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Does Tail-Cuff Plethysmography Provide a Reliable Estimate of Central Blood Pressure in Mice?

Gregory D. Fink

e006554. DOI: 10.1161/JAHA.117.006554.

Putting Into Perspective the Hazards of Untreated Familial Hypercholesterolemia

Paul N. Hopkins

e006553. DOI: 10.1161/JAHA.117.006553.

Original Research

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Arnon Adler, Dana Fourey, Adaya Weissler-Snir, Waseem Hindieh, Raymond H. Chan, Michael H. Gollob, and Harry Rakowski

e005152. DOI: 10.1161/JAHA.116.005152.

Small-Conductance Calcium-Activated Potassium Current in Normal Rabbit Cardiac Purkinje Cells

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e005471. DOI: 10.1161/JAHA.117.005471.

Shortening of the Short Refractory Periods in Short QT Syndrome

Anne Rollin, Estelle Gandjbakhch, Carla Giustetto, Chiara Scrocco, Carole Fourcade, Benjamin Monteil, Pierre Mondoly, Christelle Cardin, Carole Maupain, Fiorenzo Gaita, and Philippe Maury

e005684. DOI: 10.1161/JAHA.117.005684.

Gut-Derived Serum Lipopolysaccharide is Associated With Enhanced Risk of Major Adverse Cardiovascular Events in Atrial Fibrillation: Effect of Adherence to Mediterranean Diet

Daniele Pastori, Roberto Carnevale, Cristina Nocella, Marta Novo, Maria Santulli, Vittoria Cammisotto, Danilo Menichelli, Pasquale Pignatelli, and Francesco Violi

e005784. DOI: 10.1161/JAHA.117.005784.

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e005009. DOI: 10.1161/JAHA.116.005009.

Implantable Cardioverter-Defibrillator Therapy in Arrhythmogenic Right Ventricular Dysplasia/ Cardiomyopathy: Predictors of Appropriate Therapy, Outcomes, and Complications

Gabriela M. Orgeron, Cynthia A. James, Anneline Te Riele, Crystal Tichnell, Brittney Murray, Aditya Bhonsale, Ihab R. Kamel, Stephan L. Zimmerman, Daniel P. Judge, Jane Crosson, Harikrishna Tandri, and Hugh Calkins

e006242. DOI: 10.1161/JAHA.117.006242.

Associations of Abdominal Obesity and New-Onset Atrial Fibrillation in the General Population

Yong-Soo Baek, Pil-Sung Yang, Tae-Hoon Kim, Jae-Sun Uhm, Junbeom Park, Hui-Nam Pak, Moon-Hyoung Lee, and Boyoung Joung

e004705. DOI: 10.1161/JAHA.116.004705.

Safety and Efficacy of Rivaroxaban in Patients With Cardiac Implantable Electronic Devices: Observations From the ROCKET AF Trial

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e004663. DOI: 10.1161/JAHA.116.004663.

Repeated Measurements of Cardiac Biomarkers in Atrial Fibrillation and Validation of the ABC Stroke Score Over Time

Ziad Hijazi, Bertil Lindahl, Jonas Oldgren, Ulrika Andersson, Johan Lindbäck, Christopher B. Granger, John H. Alexander, Bernard J. Gersh, Michael Hanna, Veli-Pekka Harjola, Elaine M. Hylek, Renato D. Lopes, Agneta Siegbahn, and Lars Wallentin
e004851. DOI: 10.1161/JAHA.116.004851.

Practice Patterns for Acute Ischemic Stroke Workup: A Longitudinal Population-Based Study

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e005097. DOI: 10.1161/JAHA.116.005097.

Liver Cirrhosis in Patients With Atrial Fibrillation: Would Oral Anticoagulation Have a Net Clinical Benefit for Stroke Prevention?

Ling Kuo, Tze-Fan Chao, Chia-Jen Liu, Yenn-Jiang Lin, Shih-Lin Chang, Li-Wei Lo, Yu-Feng Hu, Ta-Chuan Tuan, Jo-Nan Liao, Fa-Po Chung, Tzeng-Ji Chen, Gregory Y. H. Lip, and Shih-Ann Chen
e005307. DOI: 10.1161/JAHA.116.005307.

