ΕΡΕΥΝΗΤΙΚΟ ΕΡΓΟ ΣΤΗΝ ΥΠΕΡΤΑΣΗ 2018

Ιωάννης Ανδρίκου, MD, PhD
Ειδικευόμενος Καρδιολογίας

ΙΠΠΟΚΡΑΤΕΙΟ ΓΕΝΙΚΟ ΝΟΣΟΚΟΜΕΙΟ ΑΘΗΝΩΝ
Effect of renal denervation on blood pressure in the presence of antihypertensive drugs: 6-month efficacy and safety results from the SPYRAL HTN-ON MED proof-of-concept randomised trial

David E Kandzari, Michael Böhm, Felix Mahfoud, Raymond R Townsend, Michael A Weber, Stuart Pocock, Konstantinos Tsioufis, Dimitrios Toussoulis, James W Choi, Cara East, Sandeep Brar, Sidney A Cohen, Martin Fahy, Garrett Pilcher, Kazuomi Kario on behalf of the SPYRAL HTN-ON MED Trial Investigators

Esh Statement

European Society of Hypertension position paper on renal denervation 2018


Journal of Hypertension. 36(10):2042–2048, OCT 2018
Safety and performance of diagnostic electrical mapping of renal nerves in hypertensive patients

Published on 20 December 2018

Konstantinos P. Tsioufis, MD, PhD; Lida Feyz, MD; Kyriakos Dimitriadis, MD, PhD; Dimitris Konstantinidis, MD; Dimitrios Tousoulis, MD; Michiel Voskuil, MD, PhD; Felix Mahfoud, MD, PhD; Joost Daemen, MD, PhD

https://doi.org/10.1007/s11906-018-0847-1

ConfidenHT™ System for Diagnostic Mapping of Renal Nerves

Costas Tsioufis, Kyriakos Dimitriadis, Panagiotis Tsioufis, Rafael Patras, Maria Papadoliopoulo, Zoi Petropoulou, Dimitris Konstantinidis, Dimitrios Tousoulis

Anatomical and procedural determinants of ambulatory blood pressure lowering following catheter-based renal denervation using radiofrequency

Serial changes in vessel walls of renal arteries after catheter-based renal artery denervation: insights from volumetric computed tomography analysis

Yu Kataoka, 1 Sinny Delacroix, 2 Samuel Sidharta, 2 Jordan Andrews, 1 Stephen J Nicholls, 1 Costas P Tsioufis, 3 Vasilios Papademetriou, 4 and Stephen G Worthley, 2

Renal denervation – can we press the “ON” button again?

Jacek Kądziela1, Ewa Warchol-Celińska2, Aleksander Prejbiśz2, Andrzej Januszewicz2, Adam Witkowski1, Konstantinos Tsioufis1

Regression of organ damage following renal denervation in resistant hypertension: a meta-analysis

Athanasios Kordalis a, Dimitrios Tsiachris a, Panagiota Pietri a Costas Tsioufis b, and Christodoulos Stefanadis a,b
2018 ESC/ESH Guidelines for the management of arterial hypertension

The Task Force for the management of arterial hypertension of the European Society of Cardiology (ESC) and the European Society of Hypertension (ESH)

Authors/Task Force Members: Bryan Williams* (ESC Chairperson) (UK), Giuseppe Mancia* (ESH Chairperson) (Italy), Wilko Spiering (The Netherlands), Enrico Agabiti Rosei (Italy), Michel Azizi (France), Michel Burnier (Switzerland), Denis L. Clement (Belgium), Antonio Coca (Spain), Giovanni de Simone (Italy), Anna Dominiczak (UK), Thomas Kahan (Sweden), Felix Mahfoud (Germany), Josep Redon (Spain), Luis Ruilope (Spain), Alberto Zanchetti† (Italy), Mary Kerins (Ireland), Sverre E. Kjeldsen (Norway), Reinhold Kreutz (Germany), Stephane Laurent (France), Gregory Y. H. Lip (UK), Richard McManus (UK), Krzysztof Narkiewicz (Poland), Frank Ruschitzka (Switzerland), Roland E. Schmieder (Germany), Evgeny Shlyakhto (Russia), Costas Tsioufis (Greece), Victor Aboyans (France), and Ileana Desormais (France)
Consensus statement on the definition of neurogenic supine hypertension in cardiovascular autonomic failure by the American Autonomic Society (AAS) and the European Federation of Autonomic Societies (EFAS)

Endorsed by the European Academy of Neurology (EAN) and the European Society of Hypertension (ESH)

