



## Vascular Medicine - Poster Contributions

## Session #1110

## Vascular Medicine: Aortic and Peripheral Artery Diseases

Saturday, April 2, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

207 - Gender-Related Differences in Long-Term Outcomes of Hospital Survivors With Acute Type A Aortic Dissection  
Eduardo Bossone, Hans-Henning Eckstein, Elizabeth Jackson, Sherene Shalhub, Marc Bonaca, Marek Ehrlich, Linda Pape, Rumi Faizer, Gabriel Loor, Toru Suzuki, G. Chad Hughes, Anil Bhan, Alessandro Della Corte, Daniel Montgomery, Eric Isselbacher, Kim Eagle, Christoph A. Nienaber, University of Michigan, Ann Arbor, MI, USA, University of Salerno, Lauro, Italy

208 - Onset of In-Hospital Complications in Acute Type B Aortic Dissections Initially Uncomplicated  
Arnoud Kamman, Alan Braverman, Eduardo Bossone, Thomas Gleason, Toru Suzuki, Reed Pyeritz, Kevin Harris, Hans-Henning Eckstein, Udo Sechtem, Gilbert Upchurch, Kevin Greason, Daniel Montgomery, Eric Isselbacher, Christoph A. Nienaber, Kim Eagle, Santi Trimarchi, University of Michigan, Ann Arbor, MI, USA, IRCCS Policlinico San Donato, Milan, Italy

209 - Frozen Elephant Trunk for Type A Aortic Dissection: Interactions of Transfer Distance, Acuity and Mortality  
Wei-Guo Ma, Long-Fei Wang, Sven Peterss, Wei Zhang, Jun Zheng, Xu-Dong Pan, Yong-Min Liu, Jun-Ming Zhu, John Elefteriades, Li-Zhong Sun, Beijing Anzhen Hospital, Capital Medical University, Beijing, People's Republic of China

211 - Age-Related Risk Factors for Peripheral Arterial Disease Are Not Created Equal  
Aeshita Dwivedi, Mark Adelman, Caron Rockman, Yu Guo, Judy Zhong, Jeffrey Berger, John Dodson, New York University, New York, NY, USA

212 - Demographic Differences in the Interventional Therapy of Acute Aortic Dissection  
Uchenna C. Okoro, Ali Khoynzhad, Marek Ehrlich, Mark Peterson, Anil Bhan, Himanshu Patel, Truls Myrmet, Thomas Gleason, marco Di Eusano, Lori Conklin, Khaled Abdul-Nour, Nathaniel I. Costin, Daniel Montgomery, Teng Lee, Eric Isselbacher, Christoph A. Nienaber, Eduardo Bossone, University of Michigan, Ann Arbor, MI, USA

213 - Sex Differences in Disease Specific Health Status Measures in Patients With Symptomatic Peripheral Arterial Disease  
Mazen Roumia, Herbert Aronow, Peter Soukas, Kensey Gosch, Kim Smolderen, John Spertus, J. Abbott, Brown Medical School, Providence, RI, USA, Mid America Heart Institute, Kansas City, MO, USA

214 - Association Between Sex and Vascular Disease in Different Arterial Beds: A Population Database of Over 3.6 Million People  
Nazir Savji, Caron Rockman, Yu Guo, Adam Skolnick, Harmony Reynolds, Mark Adelman, Judith Hochman, Jeffrey Berger, New York University School of Medicine, New York, NY, USA

215 - Diabetes Mellitus Is a Cardiovascular Disease (CVD) Risk Equivalent for Peripheral Arterial Disease and Carotid Artery Stenosis  
Jonathan Newman, Jeffrey Berger, Caron Rockman, Yu Guo, Howard Weintraub, Arthur Schwartzbard, Mikhail Kosiborod, Mark Adelman, New York University School of Medicine, New York, NY, USA

216 - Ischemic Stroke Rates in New Jersey: Going the Wrong Way?  
Joel Swerdel, George G. Rhoads, William B. Kostis, Jerry Q. Cheng, Nora M. Cosgrove, John B. Kostis, The Cardiovascular Institute at Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA, Rutgers University School of Public Health, Piscataway, NJ, USA

217 - Natural Language Processing to Improve Identification of Peripheral Arterial Disease in Electronic Health Data  
Jon Duke, Monica Chase, Nate Poznanski-Ring, Joel Martin, Rachel Fuhr, Arnaub Chatterjee, Alan Hirsch, Regenstrief Institute, Indianapolis, IN, USA, Merck & Co., Inc., Kenilworth, NJ, USA

218 - Circulating Extracellular miRNA Associated With Peripheral Arterial Disease  
Adam Mitchell, Salim Hayek, Warren Gray, Sheena Thomas, Rooney Kim, Arshed Quyyumi, Charles Searles, Emory University, Atlanta, GA, USA

219 - Characteristics and Outcome in Patients With High Ankle-Brachial-Index  
Kunihiko Shimizu, Takashi Miura, Yasushi Ueki, Masatoshi Minamisawa, Naoyuki Abe, Shinshu University, Matsumoto, Japan

220 - Effectiveness of the Aortic Dissection Detection Risk Score in Diagnosing Low-Risk Patients  
Anna Poteraj, Reed Pyeritz, Udo Sechtem, Himanshu Patel, Eva Kline-Rogers, Fabio Ramponi, Anthony DiScipio, Patroklos Pappas, Santi Trimarchi, Firas F. Mussa, Patrick O'Gara, Daniel Montgomery, Alan Braverman, Christoph A. Nienaber, Eric Isselbacher, Kim Eagle, University of Michigan, Ann Arbor, MI, USA

## Vascular Medicine - Moderated Poster Contributions

## Session #1127M

## Highlighted Basic Science Abstracts in Vascular Medicine 2015

Saturday, April 2, 2016, 10 a.m. - 12 p.m.

