *J Hypertens*. 2016 Sep;34 Suppl e326-327 (Ref#270)

PREVALENCE OF HYPERTENSION DETERMINED IN COMMUNAL PHARMACIES OF THE VALENCIAN COMMUNITY (RIVALFAR-STUDY). V. Giner, S. Alcázar, V. Baixauli, M. Cano, E. Ferrer, M.E. García, R.M. Prats, E. Rodilla Sala. *J Hypertens.* 2016 Sep;34 Suppl e290 (Ref#269)

IMMEDIATE POST RENAL TRANSPLANT PERIOD AND HYPERTENSION: CONCORDANCE BETWEEN CLINIC AND AMBULATORY BLOOD PRESSURE. J.C. Prado, A. Lopez, G. Ruiz-Hurtado, M. Fernandez, J.M. Aguado, A. Andres, M. Praga, L.M. Ruilope, J.J. Segura. *J Hypertens.* 2016 Sep;34 Suppl e252 (Ref#268)

SYSTEMIC HEMODYNAMIC COUNTER-REGULATION IN HYPERTENSION AND AGING: IMPACT OF HEART RATE. K. Elango, S. Bhura, J.L. Izzo, P.J. Osmond. *J Hypertens.* 2016 Sep;34 Suppl e241 (Ref#267)

CORRELATION OF PULSE WAVE ANALYSIS PARAMETERS WITH LEFT VENTRICULAR HYPERTROPHY, INTIMA-MEDIA-THICKNESS AND PLAQUES IN CAROTID ARTERIES IN A BRAZILIAN AMBULATORY CARE. L. Resende, M.A.V. Da Silva, E.A.M.R. Resende, J.A.M. Resende, A.P.M. Da Silva, A.L.M. Casemiro, R.M. Lucas Jr. . *J Hypertens.* 2016 Sep;34 Suppl e115 (Ref#266)

LINKS BETWEEN BLOOD PRESSURE VARIABLES, ARTERIAL STIFFNESS AND COMPLETE BLOOD COUNT IN PATIENTS WITH MALIGNANT DISORDERS. I. Mozos, G. Borzak, A. Stoian, R. Mihaescu. *J Hypertens.* 2016 Sep;34 Suppl e183 (Ref#265)

COMPARISON OF PULSE WAVE ANALYSIS PARAMETERS IN HYPERTENSIVE DIABETIC AND NON-DIABETIC PATIENTS IN A BRAZILIAN AMBULATORY CARE. Resende, M.A.V. Da Silva, E.A.M.R. Resende, J.A.M. Resende, A.P.M. Da Silva, A.L.M. Casemiro, R.M. Lucas Jr. *J Hypertens.* 2016 Sep;34 Suppl e142 (Ref#264)

ARTERIAL STIFFNESS IN ADOLESCENTS AND YOUNG ADULTS: DETERMINANTS AND ASSOCIATION WITH OTHER TARGET-ORGAN DAMAGE. A. Kollias, A. Ntineri, I. Moysakis, D. Georgakopoulos, G. Servos, A. Vazeou, G.S. Stergiou. *J Hypertens.* 2016 Sep;34 Suppl e142 (Ref#263)

EFFECT OF THE WEEKLY FREQUENCY OF ALCOHOL DRINKING ON VASCULAR STIFFNESS DETERMINED BY THE PULSE WAVE VELOCITY. F. Botto, S. Obregon, P. Forcada, M. Koretsky, A. Di Leva, E. Huguet, M. Haehnel, A. Scuteri, P.M. Nilsson, C. Kotliar, OPTIMO investigators. *J Hypertens.* 2016 Sep;34 Suppl e126 (Ref#262)

MEASUREMENT OF ARTERIAL AGING IN THE POPULATION. A. Hafez, B. Eber, T. Weber. *J Hypertens.* 2016 Sep;34 Suppl e82 (Ref#261)

CHANGE IN AORTIC STIFFNESS AND CENTRAL BLOOD PRESSURE POST-KIDNEY TRANSPLANTATION AND THEIR DETERMINANTS. Natalie Rodziewicz, Shashi Bhushan, Neeraj Singh. *Journal of the American Society of Hypertension* Volume 10, Issue 4, Supplement, e11-e12 (Ref#260)

Immediate post renal transplant period and hypertension: concordance between clinic and ambulatory blood pressure. Jose C. Prado, Antia Lopez, Gema Ruiz-Hurtado, Mario Fernandez, Jose M. Aguado, Amado Andres, Manuel Praga, Luis M. Ruilope, Julian Segura. *Journal of the American Society of Hypertension* April 2016 Volume 10, Issue 4, Supplement, Page e34 (Ref#259)

Measurement of Brachial Blood Pressure, Central Blood Pressure and Arterial Stiffness in Patients Implanted With Continuous Flow Left Ventricular Assisted Devices Francesco Castagna, Barry J McDonnell, Laura Watkeys, Maria Kearney, Melana Yuzefpolskaya, Veli Topkara, Arthur R Garan, Donna M Mancini, Hiroo Takayama, Yoshifumi Naka, John R Cockcroft ; Paolo C Colombo (Ref#258)

Zur Wirkung einer akuten aeroben Ausdauerbelastung auf hämodynamische Parameter in Ruhe und während eines Cold Pressor Tests Florian Milatz, Universitätsmedizin Berlin, 05.06.2016 (Ref#257)

Accuracy of commercial devices and methods for noninvasive estimation of aortic systolic blood pressure a systematic review and meta-analysis of invasive validation studies. Theodore G. Papaioannou, Theofani D. Karageorgopoulou, Theodoros N. Sergentanis, Athanase D. Protogerou, Theodora Psaltopoulou, James E. Sharman, Thomas Weber, Jacques Blacher, Stella S. Daskalopoulou, Siegfried Wassertheurer, Ashraf W. Khiri, Charalambos Vlachopoulos, Nikolaos Stergiopoulos, Christodoulos Stefanadis, Wilmer W. Nichols, Dimitrios Tousoulis. *J Hypertens* 34:000–000 (Ref #256)

Ambulatory Aortic Stiffness Is Associated With Narrow Retinal Arteriolar Caliber in Hypertensives: The SAFAR Study. Evaggelia K. Aissopou, Antonios A. Argyris, Efthimia G. Nasothimiou, George D. Konstantonis, Kostas Tampakis, Nikolaos Tentolouris, Miltiadis Papanthassiou, Panagiotis G. Theodossiadis, Theodoros G. Papaioannou, Coen D.A. Stehouwer, Petros P. Sfikakis, Athanassios D. Protogerou. *Am J Hypertens.* 2016 May;29(5):626-33 (Ref #255)

Importance of Calibration Method in Central Blood Pressure for Cardiac Structural

Abnormalities. Kazuaki Negishi, Hong Yang, Ying Wang, Mark T. Nolan, Tomoko Negishi, Faraz Pathan, Thomas H. Marwick, James E. Sharman. *Am J Hypertens.* 2016 Apr 16. pii: hpw039 (Ref #254)

Vascular structure and function and their relationship with health-related quality of life in the

MARK study. Luis García-Ortiz, José I. Recio-Rodríguez, Sara Mora-Simón, John Guillaume, Ruth Martí, Cristina Agudo-Conde1, Emiliano Rodríguez-Sanchez, Jose A. Maderuelo-Fernandez, Rafel Ramos-Blanes, Manuel A. Gómez-Marcos and the MARK Group. *BMC Cardiovasc Disord.* 2016 May 12;16(1):95 (Ref #253)

Chemerin is not associated with subclinical atherosclerosis markers in prediabetes and

diabetes. Kadriye Aydın, Uğur Canpolat, Şafak Akın, Muhammet Dural, Jale Karakaya, Kudret Aytemir, Necla Özer, Alper Gürlek. *Anatol J Cardiol* 2016; 16: 000-000 (Ref #252)

Aortic pulsatility assessed by an oscillometric method is associated with coronary

atherosclerosis in elderly people. Atsushi Nakagomi, Sho Okada, Toshihiro Shoji & Yoshio Kobayashi. *Blood Press.* 2016 May 4:1-8 (Ref #251)

β-2 microglobulin level is negatively associated with global left ventricular longitudinal peak

systolic strain and left atrial volume index in patients with chronic kidney disease not on

dialysis. Akar Yılmaz, Banu Yılmaz, Selçuk Küçükseymen. *Anatol J Cardiol* 2016; 16: 000-000 (Ref #250)

Ambulatory (24 h) blood pressure and arterial stiffness measurement in Marfan syndrome

patients: a case control feasibility and pilot study. Matthias Hillebrand, Ghazaleh Nouri, Bernhard Hametner, Stephanie Parragh, Jelena Köster, Kai Mortensen, Achim Schwarz, Yskert von Kodolitsch, Siegfried Wassertheurer. *BMC Cardiovascular Disorders* (2016) 16:81 (Ref #249)

Understanding and Treating Central Blood Pressure. Enrico Agabiti-Rosei, M. Lorenza Muiesan. *Dialogues in Cardiovascular Medicine - Vol 20 . No. 3 . 2015* (Ref #248)

Pathophysiological effects of different risk factors for heart failure. Hong Yang, Ying Wang, Kazuaki Negishi, Mark Nolan, Thomas H Marwick. *Open Heart* 2016;3:e000339 (Ref #247)

Clinical Value and Practical Worth of Repeated Measurements of Vascular Biomarkers in End-

Stage Renal Disease. Marc Husmann, Oliver Schlager. *J Clin Hypertens (Greenwich).* 2016 May 25 (Ref #246)

Masked Hypertension in Low-Income South African Adults. Lisa J. Ware, Kirsten L. Rennie, Lebo F.

Gafane, Tarryn M. Nell, Jane E.S. Thompson, Johannes M. Van Rooyen, Rudolph Schutte, Aletta E. Schutte. *J Clin Hypertens (Greenwich).* 2016 May;18(5):396-404 (Ref #245)

Childhood Obesity Associates Haemodynamic and Vascular Changes That Result in Increased

Central Aortic Pressure with Augmented Incident and Reflected Wave Components, without

Changes in Peripheral Amplification. Juan M. Castro, Victoria García-Espinosa, Santiago Curcio, Maite Arana, Pedro Chiesa, Gustavo Giachetto, Yanina Zócalo, Daniel Bia. *International Journal of Vascular Medicine* Volume 2016, Article ID 3129304, 8 pages (Ref #244)

Heart rate dependence of stroke volume and systemic vascular resistance in hypertension and

aging. Kalaimani Elango, Sajeer Bhura, Peter J. Osmond, Joseph L. Izzo. *JASH* April 2016 Volume 10, Issue 4, Supplement, Page e24 (Ref #243)

Association of pulse wave velocity with risk factors for cardiovascular disease. Rogerio T.P. Okawa.

JASH April 2016 Volume 10, Issue 4, Supplement, Page e33 (Ref #242)

Ambulatory hemodynamic analysis in hypertension and aging. Sajeer Bhura, Kalaimani Elango, Peter J.

Osmond, Joseph L. Izzo. *JASH* April 2016 Volume 10, Issue 4, Supplement, Page e21 (Ref #241)

Change in aortic stiffness and central blood pressure post-kidney transplantation and their

determinants. Natalie Rodziewicz, Shashi Bhushan, Neeraj Singh. *JASH* April 2016 Volume 10, Issue 4, Supplement, Pages e11–e12 (Ref #240)

Association of systolic aortic pressure with risk factors for cardiovascular disease. Rogerio T.P.