Alessandra Fanciulli1 · Jens Jordan2 · Italo Biaggioni3 · Giovanna Calandra–Buonauria4,5 · William P. Cheshire6 · Pietro Cortelli4,5 · Sabine Eschboeck1 · Guido Grassi7,8 · Max J. Hilz9,10 · Horacio Kaufmann11 · Heinz Lahrmann12 · Giuseppe Mancia13 · Gert Mayer14 · Lucy Nordcliffe–Kaufmann11 · Anne Pavy–Le Traon15,16 · Satish R. Raj17 · David Robertson3 · Isabel Rocha18 · Walter Struhal19 · Roland Thijs20,21 · Konstantinos P. Tsiofis22 · J. Gert van Dijk21 · Gregor K. Wenning1

Isolated systolic hypertension in the young: a position paper endorsed by the European Society of Hypertension

Paolo Palatinia, Enrico Agabiti Roselb, Alberto Avolioc, Gregorz Bilo1,4,5, Edoardo Casigliaa, Lorenzo Ghiadoni1, Cristina Giannattasio9, Guido Grassi1b, Bojan Jelakovich1, Stevo Julius1, Giuseppe Mancia1k, Carmel M. McEnlery1, Michael F. O’Rourke1m, Gianfranco Parati1d,e, Paolo Pauletto1, Giacomo Puccl, Francesco Saladini1, Pasquale Strazzullo1p, Konstantinos Tsiofis1, Ian B. Wilkinson1, and Alberto Zanchettif

Cardiovascular morbidity of severe resistant hypertension among treated uncontrolled hypertensives: a 4-year follow-up study

Alexandros Kasiakogias1 · Costas Tsiofis1 · Kyriakos Dimitriadis1 · Dimitrios Konstantinidis1 · Areti Koumelli1 · Ioannis Leontsinis1 · Eirini Andrikou1 · Nikos Vogiatzakis1 · Smaragdi Marinaki2 · Dimitrios Petras3 · Christos Fragoulis1 · Konstantinos Konstantinou1 · Vasilios Papademetriou4 · Dimitrios Tousoulis1
GLP-1 receptor agonists and cardiovascular outcome trials: An update

Eirini Andrikou³, Costas Tsioufis³,*, Ioannis Andrikou³, Ioannis Leontsinis³, Dimitrios Tousoulis³, Nikolaos Papanas⁵

Sodium-glucose Cotransporter 2 Inhibitors: Impact on Body Weight and Blood Pressure Compared with other Antidiabetic Drugs

Author(s): Konstantinos P. Impriálos*, Konstantinos Stavropoulos, Nikiforos Stavropoulos, Dimitrios Patoulas, Konstantinos Petidis, Charalampos Grassos, Kyriakos Dimitriadis, Constantinos Tsioufis.

Journal Name: Cardiovascular & Hematological Disorders-Drug Targets

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DOI: 10.1111/jch.13410

Renal resistive index in hypertensive patients

Ioannis Andrikou MD³ | Costas Tsioufis MD³ | Dimitris Konstantinidis MD³ | Alexandros Kasiakoglou MD³ | Kyriakos Dimitriadis MD³ | Ioannis Leontsinis MD³ | Eirini Andrikou MD³ | Elias Sanidas MD² | Ioannis Kallikazaros MD³ | Dimitris Tousoulis MD²
Uric acid as an independent predictor of coronary artery disease in essential hypertension: Data from an 8-year-follow-up study

Ioannis Andrikou, Costas Tsioufis, Kyriakos Dimitriadis, Dimitrios Konstantinidis, Alexandros Kasiakogias, Mairi Kouremeti, Eirini Andrikou, Ioanna Karapati, Theodoros Kalos, Christos Fragoulis, Ioannis Liatakis, Evaggelia Koutra, Konstantinos Kyriazopoulos, Costas Thomopoulos, Dimitrios Tousoulis

Available online at www.sciencedirect.com

Anti-hypertensive treatment in peripheral artery disease
Costas Tsioufis¹, Ioannis Andrikou¹, Gerasimos Siasos¹, Konstantinos Filis² and Dimitrios Tousoulis¹

Orthostatic hypertension: From pathophysiology to clinical applications and therapeutic considerations

Nikolaos Magkas MD, Costas Tsioufis MD PhD FESC FACC, Costas Thomopoulos MD, Polychronis Dilaveris MD PhD, Georgios Georgioupolos MD PhD, Michael Doumas MD PhD, Dimitris Papadopoulos MD, Dimitrios Tousoulis MD PhD ... See fewer authors