Vascular Medicine Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 2 /CNE Hours: 2

10:00 a.m.  
 Early Atheroprotection Through SYK Inhibition Fails in Established Disease When Plaque Macrophages Proliferate  
Andreas Zirlik, Ingo Hilgendorf, Alexandra Lindau, Carmen Haerdtnr, Nathaly Anto Michel, Bianca Dufner, Natalie Hoppe, Peter Libby, Christoph Bode, University Heart Center Freiburg, Freiburg, Germany

10:10 a.m.  
 Question and Answer

10:15 a.m.  
 RNAseq Identifies Differential Expression of Platelet Transcripts in Subjects With Peripheral Artery Disease  
 Emilie Montenont, Tenzin Lhaxhan, Jonathan D. Newman, Edna Bissoon, Matthew Cambria, Maya Rubin, Yajaira Suarez, Adriana Heguy, Aristotelis Tsirigos, Jeffrey S. Berger, NYU School of Medicine, New York, NY, USA

10:25 a.m.  
 Question and Answer

10:30 a.m.  
 Factor Xa Inhibition by Rivaroxaban Attenuates Cardiac Remodeling due to Hypoxic Stress via PAR-2/ERK/NF- $\kappa$ B Signaling Pathway  
Misa Azuma, Fumi Yoshimura, Shota Tanikawa, Shogo Hosako, Ryuji Kato, Yoshio Ijiri, Yasukatsu Izumi, Minoru Yoshiyama, Tetsuya Hayashi, Osaka University of Pharmaceutical Sciences, Takatsuki, Japan, Osaka City University, Osaka, Japan

10:40 a.m.  
 Question and Answer

10:45 a.m.  
 C-Reactive Protein Is Associated With Central and Peripheral Blood Pressure in Whites, but Not in Blacks: The Bogalusa Heart Study  
Camilo Fernandez-Alonso, Nathan Leone, Patrycja Galazka, Rupert Barshop, Azad Hussain, Thomas Giles, Tulane University Health Sciences Center, New Orleans, LA, USA



10:55 a.m.

Question and Answer

11:00 a.m.

Association of Gut Microbiota Dependent Metabolites and Atherosclerosis in HIV

Arjun Sinha, Yifei Ma, Rebecca Scherzer, Sophia Hur, Steven Deeks, Peter Ganz, Priscilla Hsue, University of California at San Francisco, San Francisco, CA, USA

11:10 a.m.

Question and Answer

11:15 a.m.

Alternative Macrophages Promote Intraplaque Angiogenesis and Vascular Permeability in Human Atherosclerosis

Aloke V. Finn, Hirokuni Akahori, Liang Guo, Rohini Polavarapu, Vinit Karmali, Adrienne King, Cheol Choi, Qi Cheng, Hanjoong Jo, Salim Thabet, Frank Kolodgie, Renu Virmani, Emory, Atlanta, GA, USA, CVPPath, Gaithersburg, MD, USA

11:25 a.m.

Question and Answer

11:30 a.m.

Proatherogenic Effects of Renovascular Hypertension Are Completely Resolved After Reversal to Normotension in Mice

Martin Mortensen, Line Nilsson, Tore Larsen, Eirild Espeseth, Marie Bek, Martin Bjørklund, Mette Hagensen, Anne Wolff, Ernst-Martin Füchtbauer, Ebbe Boedtkjer, Jacob Bentzon, Aarhus University, Aarhus, Denmark

11:40 a.m.

Question and Answer

11:45 a.m.

Toll-Like Receptor 4 Function Is Essential for Increasing Oxidative Stress, and Promoting the Inflammation and Glomerular Sclerosis by Angiotensin II

Seiji Umemoto, Tadashi Okamoto, Koichi Yoshimura, Toshihiro Sakumura, Tomoaki Murata, Tohru Fukai, Masafumi Yano, Masunori Matsuzaki, Department of Medicine and Clinical Science, Yamaguchi University Graduate School of Medicine, Ube, Japan, Center for Clinical Research, Yamaguchi University Hospital, Ube, Japan

11:55 a.m.

Question and Answer

ACC Poster Moderator: Umberto Campia

ACC Poster Moderator: Peter Ganz

### Vascular Medicine - Poster Contributions

#### Session #1147

#### Vascular Medicine: New Insights Into Aortic Diseases

Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

207 - Identifying Aortic Aneurysm Syndromes in Pediatric Patients With Aortic Root Dilation

Siddharth Patel, Jennifer Noble, William Suarez, St. Vincent Mercy Children's Hospital, Toledo, OH, USA, University of Toledo, Toledo, OH, USA

208 - The Association of Regional Inflammation of the Aorta Assessed by 18F-Fluorodeoxyglucose Positron Emission Tomography With Systemic Inflammatory and Echocardiographic Indices in Marfan Syndrome

Styliani V. Brili, Evangelos Oikonomou, Nikoletta Pianou, Alexios Antonopoulos, Emmanouil Athanasiadis, Alexandros Georgakopoulos, Gerasimos Siasos, George Spyroy, Pavlos Kafouris, Iosif Cutajar, Constantinos Anagnostopoulos, Dimitris Tousoulis, Cardiology Dpr, Hippokraton Hospital, Athens Medical School, Athens, Greece

209 - Risk Prediction Using 18F-Fluorodeoxyglucose Positron Emission Tomography (FDG-PET) in Patients With Acute Aortic Intramural Hematoma  
Takeshi Kitai, Shuichiro Kaji, Akihito Ohnishi, Go Akamatsu, Ryosuke Murai, Tadaaki Koyama, Michio Senda, Yutaka Furukawa, Kobe City Medical Center General Hospital, Kobe, Japan, Institute of Biomedical Research and Innovation, Kobe, Japan

210 - Head and Neck Pain in Patients Presenting With Acute Aortic Dissection  
Stephen Philip, Emil Missov, Dan Gilon, Stuart Hutchison, Ali Khoynzhad, Arturo Evangelista, Marc Bonaca, Lori Conklin, Jehangir Appoo, Marco Di Eusanio, Alan Braverman, Alberto Forteza, Daniel Montgomery, Christoph A. Nienaber, Eric Isselbacher, Kim Eagle, University of Michigan, Ann Arbor, MI, USA