Early Life Risk Factors for Incident Atrial Fibrillation in the Helsinki Birth Cohort Study

Linda S. B. Johnson, Minna Salonen, Eero Kajantie, David Conen, Jeff S. Healey, Clive Osmond, and Johan G. Eriksson
e006036. DOI: 10.1161/JAHA.117.006036.

Acute Hemodynamic and Tissue Effects of Cryoballoon Ablation on Pulmonary Vessels: The IVUS-Cryo Study

Jakub Baran, Paweł Lewandowski, Krzysztof Smarż, Agnieszka Sikorska, Beata Zaborska, and Piotr Kułakowski
e005988. DOI: 10.1161/JAHA.117.005988.

Congenital Heart Disease

Impact of Chamber Dilatation on the Prognostic Value of Left Ventricular Geometry in Hypertension

Paolo Verdecchia, Fabio Angeli, Giovanni Mazzotta, Claudia Bartolini, Marta Garofoli, Adolfo Aita, Cristina Poltronieri, Maria Gabriella Pinzagli, Francesca Valecchi, Stefania Martone, Elisa Ramundo, Dario Turturiello, and Gianpaolo Reboldi
e005948. DOI: 10.1161/JAHA.117.005948.

Coronary Heart Disease

Transforming Growth Factor- β Receptor III is a Potential Regulator of Ischemia-Induced Cardiomyocyte Apoptosis

Fei Sun, Xin Li, Wen-Qi Duan, Wei Tian, Ming Gao, Jia Yang, Xia-Yang Wu, Di Huang, Wei Xia, Yan-Na Han, Jia-Xin Wang, Yan-Xin Liu, Chang-Jiang Dong, Dan Zhao, Tao Ban, and Wen-Feng Chu
e005357. DOI: 10.1161/JAHA.116.005357.

Significance of Microvascular Function in Visual–Functional Mismatch Between Invasive Coronary Angiography and Fractional Flow Reserve

Taishi Yonetsu, Tadashi Murai, Yoshihisa Kanaji, Tetsumin Lee, Junji Matsuda, Eisuke Usui, Masahiro Hoshino, Makoto Araki, Takayuki Niida, Masahiro Hada, Sadamitsu Ichijo, Rikuta Hamaya, Yoshinori Kanno, and Tsunekazu Kakuta
e02277. DOI: 10.1161/JAHA.117.005916.

Role of Circulating Fibroblast Growth Factor 21 Measurement in Primary Prevention of Coronary Heart Disease Among Chinese Patients With Type 2 Diabetes Mellitus

Chi Ho Lee, Yu Cho Woo, Wing Sun Chow, Chloe Yu Yan Cheung, Carol Ho Yi Fong, Michele Mae Ann Yuen, Aimin Xu, Hung Fat Tse, and Karen Siu Ling Lam
e005344. DOI: 10.1161/JAHA.116.005344.

Associations Between Cardiac Troponin, Mechanism of Myocardial Injury, and Long-Term Mortality After Noncardiac Vascular Surgery

Grant W. Reed, Samuel Horr, Laura Young, Joshua Clevenger, Umair Malik, Stephen G. Ellis, A. Michael Lincoff, Steven E. Nissen, and Venu Menon
e005672. DOI: 10.1161/JAHA.117.005672.

Association Between Modifiable Risk Factors and Pharmaceutical Expenditures Among Adults With Atherosclerotic Cardiovascular Disease in the United States: 2012–2013 Medical Expenditures Panel Survey

Joseph A. Salami, Javier Valero-Elizondo, Oluseye Ogunmoroti, Erica S. Spatz, Jamal S. Rana, Salim S. Virani, Ron Blankstein, Adnan Younus, Alejandro Arrieta, Michael J. Blaha, Emir Veledar, and Khurram Nasir
e004996. DOI: 10.1161/JAHA.116.004996.

Comparison of a Drug-Free Early Programmed Dismantling PDLLA Bioresorbable Scaffold and a Metallic Stent in a Porcine Coronary Artery Model at 3-Year Follow-Up

Kazuyuki Yahagi, Yi Yang, Sho Torii, Johanne Mensah, Roseann M. White, Marion Mathieu, Erica Pacheco, Masataka Nakano, Abdul Barakat, Tahmer Sharkawi, Michel Vert, Michael Joner, Alope V. Finn, Renu Virmani, and Antoine Lafont
e005693. DOI: 10.1161/JAHA.117.005693.