First published: 06 February 2019 | https://doi.org/10.1111/jch.13491
A clinical score for prediction of elevated aortic stiffness: derivation and validation in 3943 hypertensive patients

Panagiotis Xaplanteris; Charalampos Vlachopoulos; Athanasios Protergerou; Konstantinos Aznaouridis; Dimitrios Terentes-Printzios; Antonios Argyris; Nikolaos Tentolouris; Petros Sfikakis; Dimitrios Tousoulis;

Recent Advances in Hypertension

Steno-Stiffness Approach for Cardiovascular Disease Risk Assessment in Primary Prevention

Hirofumi Tomiyama, Toshiaki Ohkuma, Toshiharu Ninomiya, Chisa Mastumoto, Kazuomi Kario, Satoshi Hoshide, Yoshikuni Kita, Toyoshi Inoguchi, Yasutaka Maeda, Katsuhiko Kohara, Yasuharu Tabara, Motoyuki Nakamura, Takayoshi Ohkubo, Hirotaka Watada, Masanori Munakata, Mitsuru Ohishi, Norihisa Ito, Michinari Nakamura, Tetsuo Shoji, Charalampos Vlachopoulos, Victor Aboyans, Akira Yamashina; on behalf of the Collaborative Group for J-BAVELs (Japan Brachial-Ankle Pulse Wave Velocity Individual Participant Data Meta-Analysis of Prospective Studies)*


Metastatic malignancies and the effect on arterial stiffness and blood pressure levels: the possible role of chemotherapy.

Characteristics of healthy vascular ageing in pooled population-based cohort studies: the global Metabolic syndrome and Artery REsearch Consortium

Involvement of Arterial Stiffness and Inflammation in Hyperuricemia-Related Development of Hypertension

Effects of Intensive Blood Pressure Control in Patients with Evident Cardiovascular Disease: An Investigation Using the SPRINT Study Data
Questions and answers on diagnosis and management of patients with Peripheral Arterial Diseases: a companion document of the 2017 ESC Guidelines for the Diagnosis and Treatment of Peripheral Arterial Diseases, in collaboration with the European Society for Vascular Surgery (ESVS)

Endorsed by: the European Stroke Organisation (ESO)

The Task Force for the Diagnosis and Treatment of Peripheral Arterial Diseases of the European Society of Cardiology (ESC) and of the European Society for Vascular Surgery (ESVS)

Authors/Task Force Members: Victor Aboyans* (ESC Chairperson) (France), Martin Björck¹ (Sweden), Marianne Brodmann (Austria), Jean-Philippe Collet (France), Martin Czerny (Germany), Marco De Carlo (Italy), A. Ross Naylor¹ (UK), Marco Roffi (Switzerland), Michal Tendera (Poland), Charalambos Vlachopoulos (Greece), Jean-Baptiste Ricco (ESVS Chairperson) (France), on behalf the Task Force for the 2017 ESC Guidelines for the diagnosis and management of Peripheral Arterial Diseases, in collaboration with the ESVS
Arterial hypertension in patients under antineoplastic therapy: a systematic review

Vasiliki Katsi; Nikolaos Magkas; Georgios Georgiopoulos; Eleni Athanasiadi; Agostino Virdis; Stefano Masi; Panagiotis Kliridis; Amalia Hatziyanni; Costas Tsioufis; Dimitrios Tousoulis;

Current Vascular Pharmacology

The Role of Angiotensin-(1-7)/Mas Axis and Angiotensin Type 2 Receptors in the Central Nervous System in Cardiovascular Disease and Therapeutics: A Riddle to be Solved

(E-pub Ahead of Print)

Author(s): Vasiliki Katsi, Spyridon Maragkoudakis*, Maria Marketou, Costas Tsioufis, Fragkiskos Parthenakis, Dimitrios Tousoulis.

European Journal of Gastroenterology & Hepatology

Non-alcoholic fatty liver disease and hypertension: coprevalent or correlated?

Dimitrios Oikonomou; Georgios Georgiopoulos; Vasiliki Katsi; Chris Kourek; Constantinos Tsioufis; Alexendra Alexopoulos; Evaggelia Koutli; Dimitrios Tousoulis;
GUT Microbiome-GUT Dysbiosis-Arterial Hypertension: New Horizons


Journal Name: Current Hypertension Reviews

Volume 15, Issue 1, 2019

DOI: 10.2174/1573402114666180613080439

Azilsartan and Chlorthalidone-new Powerful Fixed dose Antihypertensive Combination

Author(s): Vasiliki Katsi*, Eleni Athanasiadi, Costas Tsioufis, Dimitris Tousoulis.