### Vascular Medicine - Poster Contributions

#### Session #1148

#### Vascular Medicine Basic Biology

Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

211 - A Transgenic Mouse Model Expressing a Novel Single-Chain Enzyme Complex of Cyclooxygenase and Prostacyclin Synthase Exhibits Robust Resistance to Heart Disease and Vascular Assault

Emma Murdoch, Hironari Akasaka, Ke-He Ruan, Department of Pharmacological and Pharmaceutical Sciences, University of Houston, Houston, TX, USA

212 - Evaluation of the Immunogenicity of the Dabigatran Reversal Agent Idarucizumab: Pooled Analysis of Phase I Data

Joanne van Ryn, Stephen Norris, Steven Ramael, Ippei Ikushima, Wouter Haazen, Akiko Harada, Viktoria Moschetti, Susumu Imazu, Paul Reilly, Benjamin Lang, Joachim Stangier, Stephan Glund, Boehringer Ingelheim GmbH & Co. KG, Biberach an der Riß, Germany, Souiseikai Global Clinical Research Center, Sumida Hospital, Tokyo, Japan

213 - HDL Functionality Modulates Carotid Artery Intima-Media Thickness in Individuals With Marked Hyperalphalipoproteinemia

Antonio Laurinavicius, Viviane Rocha, Luiz Bortolotto, Raul Santos, Hospital Israelita Albert Einstein, São Paulo, Brazil, InCor do HC-FMUSP

214 - Three-Dimensional Scaffolds for Efficient Arterial Endothelial Cell Differentiation From Human Induced Pluripotent Stem Cells

Lei Ye, Shi-Hua Tan, Li-Ping Su, Stuart Cook, National Heart Centre Singapore, Singapore, Singapore

215 - Parental Vitamin D Deficiency During Pregnancy Is Associated With Increased Blood Pressure in Offspring via Panx1 Hypermethylation

Laura Meems, Hasan Mahmud, Hendrik Buikema, Jorg Tost, Sven Michel, Janny Takens, Rikst Nynke Verkaik-Schakel, Inge Vreeswijk-Baudoin, Irene Mateo Leach, Torsten Plosch, Rudolf De Boer, University Medical Center Groningen, Groningen, The Netherlands

216 - Counteractive Effects of Neopterin on Atherosclerosis

Remina Shirai, Kengo Sato, Taka-Aki Matsuyama, Shinji Koba, Rena Watanabe, Kaho Watanabe, Takuya Watanabe, Laboratory of Cardiovascular Medicine, School of Life Science, Tokyo, Japan

217 - Inhibition of Either Necroptosis or Autophagy Prevents Ischemia-Reperfusion Injury of Cardiac Graft in the Rat Model of Static Cold Storage

Yuri Dmitriev, Sarkis Minasian, Elena Demchenko, Michael Galagudza, Federal Almazov North-West Medical Research Centre, Saint-Petersburg, Russian Federation, Russian Federation

218 - Differential Expression of NOX2 and NOX4 in Thoracic Aortic Aneurysm Tissue From Patients With Bicuspid or Tricuspid Aortic Valves

Aiham Jbeli, Michael Hagler, Carolyn Roos, Thoralf Sundt, Jordan Miller, Mayo Clinic, Rochester, MN, USA



### 219 - Stimulatory Effects of Fetuin-A on Atherosclerosis

Takuya Watanabe, Rena Watanabe, Yui Takahashi, Miho Kojima, Kaho Watanabe, Remina Shirai, Kengo Sato, Yoshitaka Iso, Taka-Aki Matsuyama, Laboratory of Cardiovascular Medicine, Tokyo University of Pharmacy and Life Sciences, Tokyo, Japan

### 220 - Measures of Adiposity and Oxidative Stress in Young Adults: The Bogalusa Heart Study

Camilo Fernandez-Alonso, Rupert Barshop, Patrycja Galazka, Azad Hussain, Gary Sander, Thomas Giles, Tulane University Health Sciences Center, New Orleans, LA, USA

## Vascular Medicine - Moderated Poster Contributions

### Session #1164M

#### Challenges in the Care of Patients With Peripheral Artery Disease: Right Patient, Right Care, Right Time

Saturday, April 2, 2016, 3:45 p.m. - 4:30 p.m.

Vascular Medicine Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

3:45 p.m.

The Effect of Increase in Post-Exercise Ankle-Brachial Index Among Patients With Normal Resting Results  
Tarek Hammad, William Hiatt, Heather Gornik, Mehdi Shishehbor, Cleveland Clinic, Cleveland, OH, USA

3:55 p.m.

Question and Answer

4:00 p.m.

#### Diagnostic Delays in Type B Aortic Dissections

Thomas Goslinga, James Froehlich, Arturo Evangelista, Kevin Harris, G. Chad Hughes, Firas F. Mussa, Stuart Hutchison, Linda Pape, Mark Peterson, Udo Sechtem, Truls Myrmed, Philippe Steg, Daniel Montgomery, Christoph A. Nienaber, Eric Isselbacher, Kim Eagle, Troy LaBounty, University of Michigan, Ann Arbor, MI, USA

4:10 p.m.

Question and Answer

4:15 p.m.

A Retrospective Analysis of the Interventional Treatment of Atherosclerotic Critical Renal Artery Stenosis: An Algorithm Based Protocol Versus Standard of Care Management

Salman Gohar, Nikki Sood, Timothy Ball, Carilion Clinic, Roanoke, VA, USA

4:25 p.m.

Question and Answer

ACC Poster Moderator: Jay S. Giri

ACC Poster Moderator: Manesh R. Patel

## Vascular Medicine - Oral Contributions

### Session #907

#### Highlighted Original Research: Vascular Medicine and the Year in Review

Sunday, April 3, 2016, 8 a.m. - 9:30 a.m.