Sex-Based Differences in the Performance of the HEART Score in Patients Presenting to the Emergency Department With Acute Chest Pain

Ingrid E. M. Bank, Vince C. de Hoog, Dominique P. V. de Kleijn, Gerard Pasterkamp, Pieter A. Doevendans, Hester M. den Ruijter, Geertje Dalmeijer, Thierry X. Wildbergh, Arend Mosterd, and Leo Timmers
e005373. DOI: 10.1161/JAHA.116.005373.

Angiopoietin-Like Protein 4 Is a High-Density Lipoprotein (HDL) Component for HDL Metabolism and Function in Nondiabetic Participants and Type-2 Diabetic Patients

Long-Yan Yang, Cai-Guo Yu, Xu-Hong Wang, Sha-Sha Yuan, Li-Jie Zhang, Jia-Nan Lang, Dong Zhao, and Ying-Mei Feng
e005973. DOI: 10.1161/JAHA.117.005973.

Epidemiology

Objectively Measured Sedentary Time and Cardiovascular Risk Factor Control in US Hispanics/Latinos With Diabetes Mellitus: Results From the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)

Xueyin Wang, Garrett Strizich, Simin Hua, Daniela Sotres-Alvarez, Christina Buelna, Linda C. Gallo, Marc D. Gellman, Yasmin Mossavar-Rahmani, Matthew J. O'Brien, Mark Stoutenberg, Tao Wang, M. Larissa Avilés-Santa, Robert C. Kaplan, and Qibin Qi
e004324. DOI: 10.1161/JAHA.116.004324.

Role of B-Type Natriuretic Peptide and N-Terminal Prohormone BNP as Predictors of Cardiovascular Morbidity and Mortality in Patients With a Recent Coronary Event and Type 2 Diabetes Mellitus

Emil Wolsk, Brian Claggett, Marc A. Pfeffer, Rafael Diaz, Kenneth Dickstein, Hertzfel C. Gerstein, Francesca C. Lawson, Eldrin F. Lewis, Aldo P. Maggioni, John J. V. McMurray, Jeffrey L. Probstfield, Matthew C. Riddle, Scott D. Solomon, Jean-Claude Tardif, and Lars Køber
e004743. DOI: 10.1161/JAHA.116.004743.

Associations of Glycemic Control With Cardiovascular Outcomes Among US Hemodialysis Patients With Diabetes Mellitus

Jinnie J. Rhee, Yuanchao Zheng, Maria E. Montez-Rath, Tara I. Chang, and Wolfgang C. Winkelmayer
e005581. DOI: 10.1161/JAHA.117.005581.

Ten-Year (2001–2011) Trends in the Incidence Rates and Short-Term Outcomes of Early Versus Late Onset Cardiogenic Shock After Hospitalization for Acute Myocardial Infarction

Hoa L. Nguyen, Jorge Yarzebski, Darleen Lessard, Joel M. Gore, David D. McManus, and Robert J. Goldberg
e005566. DOI: 10.1161/JAHA.117.005566.

Exercise-Related Out-of-Hospital Cardiac Arrest Among the General Population in the Era of Public-Access Defibrillation: A Population-Based Observation in Japan

Kosuke Kiyohara, Chika Nishiyama, Takeyuki Kiguchi, Tatsuya Nishiuchi, Yasuyuki Hayashi, Taku Iwami, and Tetsuhisa Kitamura
e005786. DOI: 10.1161/JAHA.117.005786.

Increased Proximal Aortic Diameter is Associated With Risk of Cardiovascular Events and All-Cause Mortality in Blacks The Jackson Heart Study

Daisuke Kamimura, Takeki Suzuki, Solomon K. Musani, Michael E. Hall, Tandaw E. Samdarshi, Adolfo Correa, and Ervin R. Fox
e005005. DOI: 10.1161/JAHA.116.005005.

The American Heart Association Ideal Cardiovascular Health and Incident Type 2 Diabetes Mellitus Among Blacks: The Jackson Heart Study

Valery S. Effoe, Mercedes R. Carnethon, Justin B. Echouffo-Tcheugui, Haiying Chen, Joshua J. Joseph, Arnita F. Norwood, and Alain G. Bertoni

e005008. DOI: 10.1161/JAHA.116.005008.