Journal Name: Current Hypertension Reviews

Volume 14, Issue 1, 2018

DOI: 10.2174/1573402114666180420170816

Aortic Stenosis, Aortic Regurgitation and Arterial Hypertension


Journal Name: Current Vascular Pharmacology

Volume 17, Issue 2, 2019

DOI: 10.2174/1570161116666180101165306
HDL cholesterol levels and endothelial glycocalyx integrity in treated hypertensive patients

Helen Triantafyllidi MD, PhD, Dimitris Benas MD, Stefnos Vlachos MD, Dimitris Vlastos MD, George Pavlidis MD, PhD, Antonios Schoinas MD, Mary Varoudi MD, Dionisia Birmpa MD, Paraskevi Moutsatsou MD, PhD, John Lekakis MD, PhD, Ignatios Ikonomidis MD, PhD... See fewer authors

First published: 13 October 2018 | https://doi.org/10.1111/jch.13404

Pulse wave velocity to global longitudinal strain ratio in hypertension

Ignatios Ikonomidis, Spyridon Katsanos, Helen Triantafyllidi, John Parissis, Stavros Tzortzis, George Pavlidis, Paraskevi Trivilou, Georgios Makavos, Maria Varoudi, Alexandra Frogoudaki, Agathi-Rosa Vrettou, Dimitrios Vlastos, John Lekakis, Efstathios Ilidromitis... See fewer authors

First published: 13 November 2018 | https://doi.org/10.1111/ecl.13049

Pulse wave analysis using the Mobil-O-Graph, Arteriograph and Complior device: a comparative study

Dimitrios Benas, Michalis Kornelakis, Helen Triantafyllidi, Gavriela Kostelli, George Pavlidis, Maria Varoudi, Dimitrios Vlastos, Vaia Lambadiari, John Parissis, Ignatios Ikonomidis

Received 29 Sep 2018, Accepted 07 Nov 2018, Published online: 22 Jan 2019
Effects of blood pressure-lowering treatment on cardiovascular outcomes and mortality: 14 – effects of different classes of antihypertensive drugs in older and younger patients: overview and meta-analysis

Costas Thomopoulos, Gianfranco Parati, and Alberto Zanchetti

A. Each Class vs Placebo

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B. Each Class vs all Other Classes

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<td>All-cause Death</td>
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Journal of Hypertension 2018, 36:000–000

Review

Effects of blood pressure-lowering treatment on cardiovascular outcomes and mortality: 13 – benefits and adverse events in older and younger patients with hypertension: overview, meta-analyses and meta-regression analyses of randomized trials

Costas Thomopoulos, Gianfranco Parati, and Alberto Zanchetti

Journal of Hypertension 2018, 36:000–000
Is there a blood pressure lowering effect of MRAs in heart failure?
An overview and meta-analysis

George Bazoukis¹ · Costas Thomopoulos² · Gary Tse³,⁴ · Costas Tsioufis⁵

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Effect of mineralocorticoid antagonists on blood pressure lowering: overview and meta-analysis of randomized controlled trials in hypertension

George Bazoukis⁶, Costas Thomopoulos⁷, and Costas Tsioufis⁸

Journal of Hypertension. 36(5):987–994, MAY 2018
Blood Pressure Assessment in Adults in Clinical Practice and Clinic-Based Research

JACC Scientific Expert Panel

Paul Muntner, PhD, Paula T. Einhorn, MD, MS, William C. Cushman, MD, Paul K. Whelton, MB, MD, MSc, Natalie A. Bello, MD, MPH, Paul E. Drawz, MD, MHS, MS, Beverly B. Green, MD, MPH, Daniel W. Jones, MD, Stephen P. Juraschek, MD, PhD, Karen L. Margolis, MD, MPH, Edgar R. Miller III, MD, PhD, Ann Marie Navar, MD, PhD, Yechiam Ostchega, PhD, RN, Michael K. Rakotz, MD, Bernard Rosner, PhD, Joseph E. Schwartz, PhD, Daichi Shimbo, MD, George S. Stergiou, MD, PhD, Raymond R. Townsend, MD, Jeff D. Williamson, MD, Jackson T. Wright, Jr, MD, PhD, Lawrence J. Appel, MD, MPH

from a 2017 National Heart, Lung, and Blood Institute Working Group

Consensus Document

Recommendations and Practical Guidance for performing and reporting validation studies according to the Universal Standard for the validation of blood pressure measuring devices by the Association for the Advancement of Medical Instrumentation/European Society of Hypertension/International Organization for Standardization (AAMI/ESH/ISO)