Okawa. *JASH* April 2016 Volume 10, Issue 4, Supplement, Page e33 (Ref #239)

Association between central and peripheral blood pressure and periodontal disease in patients

with a history of myocardial infarction. Radosław Łysek, Piotr Jankowski, Maciej Polak, Krystyna Szafranec, Agnieszka Micek, Renata Wolfshaut-Wolak, Anna Łukaszewska, Thomas Weber, Danuta Czarnecka, Andrzej Pająk. *Pol Arch Med Wewn.* 2016; 126 (1-2): 41-47 (Ref #238)

The effect of aged garlic extract on blood pressure and other cardiovascular risk factors in

uncontrolled hypertensives: the AGE at Heart trial. Karin Ried, Nikolaj Travica, Avni Sali. *Integrated Blood Pressure Control* 2016;9 9–21 (Ref #237)

Zusammenhang zwischen maximaler Sauerstoffaufnahme und arterieller Gefäßsteifigkeit in Ruhe und während eines Cold Pressure Tests. Milatz F, Ketelhut S, Ketelhut RG. J KARDIOL 2016; 23 (1–2) (Ref #236)

Ambulatory blood pressure reduction following high-intensity interval exercise performed in water or dryland condition. Philippe Sosner, Mathieu Gayda, Olivier Dupuy, Mauricio Garzon, Christopher Lemasson, Vincent Gremeaux, Julie Lalongé, Mariel Gonzales, Douglas Hayami, Martin Juneau, Anil Nigam, Laurent Bosquet. May 2016 Volume 10, Issue 5, Pages 420–428 (Ref #235)

Fixed-dose combination therapy of nebivolol and valsartan for the treatment of hypertension. Gary E. Sandera, Camilo Fernandez, Thomas D. Giles. Volume 14, Issue 5, 2016, pages 563-572 (Ref #233)

Evaluation of arterial stiffness in children with type 1 diabetes using the oscillometric method. Semiha Terlemez, Yasin Bulut, Tolga Ünüvar, Yavuz Tokgöz, Ufuk Eryılmaz, Bülent Çelik. J Diabetes Complications. 2016 Mar 16. pii: S1056-8727(16)30049-6 (Ref #232)

Influence of the cold pressor test upon aortic pulse wave reflection in individuals with increased arterial stiffness. James Pearson, Anastasia Borner and Kyle Murray. April 2016 The FASEB Journal vol. 30 no. 1 Supplement Ib583 (Ref #231)

Mobility and handgrip strength but not aortic stiffness are associated with frailty in the elderly. L.M. Kannegieter, L. Tap, C. Oudshoorn, R.L. Van Bruchem-Visser, F.U.S. Mattace-Raso. Journal of Gerontology and Geriatrics 2016;64:2-8 (Ref #230)

Évaluation de l'alimentation, de l'activité physique et de la vitesse de l'onde de pouls d'une population étudiante en sciences et techniques des activités physiques et sportives. O. Sorin, M. Bidon, T. Niort, B. Quertier, V. Jaquinandi, B. Noury-Desvaux, G. Mahé. Journal des Maladies Vasculaires Volume 41, Issue 2, March 2016, Pages 136 (Ref #229)

Association of overhydration and cardiac dysfunction in patients have chronic kidney disease but not yet dialysis. Akar Yilmaz, Banu Yilmaz, Selçuk Küçükseymen, Emre Özpelit, Nihat Pekel. Néphrologie & Thérapeutique Volume 12, Issue 2, April 2016, Pages 94–97 (Ref #228)

Both Systemic and Pulmonary Artery Stiffness Predict Ventricular Functional Recovery after Successful Percutaneous Closure of Atrial Septal Defects in Adults. Ahmet Oytun Baykan, Mustafa Gür, Armağan Acele, Taner Şeker, Gülhan Yüksel Kalkan, Durmuş Yıldırım Şahin, Mevlüt Koc, Atilla Bulut, Hazar Harbalıoğlu, Murat Caylı. Congenital Heart Disease Volume 11, Issue 2, pages 144–154, March/April 2016 (Ref #227)

Immediate hemodynamic changes after revascularization of complete infrarenal aortic occlusion: A classic issue revisited. Efstratios Georgakarakos, Christos Argyriou, George S. Georgiadis, Christos V. Ioannou, Miltos K. Lazarides. Medical Hypotheses Volume 87, February 2016, Pages 22–27 (Ref #226)

2015

Presión arterial central y daño orgánico. Franciso José Pérez Lahiguera, Dr. José M^a Pascual Izuel, Dr. Enrique Rodilla Sala, 2015 (Ref#260)

Effect of a comprehensive ambulatory care model on outcomes of patients with acute coronary syndrome in Colombia. Dagnovar Aristizábal, Jaime Gallo, Ángela Valencia, Juan Jaime, Mónica Correa, Alberto Aristizábal, Marcela Montoya, José Abad. Rev Panam Salud Publica 38(5), 2015 (Ref #225)

Body Weight and Not Exercise Capacity Determines Central Systolic Blood Pressure, a Surrogate for Arterial Stiffness, in Children and Adolescents. Jan Müller, Joanna Meyer, Julia Elmenhorst, Renate Oberhoffer. J Clin Hypertens (Greenwich). 2015 Dec 22 (Ref #224)

Methotrexate and cardiovascular risk factors with a focus on arterial stiffness and blood pressure in patients with rheumatoid arthritis in Saudi Arabia : cross sectional and longitudinal analysis. Almalag, Haya. <http://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.675578> (Ref #223)

A novel oscillometric technique compared with cardiac magnetic resonance for the assessment of aortic pulse wave velocity in ST-segment elevation myocardial infarction. Hans-Josef Feistritzer, Sebastian J. Reinstadler, Gert Klug, Christian Kremser, Benjamin Seidner, Regina Esterhammer, Michael F. Schocke, Wolfgang-Michael Franz, Bernhard Metzler. LoS One. 2015; 10(1): e0116862 (Ref #222)

Vascular risk age and pulse wave velocity: can they be used in daily practice? Lale Tokgözoğlu, Serkan Asil, Hikmet Yorgun, Ozan Ünlü, Giray Kabakçı, Kudret Aytemir, Necla Özer. Anatol J Cardiol 2015; 15 (Suppl 1): 1-104 (Ref #221)

Comparison of aortic pulse wave velocity between the hypertensive patients with and without thoracic aort aneurysm using oscillometric method. Feyza Kurt, Nilüfer Ekşi Duran, Yetkin Korkmaz, Mustafa Serdar Yılmaz, Bekir Yılmaz Cingözbay. *Anatol J Cardiol* 2015; 15 (Suppl 1): 1-104 (Ref #220)

Association of fluid overload with cardiac structure and function in patients have chronic kidney disease but not yet dialysis. Akar Yılmaz, Banu Yılmaz, Selçuk Küçükseymen, Nihat Pekel, Mehmet Emre Özpelit. *Anatol J Cardiol* 2015; 15 (Suppl 1): 1-104 (Ref #219)

Arterial stiffness parameters are associated with vitamin D deficiency and supplementation in patients with normal cardiac functions. Murat Sünbül, Altug Cincin, Mehmet Bozbay, Ceyhun Mammadov, Halil Ataş, Ekmel Burak Özşenel, İbrahim Sarı, Yelda Başaran. *Anatol J Cardiol* 2015; 15 (Suppl 1): 1-104 (Ref #218)

Vascular risk age and pulse wave velocity: can they be used in daily practice? Lale Tokgözoğlu, Serkan Asil, Hikmet Yorgun, Ozan Ünlü, Giray Kabakcı, Kudret Aytemir, Necla Özer. *Anatol J Cardiol* 2015; 15 (Suppl 1): 1-104 (Ref #217)

Pulse wave reflections and their diurnal changes in patients with Marfan syndrome compared to healthy controls. Bernhard Hametner, Matthias Hillebrand, Ghazaleh Nouri, Stephanie Parragh, Jelena Köster, Kai Mortensen, Achim Schwarz, Yskert von Kodolitsch, Siegfried Wassertheurer. *Artery Research* December 2015 Volume 12, Page 11 (Ref #216)

Ambulatory and office central systolic blood pressure is more closely associated with left ventricular mass than ambulatory and office peripheral systolic blood pressure in a young normotensive population. Maria Kearney, James Thomas, Niamh Chapman, Laura Watkeys, Margaret Munnery, John Cockcroft, Rob Shave, Carmel McEniery, Eric Stöhr, Barry McDonnell *Artery Research* December 2015 Volume 12, Page s 27–28 (Ref #215)

Ambulatory aortic stiffness, independently of static, associates with narrower retinal arteriolar calibers in hypertensives: the SAFAR study. Evaggelia K Aissopou, Antonios A Argyris, Efthimia G Nasothimiou, George D Konstantonis, Konstantinos Tampakis, Nikolaos Tentolouris, Miltiadis Papatthanassiou, Panagiotis G Theodossiadi, Theodoros G Papaioannou, Coen D.A Stehouwer, Petros P Sfrikakis, Athanassios D Protogerou. *Artery Research* December 2015 Volume 12, Pages 41-42 (Ref #214)

Alcohol intake is associated with 24-hour aortic blood pressure in a young healthy student cohort. James Thomas, Niamh Chapman, Laura Watkeys, Maria Kearney, Sue King, Eric Stohr, John Cockcroft, Margaret Munnery, Carmel McEniery, Barry McDonnell. *Artery Research* December 2015 Volume 12, Page 27 (Ref #213)

Soluble IL-6 Receptor concentrations are associated with augmentation index in healthy young males. Matthew Armstrong, Cat Singh, Laura Watkeys, Linnet Thekkemuriyil, Jordan Tucker, Zoe Marshall, Richard Webb, Barry McDonnell. *Artery Research* December 2015 Volume 12, Page 5 (Ref #212)

The effect of physical activity on 24-hour Augmentation Index. Niamh Chapman, James Thomas, Maria Kearney, Laura Watkeys, Margaret Munnery, John R Cockcroft, Carmel M McEniery, Eric J Stohr, Barry J McDonnell. *Artery Research* December 2015 Volume 12, Page 28 (Ref #211)

Zusammenhang zwischen maximaler Sauerstoffaufnahme und arterieller Gefäßsteifigkeit in Ruhe und während eines Cold Pressor Tests. F. Milatz, S. Ketelhut, R. G. Ketelhut. *J KARDIOL* 2015; 22 (Ref #210)

The Diurnal Profile of Central Hemodynamics in a General Uruguayan Population. José Boggia, Leonella Luzardo, Inés Lujambio, Mariana Sottolano, Sebastián Robaina, Lutgarde Thijs, Alicia Olascoaga, Oscar Noboa, Harry A. Struijker-Boudier, Michel E. Safar, Jan A. Staessen. *Am J Hypertens.* 2015 Oct 16. pii: hpv169 (Ref #209)

Differential response to endothelial epithelial sodium channel inhibition ex vivo correlates with arterial stiffness in humans. Malte Lenders, Verena Hofschroer, Boris Schmitz, Bernd Kasprzak, Astrid Rohlmann, Markus Missler, Hermann Pavenstädt, Hans Oberleithner, Stefan-Martin Brand, Kristina Kusche-Vihrog, Eva Brand. *Journal of Hypertension* 2015, 33:000–000 (Ref #208)

N-terminal pro-B-type natriuretic peptide is associated with aortic stiffness in patients presenting with acute myocardial infarction. Hans-Josef Feistritzer, Sebastian J Reinstadler, Gert Klug, Christian Kremser, Andrea Rederlechner, Johannes Mair, Silvana Müller, Wolfgang-Michael Franz, Bernhard Metzler. *Eur Heart J Acute Cardiovasc Care.* 2015 Oct 9. pii: 2048872615610866 (Ref #207)

Crosstalk between arterial stiffness, arterial age and blood count in hematologic malignancies. Ioana Mozos, Rodica Mihaescu. *Jokull (Impact Factor: 0.77).* 09/2015; 65(9):105-115. (Ref #206)

Clinical Effects of Phosphodiesterase 3A Mutations in Inherited Hypertension With Brachydactyly. Toka O, Tank J, Schächterle C, Aydin A, Maass PG, Elitok S, Bartels-Klein E, Hoffinger I, Lindschau C, Mai K, Boschmann M, Rahn G, Movsesian MA, Müller T, Doescher A, Gnath S, Mühl A, Toka HR, Wefeld-Neuenfeld Y, Utz W, Töpper A, Jordan J, Schulz-Menger J, Klussmann E, Bähring S, Luft FC. *Hypertension.* 2015 Oct;66(4):800-8 (Ref #205)