Breastfeeding and the Risk of Maternal Cardiovascular Disease: A Prospective Study of 300 000 Chinese Women

Sanne A. E. Peters, Ling Yang, Yu Guo, Yiping Chen, Zheng Bian, Jianwei Du, Jie Yang, Shanpeng Li, Liming Li, Mark Woodward, Zhengming Chen, on behalf of the China Kadoorie Biobank Collaboration Group

e006081. DOI: 10.1161/JAHA.117.006081.

Genetics

Experimental and Human Evidence for Lipocalin-2 (Neutrophil Gelatinase-Associated Lipocalin [NGAL]) in the Development of Cardiac Hypertrophy and Heart Failure

Francine Z. Marques, Priscilla R. Prestes, Sean G. Byars, Scott C. Ritchie, Peter Würtz, Sheila K. Patel, Scott A. Booth, Indrajeetsinh Rana, Yosuke Minoda, Stuart P. Berzins, Claire L. Curl, James R. Bell, Bryan Wai, Piyush M. Srivastava, Antti J. Kangas, Pasi Soininen, Saku Ruohonen, Mika Kähönen, Terho Lehtimäki, Emma Raitoharju, Aki Havulinna, Markus Perola, Olli Raitakari, Veikko Salomaa, Mika Ala-Korpela, Johannes Kettunen, Maree McGlynn, Jason Kelly, Mary E. Wlodek, Paul A. Lewandowski, Lea M. Delbridge, Louise M. Burrell, Michael Inouye, Stephen B. Harrap, and Fadi J. Charchar

e005971. DOI: 10.1161/JAHA.117.005971.

Health Services and Outcomes Research

Impact of the Publication of Appropriate Use Criteria on Utilization Rates of Myocardial Perfusion Imaging Studies in Ontario, Canada: A Population-Based Study

Idan Roifman, Peter C. Austin, Feng Qiu, and Harindra C. Wijeyesundera

e005961. DOI: 10.1161/JAHA.117.005961.

Quality of Care in Chinese Hospitals: Processes and Outcomes After ST-segment Elevation Myocardial Infarction

Nicholas S. Downing, Yongfei Wang, Kumar Dharmarajan, Sudhakar V. Nuti, Karthik Murugiah, Xue Du, Xin Zheng, Xi Li, Jing Li, Frederick A. Masoudi, John A. Spertus, Lixin Jiang, and Harlan M. Krumholz

e005040. DOI: 10.1161/JAHA.116.005040.

Heart Failure

Electrocardiographic Predictors of Heart Failure With Reduced Versus Preserved Ejection Fraction: The Multi-Ethnic Study of Atherosclerosis

Wesley T. O'Neal, Matylda Mazur, Alain G. Bertoni, David A. Bluemke, Mouaz H. Al-Mallah, Joao A. C. Lima, Dalane Kitzman, and Elsayed Z. Soliman

e006023. DOI: 10.1161/JAHA.117.006023.

Colchicine Depolymerizes Microtubules, Increases Junctophilin-2, and Improves Right Ventricular Function in Experimental Pulmonary Arterial Hypertension

Kurt W. Prins, Lian Tian, Danchen Wu, Thenappan Thenappan, Joseph M. Metzger, and Stephen L. Archer

e006195. DOI: 10.1161/JAHA.117.006195.

Thymosin Beta-4 Is Elevated in Women With Heart Failure With Preserved Ejection Fraction

Chester L. Drum, Warren K. Y. Tan, Siew-Pang Chan, Leroy S. Pakkiri, Jenny P. C. Chong, Oi-Wah Liew, Tze-Pin Ng, Lieng-Hsi Ling, David Sim, Kui-Toh G. Leong, Daniel P. S. Yeo, Hean-Yee Ong, Fazlur Jaufeerally, Raymond C. C. Wong, Ping Chai, Adrian F. Low, Pia Davidsson, Mathias Liljeblad, Ann-Sofi Söderling, Li-Ming Gan, Ratan V. Bhat, Kristy Purnamawati, Carolyn S. P. Lam, and A. Mark Richards

e005586. DOI: 10.1161/JAHA.117.005586.