George S. Stergiou, Paolo Palatini, Roland Asmar, John P. Ioannidis, Anastasios Kollias, Peter Lacy, Richard J. McManus, Martin G. Myers, Gianfranco Parati, Andrew Shennan, Jiguang Wang, Eoin O'Brien, on behalf of the European Society of Hypertension Working Group on Blood Pressure Monitoring
Automated office blood pressure measurements in primary care are misleading in more than one third of treated hypertensives: The VALENTINE-Greece Home Blood Pressure Monitoring study

A. Kollias a, S.S. Papadatos b, A.F. Dominiczak b, G. Parati c, d, G.S. Stergiou a, * on behalf of the Valentine-Greece Home Blood Pressure Monitoring Study Group

Unattended versus attended automated office blood pressure: Systematic review and meta-analysis of studies using the same methodology for both methods

Anastasios Kollias MD, PhD, Emelina Stambolliu MD, Konstantinos G. Kyriakoulis MD, Areti Gravvani MD, George S. Stergiou MD, PhD, FRCP
Home blood pressure monitoring in the 21st century

George S. Stergiou MD, PhD, FRCP, Kazuomi Kario MD, PhD, Anastasios Kollias MD, PhD, Richard J. McManus PhD, FRCP, FRCP, Takayoshi Ohkubo MD, PhD, Gianfranco Parati MD, PhD, Yutaka Imai MD, PhD ... See fewer authors

First published: 13 July 2018 | https://doi.org/10.1111/jch.13284 | Cited by: 5

Achieving reliable blood pressure measurements in clinical practice: It's time to meet the challenge

Eoin O'Brien MD, DSc, FRCP, Eamon Dolan MD, MRCP, PhD, George S. Stergiou MD, PhD, FRCP

First published: 13 July 2018 | https://doi.org/10.1111/jch.13323 | Cited by: 1

Nocturnal blood pressure measured by home devices: evidence and perspective for clinical application

Kei Asayama; Takeshi Fujiwara; Satoshi Hoshide; Takayoshi Ohkubo; Kazuomi Kario; George Stergiou; Gianfranco Parati; William White; Michael Weber; Yutaka Imai;
Atrial Fibrillation Detection During 24-Hour Ambulatory Blood Pressure Monitoring

Comparison With 24-Hour Electrocardiography

Anastasios Kollias, Antonios Destounis, Petros Kalogeropoulos, Konstantinos G. Kyriakoulis, Angeliki Ntineri, and George S. Stergiou

Originally published 7 May 2018 | https://doi.org/10.1161/HYPERTENSIONAHA.117.10797 | Hypertension. 2018;72:110–115
Original Article

Effects of metabolic syndrome on arterial function in different age groups: the Advanced Approach to Arterial Stiffness study

Sodium-glucose Cotransporter 2 Inhibitors: Potential Cardiovascular and Mortality Benefits

Author(s): Dragan Lovic*, Andreas Pittaras, Manolis Kallistratos, Constantinos Tsioufis, Charalampos Grassos, Dragan Djordjevic, Ivan Tasic, Athanasios Manolis.

Journal Name: Cardiovascular & Hematological Disorders-Drug Targets

Volume 18, Issue 2, 2018 DOI: 10.2174/1871529X18666180227102137

Sodium-glucose Cotransporter 2 Inhibitors: The Pleiotropic Mechanisms of Actions

Author(s): Panteleimon Pantelidis*, Andreas Kallikmanis, Christos Mitas, Michail Sideris, Charalampos Grassos, Andreas Pittaras, Athanasios Manolis.

Journal Name: Cardiovascular & Hematological Disorders-Drug Targets

Volume 18, Issue 2, 2018 DOI: 10.2174/1871529X18666180206130218
Platelet microRNAs in hypertensive patients with and without cardiovascular disease

Maria Marketou¹ · Joanna Kontaraki² · John Papadakis³ · George Kochiadakis¹ · George Vrentzos³ · Spyros Maragkoudakis¹ · Kostantinos Fragkiadakis¹ · Eleni Katsouli¹ · Marina Platakis¹ · Alexandros Patrianakos¹ · Gregory Chlouverakis⁴ · Konstantinos Papanikolaou³ · Panos Vardas¹ · Fragiskos Parthenakis¹

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LETTER TO THE EDITOR

The long non-coding RNAs MHRT,FENDRR and CARMEN, their expression levels in peripheral blood mononuclear cells in patients with essential hypertension and their relation to heart hypertrophy

Joanna E. Kontaraki, Maria E. Marketou, George E. Kochiadakis, Spyros Maragkoudakis, John Konstantinou, Panos E. Vardas, Fragiskos I. Parthenakis