Room S101

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Joshua A. Beckman

Co-Chair: Mark A. Creager

8:00 a.m.

Year in Review Speaker

Heather L. Gornik

8:15 a.m.

Efficacy and Safety of Ticagrelor as Long-Term Secondary Prevention in Patients With Prior Myocardial Infarction and Peripheral Artery Disease  
Marc P. Bonaca, Deepak Bhatt, Robert Storey, Philippe Steg, Marc Cohen, Julia Kuder, KyungAh Im, Peter Held, Eva Jensen, Eugene Braunwald, Marc Sabatine, Brigham and Women's Hospital, Boston, MA, USA

8:27 a.m.

Discussion

8:30 a.m.

Clinical Outcomes of Retrievable Inferior Vena Cava Filter Plus Anticoagulation Versus Anticoagulation Alone on High-Risk Patients: A Meta-Analysis

Daniel Garcia, Mohammad Ansari, Rhanderson Cardoso, Cesar Mendoza-Trauco, Larry Diaz-Sandoval, Fadi Saab, Jihad Mustapha, Ochsner Heart and Vascular Institute, New Orleans, LA, USA, Metro Health Heart and Vascular Institute, Wyoming, MI, USA

8:42 a.m.

Discussion

8:45 a.m.

Natural History of Cervical Artery Fibromuscular Dysplasia and Associated Neurovascular Events

Daniella Kadian-Dodov, Judith Goldfinger, Jacqueline Hairston, Jeffrey Olin, Icahn School of Medicine at Mount Sinai, New York, NY, USA

8:57 a.m.

Discussion

9:00 a.m.

Prevalence of Tibial Artery and Pedal Arch Patency by Angiography in Patients With Critical Limb Ischemia and Non-Compressible ABI ( $\geq 1.4$ )  
Mandeep Randhawa, Grant Reed, Kevin Grafmiller, Heather Gornik, Mehdi Shishehbor, Cleveland Clinic Foundation, Cleveland, OH, USA

9:12 a.m.

Discussion

9:15 a.m.

Renal Nerve Stimulation Induced Blood Pressure Changes Are Strongly Correlated With Renal Denervation Induced Changes in 24-Hour Blood Pressure During Follow-Up

Arif Elvan, Mark de Jong, Ahmet Adiyaman, Pim Gal, Jaap Jan Smit, Peter Delnoy, Jan-Evert Heeg, Boudewijn van Hasselt, Elizabeth Lau, Alexandre Persu, Jan Staessen, Anand Ramdat Misier, Jonathan Steinberg, Isala Hospital, Zwolle, The Netherlands

9:27 a.m.

Discussion

## Vascular Medicine - Poster Contributions

### Session #1180

#### Endovascular Therapy: A Potpourri of PVD

Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

207 - Persistent Increase in Blood Pressure Following Renal Nerve Stimulation in Accessory Renal Arteries After Sympathetic Renal Denervation

Arif Elvan, Mark de Jong, Annemiek Hoogerwaard, Pim Gal, Ahmet Adiyaman, Jaap Jan Smit, Peter Delnoy, Anand Ramdat Misier, Boudewijn van Hasselt, Jan-Evert Heeg, Jean-Benoit le Polain de Waroux, Elizabeth Lau, Jan Staessen, Alexandre Persu, Isala hospital, Zwolle, The Netherlands



### 208 - Renal Vascular Calcification and Response to Renal Nerve Denervation in Lowering Blood Pressure

Arif Elvan, Annemiek Hoogerwaard, Mark de Jong, Ahmet Adiyaman, Jaap Jan Smit, Peter Delnoy, Jan-Evert Heeg, Boudewijn van Hasselt, Anand Ramdat Misier, Isala Hospital, Zwolle, The Netherlands

### 209 - Safety and Efficacy of Using Recoil Stents for Treatment of Ischemic Stroke: A Meta-Analysis of RCTs

Daniel Garcia, Mohammad Ansari, Rhanderson Cardoso, Larry Diaz-Sandoval, Fadi Saab, Jihad Mustapha, Ochsner Heart and Vascular Institute, New Orleans, LA, USA, Metro Health Heart and Vascular Institute, Wyoming, MI, USA

### 210 - Clinical Utility and Safety of New Strategy for Patients With Refractory Kawasaki Disease: Single Institution Experience

Ebato Takasuke, Yoshihito Ogihara, Shohei Ogata, Masahiro Ishii, Pediatrics, Kitasato University, Kanagawa, Japan

### 211 - Association of Baseline Renal Dysfunction With Outcomes in Patients Undergoing Popliteal and Infra-Popliteal Percutaneous Peripheral Arterial Interventions

Kesav C. Parvataneni, Chatchawan Piyaskulkaew, Susan Szpunar, Tarun Sharma, Vishal Patel, Patel Saurabhkumar, Thomas Davis, Hiroshi Yamasaki, Howard Rosman, Rajendra Mehta, St. John Hospital and Medical Center, Detroit, MI, USA

### 212 - Acute Outcome, Complications and Long Term Prognosis After Renal Angioplasty in Takayasu Arteritis

Amar N. Patnaik, Bhyravajhala Srinivas, Star Hospitals, Hyderabad, India, Nizam's Institute of Medical Sciences, Hyderabad, India

### 213 - The Use of CO2 Contrast Can Prevent Deterioration of Renal Function for Endovascular Therapy Regardless of Renal Function

Ryuta Sugihara, Yoshio Yasumura, Kazunori Kashiwase, Yoshiharu Higuchi, Akio Hirata, Yuji Nishimoto, Koushi Matsuo, Osaka Police Hospital, Osaka, Japan

### 214 - Ultrasound Accelerated Thrombolysis in Patients With Acute Pulmonary Embolism: A Systematic Review and Proportion Meta-Analysis