The relationship between nephropathy, retinopathy, obesity and arterial stiffness in type 2 diabetes mellitus. Bilgin Demir, Sibel Demiral Sezer, Ömercan Topaloğlu, Emin Taşkıran, Burcu Işık, Utku Erdem Soyaltın, Harun Akar. FNG & Bilim Tıp Dergisi 2015;1(2):59-67 (Ref #204)

Assessment of central aortic pressure and its association to all cause mortality critically depends on wave form calibration. Siegfried Wassertheuer, Marcus Baumann. J Hypertens. 2015 Sep;33(9):1884-9. doi: 10.1097 (Ref #203)

CAN WE USE THE CONCEPT OF "ARTERIAL AGING" TO PREDICT BLOOD PRESSURE

LEVELS? Weber T, Fitscha P, Hametner B, Wytrzens C, Wassertheurer S, Kellermair J, Eber B. J Hypertens. 2015 Jun;33 Suppl 1:e26. doi: 10.1097/01.hjh.0000467419.26688.b0. (Ref#202)

24 months follow up of the Luebeck and Erlangen RDN registry: RDN improves 24 h peripheral and central blood pressure as well as 24h-arterial stiffness
24 months follow up of the Luebeck and Erlangen RDN registry: RDN improves 24 h peripheral and central blood pressure as well as 24h-arterial stiffness. K.F. Franzen, K. Mortensen, T. Graf, J. Weil, R.M. Schmieder, C. Ott, M. Reppel. European Heart Journal (2015) 36 (Abstract Supplement), 1055 (Ref#201)

Ambulatory 24-hour cardiac oxygen consumption and blood pressure-heart rate variability: effects of nebivolol and valsartan alone and in combination. Izzo JL Jr, Khan SU, Saleem O, Osmond PJ. J Am Soc Hypertens. 2015 Jul;9(7):526-35. doi: 10.1016 (Ref#200)

EVALUATION OF CENTRAL BLOOD PRESSURE DURING A VERY LONG DISTANCE WALKING.

Vitorino PV1, Souza WK, Pereira EN, Rezende JM, Arantes AC, Marques NG, Silva AA, Pinheiro MC, Jardim TS, Jardim PC, Sousa AL. J Hypertens. 2015 Jun;33 Suppl 1:e6-7. (Ref#199)

24H CENTRAL BLOOD PRESSURE AND PULSE WAVE VELOCITY MONITORING IN NORMOTENSIVE, HYPERTENSIVE, WHITE COAT HYPERTENSION AND MASKED HYPERTENSION YOUNG ADULTS.

Faria RA, Brandao AA, Pozzan R, Paiva AG, Magalhaes ME, Campana EM, Fonseca FL, Gomes MA. J Hypertens. 2015 Jun;33 Suppl 1:e39 (Ref#198)

HIGH FREQUENCY OF MASKED HYPERTENSION AND ASSOCIATED ARTERIAL STIFFNESS IN

AFRICANS. Schutte AE, Ware LJ, Rennie KL, Gafane LF, Nell TM, Thompson JE, Schutte R. J Hypertens. 2015 Jun;33 Suppl 1:e75 (Ref#197)

24-HOUR AMBULATORY CENTRAL BLOOD PRESSURE VARIABILITY AND TARGET-ORGAN

DAMAGE IN ADOLESCENTS AND YOUNG ADULTS. Ntineri A, Kollias A, Zeniodi M, Moysakakis I, Georgakopoulos D, Servos G, Vazeou A, Stergiou GS. J Hypertens. 2015 Jun;33 Suppl 1:e34 (Ref#196)

COMPARISON OF CENTRAL HEMODYNAMIC INDICES FOR PREDICTING THE PRESENCE AND SEVERITY OF CORONARY ARTERY DISEASE USING A BRACHIAL CUFF-BASED

OSCILLOMETRIC DEVICE. Nakagomi A, Okada S, Shoji T, Kobayashi Y. J Hypertens. 2015 Jun;33 Suppl 1:e30 (Ref#195)

DIFFERENTIAL EFFECTS NEBIVOLOL AND VALSARTAN ALONE AND IN COMBINATION ON

24-HOUR AMBULATORY RATE-PRESSURE PRODUCT, STROKE LOAD, AND BLOOD PRESSURE-HEART RATE VARIABILITY. Izzo J, Saleem O, Khan S, Osmond P. J Hypertens. 2015 Jun;33 Suppl 1:e93 (Ref#194)

24 HOUR MODULATION OF PERIPHERAL AND CENTRAL BLOOD PRESSURE, HEART RATE AND ARTERIAL STIFFNESS IN HEART TRANSPLANT HYPERTENSIVE INDIVIDUALS.

Varrenti M, Meani P, Giupponi L, Vallerio P, Ferrari E, Stucchi M, Maloberti A, Bruno J, Turazza F, Parati G, Frigerio M, Giannattasio C. J Hypertens. 2015 Jun;33 Suppl 1:e5 (Ref#193)

The Association Between the Cardio-ankle Vascular Index and Other Parameters of Vascular

Structure and Function in Caucasian Adults: MARK Study. Gomez-Sanchez L, Garcia-Ortiz L, Patino-Alonso MC, Recio-Rodriguez JI, Frontera G, Ramos R, Martí R, Agudo-Conde C, Rodriguez-Sanchez E, Maderuelo-Fernández JA, Gomez-Marcos MA. J Atheroscler Thromb. 2015 May 20 (Ref#192)

Coronary collateral development and arterial stiffness in patients with chronic coronary total occlusions. Baykan AO1, Gür M, Acele A, Şeker T, Quisi A, Yıldırım A, Çaylı M. Scand Cardiovasc J. 2015 Aug;49(4):228-34 (Ref#191)

The relationship between weight, height and body mass index with hemodynamic parameters

is not same in patients with and without chronic kidney disease. Afsar B, Elsurur R, Soypacaci Z, Kanbay M. Clin Exp Nephrol. 2015 Jun 19 (Ref#190)

Increased arterial stiffness and its relationship with inflammation, insulin, and insulin

resistance in celiac disease. Korkmaz H, Sozen M, Kebapçılar L. Eur J Gastroenterol Hepatol. 2015 Jul 15 (Ref#189)

The Relationship between Serum Oxalic Acid, Central Hemodynamic Parameters and Colonization by Oxalobacter formigenes in Hemodialysis Patients. Gulhan B, Turkmen K, Aydin M, Gunay M, Cikman A, Kara M. *Cardiorenal Med.* 2015 Jun;5(3):164-74. (Ref#188)

The effect of Ovation Stent-Graft System on aortic pulse wave velocity: preliminary report on three cases. Georgakarakos E, Argyriou C, Ioannou CV, Kontopodis N, Lazarides MK. *Ann Vasc Surg.* 2015 Aug 6 (Ref#187)

Non-dipping blood pressure patterns and arterial stiffness parameters in patients with Behcet's disease. Celik G, Yilmaz S, Ergulu Esmen S. *Hypertens Res.* 2015 Aug 13 (Ref#186)

Central arterial characteristics of gout patients with chronic kidney diseases. Celik G, Yilmaz S, Kebapcilar L, Gundogdu A. *Int J Rheum Dis.* 2015 Jul 14 (Ref#184)

Increased intima-media thickness is not associated with stiffer arteries in children. Weberruß H, Pirzer R, Böhm B, Elmenhorst J, Pozza RD, Netz H, Oberhoffer R. *Atherosclerosis.* 2015 Sep;242(1):48-55. (Ref#183)

CENTRAL AMBULATORY VERSUS CLINIC BLOOD PRESSURE: ASSOCIATION WITH TARGET ORGAN DAMAGE IN ADOLESCENTS AND YOUNG INDIVIDUALS. A. Ntineri, A. Kollias, M. Zeniodi, I. Moyssakis, D. Georgakopoulos, G. Servos, A. Vazeou, G.S. Stergiou. *Journal of Hypertension Volume 33, eSupplement 1, 2015, e479 (Ref#182)*

INFLUENCE OF EXERCISE INTERVENTION ON BLOOD PRESSURE, ARTERIAL STIFFNESS AND MOTOR PERFORMANCE IN 7 YEAR OLD CHILDREN. S. Ketelhut, C. Hacke, R.G. Ketelhut, K. Ketelhut. *Journal of Hypertension Volume 33, eSupplement 1, 2015, e482 (Ref#181)*

INFLUENCE OF AEROBIC CYCLING ON STRESS TEST RELATED ARTERIAL COMPLIANCE AND ITS RELATIONSHIP TO MAXIMAL OXYGEN CONSUMPTION. F. Milatz, S. Ketelhut, R.G. Ketelhut. *Journal of Hypertension Volume 33, eSupplement 1, 2015, e275-276 (Ref#180)*

BLOOD PRESSURE/HEART RATE VARIABILITY IN HOME BLOOD PRESSURE MONITORING: ITS RELATIONSHIP WITH ARTERIAL STIFFNESS. P. Kempny, S. Gonzalez, C. Castellaro, P. Forcada, J. Chiabaut Svane, S. Obregon, C. Kotliar. *Journal of Hypertension Volume 33, eSupplement 1, 2015, e290 (Ref#179)*

HIGHER NEUTROPHIL TO LYMPHOCYTE RATIO AND HYPERDYNAMIC CIRCULATION COULD MEDIATE RISK OF ARTERIAL STIFFNESS IN DEPRESSIVE SUBJECTS. S. Obregon, M. Haehnel, E. Huguet, M. Cadenas, L. Brandani, M. Koretzky, G. Manccanelli, P. Pardini, E. Perasso Dulude, D. Sabate, L. Vigna, P. Carrizo, C. Kotliar. *Journal of Hypertension Volume 33, eSupplement 1, 2015, e308 (Ref#178)*

AN ASSESSMENT OF PULSE WAVE VELOCITY BY ARTERIOGRAPH AND MOBILOGRAPH IN BARBADIANS. C.E. Mills, H.H. Jenkins, K. Connell, J.K. Cruickshank. *Journal of Hypertension Volume 33, eSupplement 1, 2015, e309 (Ref#177)*

SERUM GLUCOSE LEVELS AND ITS ASSOCIATION WITH VASCULAR STRUCTURE AND FUNCTION IN ADULTS WITH INTERMEDIATE CARDIOVASCULAR RISK. MARK STUDY. L. Gomez-Sánchez, L. García-Ortiz, J. Recio-Rodríguez, M. Patino-Alonso, C. Agudo-Conde, M. Gomez-Sánchez, E. Rodríguez-Sánchez, J. Maderuelo-Fernández, F. Rigó, R. Ramos-Blanes, R. Martí, D. Parramont, G. Frontera, M. Gomez-Marcos. *Journal of Hypertension Volume 33, eSupplement 1, 2015, e311 (Ref#176)*

24 HOURS CENTRAL BLOOD PRESSURE AND PULSE WAVE VELOCITY MONITORING IN NORMOTENSIVE AND UNTREATED HYPERTENSIVE YOUNG ADULTS. A. Brandao, R. Almeida De Faria, R. Pozzan, A. Gomes Paiva, E. Goncalves Campana, M. Campos Magalhaes, F. Lopes Fonseca, M. Mota Gomes. *Journal of Hypertension Volume 33, eSupplement 1, 2015, e312 (Ref#175)*

DIFFERENTIAL 24HOUR AMBULATORY HEMODYNAMIC EFFECTS OF NEBIVOLOL AND VALSARTAN ALONE AND IN COMBINATION. O. Saleem, S.U. Khan, P.J. Osmond, J.L. Izzo. *Journal of Hypertension Volume 33, eSupplement 1, 2015, e325 (Ref#174)*

PERIPHERAL, CENTRAL NON INVASIVE HEMODYNAMICS AND ARTERIAL STIFFNESS IN EARLY PUERPERIUM NORMAL AND COMPLICATED HYPERTENSIVE DISEASE PREGNANCY. J. Lopez-Rivera, M. Cedeno-Buitrago, J. Lopez-Saavedra, S. Scrocchi, M. Badillo. *Journal of Hypertension Volume 33, eSupplement 1, 2015, e348-349 (Ref#173)*