Life's Simple 7 and Incident Heart Failure: The Multi-Ethnic Study of Atherosclerosis

Oluseye Ogunmoroti, Ebenezer Oni, Erin D. Michos, Erica S. Spatz, Norrina B. Allen, Jamal S. Rana, Salim S. Virani, Ron Blankstein, Konstantinos N. Aronis, Roger S. Blumenthal, Emir Veledar, Moyses Szklo, Michael J. Blaha, and Khurram Nasir

e005180. DOI: 10.1161/JAHA.116.005180.

Prognostic Nutritional Index and the Risk of Mortality in Patients With Acute Heart Failure

Yu-Lun Cheng, Shih-Hsien Sung, Hao-Min Cheng, Pai-Feng Hsu, Chao-Yu Guo, Wen-Chung Yu, and Chen-Huan Chen
e004876. DOI: 10.1161/JAHA.116.004876.

Hypertension

Racial Differences in Arterial Stiffness are Mainly Determined by Blood Pressure Levels: Results From the ELSA-Brasil Study

Marcelo P. Baldo, Roberto S. Cunha, Antônio L.P. Ribeiro, Paulo A. Lotufo, Dora Chor, Sandhi M. Barreto, Isabela M. Bensenor, Alexandre C. Pereira, and José Geraldo Mill
e005477. DOI: 10.1161/JAHA.117.005477.

Reoxygenation Reverses Hypoxic Pulmonary Arterial Remodeling by Inducing Smooth Muscle Cell Apoptosis via Reactive Oxygen Species-Mediated Mitochondrial Dysfunction

Jian Chen, Yan-Xia Wang, Ming-Qing Dong, Bo Zhang, Ying Luo, Wen Niu, and Zhi-Chao Li
e005602. DOI: 10.1161/JAHA.117.005602.

Tail-Cuff Technique and Its Influence on Central Blood Pressure in the Mouse

Elena Wilde, Aisah A. Aubdool, Pratish Thakore, Lineu Baldissera, Jr, Khadija M. Alawi, Julie Keeble, Manasi Nandi, and Susan D. Brain
e005204. DOI: 10.1161/JAHA.116.005204.

Antihypertensive Medication Adherence and Risk of Cardiovascular Disease Among Older Adults: A Population-Based Cohort Study

Quanhe Yang, Anping Chang, Matthew D. Ritchey, and Fleetwood Loustalot
e006056. DOI: 10.1161/JAHA.117.006056.

Imaging

Effect of Coronary Revascularization on the Prognostic Value of Stress Myocardial Contrast Wall Motion and Perfusion Imaging

Nicola Gaibazzi, Thomas Porter, Valentina Lorenzoni, Gianluca Pontone, Delia De Santis, Andrea De Rosa, and Andrea Igores Guaricci
e006202. DOI: 10.1161/JAHA.117.006202.

Interventional Cardiology

Stunning and Right Ventricular Dysfunction Is Induced by Coronary Balloon Occlusion and Rapid Pacing in Humans: Insights From Right Ventricular Conductance Catheter Studies

Richard G. Axell, Joel P. Giblett, Paul A. White, Andrew Klein, James Hampton-Til, Michael O'Sullivan, Denise Braganza, William R. Davies, Nick E. J. West, Cameron G. Densem, and Stephen P. Hoole
e005820. DOI: 10.1161/JAHA.117.005820.

Ticagrelor and Eptifibatide Bolus Versus Ticagrelor and Eptifibatide Bolus With 2-Hour Infusion in High-Risk Acute Coronary Syndromes Patients Undergoing Early Percutaneous Coronary Intervention

Moazez J. Marian, Oluseun Alli, Firas Al Solaiman, Brigitta C. Brott, Mark Sasse, Tara Leesar, Sumanth D. Prabhu, and Massoud A. Leesar
e005562. DOI: 10.1161/JAHA.117.005562.

Kidney in Cardiovascular Disease

Acute Kidney Injury After Primary Angioplasty: Is Contrast-Induced Nephropathy the Culprit?

Oren Caspi, Manhal Habib, Yuval Cohen, Arthur Kerner, Ariel Roguin, Eitan Abergel, Monther Boulos, Michael R. Kapeliovich, Rafael Beyar, Eugenia Nikolsky, and Doron Aronson
e005715. DOI: 10.1161/JAHA.117.005715.