Ashraf Mostafa, Alexandros Briasoulis, Fayez Siddiqui, Tesfaye Telila, Sidakpal Panaich, Sagar Mallikethi Lepakshi Reddy, Luis Afonso, Cindy Grines, Wayne State University/Detroit Medical Center, Detroit, MI, USA

## Vascular Medicine - Poster Contributions

### Session #1181

#### Vascular Medicine: Peripheral Artery Disease Physiology and Outcomes

Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

### 215 - High Serum Sortilin Associates With Severe Abdominal Aortic Calcification (AAC) and Cardiovascular Risk in Elderly Men

Claudia Goettsch, Hiroshi Iwata, Joshua D. Hutcheson, Masanori Aikawa, Pawel Sulz, Elena Aikawa, Brigham and Women's Hospital, Boston, MA, USA

### 216 - Mechanisms of Hypertension Following Vascular Endothelial Growth Factor Inhibition: The Hypaz Trial

Lucy Yang, Adam McGeoch, Annette Hubsch, Parag Gajendragadkar, Carmel McEniery, Fraz Mir, Kaisa Maki-Petaja, Nicola Ramenatte, Gayathri Anandappa, Simon Bond, Ian Wilkinson, Duncan Jodrell, Joseph Cheriyan, Cambridge University Hospitals, Cambridge, United Kingdom, University of Cambridge, Cambridge, United Kingdom

### 217 - The Role of Epoxyeicosatrienoic Acids in Regulating Endothelial Function and the Effects of a Novel Soluble Epoxide Hydrolase Inhibitor GSK2256294 in Humans

Lucy Yang, Joseph Cheriyan, Aili Lazaar, Kaisa Maki-Petaja, Ian Wilkinson, University of Cambridge, Cambridge, United Kingdom

### 218 - Temporal Trends and Complications Associated With Lower Limb Revascularization in Patients on Dialysis

Pranav Sandilya Garimella, Poojitha Balakrishnan, Narender Annappureddy, Achint Patel, Shanti Patel, Shiv Kumar Agarwal, Girish Nadkarni, Tufts Medical Center, Boston, MA, USA, Mount Sinai School of Medicine, New York, NY, USA

### 219 - Human Microvascular Endothelial Dysfunction Induced by Amyloidogenic Medin Protein

Raymond Q. Migrino, Seth Truran, Nina Karamanova, Daniel Franco, Hannah A. Davies, Camelia Burciu, Jill Madine, Phoenix Veterans Affairs Health Care System, Phoenix, AZ, USA, University of Liverpool, Liverpool, United Kingdom

### 220 - Gender, Depression, Anxiety and Carotid Intima: Media Thickness and the Influence of Lipids

Elizabeth A. Ellins, Aled Rees, John E. Deanfield, Eric J. Brunner, Julian Halcox, Swansea University, Swansea, United Kingdom, UCL, London, United Kingdom

## Vascular Medicine - Moderated Poster Contributions

### Session #1198M

#### Optimizing Care in Patients With Pulmonary Embolism

Sunday, April 3, 2016, 9:45 a.m. - 10:30 a.m.

Vascular Medicine Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

Role of Inferior Vena Cava Filters in Patients Undergoing Catheter-Based Treatment of Acute Pulmonary Embolism: A Comprehensive Meta-Analysis  
Pankaj Arora, Rajat Kalra, Navkaranbir Bajaj, Sameer Ather, Jason Guichard, William Lancaster, Fabio Raman, Garima Arora, Donald Clark, David McGiffin, Mustafa Ahmed, University of Alabama at Birmingham, Birmingham, AL, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Association of High Clot Burden in Pulmonary Embolism With Right Heart Strain and Immediate Adverse Clinical Events

Praveen Hariharan, David Dudzinski, Rachel Rosovsky, Peter MacMahon, Faris Haddad, Ikenna Okechukwu, Blair Parry, Yuchiao Chang, Christopher Kabrhel, Massachusetts General Hospital, Boston, MA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Mortality Outcomes for Surgical Pulmonary Embolectomy for High-Risk Pulmonary Embolism: A Comprehensive Meta-Analysis

Rajat Kalra, Navkaranbir Bajaj, Sameer Ather, Jason Guichard, William Lancaster, Fabio Raman, William A. Crosland, Pankaj Arora, Garima Arora, Donald Clark, David McGiffin, Mustafa Ahmed, University of Alabama at Birmingham, Birmingham, AL, USA

10:25 a.m.

Question and Answer

ACC Poster Moderator: Soo Hyun Kim

ACC Poster Moderator: Ido Weinberg



### Vascular Medicine - Scientific Session

#### Session #679

#### Debates in Endovascular Therapy: Intervention for Cerebrovascular Disease

Sunday, April 3, 2016, 10:45 a.m. - 12:15 p.m.

Room S101

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Alex Abou-Chebl

Co-Chair: Herbert D. Aronow

10:45 a.m.

Debate: CREST 2 will Inform the Management of Asymptomatic Carotid Stenosis (Pro)

Thomas Brott

10:57 a.m.

Debate: CREST 2 will Inform the Management of Asymptomatic Carotid Stenosis (Con)

Kenneth Rosenfield

Boston, MA

11:09 a.m.

Debate: Acute Intervention Will Revolutionize the Care of Acute Ischemic Stroke Patients (Pro)

Alex Abou-Chebl

Louisville, KY

11:21 a.m.

Debate: Acute Intervention Will Revolutionize the Care of Acute Ischemic Stroke Patients (Con)

Peter Schneider

Honolulu, HI

11:33 a.m.

Debate: Acute Stroke Intervention Will Only Become Widely Available in US With Participation of Interventional Cardiology (Pro)

Jay S. Yadav

Atlanta, GA

11:45 a.m.

Debate: Acute Stroke Intervention Will Only Become Widely Available in US With Participation of Interventional Cardiology (Con)

Mark J. Alberts

Dallas, TX

11:57 a.m.