ARTERIAL HYPERTENSION: URIC ACID AND CARDIOVASCULAR RISK. A.J. Ramirez, R. Sanchez. *Journal of Hypertension Volume 33, eSupplement 1, 2015, e383 (Ref#172)*

LIFESTYLES AND VASCULAR STRUCTURE AND FUNCTION PARAMETERS. MARK STUDY. L. Garcia-Ortiz, C. Agudo-Conde, R. Ramos-Blanes, J. Recio-Rodríguez, R. Martí, E. Rodríguez-Sánchez, F. Rigó, G. Frontera, J. Maderuelo-Fernández, M. Patino-Alonso, B. Sánchez-Salgado, C. Rodríguez-Martín, A. De Cabo Laso, M. Castano Sánchez, M. Gomez-Marcos. *Journal of Hypertension Volume 33, eSupplement 1, 2015, e 149 (Ref#171)*

24HOUR AMBULATORY CENTRAL VERSUS PERIPHERAL BLOOD PRESSURE VARIABILITY IN YOUNG INDIVIDUALS. A. Ntineri, A. Kollias, M. Zeniodi, A. Vazeou, G.S. Stergiou. *Journal of Hypertension* Volume 33, eSupplement 1, 2015, e 161 (Ref#170)

BOTH CALIBRATION MODE AND SEX DIFFERENCE AFFECT THE CENTRAL BLOOD PRESSURE MEASURED BY A BRACHIAL CUFFBASED MONITORING DEVICE IN JAPANESE CARDIOVASCULAR PATIENTS. T. Shoji, S. Okada, A. Nakagomi, Y. Kobayashi. *Journal of Hypertension* Volume 33, eSupplement 1, 2015, e179 (Ref#169)

COMPARISON OF INVASIVE AND NONINVASIVE METHOD FOR ASSESSMENT OF PULSE PRESSURE AMPLIFICATION. A. Nakagomi, S. Okada, T. Shoji, Y. Kobayashi. *Journal of Hypertension* Volume 33, eSupplement 1, 2015, e179-180 (Ref#168)

COMPARATIVE STUDY OF TWO AMBULATORY BLOOD PRESSURE MONITORS THAT USE DIFFERING METHODS OF CALIBRATION TO DETERMINE CENTRAL AORTIC BLOOD PRESSURE FROM THE BRACHIAL WAVEFORM. P. Hathway, M. Butlin, M. Turner, A.P. Avolio. *Journal of Hypertension* Volume 33, eSupplement 1, 2015, e181 (Ref#167)

AMPLIFICATION BLOOD PRESSURE CHARACTERIZATION IN YOUNG HEALTHY MALES. M. Koretzky, S. Obregon, E. Huguet, M. Haehnel, L. Brandani, M. Cadenas, F. Vaisbuj, E. Perasso Dulude, C. Kotliar. *Journal of Hypertension* Volume 33, eSupplement 1, 2015, e183 (Ref#166)

CALIBRATION MODE AFFECTS THE SIGNIFICANCE OF PULSE WAVE VELOCITY MEASURED BY A BRACHIAL CUFFBASED MONITORING DEVICE FOR PREDICTION OF SIGNIFICANT CORONARY ARTERY DISEASE. T. Shoji, S. Okada, A. Nakagomi, Y. Kobayashi. *Journal of Hypertension* Volume 33, eSupplement 1, 2015, e186 (Ref#165)

RISK OF EARLY VASCULAR AGEING IN NORMOTENSIVE SUBJECTS. C. Castellaro, S. Gonzalez, P. Kempny, P. Forcada, J. Chiabaut Svane, S. Obregon, C. Kotliar. *Journal of Hypertension* Volume 33, eSupplement 1, 2015, e221 (Ref#164)

Diabetic hypertensive patients have a blood pressure to wake up and arterial stiffness significantly higher than those not diabetic at similar ages. Ricardo M. Cabrera Sole, Caridad Turpin Lucas, Liliana Urrega Rivera, Santiago Garcia Ruiz, Manuel Aguilera Saldana. *Journal of the American Society of Hypertension* 9(4S) (2015) e91 (Ref#162)

Nebivolol and valsartan alone and in combination: effects on 24-hour ambulatory cardiac work and blood pressure-heart rate variability. Safi U. Khan, Osman Saleem, Peter J. Osmond, Joseph L. Izzo. *Journal of the American Society of Hypertension* 9(4S) (2015) e54 - e55 (Ref#161)

Hypertensive women have less central blood pressures and arterial stiffness compared to hypertensive men with similar peripheral blood pressures and age. Ricardo M. Cabrera-Sole, Caridad Turpin Lucas, Liliana Urrega Rivera, Santiago Garcia Ruiz, Erik Luepke Estephan, Manuril Aguilera Saldana. *Journal of the American Society of Hypertension* 9(4S) (2015) e38 (Ref#160)

24 Hours central blood pressure and pulse wave velocity in normotensive and untreated hypertensive young adults. Andrea A. Brandao, Rafael A. Faria, Roberto Pozzan, Annelise G. Paiva, Maria Eliane C. Magalhaes, Erika Maria G. Campana, Flavia L. Fonseca, Marco Antonio Mota Gomes. *Journal of the American Society of Hypertension* 9(4S) (2015) e38 (Ref#159)

Dependence of ambulatory oscillometric brachial pulse wave velocity (Mobil-O-Graph) on systolic blood pressure. Sameh Basta, Tanveer Hussain, Peter J. Osmond, Joseph L. Izzo. *Journal of the American Society of Hypertension* 8(4S) (2014) e36 – e37 (Ref#158)

24h central blood pressure and pulse wave velocity in normotensive, hypertensive, white coat hypertension and masked hypertension young adults. Rafael A. Faria, Annelise G. Paiva, Roberto Pozzan, Maria Eliane C. Magalhaes, Erika Maria G. Campana, Flavia L. Fonseca, Marco Antonio M. Gomes, Andrea A. Brandao. *Journal of the American Society of Hypertension* 9(4S) (2015) e30 (Ref#157)

Differential hemodynamic effects of nebivolol and valsartan from 24-hour ambulatory pulse wave analysis. Safi U. Khan, Osman Saleem, Peter J. Osmond, Joseph L. Izzo. *Journal of the American Society of Hypertension* 9(4S) (2015) e21 (Ref#156)

Estimation of the Risk of Somatization in Hypertensive Patients. María Cadenas, Sebastián Obregón, Martín Koretzky, Laura Brandani, Mariana Haehnel, Mariana Maristany, Fabián Vaisbuj, Ezequiel Huguet, Débora Chan, Carol Kotliar. *Rev Argent Car diol* 2015;83:130-135 (Ref#155)

Leukocyte Subtype Counts and Its Association with Vascular Structure and Function in Adults with Intermediate Cardiovascular Risk. MARK Study. Leticia Gomez-Sanchez, Luis García-Ortiz, José I.

Recio-Rodríguez, Maria C. Patino-Alonso, Cristina Agudo-Conde, Fernando Rigo, Rafel Ramos, Ruth Martí, Manuel A. Gomez-Marcos. PLoS ONE 10(4): e0119963. doi:10.1371/journal.pone.0119963 (Ref#154)

Ambulatory aortic blood pressure, wave reflections and pulse wave velocity are elevated during the third in comparison to the second interdialytic day of the long interval in chronic haemodialysis patients.

Georgios Koutroumbas, Panagiotis I. Georgianos, Pantelis A. Sarafidis, Athanase Protogerou, Antonios Karpetas, Pantelis Vakianis, Vassilios Raptis, Vassilios Liakopoulos, Stylianos Panagoutsos, Christos Syrganis and Ploumis Passadakis. *Nephrol. Dial. Transplant.* (2015) doi: 10.1093/ndt/gfv090 (Ref#153)

Noninvasively Measured Pulsatile Component of Central Blood Pressure Predicts the Presence and Severity of Coronary Artery Disease.

Atsushi Nakagomi, Sho Okada, Toshihiro Shoji, Yoshio Kobayashi. *Circulation Journal* 2015, 79(Suppl. I):I-1831 (Ref#152)

A prospective observational study comparing a non-operator dependent automatic PWV analyser to pulse pressure, in assessing arterial stiffness in hemodialysis.

Igor Salvadé, Sibylle Schättli-Stählin, Eleonora Violetti, Carlo Schönholzer, Claudio Cereghetti, Hugo Zwahlen, Lorenzo Berwert, Michel Burnier and Luca Gabutti. *BMC Nephrology* (2015) 16:62 (Ref#151)

Favorable effect of aerobic exercise on arterial pressure and aortic pulse wave velocity during stress testing

Florian Milatz¹, Sascha Ketelhut², and Reinhard G. Ketelhut^{1, 2, 4} (Ref#150)

Increased nocturnal heart rate and wave reflection are early markers of cardiovascular disease in Williams-Beuren syndrome children.

Alessandro Maloberti, Francesca Cesana, Bernhard Hametner, Dario Dozio, Paolo Villa, Martin Hulpke-Wette, Achim Schwarz, Angelo Selicorni, Siegfried Wassertheurer, Giuseppe Mancina, and Cristina Giannattasio. *Journal of Hypertension* 2015, 33:804–809 (Ref#149)

Noninvasive Blood Pressure Amplification Does Not Predict Significant Coronary Artery Disease Due to Its Inaccuracy in Measurement.

Toshihiro Shoji, Sho Okada, Atsushi Nakagomi, Yoshio Kobayashi. *JACC* March 17, 2015 Volume 65, Issue 10S (Ref#148)

Effect of acute high-intensity resistance exercise on optic nerve sheath diameter and ophthalmic artery blood flow pulsatility.

W K Lefferts, W E Hughes and K S Heffernan. *Journal of Human Hypertension*, (5 March 2015) | doi:10.1038/jhh.2015.12 (Ref #147)

Decrease of Urotensin II activity can impact on the volume status in predialysis chronic kidney disease.

Yilmaz B, Yilmaz A, Sari F, Sarikaya AM, Ellidag HY, Kucukseymen S, Ozpelit E, Ren Fail. 2015 Jan 22:1-6 (Ref #146)

Study for Promotion of Health in Recycling Lead - Rationale and design.

Hara A, Gu YM, Petit T, Liu YP, Jacobs L, Zhang ZY, Yang WY, Jin Y, Thijs L, Wei FF, Nawrot TS, Staessen JA, Blood Press. 2015 Jan 26:1-11 (Ref #145)

Ambulatory Recording of Wave Reflections and Arterial Stiffness during Intra- and Interdialytic Periods in Patients Treated with Dialysis.

Antonios Karpetas, Pantelis A. Sarafidis, Panagiotis I. Georgianos, Athanase Protogerou, Pantelis Vakianis, Georgios Koutroumpas, Vasileios Raptis, Dimitrios N. Stamatiadis, Christos Syrganis, Vasillios Liakopoulos, Georgios Efstratiadis, Anastasios N. Lasaridis, Clin J Am Soc Nephrol. 2015 Jan 29. pii: CJN.08180814 (Ref #144)

Comparison of an oscillometric method with cardiac magnetic resonance for the analysis of aortic pulse wave velocity.

Hans-Josef Feistritzer, Sebastian J. Reinstadler, Gert Klug, Christian Kremser, Benjamin Seidner, Regina Esterhammer, Michael F. Schocke, Wolfgang, Michael Franz, Bernhard Metzler, PLoS One. 2015 Jan 22;10(1):e0116862. doi: 10.1371/journal.pone.0116862. eCollection 2015 (Ref #143)

Acute effects of interval versus continuous endurance training on pulse wave reflection in healthy young men.

Henner Hanssen, Monique Nussbaumer, Christoph Moor, Mareike Cordes, Christian Schindler, Arno Schmidt-Trucksäss, *Atherosclerosis*, February 2015 Volume 238, Issue 2, Pages 399–406 (Ref #142)

Urinary Sodium Excretion and Ambulatory Blood Pressure Findings in Patients With Hypertension.