Molecular Cardiology

Mitochondrial Integrity and Function in the Progression of Early Pressure Overload-Induced Left Ventricular Remodeling

Antoine H. Chaanine, K. Sreekumaran Nair, Robert H. Bergen, III, Katherine Klaus, Adam J. Guenzel, Roger J. Hajjar, and Margaret M. Redfield
e005869. DOI: 10.1161/JAHA.117.005869.

Targeting of Extracellular RNA Reduces Edema Formation and Infarct Size and Improves Survival After Myocardial Infarction in Mice

Philipp Stieger, Jan-Marcus Daniel, Christiane Thölen, Jochen Dutzmann, Kai Knöpp, Dursun Gündüz, Muhammad Aslam, Marian Kampschulte, Alexander Langheinrich, Silvia Fischer, Hector Cabrera-Fuentes, Yong Wang, Kai C. Wollert, Johann Bauersachs, Rüdiger Braun-Dullaeus, Klaus T. Preissner, and Daniel G. Sedding
e004541. DOI: 10.1161/JAHA.116.004541.

Pediatric Cardiology

Predicting Coronary Artery Aneurysms in Kawasaki Disease at a North American Center: An Assessment of Baseline z Scores

Mary Beth F. Son, Kimberlee Gauvreau, Susan Kim, Alexander Tang, Fatma Dedeoglu, David R. Fulton, Mindy S. Lo, Annette L. Baker, Robert P. Sundel, and Jane W. Newburger
e005378. DOI: 10.1161/JAHA.116.005378.

Preventive Cardiology

Associations of Cigarette Smoking With Subclinical Inflammation and Atherosclerosis: ELSA-Brasil (The Brazilian Longitudinal Study of Adult Health)

Sina Kianoush, Mohammad Yawar Yakoob, Mahmoud Al-Rifai, Andrew P. DeFilippis, Marcio S. Bittencourt, Bruce B. Duncan, Isabela M. Bensenor, Aruni Bhatnagar, Paulo A. Lotufo, and Michael J. Blaha
e005088. DOI: 10.1161/JAHA.116.005088.

Resuscitation Science

Regions With Low Rates of Bystander Cardiopulmonary Resuscitation (CPR) Have Lower Rates of CPR Training in Victoria, Australia

Janet E. Bray, Lahn Straney, Karen Smith, Susie Cartledge, Rosalind Case, Stephen Bernard, and Judith Finn
e005972. DOI: 10.1161/JAHA.117.005972.

Stroke

CM352 Reduces Brain Damage and Improves Functional Recovery in a Rat Model of Intracerebral Hemorrhage

José A. Rodríguez, Tomás Sobrino, Esteban López-Arias, Ana Ugarte, Juan A. Sánchez-Arias, Alba Vieites-Prado, Irene de Miguel, Julen Oyarzabal, José A. Páramo, Francisco Campos, Josune Orbe, and José Castillo
e006042. DOI: 10.1161/JAHA.117.006042.

Recurrent Stroke in Minor Ischemic Stroke or Transient Ischemic Attack With Metabolic Syndrome and/or Diabetes Mellitus

Weiqi Chen, Yuesong Pan, Jing Jing, Xingquan Zhao, Liping Liu, Xia Meng, Yilong Wang, Yongjun Wang, on behalf of the CHANCE Investigators
e005446. DOI: 10.1161/JAHA.116.005446.

Time Course of Evolution of Disability and Cause-Specific Mortality After Ischemic Stroke: Implications for Trial Design

Aravind Ganesh, Ramon Luengo-Fernandez, Rose M. Wharton, Sergei A. Gutnikov, Louise E. Silver, Ziyah Mehta, Peter M. Rothwell, on behalf of the Oxford Vascular Study
e005788. DOI: 10.1161/JAHA.117.005788.

Epidemiology, Endovascular Treatment, and Prognosis of Cerebral Venous Thrombosis: US Center Study of 152 Patients

Kristin Salottolo, Jeffrey Wagner, Donald F. Frei, David Loy, Richard J. Bellon, Kathryn McCarthy, Judd Jensen, Christopher Fanale, and David Bar-Or
e005480. DOI: 10.1161/JAHA.117.005480.