Panel Discussion

Panelist: Mark J. Alberts

Panelist: Thomas Brott

Panelist: Stephen R. Ramee

Panelist: Kenneth Rosenfield

Panelist: Peter Schneider

Panelist: Jay S. Yadav

### Vascular Medicine - Scientific Session

#### Session #693

#### Delivering High Value Vascular Care in 2016

Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

Room S101

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Jonathan L. Halperin

Co-Chair: Michele L. Yeadon

12:30 p.m.

ACC-Talk: When PVI Meets the Media and MEDCAC

Herbert D. Aronow

12:45 p.m.

How Guidelines and AUC Shape Vascular Care

Jonathan L. Halperin

New York, NY

12:57 p.m.

What We Have Learned About Quality Gaps From Vascular Registries

Thomas T. Tsai

Lafayette, CO

1:09 p.m.

Getting From Guideline to Everyday Practice in Vascular Medicine and Intervention

James B. Froehlich

Ann Arbor, MI

1:21 p.m.

Smartphones and Wearable Technologies in Advancing Vascular Care: Fitbit and Beyond

Elizabeth A. Jackson

Ann Arbor, MI

1:33 p.m.

COCATS-4 as the Blueprint for Training the Next Generation of Vascular Specialists

Mark A. Creager

Lebanon, NH

### Vascular Medicine - Moderated Poster Contributions

#### Session #1209M

#### Lower Extremity Peripheral Artery Disease: Endovascular Treatments and Outcomes

Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

Vascular Medicine Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Clinical Effects of Single or Double Tibial Artery Revascularization in Patients With Critical Limb Ischemia With Tissue Loss

Norihiro Kobayashi, Keisuke Hirano, Yoshiaki Ito, Masahiro Yamawaki, Motoharu Araki, Saiseikai Yokohama-City Eastern Hospital, Yokohama, Japan

12:40 p.m.

Question and Answer

12:45 p.m.

The Association Between Ankle Brachial Index and 10 Years Cardiovascular Events in Hemodialysis Patients: From IMPACT-ABI Registry

Tomoaki Mochidome, Kunihiro Shimizu, Wataru Shoin, Mikiko Harada, Yasushi Ueki, Koji Yoshie, Masatoshi Minamisawa, Yasutaka Oguchi, Naoto Hashizume, Hitoshi Nishimura, Naoyuki Abe, Takashi Miura, Soichiro Ebisawa, Takahiro Takeuchi, Hirohiko Motoki, Ayako Okada, Yuji Shiba, Atsushi Izawa, Jun Koyama, Uichi Ikeda, Shinshu University, Department of Cardiovascular Medicine, Matsumoto, Japan

12:55 p.m.

Question and Answer





1:00 p.m.

Technical Efficacy of Ultrasound-Guided Tibial Artery End Vascular Interventions for Chronic Total Occlusion Lesions in Critical Limb Ischemia  
**Kenji Makino**, Yoshiaki Ito, Keisuke Hirano, Masahiro Yamawaki, Motoharu Araki, Norihiro Kobayashi, Hideyuki Takimura, Yasunari Sakamoto, Shinsuke Mori, Masakazu Tsutsumi, Takuro Takama, Hiroya Takafuji, Yohsuke Honda, Takahiro Tokuda, Saiseikai Yokohama City Eastern Hospital, Yokohama, Japan

1:10 p.m.

Question and Answer

1:15 p.m.

Direct Procedure Cost and 30-Day Outcomes of Drug-Coated Balloon Use in Femoropopliteal Intervention: Insights From the XLPAD Registry  
**Haekyung Jeon-Slaughter**, Atif Mohammad, Donald Haagan, Shirling Tsai, Emmanouil Brilakis, Subhash Banerjee, University of Texas Southwestern Medical Center, Dallas, TX, USA, VA North Texas Health Care System, Dallas, TX, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Meta-Analysis of Drug-Coated Balloon Versus Standard Balloon Angioplasty for Treatment of Infrapopliteal Lesions in Critical Limb Ischemia  
**Daniel Garcia**, Mohammad Ansari, Rhanderson Cardoso, Cesar Mendoza-Trauco, Larry Diaz-Sandoval, Fadi Saab, Jihad Mustapha, Ochsner Heart and Vascular Institute, New Orleans, LA, USA, Metro Health Heart and Vascular Institute, Wyoming, MI, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: Beau Michael Hawkins

ACC Poster Moderator: Khusrow Niazi

**Vascular Medicine - Poster Contributions****Session #1228****Vascular Medicine: Achieving Quality Outcomes in Vascular Disease Patients**

Sunday, April 3, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

207 - Rate and Predictors for Limb Revascularization and Amputation After Diagnosis of Peripheral Arterial Disease: A Community-Based Study  
**Homam Moussa Pacha**, Iftikhar Kullo, Manju Kalra, Bradley Lewis, Christopher Scott, Adelaide Arruda-Olson, Mayo Clinic, Rochester, MN, USA

208 - National Trends and Outcomes in Dialysis Requiring Acute Kidney Injury After Coronary Artery Bypass Grafting

**Achint A. Patel**, **Bhavi Pandya**, Girish Nadkarni, Parisha Bhatia, Amit Pawale, Pranav Garimella, Ruben Kandov, James Lafferty, Suzanne El-Sayegh, Icahn School of Medicine at Mount Sinai, New York, NY, USA, Staten Island University Hospital, Staten Island, NY, USA

209 - Utility of External Carotid Velocity Progression for Risk Stratification in Asymptomatic Carotid Stenosis: Hiding in Plain Sight

**Reza Masoomi**, Zubair Shah, Karthik Vamanan, Buddhadeb Dawn, Kamal Gupta, The University of Kansas Medical Center, Kansas City, KS, USA

210 - Effects of Statin Therapy on Arterial Stiffness: A Systematic Review and Meta-Analysis of Randomized Controlled Trial