Afsar B1, Elsurer R, Kirkpantur A, Kanbay M. *J Clin Hypertens (Greenwich)*. 2015 Jan 5. doi: 10.1111/jch.12464. (Ref #141)

Noninvasive measurement of central aortic pressure- a marker for assessment of cardiovascular risk.

N. Georgieva, D. Somleva, N. Zlatareva and A. Goudev. *Clinic of Cardiology, UMHAT "Queen Yoanna" – ISUL, Medical University – Sofia* (Ref #140)

Percentiles for central blood pressure and pulse wave velocity in children and adolescents recorded with an oscillometric device.

Julia Elmenhorst, MD, MSc, Martin Hulpke-Wette, MD, Christiane Barta, Robert Dalla Pozza, MD, Stephan Springer, MD, Renate Oberhoffer, MD. *Atherosclerosis* Volume 238, Issue 1, Pages 9–16, January 2015 (Ref #134)

2014

Calibration With Mean Blood Pressure is Essential for Utilization of Brachial Pulse Wave Analysis-Based Ambulatory Central Blood Pressure Monitor for Cardiovascular Patients.

Toshihiro Shoji; Sho Okada; Atsushi Nakagomi; Yoshio Kobayashi. *Circulation* 2014; 130: A20656 (Ref #217)

Plasma Parathyroid Hormone is Independently Related to 24-Hour Pulse Wave Velocity in Patients With Primary Hyperparathyroidism - Insights from The EPATH Study.

Julia Wetzel, Nicolas Verheyen, Evgeny Belyavskiy, Albrecht Schmidt, Caterina Colantonio, Elisabeth Kraigher-Krainer, Martin Gaksch, Martin Grübler, Johannes Schmid, Astrid Fahrleitner-Pammer, Burkhard Pieske, Stefan Pilz, Andreas Tomaschitz. *Circulation*. 2014; 130: A15844 (Ref #139)

Einfluss eines akuten Ausdauertrainings auf den peripheren und zentral-aortalen Blutdruck in Ruhe sowie während eines Stresstests. Florian Milatz, Sascha Ketelhut, Reinhard G. Ketelhut. *PERFUSION* 2014; 27: 56–60 (Ref #137)

Aortic stiffness increases in proportion to the severity of apnea-hypopnea index in patients with obstructive sleep apnea syndrome. Cörtük M, Akyol S, Baykan AO, Kiraz K, Uçar H, Caylı M, Kandıç H. *Clin Respir J*. 2014 Nov 17. doi: 10.1111/crj.12244. [Epub ahead of print] (Ref #136)

Association of left ventricular diastolic dysfunction with 24-h aortic ambulatory blood pressure: the SAFAR study.

Y Zhang, G Kollias, A A Argyris, T G Papaioannou, C Tountas, G D Konstantonis, A Achimastos, J Blacher, M E Safar, P P Sfikakis and A D Protogerou. *Journal of Human Hypertension*, (13 November 2014) (Ref #135)

Central blood pressure assessment using 24-hour brachial pulse wave analysis. Maria Lorenza Muesan, Massimo Salvetti, Fabio Bertacchini, Claudia Agabiti-Rosei, Giulia Maruelli, Efrem Colonetti, Anna Paini. *Journal of Vascular Diagnostics*, 24 October 2014 (Ref #133)

Aortic is superior to brachial ambulatory blood pressure monitoring for the detection of early damage at the heart and the carotid artery but not at the retinal microcirculation: The noninvasive Aortic ambulatory blood pressure monitoring For the detection of target organ damage (SAFAR) study.

Athanase Protogerou, Evaggelia Aissopou, Antonis Argyris, Christos Tountas, Giorgos Konstantonis, Efthimia Nasothimiou, Theodoros Papaioannou, Apostolos Achimastos, Jacques Blacher, Michel Safar, Petros Sfikakis. *Artery Research* December 2014 Volume 8, Issue 4, Page 129 (Ref #132)

Carotid-femoral and brachial pulse wave velocity in peripheral arterial disease. Martina Frick, Vincenzo Jacomella, Stephanie Roth, Ian B. Wilkinson, Beatrice Amann-Vesti, Marc Husmann. *Artery Research* December 2014 Volume 8, Issue 4, Page 145 (Ref #131)

24 hour central ambulatory blood pressure: usual values and relationship with markers of cardiovascular risk. Carmel McEniery, Jane Smith, Gabriele Pestelli, Jean Woodcock-Smith, Karen Miles, John Cockcroft, Ian Wilkinson. *Artery Research* December 2014 Volume 8, Issue 4, Page 123 (Ref #130)

The differential effects of resistance training and endurance training on augmentation index: a pilot study. Isabel Softley, Emily Kier, Samuel Cooke, Matt Bowes, Laura Watkeys, Nichola Gale, John Cockcroft, Barry McDonnell. *Artery Research* December 2014 Volume 8, Issue 4, Page 146 (Ref #129)

Feasibility of 24-hour central blood pressure measurements - the isar hemodialysis study.

Marcus Baumann, Martin Bauhofer, Siegfried Wassertheurer, Susanne Tholen, Christine Hauser, Yana Suttmann, Anna-Lena Hasenau, Uwe Heemann, Christoph Schmaderer. *Artery Research* December 2014 Volume 8, Issue 4, Page 151 (Ref #128)

A study on ambulatory measurement of central hemodynamics on healthy individuals with no cardiovascular risk factors. Antonios Lazaridis, Eirini Papadopoulou, Anna Varouktsi, Konstantinos Imprialos, Michalis Doulas, Evgenia Gkaliagkousi, Vasileios Athiros, Asterios Karagiannis. *Artery Research* December 2014 Volume 8, Issue 4, Page 157 (Ref #127)

Lack of recovery in nocturnal decline of heart rate and blood pressure after heart

transplantation. Paolo Meani, Marisa Varrenti, Luca Giupponi, Luca Bonacchini, Valeria Riva, Alessandro Maloberti, Fabio Turazza, Maria Frigerio, Gianfranco Parati, Siegfried Wassertheurer, Cristina Giannattasio. *Artery Research* December 2014 Volume 8, Issue 4, Page 144 (Ref #125)

Gamma Glutamyl Transferase Activity is Associated With Both Paraoxonase Activity and

Aortic Stiffness in Hypertensive Patients. Gözükar MY, Börekçi A, Gür M, Aksoy N, Seker T, Kaypaklı O, Uçar H, Türkoğlu C, Koç M, Makca I, Akyol S, Selek S, Caylı M. *J Clin Lab Anal*. 2014 Aug 17. doi: 10.1002 (Ref #124)

Arterial stiffness in patients with non-alcoholic fatty liver disease is related to fibrosis stage and epicardial adipose tissue thickness. Murat Sunbul, Mehmet Agirbasli, Erdal Durmus, Tarik Kivrak, Hakan

Akin, Yucel Aydin, Rabia Ergelen, Yusuf Yilmaz. *Atherosclerosis*, Volume 237, Issue 2, December 2014, Pages 490-493 (Ref #123)

Evaluation of a novel brachial cuff-based oscillometric method for estimating central systolic pressure in hemodialysis patients. Sarafidis P.A., Georgianos P.I., Karpetas A., Bikos A., Korelidou L., Tersi M., Divanis D., Tzani G., Mavromatidis K., Liakopoulos V., Zebekakis P.E., Lasaridis A., Protogerou A.D. *Am J Nephrol* 2014;40:242-250 (Ref #122)

Morning blood pressure surge is associated with serum gamma-glutamyltransferase activity in essential hypertensive patients. R Elsurer and B Afsar. *Journal of Human Hypertension*, (28 August 2014) | doi:10.1038/jhh.2014.74 (Ref #121)

Central hemodynamics and arterial stiffness improve after renal denervation in 24h ambulatory measurements - a mid-term follow-up of the luebeck rdn registry. K.F. Franzen, A. Reinhardt, T. Graf, H. Thiele, M. Reppel, K. Mortensen. *European Heart Journal* (2014) 35 (Abstract Supplement), 1190-1191 (Ref #120)

Left-ventricular hypertrophy is associated better with 24-h aortic pressure than 24-h brachial pressure in hypertensive patients: the SAFAR study. Athanase D. Protogerou, Antonis A. Argyris, Theodoros G. Papaioannou, Georgios E. Kollias, Giorgos D. Konstantonis, Efthymia Nasothimiou, Apostolos Achimastos, Jacques Blacher, Michel E. Safar, Petros P. Sfikakis. *J Hypertens*. 2014 Sep;32(9):1805-14. doi: 10.1097/HJH.0000000000000263. (Ref #119)

Increased pulse wave velocity and relationship with inflammation, insulin, and insulin resistance in inflammatory bowel disease. Korkmaz H, Sahin F, Ipekci SH, Temel T, Kebapcilar L. *Eur J Gastroenterol Hepatol*. 2014 Jul;26(7):725-32. doi: 10.1097/MEG.0000000000000104. (Ref #117)

24-hour ambulatory central blood pressure and preclinical target organ damage in adolescents and young adults. A. Ntineri, A. Kollias, A. Charokopakis, D. Georgakopoulos, I. Moyssakis, A. Vazeou, G.S. Stergiou. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e131 (Ref #112)

Impact and function of a Mineralocorticoid receptor non-coding variant on arterial stiffness. M. Lenders, B. Schmitz, B. Kasprzak, S. Brand, E. Brand. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e60 (Ref #111)

24-hr ambulatory central blood pressure circadian patterns on a population cohort. M. Sottolano, I. Lujambio, L. Luzardo, S. Robaina, N. Krul, A. Da Rosa, F. Carusso, C. Rios, A. Olascoaga, O. Noboa, J. Boggia. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e456 (Ref #110)

The Genotype, Phenotype and environment of hypertension in Uruguay study (GEFA). I. Lujambio, M. Sottolano, S. Robaina, L. Luzardo, N. Krul, A. Da Rosa, F. Carusso, A.C. Rios, A. Olascoaga, O. Noboa, J. Boggia. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e455 (Ref #109)

Aortic to brachial pulse pressure amplification as functional marker and predictor of renal function loss in chronic kidney disease. M. Baumann, S. Wassertheurer, U. Heemann. *Journal J Clin Hypertens (Greenwich)*. 2014 Jun;16(6):401-5. doi: 10.1111/jch.12316 (Ref #108)

Excess pressure is independently related to measures of lv mass and concentric geometry in essential hypertension. G. Pucci, B. Hametner, F. Battista, F. Anastasio, S. Wassertheurer, G. Schillaci. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e223 (Ref #107)

Wave reflection does not differ between patients with normal and with severely impaired systolic function. T. Weber, S. Parragh, B. Hametner, M. Bachler, B. Eber, S. Wassertheurer. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e221 (Ref #106)

Comparison of pulse wave velocity, augmentation index and aortic systolic blood pressure measured in static conditions by the Mobil-o-Graph and the Sphygmocor devices in end-stage. P. Sarafidis, A. Karpetas, P. Georgianos, A. Bikos, R. Sklavenitis-Pistofidis, R. Tzimou, V. Raptis, V. Liakopoulos, P. Zebekakis, A. Lasaridis, A. Protogerou. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e609 (Ref #105)

Associations between the retinal microcirculation and 24-hour ambulatory pulse wave velocity: a pilot study in hypertensive and normotensive individuals. E. Aissopou, A. Argyris, M. Papathanassiou, E. Nasothimiou, G. Konstantonis, K. Tampakis, N. Tentolouris, P. Theodosiadis, T. Papaioannou, P. Sfikakis, A. Protogerou. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e70 (Ref #104)

Evaluation of central aortic pressure in intra- and interdialytic periods in end-stage renal disease patients on hemodialysis. A. Karpetas, P. Sarafidis, P. Georgianos, G. Koutroumpas, A. Bikos, V. Sgouroupolou, D. Divanis, V. Raptis, R. Sklavenitis-Pistofidis, R. Tzimou, A. Protogerou, V. Liakopoulos, P. Zebekakis, A. Lasaridis. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e268 (Ref #103)