First published: 19 June 2018 | https://doi.org/10.1111/1440-1681.12997

EDITORS’ CHOICE

MicroRNAs in Peripheral Mononuclear Cells as Potential Biomarkers in Hypertensive Patients With Heart Failure With Preserved Ejection Fraction

Maria E Marketou, Joanna E Kontaraki, Spyros Maragkoudakis, Alexandros Patrianakos, John Konstantinou, Helen Nakou, Despoina Vougia, John Logakis, Gregory Chlouverakis, Panos E Vardas, Fragiskos I Parthenakis

American Journal of Hypertension, Volume 31, Issue 6, 7 May 2018, Pages 651–657,
Labile hypertension: a new disease or a variability phenomenon?

Elias Sanidas\(^1\) · Charalampos Gras\(\text{so}\)\(^2\) · Dimitrios P. Papadopoulos\(^1\) · Maria Vell\(\text{i}\)ou\(^1\) · Kostas Tsioufis\(^3\) · Marina Mantzourani\(^4\) · Despoina Perrea\(^5\) · Dimitris Iliopoulos\(^5\) · John Barbe\(\text{t}\)seas\(^1\) · Vasilios Papademertio\(\text{u}\)\(^6\)

Received: 16 September 2018 / Revised: 3 November 2018 / Accepted: 17 December 2018
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Letter by Stavropoulos et al Regarding Article, "Influence of Baseline Diastolic Blood Pressure on Effects of Intensive Compared With Standard Blood Pressure Control"
Konstantinos Stavropoulos, Konstantinos P. Imprialos and Charris Grassos

*Circulation.* 2018;137:2664-2665

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MicroRNAs in Preeclampsia

Author(s): Georgios Skalis\(^*\), Vasiliki Katsi, Antigoni Miliou, Georgios Georgiopoulos, Ourania Papazachou, Georgia Vamvakou, Petros Nihoyannopoulos, Dimitrios Tousoulis, Thomas Makris.

Journal Name: MicroRNA

Volume 8, Issue 1, 2019

DOI: 10.2174/2211536607666180813123303
The Role of Angiogenesis Inhibitors in Hypertension: Following “Ariadne’s Thread”

Elias Sanidas, Dimitris P Papadopoulos, Maria Velliou, Kostas Tsioufis, Marina Mantzourani, Dimitris Iliopoulos, Despoina Perrea, John Barbetseas, Vasilios Papademetriou


Received: 24 July 2018 | Revised: 19 September 2018 | Accepted: 29 September 2018

DOI: 10.1111/jch.13449

ORIGINAL PAPER

The impact of apelin and relaxin plasma levels in masked hypertension and white coat hypertension

Elias Sanidas MD, PhD, FACC, FESC | Kostas Tsakalis MD | Dimitrios P. Papadopoulos MD, PhD | Kanella Zerva MD | Maria Velliou MD | Despoina Perrea MD, PhD | Marina Mantzourani MD, PhD | Dimitrios Iliopoulos MD, PhD | John Barbetseas MD, PhD
**Research Article**

**Association of Urinary Sodium Excretion with Vascular Damage: A Local Kidney Effect, Rather Than a Marker of Generalized Vascular Impairment**

Areti Triantafyllou, Panagiota Anyfanti, Eugenia Gkaliagkousi, Xenophon Zabulis, Anastasios Vamvakis, Vasileios Gkolias, Konstantinos Petidis, Spyros Aslanidis, and Stella Douma

**ORIGINAL ARTICLE**

**Dietary nitrate improves muscle microvascular reactivity and lowers blood pressure at rest and during isometric exercise in untreated hypertensives**

Andreas Zafeiridis, Areti Triantafyllou, Stavros Papadopoulos, Nikolaos Koletsos, Panagiota Touplikioti, Alexandros S. Zafeiridis, Eugenia Gkaliagkousi, Konstantina Dipla, Stella Douma

First published: 26 December 2018 | [https://doi.org/10.1111/micc.12525](https://doi.org/10.1111/micc.12525)

**A brief submaximal isometric exercise test ‘unmasks’ systolic and diastolic masked hypertension**

Nikolaos Koletsos; Konstantina Dipla; Areti Triantafyllou; Eugenia Gkaliagkousi; Vasileios Sachpeldis; Andreas Zafeiridis; Stella Douma;
Clinical impact of dipping and nocturnal blood pressure patterns in newly-diagnosed, never treated patients with essential hypertension