Dipeptidyl Peptidase-4 Inhibitor Anagliptin Prevents Intracranial Aneurysm Growth by Suppressing Macrophage Infiltration and Activation

Taichi Ikedo, Manabu Minami, Hiroharu Kataoka, Kosuke Hayashi, Manabu Nagata, Risako Fujikawa, Sei Higuchi, Mika Yasui, Tomohiro Aoki, Miyuki Fukuda, Masayuki Yokode, and Susumu Miyamoto
e004777. DOI: 10.1161/JAHA.116.004777.

Low Pulse Pressure After Acute Ischemic Stroke is Associated With Unfavorable Outcomes: The Taiwan Stroke Registry

Sung-Chun Tang, Jiu-Haw Yin, Chung-Hsiang Liu, Ming-Hui Sun, Jiunn-Tay Lee, Yu Sun, Chih-Shan Hsu, Mu-Chien Sun, Ching-Huang Lin, Chih-Hung Chen, Li-Ming Lien, Chih-Hsin Muo, Jiann-Shing Jeng, Chung Y. Hsu, Taiwan Stroke Registry Investigators
e005113. DOI: 10.1161/JAHA.116.005113.

Overweight, Obesity, and Survival After Stroke in the Framingham Heart Study

Hugo J. Aparicio, Jayandra J. Himali, Alexa S. Beiser, Kendra L. Davis-Plourde, Ramachandran S. Vasan, Carlos S. Kase, Philip A. Wolf, and Sudha Seshadri
e004721. DOI: 10.1161/JAHA.116.004721.

Valvular Heart Disease

Impact of Mean Transaortic Pressure Gradient on Long-Term Outcome in Patients With Severe Aortic Stenosis and Preserved Left Ventricular Ejection Fraction

Yohann Bohbot, Cedric Kowalski, Dan Rusinaru, Anne Ringle, Sylvestre Marechaux, and Christophe Tribouilloy
e005850. DOI: 10.1161/JAHA.117.005850.

Vascular Medicine

Long-Term Cardiovascular Risk in Heterozygous Familial Hypercholesterolemia Relatives Identified by Cascade Screening

Kasper Aalbæk Kjærgaard, Morten Krogh Christiansen, Morten Schmidt, Morten Smærup Olsen, and Henrik Kjærulf Jensen
e005435. DOI: 10.1161/JAHA.116.005435.

Targeting AGGF1 (angiogenic factor with G patch and FHA domains 1) for Blocking Neointimal Formation After Vascular Injury

Yufeng Yao, Zhenkun Hu, Jian Ye, Changqing Hu, Qixue Song, Xingwen Da, Yubin Yu, Hui Li, Chengqi Xu, Qiuyun Chen, and Qing Kenneth Wang
e005889. DOI: 10.1161/JAHA.117.005889.

Systematic Review and Meta-Analysis

Effect of Sodium-Glucose Cotransport-2 Inhibitors on Blood Pressure in People With Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis of 43 Randomized Control Trials With 22 528 Patients

Mohsen Mazidi, Peyman Rezaie, Hong-Kai Gao, and Andre Pascal Kengne
e004007. DOI: 10.1161/JAHA.116.004007.

Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease

Ci Song, Stephen Burgess, John D. Eicher, CHARGE Consortium Hemostatic Factor Working Group, ICBP Consortium, CHARGE Consortium Subclinical Working Group, Christopher J. O'Donnell, and Andrew D. Johnson
e004918. DOI: 10.1161/JAHA.116.004918.

Transcatheter Aortic Valve Implantation With or Without Percutaneous Coronary Artery Revascularization Strategy: A Systematic Review and Meta-Analysis

Rafail A. Kotronias, Chun Shing Kwok, Sudhakar George, Davide Capodanno, Peter F. Ludman, Jonathan N. Townend, Sagar N. Doshi, Saib S. Khogali, Philippe G n reux, Howard C. Herrmann, Mamas A. Mamas, and Rodrigo Bagur
e005960. DOI: 10.1161/JAHA.117.005960.

Contemporary Review

Blood-Brain Barrier Disruption, Vascular Impairment, and Ischemia/Reperfusion Damage in Diabetic Stroke

Poornima Venkat, Michael Chopp, and Jieli Chen
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