Comparison of ambulatory central and peripheral blood pressure between the second and third day of the long interdialytic interval in hemodialysis patients. G. Koutroumpas, P. Sarafidis, P. Georgianos, A. Karpetas, A. Protogerou, P. Malindretos, C. Syrganis, S. Panagoutsos, P. Pasadakis. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e225 (Ref #102)

Assessment of central blood pressure in asian population: a comparison between brachial oscillometry and radial tonometry methods. S. Hoshide, M. Nakayama, T. Komori, Y. Ogata, K. Eguchi, K. Kario. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e342 (Ref #101)

Diurnal variation of central blood pressure in adolescents and young adults: a pilot study. A. Ntineri, A. Kollias, A. Vazeou, A. Achimastos, G. Stergiou. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e62 (Ref #100)

Ambulatory recording of wave reflection and arterial stiffness parameters during the long interdialytic interval in patients receiving conventional hemodialysis. G. Koutroumpas, P. Sarafidis, P. Georgianos, A. Karpetas, A. Protogerou, P. Malindretos, C. Syrganis, S. Panagoutsos, P. Pasadakis. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e121 (Ref #99)

Ambulatory recording of wave reflections and arterial stiffness during intra- and interdialytic periods in end-stage renal disease patients under hemodialysis. P. Georgianos, P. Sarafidis, A. Karpetas, G. Koutroumpas, V. Sgouropoulou, G. Tzani, K. Raptopoulou, A. Protogerou, V. Liakopoulos, P. Zebekakis, A. Lasaridis. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e83 (Ref #98)

Preliminary results of noninvasive ambulatory 24 hours peripheral, central blood pressure and arterial stiffness in medical students from first to fourth year cohort 2013. J. Lopez-Rivera, S. Scrocchi, S. Lopez, F. Suarez, M. Bonilla, W. Zerpa. *Journal of Hypertension*, Vol. 32, e-supplement A, June 2014, e159 (Ref #97)

Arterial Function and Cardiorenal Damage. Luis M. Ruilope, MD, PhD. *The Journal of Clinical Hypertension* June 2014, Volume 16, Issue 6, Pages 389–468 (Ref #95)

Assessment of subjective and hemodynamic tolerance of different high- and low-flux dialysis membranes in patients undergoing chronic intermittent hemodialysis: A randomized controlled trial. Bianchi G1, Salvadé V, Lucchini B, Schättli-Stählin S, Salvadé I, Burnier M, Gabutti L. *Hemodial Int.* 2014 May 28. doi: 10.1111/hdi.12180 (Ref #118)

A simple method for the assessment of arterial stiffness in pre-eclamptic patients. Mustafa Oylumlu, Muhammed Oylumlu, Murat Yuksel, Abdulkadir Yildiz, Mehmet Zihni Bilik, Mehmet Ata Akil, Ali Ozler, Halit Acet, Faruk Ertas, Sait Alan. *Clin Exp Hypertens.* 2014 Apr 30. (Ref #96)

Vascular stiffness as a surrogate measure of mortality in patients with chronic kidney disease. Weir, Matthew R.; Townsend, Raymond R. *Journal of Hypertension: April 2014 - Volume 32 - Issue 4 - p 744-745* (Ref #93)

Aortic pulse wave velocity predicts mortality in chronic kidney disease stages 2–4. Baumann, Marcus; Wassertheurer, Siegfried; Suttman, Yanaa; Burkhardt, Klaus; Heemann, Uwe. *Journal of Hypertension* April 2014 - Volume 32 - Issue 4 - p 899-903 (Ref #90)

The Relationship between Central Hemodynamics, Morning Blood pressure Surge, Glycemic Control and Sodium Intake in Patients with Type 2 Diabetes and Essential Hypertension. Baris Afsar, Rengin Elsurer. *Diabetes Res Clin Pract.* 2014 Jun;104(3):420-6. doi: 10.1016/j.diabres.2014.03.011. Epub 2014 Mar 27. (Ref #89)

Das kardio-vaskuläre Risiko übergewichtiger und adipöser Kinder und Jugendlicher – Quantifizierung mittels Pulswellenanalyse und aerober Fitness. Elmenhorst, J., Springer, S., Giegerich, T., Alber, V., Barta, C., Oberhoffer, R. *Deutsche Rentenversicherung Bund DRV-Schriften Band 103 März 2014.* (Ref #92)

Assessment of arterial stiffness and cardiovascular hemodynamics by oscillometric method in psoriasis patients with normal cardiac functions. Murat Sunbul, Dilek Seckin, Erdal Durmus, Zuleyha Ozgen, Mehmet Bozbay, Ayfer Bozbay, Tarik Kivrak, Mustafa Oguz, Ibrahim Sari, Tulin Ergun, Mehmet Agirbasli. *Heart Vessels.* 2014 Mar 15. [Epub ahead of print] (Ref #91)

Rationale and study design of the prospective comparison of angiotensin receptor neprilysin inhibitor with angiotensin receptor blocker measuring arterial stiffness in the elderly (parameter) study. Bryan Williams; John R Cockcroft; Kazuomi Kario; Dion H Zappe; Pamela Cardenas; Allen Hester; Patrick Brunel; Jack Zhang. *BMJ Open* 2014 Vol: 4(2):e004254. DOI: 10.1136/bmjopen-2013-004254 (Ref #88)

The Myocardial Oxygen Supply: Demand Index Revisited. Julien I. E. Hoffman, Gerald D. Buckberg. *J Am Heart Assoc.* 2014;3:e000285; originally published January 21, 2014;doi: 10.1161/JAHA.113.000285 (Ref #87)

Central blood pressure: current evidence and clinical importance. Carmel M. McEniery, John R. Cockcroft, Mary J. Roman, Stanley S. Franklin, Ian B. Wilkinson. *Eur Heart J* (2014) doi: 10.1093/eurheartj/ehf565 (Ref #86)

Treatment of antipsychotic-associated obesity with a GLP-1 receptor agonist—protocol for an investigator-initiated prospective, randomised, placebo-controlled, double-blinded intervention study: the TAO study protocol. Pelle L Ishøy, Filip K Knop, Brian V Broberg, Lone Baandrup, Birgitte Fagerlund,

Niklas R Jørgensen, Ulrik B Andersen, Egill Rostrup, Birte Y Glenthøj, Bjørn H Ebdrup. *BMJ Open* 2014;4:e004158
doi:10.1136/bmjopen-2013-004158 (Ref #85)

Mean platelet volume and arterial stiffness in patients with acromegaly. Unübol M, Güney E, Türe M, Eryılmaz U. *Anadolu Kardiyol Derg.* 2014 Jan 28. doi: 10.5152/akd.2014.4898. (Ref #116)

Estimated glomerular filtration rate is associated with both arterial stiffness and N-terminal pro-brain natriuretic peptide in newly diagnosed hypertensive patients. Gür M, Uçar H, Kuloğlu O, Kıvrak A, Seker T, Türkoğlu C, Ozaltun B, Kaypaklı O, Sahin DY, Elbasan Z, Tanboğa Hİ, Caylı M. *Clin Exp Hypertens.* 2014;36(6):374-9. doi: 10.3109/10641963.2013.827703. Epub 2014 Jan 16. (Ref #115)

The Relationship Between Magnesium and Ambulatory Blood Pressure, Augmentation Index, Pulse Wave Velocity, Total Peripheral Resistance and Cardiac Output in Essential Hypertensive Patients. Baris Afsar, Rengin Elsurer. *American J Am Soc Hypertens.* 2014 Jan;8(1):28-35. doi: 10.1016/j.jash.2013.10.006. (Ref #81)

2013

Serum 25-hydroxyvitamin D is associated with both arterial and ventricular stiffness in healthy subjects. Şeker T, Gür M, Kuloğlu O, Kalkan GY, Şahin DY, Türkoğlu C, Elbasan Z, Baykan AO, Gözübüyük G, Çaylı M. J Cardiol. 2013 Dec;62(6):361-5. doi: 10.1016/j.jcc.2013.06.004. Epub 2013 Jul 16. (Ref #114)

Presión arterial braquial, central y velocidad de onda de pulso evaluados con monitoreo ambulatorio de 24 hs en pacientes hipertensos randomizados a tratamiento con atenolol vs. nebivolol. Ricardo J. Esper, Roberto A. Nordaby, Jorge Curotto Grasioli, Diego J. L. Cordero, Jorge O. Vilariño, Pren. Méd. Argent. November 2013 Vol. 99 - Nº 9 594-602 (Ref #84)

Effect of a Reduction in glomerular filtration rate after nephrectomy on arterial stiffness and central hemodynamics: rationale and design of the EARNEST study. William E. Moody, Laurie A. Tomlinson, Charles J. Ferro, Richard P. Steeds, Patrick B. Mark, Daniel Zehnder, Charles R. Tomson, John R. Cockcroft, Ian B. Wilkinson, Jonathan N. Townend. American Heart Journal online 6 November 2013 (Ref #74)

Assessment of Arterial Stiffness in Female and Male Gout Patients. Sema Yılmaz, Gülperi Celik, Ali Gündoğdu. Clin Exp Hypertens. October 2013;35(6):430-6. doi: 10.3109 (Ref #71)

Comportamento da pressão central com medidas de MAPA de 24h na vigília e no Sono numa População de Hipertensos do Avental Branco. Marco Antonio Mota Gomes, Annelise Costa Machado Gomes, Juliana Vasconcelos Lyra, Glauber Schettino, Maria Ines Costa Machado Gomes, José Fernando Vilela Martin E Andrea Araujo Brandao. Congresso Brasileiro de Cardiologia, Oct 2013 (Ref #73)

Antiangiogenic factors and maternal hemodynamics during intensive hemodialysis in pregnancy Tom Cornelis, Marc Spaanderman, Charles Beerenhout, Frank H. Perschelen P. Kooman, Michelle Hlandunewich Hemodial Int. 2013 Oct;17(4):639-643. doi: 10.1111 (Ref #69)

Assessment of arterial stiffness in patients with inactive and active Behçet's disease. Yılmaz S, Celik G, Esmen S. Scand J Rheumatol. 2013 Sep 9. (Ref #72)

Dietary inorganic nitrate lowers central blood pressure. S Kukadia, T Tillin, E Coady, N Chaturvedi, AD Hughes. Artery Research Volume 7, Issue 3 , Page 142, September 2013 (Ref #80)

24 hours pulsatile hemodynamics in borderline versus resistant hypertensives. T Weber, B Hametner, B Eber, S Wassertheurer. Artery Research Volume 7, Issue 3 , Pages 150-151, September 2013 (Ref #79)

Correction of vitamin D deficiency by calcifediol in hypertensives with stage 3 chronic kidney disease reduces pulse wave velocity by lowering blood pressure. E Rodilla Sala, JAC Muñoz, P Porcar, JMP Izuel, TM Marín. Artery Research Volume 7, Issue 3 , Page 142, September 2013 (Ref #78)

Arterial stiffness correlates with vitamin D deficiency in hypertensive patients with stage 3 chronic kidney disease independently of blood pressure. E Rodilla Sala, JAC Muñoz, M Taverner, JMP Izuel, TM Marín. Artery Research Volume 7, Issue 3 , Page 137, September 2013 (Ref #77)

Marker of arterial stiffness in chronic kidney disease - a prospective cohort study. M Baumann, Y Suttman, U Heemann, S Wassertheurer. Artery Research Volume 7, Issue 3 , Page 111, September 2013 (Ref #76)

Frequency response of blood pressure cuffs based on step response and forced sinusoidal harmonic excitation. R Lurf, R Semerad, M Meindl, C Mayer, B Hametner, T Weber, S Wassertheurer. Artery Research Volume 7, Issue 3 , Page 168, September 2013 (Ref #75)

High blood pressure: can we do better in the future? Zhang Y, Safar ME. Future Cardiol. 2013 Sep;9(5):603-5. doi: 10.2217 (Ref #70)