**Sikarin Upala**, Anawin Sanguankeo, Bassett Medical Center, Cooperstown, NY, USA, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand

**Vascular Medicine - Poster Contributions****Session #1229****Fundamental Vascular Biology**

Sunday, April 3, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

211 - Molecular Signaling Pathways in a Spatiotemporal 3D Environment for Endothelial Cell Differentiation From Human Induced Pluripotent Stem Cells  
**Andrew Zhang**, Amy Feng, Jianyi Zhang, University of Minnesota Medical School, Minneapolis, MN, USA

212 - Rho-Associated Protein Kinase/Myocardin/Serum Response Factor Pathway Regulates Aortic Stiffness in Spontaneously Hypertensive Rat  
**Ning Zhou**, Hongyu Qiu, Loma Linda University, Loma Linda, CA, USA, Tongji Hospital, Huazhong University of Science and Technology, Wuhan

213 - Identification of the Two-Phase Mechanism of Endogenous Omega-6 Fatty Acid, Arachidonic Acid, Regulating Vascular Inflammation by Targeting Cyclooxygenase-2 and Microsomal Prostaglandin E2 Synthase-1  
**Hironari Akasaka**, Ke-He Ruan, University of Houston, Houston, TX, USA

214 - Cilostazol Improves Proangiogenesis Functions in Human Early Endothelial Progenitor Cells and Hybrid Therapy Provides a Synergistic Effect in Hindlimb Ischaemia Through Stromal Cell-Derived Factor System  
**Ting-Hsing Chao**, Yi-Heng Li, Shih-Ya Tseng, National Cheng Kung University Hospital, Tainan, Taiwan, ROC

215 - Eicosapentaenoic Acid and Atorvastatin Active Metabolite, Alone or in Combination, Reversed Glucose- and Oxidized LDL-Induced Endothelial Dysfunction Measured Ex Vivo in Rats  
**R. Preston Mason**, Robert F. Jacob, Hazem Dawoud, Michael R. Wagner, Farina J. Mahmud, Samuel C.R. Sherratt, Tadeusz Malinski, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA, Elucida Research LLC, Beverly, MA, USA

216 - Amlodipine Increases Nitric Oxide Release in Endothelial Cells Collected From Donors of Different Races and eNOS Gene Variants  
**R. Preston Mason**, Robert F. Jacob, Hazem Dawoud, Michael R. Wagner, Farina J. Mahmud, Tadeusz Malinski, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA, Elucida Research LLC, Beverly, MA, USA

217 - Association Between Anti-Citrullinated Protein Antibodies and Long-Term Mortality in Patients With ST-Segment Elevated Myocardial Infarction  
**Maike Hermans**, Daniel van der Velden, Tom Huizinga, Johan Kuiper, Rene Toes, Martin Schlij, Johan Jukema, Diane van der Woude, Leiden University Medical Center, Leiden, The Netherlands

218 - Recombinant Thrombomodulin Modulates Autophagy in Endothelial Cells and Provides Anti-Atherosclerosis Effect  
**Yi-Heng Li**, Ting-Hsing Chao, Hsing-Chun Chung, Kuo-Hao Chiang, National Cheng Kung University Hospital and College of Medicine, Tainan, Taiwan, ROC

219 - A Novel IgG Autoantibody, LO9, Reacts Specifically With Adherent Low Density Lipoprotein (LDL), Targets LDL in Atherosclerosis In Vivo and Stimulates Macrophage TNF $\alpha$  Release  
**Ramzi Yousef Khamis**, Kevin Woollard, Chiari Kojima, Mikhail Caga-Anan, Gareth Hyde, Chang Shang-Hung, Oliver Gale-Grant, Michael Johns, Joseph Boyle, Jason Johnson, Dorian Haskard, Imperial College London, London, United Kingdom

220 - Association of T-Cell Activation and Inflammation With Endothelial Dysfunction in HIV  
**Arjun Sinha**, Yifei Ma, Rebecca Scherzer, Sophia Hur, Steven Deeks, Peter Ganz, Priscilla Hsue, University of California at San Francisco, San Francisco, CA, USA



### Vascular Medicine - Scientific Session

#### Session #708

#### Controversies in the Management of Aortic Dissection

Sunday, April 3, 2016, 2 p.m. - 3:30 p.m.

Room S101

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Joseph E. Bavaria

Co-Chair: Mark G. Davies

2:00 p.m.

ACC-Talk: The Horizon for Acute Type A Dissection

Joseph E. Bavaria

2:20 p.m.

Debate: Is Acute Type B Aortic Dissection Suitable for Endovascular Repair?

(For Endo Repair)

Christoph A. Nienaber

Rostock, Germany

2:30 p.m.

Debate: Is Acute Type B Aortic Dissection Suitable for Endovascular Repair?

(Against Endo Repair)

John A. Elefteriades

New Haven, CT

2:40 p.m.

Rebuttal: For Endo Repair

2:42 p.m.

Rebuttal: Against Endo Repair

2:44 p.m.

Panel Discussion With Audience

Panelist: Christoph A. Nienaber

Panelist: John A. Elefteriades

2:54 p.m.

Vote

2:55 p.m.

Debate: Chronic Type B Dissections Should Always Be Treated (For Endo)

Mark A. Farber

Chapel Hill, NC

3:05 p.m.

Debate: Chronic Type B Dissections Should Always Be Treated (For Open)

Vinod H. Thourani

Atlanta, GA

3:15 p.m.

Rebuttal: For Endo

3:17 p.m.

Rebuttal: For Open

3:19 p.m.

Panel Discussion With Audience

Panelist: Mark A. Farber

Panelist: Vinod H. Thourani

3:29 p.m.

Vote

### Vascular Medicine - Moderated Poster Contributions

#### Session #1243M

#### Best Anticoagulant Practices in Complex Venous Thromboembolism

Sunday, April 3, 2016, 3:45 p.m. - 4:30 p.m.

Vascular Medicine Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

3:45 p.m.