Eugenia Gkaliagkousi, Panagiota Anyfanti, Antonios Lazaridis, Areti Triantafyllou, Anastasios Vamvakis, Nikolaos Koletsos, Panagiotis Dolgyras, Stella Douma

Association of nocturnal blood pressure patterns with inflammation and central and peripheral estimates of vascular health in rheumatoid arthritis

Eugenia Gkaliagkousi, Panagiota Anyfanti, Sophia Chatzimichailidou, Areti Triantafyllou, Antonios Lazaridis, Spyros Aslanidis & Stella Douma

Journal of Human Hypertension 32, 259–267 (2018) | Download Citation
Plasma renin activity to plasma aldosterone concentration ratio for the assessment of essential hypertensive patients in real-life clinical practice

Eugenia Gkaliagkousi; Panagiota Anyfanti; Antonios Lazaridis; Stella Douma;

Asymmetric dimethylarginine levels are associated with augmentation index across naïve untreated patients with different hypertension phenotypes

Eugenia Gkaliagkousi MD, PhD. Eleni Gavriliaki MD, PhD, Areti Triantafyllou MD, PhD, Barbara Nikolaidou MD, Panagiota Anyfanti MD, Nikolaos Koletsos MD, Anastasios Vamvakis MSc. Konstantina Dipla PhD. Antonios Lazaridis MD. Stella Douma MD, PhD ... See fewer authors

First published: 15 February 2018 | https://doi.org/10.1111/jch.13237

Original Article

Computed Tomography and Adrenal Venous Sampling in the Diagnosis of Unilateral Primary Aldosteronism

Primary aldosteronism in patients with adrenal incidentaloma: Is screening appropriate for everyone?
Renal sympathetic denervation: Ashes to ashes or rebirth from the ashes?

Michael Doumas MD, PhD¹,² | Konstantinos Stavropoulos MD¹ | Konstantinos P. Imprialos MD¹ | Vasilios G. Athyros MD, PhD¹ | Asterios Karagiannis MD, PhD¹

Renal resistive index for renovascular hypertension: In the quest of the Holy Grail

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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


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Association of Elevated Blood Pressure Levels with Outcomes in Acute Ischemic Stroke Patients Treated with Intravenous Thrombolysis: A Systematic Review and Meta-Analysis

Konark Malhotra, Niaz Ahmed, Angeliki Filippatou, Aristeidis H. Katsanos, Nitin Goyal, Konstantinos Tsioufis, Efstatios Manios, Maria Pikilidou, Peter D. Schellinger, Anne W. Alexandrov, Andrei V. Alexandrov, Georgios Tsivgoulis

Blood pressure in acute ischemic stroke: challenges in trial interpretation and clinical management: position of the ESH Working Group on Hypertension and the Brain

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Obesity and season as determinants of high blood pressure in a school-based screening study

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A systematic review and network meta-analysis of the comparative efficacy of angiotensin-converting enzyme inhibitors and angiotensin receptor blockers in hypertension

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EDITOR'S CHOICE

Early Vascular Aging Risk Assessment From Ambulatory Blood Pressure Monitoring: The Early Vascular Aging Ambulatory Score

Christina Antza, Ioannis Doundoulakis, Evagelos Akrivos, Stella Stabouli, Christina Trakatelli, Michael Doumas, Vasilios Kotsis

Comparison of the SphygmoCor XCEL device with applanation tonometry for pulse wave velocity and central blood pressure assessment in youth

Stella Stabouli; Nikoleta Printza; Chris Zervas; John Dotis; Katerina Chrysaidou; Olga Maliahova; Christina Antza; Fotios Papachristou; Vasilios Kotsis;

Consensus Document


Randomized Crossover Trial of the Impact of Morning or Evening Dosing of Antihypertensive Agents on 24-Hour Ambulatory Blood Pressure
The HARMONY Trial

Neil R. Poulter, Christos Savopoulos, Aisha Anjum, Martha Apostolopoulou, Neil Chapman, Mary Cross, Emanuela Falaschetti, Spiros Fotiadis, Rebecca M. James, Ilias Kanellos, Matyas Szigeti, Simon Thom, Peter Sever, David Thompson, Apostolos I. Hatzitolios

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Left ventricular hypertrophy assessed by electrocardiogram is associated with more severe stroke and with higher in-hospital mortality in patients with acute ischemic stroke

Konstantinos Tziomalos*, Areti Sofogianni, Stella-Maria Angelopoulou, Konstantinos Christou, Stavroula Kostaki, Marianthi Papagianni, Sarantis Satsoglou, Marianna Spanou, Christos Savopoulos, Apostolos I. Hatzitolios