Assessment of volume status and arterial stiffness in chronic kidney disease. Akdam H, Oğünç H, Alp A, Ozbek O, Omürlü İK, Yeniçeriöglü Y, Akar H. Ren Fail. 2013 Sep 13. (Ref #68)

Increased Aortic Stiffness Predicts Contrast-Induced Nephropathy in Patients With Stable Coronary Artery Disease Undergoing Percutaneous Coronary Intervention. Hakan Uçar, Mustafa Gür, Arafat Yıldırım, Abdürrezzak Börekçi, Mehmet Yavuz Gözükar, Taner Seker, Onur Kaypakli, Caner Türkoğlu, Betül Özaltun, Selehattin Akyol, Hazar Harbalioglu, Durmus Yıldırım Sahin, Zafer Elbasan and Murat Çaylı. published online 26 September 2013 DOI: 10.1177/0003319713504126 (Ref #67)

Non-invasive 24 hour ambulatory monitoring of aortic wave reflection and arterial stiffness by a novel oscillometric device: The first feasibility and reproducibility study. Theodore G. Papaioannou, Antonios Argyris, Athanase D. Protogerou, Dimitrios Vrachatis, Efthymia G. Nasothimiou, Petros P. Sfikakis, George S. Stergiou, Christodoulos I. Stefanadis. Int J Cardiol. 2013 Sep 8. pii: S0167-5273(13)01662-8. doi: 10.1016 (Ref #66)

Serum 25-hydroxyvitamin D level is associated with arterial stiffness, left ventricle

hypertrophy, and inflammation in newly diagnosed hypertension. Kuloğlu O, Gür M, Şeker T, Kalkan GY, Şahin DY, Tanboğa IH, Koyunsever NY, Harbaloğlu H, Türkoğlu C, Akyol S, Elbasan Z, Acele A, Caylı M. *J Investig Med.* 2013 Aug;61(6):989-94. doi: 10.231/JIM.0b013e31829a82bc. (Ref #113)

Evaluation of arterial stiffness and hemodynamics by oscillometric method in patients with systemic sclerosis.

Murat Sunbul MD, Assoc. Prof. Kursat Tigen MD, Gulsen Ozen MD, Erdal Durmus MD, Tarik Kivrak MD, Altug Cincin MD, Alper Kepez MD, Halil Atas MD, Prof. Haner Direskeneli MD, Prof. Yelda Basaran MD. *Wien Klin Wochenschr.* 2013 Aug;125(15-16):461-6 (Ref #61)

Arterial Stiffness as an Imaging Biomarker: Are All Pathways Equal? Stéphane Laurent, Elie Mousseaux and Pierre Boutouyrie. *Hypertension.* 2013 Jul;62(1):10-2. doi: 10.1161 (Ref #64)

Central haemodynamics and arterial stiffness during the finals of the world cup soccer championship 2010

Michael Reppel, Klaas Franzen, Frank Bode, Joachim Weil, Volkhard Kurowski, Susanne Annika Schneider, Johannes Baulmann, Tobias von Lukowicz, Wladimir Mirau, Eva Mortensen, Siegfried Wassertheurer, Heribert Schunkert, Kai Mortensen. *Int J Cardiol.* 2013 Jul 1;166(3):627-32. doi: 10.1016. (Ref #63)

Acute sleep deprivation is associated with increased arterial stiffness in healthy young adults.

Murat Sunbul, Batur Gonenc Kanar, Erdal Durmus, Tarik Kivrak, Ibrahim Sari. *Sleep and Breathing* July 2013 (Ref #62)

What time is the right time, and how to measure? S Wassertheurer and B Hametner. *J Hum Hypertens.* 2013 Jul 11. doi: 10.1038/jhh.2013.65. (Ref #60)

Central blood pressure in the management of hypertension: soon reaching the goal? JE Sharman and S Laurent. *J Hum Hypertens.* 2013 Jul;27(7):405-11. doi: 10.1038. (Ref #59)

Cohorte GEFA-HT-UY (Genotipo, Fenotipo y Ambiente de la HiperTensión Arterial en Uruguay).

Leonella Luzardo, Inés Lujambio, Mariana Sottolano, Alicia Da Rosa, Sebastián Robaina, Federico Arce, María Márquez, Valentina Agorrody, Carlos Américo, Mariela Garau, Nadia Krul, Ana Carina Ríos, Lucía Florio, Alicia Olascoaga, Oscar Noboa, Jan Albert Staessen, José Boggia. *Rev Méd Urug* 2013; 29(2):103-113, June 2013 (Ref #58)

Association of genetic factors with endothelial cell stiffness after amiloride challenge. Lenders, Malte; Schmitz, Boris; Drüppel, Verena; Kasprzak, Bernd; Kusche-Vihrog, Kristina; Oberleithner, Hans; Brand, Stefan-Martin and Brand, Eva. *ESH Abstract*, June, 2013 (Ref #57)

Early Treatment with Azilsartan Compared to ACE-Inhibitors in Anti-Hypertensive Therapy –

Rationale and design of the Early Hypertension Registry. S. Potthoff, A.K. Gitt, P. Baumgart, P. Bramlage, F. Mahfoud, J. Senges, S. Schneider, H. Buhck, R.E. Schmieder. *Journal of Hypertension* Volume 31, e-Supplement A, June 2013 ESH 2013 Abstract Book, e137 (Ref #56)

Different Methods to Assess pulse wave Velocity-Relationship with End-Organ Damage.

T. Weber, S. Wassertheurer, B. Hametner, B. Eber. *Journal of Hypertension* Volume 31, e-Supplement A, June 2013 ESH 2013 Abstract Book, e519 (Ref #53)

Evolution of Ambulatory and Central Blood Pressure after Sympathetic Renal Denervation in Patients with Resistant Arterial Hypertension.

C. Cerezo, A. Fontenla, F. Hernandez, F. Arribas, M. Praga, L. Ruilope, J. Segura. *Journal of Hypertension* Volume 31, e-Supplement A, June 2013 ESH 2013 Abstract Book, e106 (Ref #52)

Comparison of 4 Methods to assess Pulse Wave Velocity: Invasive, Carotid Femoral, Travel Distance Estimation from Height, and Estimation from Waveforms.

T. Weber, S. Wassertheurer, B. Hametner, M. Rammer, B. Eber. *Journal of Hypertension* Volume 31, e-Supplement A, June 2013 ESH 2013 Abstract Book, e81 (Ref #51)

Estimation of Aortic Pulse Wave Velocity in a Healthy Middle-Aged Cohort from Carotid

Waveforms-Comparison with Carotid-Femoral Pulse Wave Velocity. S. Wassertheurer, T. Weber, B. Hametner, L. van Bortel, M. De Buyzere, E. Rietzschel, P. Segers. *Journal of Hypertension* Volume 31, e-Supplement A, June 2013 ESH 2013 Abstract Book, e80 (Ref #50)

Association of Twenty Four Hour Aortic Ambulatory Blood Pressure Monitoring with Left

Ventricular Hypertrophy. A. Argysis, G. Kollias, T. Papaioannou, E. Nasothimiou, J. Blacher, M. Safar, A. Achimastos, J. Papargyriou, P. Sfikakis, A. Protogerou. *Journal of Hypertension* Volume 31, e-Supplement A, June 2013 ESH 2013 Abstract Book, e298 (Ref #49)

Peripheral Brachial Blood Pressure and ARCSolver Measurements Predicting Central Blood Pressure.

A. Iannoni de Moraes, M. Sousa, A. Cordeiro Silva Junior, C. Conzaga, W. Stein, M. Silva, R. Costa, C. Amodeo. *Journal of Hypertension* Volume 31, e-Supplement A, June 2013 ESH 2013 Abstract Book, e380 (Ref #48)

Ambulatory 24 Hour Central Blood Pressure Correlates Best with Left Ventricular Mass in Never Treated Hypertensive Patients.

E Rodilla Sala, J. Costa Munoz, L. Perez Lluna, L. Serrano Lazaro, A. Vinuesa De Miguel, J. Pascual Izuel. *Journal of Hypertension*, Vol. 31, e-supplement A, June 2013, e297 (Ref #47)

The Prospective Comparison of Angiotensin Receptor Neprilysin Inhibitor with Angiotensin Receptor Blocker Measuring Arterial Stiffness in the Elderly (Parameter) Study Design.

B. Williams, J.R. Cockcroft, K. Kario, D.H. Zappe, P. Cardenas, R.A. Hester, J. Zhang. Journal of Hypertension, Vol. 31, e-supplement A, June 2013, e184 (Ref #46)

24-Hour Brachial Pulse Wave Analysis for Stiffness and Central BP Assessment. T. Weber, Austria. ESH Oral Presentation, no Abstract, June 15, 2013 (Ref #45)

Oscillometric estimation of aortic pulse wave velocity: comparison with intra-aortic catheter measurements. Bernhard Hametner, Siegfried Wassertheurer, Johannes Kropf, Christopher Mayer, Bernd Eber and Thomas Weber. Blood Press Monit. 2013 Jun;18(3):173-6. doi: 10.1097. (Ref #44)

Simultaneous Assessment of Arterial Stiffness in Never Treated Hypertensives by Different Methods. E. Rodilla Sala, J. Costa Munoz, L. Perez, J. Pascual Izuel. Journal of Hypertension Volume 31, e-Supplement A, June 2013 ESH 2013 Abstract Book, e521 (Ref #54)

Stiff Heart and Stiff Arteries. Could We Soften Both? Vasilios G. Athyros, Konstantinos Tziomalos, Michael A. Farganis, Paraschos Geleris. The Open Hypertension Journal, 2013, 5, (Suppl 1: M8) 94-101 (Ref #83)

The Emergence of Ambulatory Measurement of Arterial Stiffness and Central Blood Pressure.

A Promising Novelty of Clinical Importance or Just Another Marker? A. Lazaridis, E. Gkaliagkousi, M. Doumas, A. Reklou, A. Karagiannis. The Open Hypertension Journal, 2013, 5, (Suppl 1: M6) 82-86 (Ref #82)

Arterial Stiffness in Patients with Decreased Renal Mass. Raziye Yazici, Lutfullah Altintepe, Suleyman Bakdik, Ibrahim Guney, Sevket Arslan, Mustafa Topal and Ali Karagoz. Nephrol. Dial. Transplant. (2013) 28 (suppl 1): i117-i139. doi: 10.1093 May 2013 (Ref #43)

24h Arterial Stiffness in a Healthy Cohort. J. Koster, K.H. Franzen, N. Hametner, S. Wassertheurer, G. Mike, J. Stritzke, M. Reppel, K. Mortensen. April 2013, Deutsche Gesellschaft für Kardiologie Kongress Mannheim.. (Ref #42)

Body Weight Telemetry Is Useful to Reduce Interdialytic Weight Gain in Patients with End-Stage Renal Failure on Hemodialysis

Claas L. Neumann, Fabian Wagner, Jan Menne, Christiane Brockes, Sabine Schmidt-Weitmann, Eike M. Rieken, Volker Schettler, Gerrit C. Hagenah, Stephan Matzath, Lukas Zimmerli, Hermann Haller, and Egbert G. Schulz. Telemedicine and e-Health , April 24, 2013 (Ref #41)

Métodos de Determinación de la Rigidez Arterial en Pacientes Hipertensos Recién

Diagnosticados sin Tratamiento Previo. Rodilla E, Costa JA, Perez L, Pascual JM. Spanish Society of Hypertension; March 2013. (Ref #40)

Niveles De Vitamina D y Rigidez Arterial en Pacientes Hipertensos con Insuficiencia Renal

Crónico y sus Determinantes. Rodilla E, Segui JM, Costa JA, Perez L, Pascual JM. Spanish Society of Hypertension, March 2013. (Ref #39)

Percutaneous renal denervation (RDN) improves central hemodynamics and arterial stiffness - results of 24h ambulatory measurements.

K.F. Franzen¹, K. Mortensen¹, T. Graf¹, J. Koester¹, J. Weil, M. Reppel. European Heart Journal (2013) 34 (Abstract Supplement) , 105-106 (Ref #65)

Pulse wave velocity 24-hour monitoring with one-site measurements by oscillometry.

Igor N Posokhov. Medical Devices: Evidence and Research, 18th February 2013 (Ref #38)

2012

Superior Peripheral and Central Blood Pressure Control after Switching Type 2 Diabetic Patients with Uncontrolled Hypertension from Ramipril/Hydrochlorothiazide to

Perindopril/Indapamine. T. Mengden, W. Sehnert. European Society of Hypertension, Artery Research, Volume 6, Issue 4 , Page 196, December 2012. (Ref #37)

24-h ambulatory recording of aortic pulse wave velocity and central systolic augmentation: a

feasibility study. Leonella Luzardo, Ines Lujambio, Mariana Sottolano, Alicia da Rosa, Lutgarde Thijs, Oscar Noboa, Jan A Staessen, José Boggia. Hypertens Res. 2012 Oct;35(10):980-7. (Ref #34)

Presión Arterial Central vs Presión Arterial Periferica Evaluado Durante Monitoreo Ambulatorio

de 24 Hs. Esper RJ, Cacharrón JI, Machado RA, Vilariño JO. Argentinean cardiology Congress, Buenos Aires, October 2012. (Ref #32)

Comportamento da Velocidade de Onda de Pulso com Medidas de Mapa de 24h na Vigília e no

sono. Marco Antônio Mota Gomes; Annelise Machando Gomes de Paiva; Juliana Vasconcelos Lyra da Silva; Glauber

Schettino da Silva; José Fernando Vilela Martin, Andréa Araújo Brandao. Brazilian Cardiology Society Congress, Recife, September 2012. (Ref #31)

Wave Reflections, Assessed With a Novel Method for Pulse Wave Separation, Are Associated With End-Organ Damage and Clinical Outcomes. Thomas Weber, Siegfried Wassertheurer, Martin Rammer, Anton Haiden, Bernhard Hametner, Bernd Eber. 2012 Aug;60(2):534-41. doi: 10.1161 (Ref #30)

Feasibility and Reproducibility of Noninvasive 24 h Ambulatory Aortic Blood Pressure Monitoring With a Brachial Cuff-Based Oscillometric Device Athanase D. Protogerou, Antonis Argyris, Efthymia Nasothimiou, Dimitris Vrachatis, Theodoros G. Papaioannou, Dimitris Tzamouranis, Jacques Blacher, Michel E. Safar, Petros Sfikakis, George S. Stergiou. American Journal of Hypertension; Aug 2012, Vol. 25 Issue 8, p876 (Ref #29)

Assessment of central haemodynamics from a brachial cuff in a community setting. David Nunan, Siegfried Wassertheurer, Daniel Lasserson, Bernhard Hametner, Susannah Fleming, Alison Ward and Carl Heneghan. BMC Cardiovasc Disord. 2012 Jun 26;12:48. doi: 10.1186 (Ref #28)

Die Pulswellenanalyse im Rahmen der ambulanten Blutdruckmessung korreliert mit der linksventrikulären Muskelmasse. C. Kos, K. Ablasser, T. Weber, C. Colantonio, G. Steiner, S. Wassertheurer, A. Schmidt, B. Pieske, R. Zweiker. Abstrakt ÖKG Juni 2012 (Ref #27)

Oscillometric estimation of central blood pressure: validation of the Mobil-O-Graph in comparison with the SphygmoCor device. Wolfgang Weiss, Christopher Gohlisch, Christl Harsch-Gladisch, Markus Tölle, Walter Zidek, Markus van der Giet. Blood Pressure Monitoring June, 2012, 17:128-131. (Ref #26)

Relationship Between Central and Peripheral and Ambulatory and Office Blood Pressure with Left Ventricular Mass in Hypertension Patients. Rodilla E, Costa JA, Tejero S, Pascual JM. Vienna Artery 2012. (Ref #36)

Wave reflection quantification based on pressure waveforms alone—Methods, comparison, and clinical covariates Bernhard Hametner, Siegfried Wassertheurer, Johannes Kropf, Christopher Mayer, Andreas Holzinger, Bernd Eber, Thomas Weber. Computer Methods and Program in Biomedicine, 2012. (Ref #35)

Relationship between 24h ambulatory central blood pressure and left ventricular mass: rationale and design of a prospective multicenter study. Thomas Weber, Carmel McEniery, Ian Wilkinson, Giuseppe Schillaci, Maria Lorenza Muiesan, Robert Zweiker, Cristina Giannattasio, Kai Mortensen, Johannes Baulmann, Arno Schmidt-Trucksäss, Siegfried Wassertheurer Artery Research 2012, 1-6 (Ref #33)

Is Nocturnal Systolic Blood Pressure Rise Associated with Central Hemodynamics and Arterial Stiffness? Gülperi Çelik, Ali Gündoğdu, Rengin Elsürer Afşar, Fatih Şahin. Turk Neph Dial Transpl 2012; 21: 235-241(Ref #25)

Pressure-Independent Association Between Aortic Characteristic Impedance and left Ventricular Mass in Hypertension. Schillaci G., Pucci G., Settima L., Pilati M., Battista F., Wassertheurer S., Pirro M., Mannarino E. Journal of Hypertension, Vol 30, -e-supplement A, April 2012, e259. (Ref #24)

Non-Invasive 24 Hour Ambulatory Brachial And Aortic Blood Pressure Monitoring: Association With Target Organ Damage In A Pilot Study. Kollias G., Argyris A., Nasothimiou E., Papaioannou T., Blacher J., Safar M., Achimastos A., Papargyriou J., Papadogiannis D., Sfikakis P., Protogerou A. Journal of Hypertension, Vol. 30, e-supplement A, April 2012, e51. (Ref #23)

24 Hour Ambulatory Central Blood Pressure measurement reveals significant variation in Pulse Pressure Amplification between Day and Night. McEniery C., Smith J., Day L., Cockcroft J., Wilkinson I. Journal of Hypertension, Vol. 30, e-Supplement A, April 2012, e2-e3. (Ref #22)

Reproducibility of Aortic Haemodynamic parameters assessed by a non-invasive brachial cuff-based 24h ambulatory oscillometric device. Argyris A., Vrachatis D., Nasothimiou E., Papaioannou T., Tzamouranis D., Blacher J., Safar M., Sfikakis P., Stergiou G., Protogerou A. Journal of Hypertension, Vol. 30, e-supplement A, April 2012, e345-e346. (Ref #20)

Non Invasive Pulse Wave Analysis and measurement of Cardiac Output during Hemodialysis and beyond. Neumann C., Claes V., Schettler V., Hagenah G., Schulz E. Journal of Hypertension, Vol. 30, e-supplement a, April 2012, e348. (Ref #19)

Williams Syndrome is associated with an increase in Heart Rate and Wave Reflection Values during the nighttime period. Cesana F., Dozio D., Bombelli M., Maloberti A., Nava S., Villa P., Sormani P., Colombo G., Soffici F., Giupponi L., Wassertheurer S., Hametner B., Hulpke-Wette M., Schwarz A., Selicorni A., Grassi G., Giannattasio C., Mancia G. . Journal of Hypertension, Vol. 30, e-supplement A, April 2012, e67-e68. (Ref #18)

Insulin resistance is associated with increased Large Artery Stiffness in normotensive adults. Ochoa J., Balparda J., Garcia E., Correa M., Valencia A., Alvarez M., Gallo J., McEwen J., Bilo G., Salvi P., Aristizabal D., Parati G. Journal of Hypertension, Vol. 30, e-supplement a, April 2012, e70-e71. (Ref #17)

Relationship between Arterial Stiffness, Cardiac Baroreflex Sensitivity and Blood Pressure variability in normotensive healthy adults. Ochoa J., Balparda J., Garcia E., Correa M., Valencia A., Alvarez M., Gallo J., McEwen J., Bilo G., Salvi P., Aristizabal D., Parati G. Journal of Hypertension, Vol. 30, e-supplement A, April 2012, e553. (Ref #16)

Central hemodynamic parameters, left ventricular mass index, carotid intima-media thickness and renal function in hypertensive patients according to blood pressure classification. Peñuela R., Peñuela T. Journal of Hypertension, Vol.30, 3-supplement A, April 2012, e550. (Ref #15)

Aortic Pulse Wave Velocity, measured invasively or estimated from radial waveforms, predicts cardiovascular events. Weber T., Haiden A., Hametner B., Wassertheurer S., Eber B. Journal of Hypertension, Vol. 30, e-supplement A, April, 2012 e69-e70. (Ref #14)

24-hour Ambulatory Brachial Blood Pressure Monitoring: Changes based on the quality of the brachial cuff waveform. Argyris A., Kollias G., Nasothimiou E., Vrachatis D., Papaioannou T., Blacher J., Safar M., Papargyriou J., Papadogiannis D., Sfrikakis P., Protogerou A. Journal of Hypertension, Vol. 30, e-supplement A, April, 2012 325 (Ref #13)

Ambulante Blutdruckmessung über 24 Stunden mit nichtinvasiver Ermittlung des zentralen Aortendrucks. Dr. med. Roland E. Schmieder. Praxis-Depesche 1/ 2012 (Ref #12)

2011

Closer to Noninvasive Out-of-Office Aortic Blood Pressure Assessment: A Time to Think and Act - Athanase D. Protogerou, Harold Smulyan and Michel E. Safar. Hypertension. 2011 Nov;58(5):765-7. doi: 10.1161. (Ref #11)

Validation of a Brachial Cuff –Based Method for estimating Central Systolic Blood Pressure. Thomas Weber, Siegfried Wassertheurer, Martin Rammer, Edwin Maurer, Bernhard Hametner, Christopher C. Mayer, Johannes Kropf, Bernd Eber. Hypertension, 2011 Nov;58(5):825-32 (Ref #10)

Validation of a Brachial Cuff-Based Method for assessing Central Blood Pressure at rest and during light exercise. Lisa M Day, David M Nicholson-Thomas, Kaisa M Maki-Petaja, Ian B Wilkinson, Carmel M McEniery. presented at Artery 2011, September 2011 (Ref #9)

2010 and older

Messmethoden der Arteriellen Gefäßsteifigkeit J. Baulmann, T. Weber, K. Mortensen J, HYPERTON 2010; 14(Ref #8)

Central blood pressure estimation for the masses moves a step closer IB Wilkinson, CM McEniery, JR Cockcroft. Journal of Human Hypertension, 24,495-497 (Aug. 2010) (Ref #7)

A new oscillometric method for pulse wave analysis; comparison with a common Tonometric method. S. Wassertheurer, J. Kopf, T. Weber, M. van der Giet, J. Baulmann, M. Ammer, B Hametner, CC Mayer, B. Eber and D. Magonmetschnigg. J Hum Hypertens. 2010 Aug;24(8):498-504. doi: 10.1038 (Ref #6)

Evaluation of the Mobil-O-Graph new generation ABPM device using the ESH criteria. Pascal ML Franssen, Ben PM. Imholz. Blood Press Monitoring 2010 Aug;15(4):229-31. (Ref #5)

Validation of the Mobil-O-graph: 24 h-blood pressure measurement device. Wolfgang Weiß, Markus Tölle, Walter Zidek, Markus van der Giet. Blood Press Monitoring 2010 Aug;15(4):225-8. doi: 10.1097/MBP.0b013e328338892f (Ref #4)

Central blood pressure; getting to the heart of the matter. Schillaci, Giuseppe, Grassi, Guido. Journal of Hypertension. February 2010, Volume 28, Issue 2-p237-239. (Ref #3)

Modeling arterial and left ventricular coupling for non-invasive measurements. Siegfried Wassertheurer, Christopher Mayer, Felix Breitenacker. Simulation Modeling Practice and Theory 16, 2008, 988-997. (Ref #2)

Convenience of ambulatory blood pressure monitoring: comparison of different devices. Journal Blood Pressure Monitoring, Vol. 10, No 5, October 2005 (Ref #1)