First Propedeutic Department of Internal Medicine, Medical School, Aristotle University of Thessaloniki, AHEPA Hospital, Thessaloniki, Greece
Arterial stiffness in end-stage renal disease—pathogenesis, clinical epidemiology, and therapeutic potentials

Panagiotis I. Georgiannos, Maria I. Piklidou, Vassilios Liakopoulos, Elias V. Balaskas & Pantelis E. Zebekakis

Low-dose combination therapy to control sustained ambulatory hypertension—Basic principles and future directions

Panagiotis I. Georgiannos MD, PhD, Vassilios Liakopoulos MD, PhD, Pantelis E. Zebekakis MD, PhD

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General obesity, abdominal adiposity, and the risk of incident hypertension—From anthropometry to modern imaging techniques

Panagiotis I. Georgiannos MD, PhD | Pantelis E. Zebekakis MD, PhD

Home BP-guided antihypertensive therapy in chronic kidney disease: more data are needed

Panagiotis I. Georgiannos, MD, PhD, Eleni Champidou, MD, Vassilios Liakopoulos, MD, PhD, Elias V. Balaskas, MD PhD, Pantelis E. Zebekakis, MD, PhD

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Nebivolol reduces short-term blood pressure variability more potently than irbesartan in patients with intradialytic hypertension

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A Comparative Study of Short-Term Blood Pressure Variability in Hemodialysis Patients with and without Intradialytic Hypertension

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The association of interdialytic blood pressure variability with cardiovascular events and all-cause mortality in haemodialysis patients

Pantelis A Sarafidis, Charalampos Loutradis, Antonios Karpetas, Georgios Tzanis, Athanasios Bikos, Vassiliios Raptis, Christos Syrgkanis, Vassiliios Liakopoulos, Aikaterini Papagianni, George Bakris, Gianfranco Parati

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Blood pressure variability increases with advancing chronic kidney disease stage: a cross-sectional analysis of 16546 hypertensive patients

Pantelis Sarafidis, Luis Ruijope, Charalampos Loutradis, Manuel Gorostidi, Alejandro de la Sierra, Juan de la Cruz, Ernest Vinyoles, Juan Divión-Garrote, Julián Segura, José Banegas

Prevalence and control of hypertension by 48-h ambulatory blood pressure monitoring in haemodialysis patients: a study by the European Cardiovascular and Renal Medicine (EURECA-m) working group of the ERA-EDTA


Association of Ambulatory Blood Pressure with All-Cause and Cardiovascular Mortality in Hemodialysis Patients: Effects of Heart Failure and Atrial Fibrillation

Christopher C. Mayer, Julia Matschkal, Pantelis A. Sarafidis, Stefan Hagmair, Georg Lorenz, Susanne Angermann, Matthias C. Braunisch, Marcus Baumann, Uwe Heemann, Siegfried Wassertheuer, and Christoph Schmieder

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The effects of nebivolol and irbesartan on postdialysis and ambulatory blood pressure in patients with intradialytic hypertension: a randomized cross-over study

Athanasios Bikos, Charalampos Loutradis, Elena Aggeloudi, Antonios Karpetas, Vasilios Raptis, Rigas Kalaitzidis, Stylianos Panagoutsos, Ploumis Pasadakis, Ilias Balaskas, Vasilios Liakopoulos, Aikaterini Papagianni, and Pantelis A. Sarafidis
Commentary

The clinical value of automated office blood pressure: What is the latest evidence on attended vs unattended automated readings in clinical practice?

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Unobserved automated office BP is similar to other clinic BP measurements: A prospective randomized study

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Original Research

Attended and Unattended Automated Office Blood Pressure Measurements Have Better Agreement With Ambulatory Monitoring Than Conventional Office Readings

Emmanuel A. Andreadis, MD, PhD; Charalampia V. Geladari, MD; Epameinondas T. Angelopoulos, MD, PhD; Florentia S. Savva, MD; Anna I. Georgantoni, MD; Vasilios Papademetriou, MD, PhD

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Interaction Between Hypertension and Arterial Stiffness
An Expert Reappraisal


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24-hour aortic blood pressure variability showed a stronger association with carotid damage than 24-hour brachial blood pressure variability: The SAFAR study

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Determinants of the aortic pulse wave velocity index in hypertensive and diabetic patients: predictive and therapeutic implications

Alexandre Vallée; Alexandra Yannoutsos; Mohamed Temmar; Céline Dreyfuss Tubiana; Irina Spînu; Yi Zhang; Athanase Protogerou; Guillaume Henry-Bonniot; Philippe Bosner; Michel Safar; Jacques Blacher;