SAME-TT2R2 Predicts Quality of Anticoagulation in Patients With Venous Thromboembolism: The MAQI2 Experience

Akash Kataruka, Xiaowen Kong, Brian Haymart, Eva Kline-Rogers, Steve Almany, Jay Kozlowski, Gregory D. Krol, Scott Kaatz, James Froehlich, Geoffrey Barnes, University of Michigan, Ann Arbor, MI, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Hospitalizations, Recurrent Venous Thromboembolism or Venous Thromboembolism-Related Death, and Major Bleeding, by Index Event From the a.m.PLIFY Trial

Theodore Lee, Cristina Masseria, Andrei Breazna, Gregory DiRusso, Melissa Hamilton, Ruslan Horblyuk, Jack Mardekian, Anthony Porcari, Alexander (Ander) Cohen, Pfizer Inc, New York, NY, USA, Bristol-Meyers Squibb Inc, Princeton, NJ, USA

4:10 p.m.

Question and Answer

4:15 p.m.

Rivaroxaban Compared to Low Molecular Weight Heparin in Treatment of Malignancy Associated Venous Thromboembolism

Robert D. McBane, Benjamin Simmons, Rayya Saadiq, Waldemar Wysokinski, Dalene Bott-Kitslaar, Charles Lenz, Paul Daniels, Kevin Cohoon, Aneel Ashrani, Charles Loprinzi, Mayo Clinic, Rochester, MN, USA

4:25 p.m.

Question and Answer

ACC Poster Moderator: John R. Bartholomew

ACC Poster Moderator: Gregory Piazza

### Vascular Medicine - Scientific Session

#### Session #722

#### Optimal Medical Therapy for Patients With Peripheral Artery

#### Disease: Defining the Edge of Our Knowledge Base

Sunday, April 3, 2016, 4:45 p.m. - 6 p.m.

Room S101

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Alan T. Hirsch

Co-Chair: Mary M. McDermott

4:45 p.m.

Case Presentation: Life and Limb - PAD Antithrombotic Pharmacologic Strategies

Antonio Gutierrez

4:50 p.m.

Evidence Review

Joshua A. Beckman

Nashville, TN

4:58 p.m.

Question and Answer



5:03 p.m.

Case Presentation: Claudication Interventional Care Redefined  
Talwinderdeep S. Kahlon  
Harrisburg, PA

5:08 p.m.

Evidence Review  
Alan T. Hirsch  
Minneapolis, MN

5:16 p.m.

Question and Answer

5:21 p.m.

Case Presentation: Non-Healing Venous Wounds: Know the Evidence to Avoid Treatment in Vein  
Grant W. Reed  
Broadview Heights, OH

5:26 p.m.

Evidence Review  
Teresa Carman  
Cleveland, OH

5:34 p.m.

Question and Answer

5:39 p.m.

Case Presentation: I Survived My Aortic Dissection. Now, How Do I Survive?  
Yogendra Kanthi  
Washington, DC

5:44 p.m.

Evidence Review  
Eric M. Isselbacher  
Boston, MA

5:52 p.m.

Question and Answer

### Vascular Medicine - International Session

#### Session #519

**Management of Aortic Diseases: Implementing the Guidelines Into Practice: A Clinical Case-Based Symposium: International Perspectives From the European Society of Cardiology and the American College of Cardiology**

**Monday, April 4, 2016, 8 a.m. - 9:30 a.m.**

**Room N427ab**

**CME Hours: 1.5 /CNE Hours: 0**

Co-Chair: Fausto J. Pinto

Co-Chair: Patrick T. O'Gara

8:00 a.m.

A Case of Acute Aortic Dissection  
Eduardo Bossone

8:23 a.m.

A Case of Chronic Aortic Dissection  
Kim A. Eagle  
Ann Arbor, MI

8:45 a.m.

A Case of Aortic Dilatation With Bicuspid Aortic Valve  
Jae K. Oh  
Rochester, MN

9:07 a.m.

A Case of Aortic Dilatation in Marfan Syndrome  
Guillaume Jondeau  
Paris, France

### Vascular Medicine - Scientific Session

#### Session #731

**Thoracic Aortic Disease - State of the Art: Joint Symposium of the Society of Thoracic Surgeons and the American College of Cardiology**  
**Monday, April 4, 2016, 8 a.m. - 9:30 a.m.**

**Grand Ballroom S100bc**

**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Nicholas Kouchoukos

Co-Chair: Christiaan J. Vrints

8:00 a.m.

Etiology/Pathogenesis of Aortic Aneurysms and Dissections  
Linda A. Pape

8:15 a.m.

Update on Medical Therapies for Aortic Aneurysms  
Eric M. Isselbacher  
Boston, MA

8:30 a.m.

Indications for Thoracic Aortic Replacement  
John A. Elefteriades  
New Haven, CT

8:45 a.m.

Aortic Root Replacement Options and Results  
Leonard N. Girardi  
New York, NY

9:00 a.m.

Open Aortic Arch Replacement Using Moderate Hypothermia and Antegrade Cerebral Perfusion  
Bradley Leshnower  
Atlanta, GA

9:15 a.m.

Thoracic Endografting for Type B Aortic Dissection  
Grayson Wheatley  
Philadelphia, PA

### Vascular Medicine - Scientific Session

#### Session #732

**VTE Battle Royale: Controversies in PE and DVT Management**  
**Monday, April 4, 2016, 8 a.m. - 9:30 a.m.**

**Room S101**

**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Heather L. Gornik

Co-Chair: Gregory Piazza

8:00 a.m.

Debate: PERT: Good Idea but Does It Improve Outcomes? (Pro)  
Kenneth Rosenfield

8:08 a.m.

Debate: PERT: Good Idea but Does It Improve Outcomes? (Con)  
Joshua A. Beckman  
Nashville, TN





8:16 a.m.

ARS Polling - Debate: PERT: Good Idea but Does It Improve Outcomes?

Gregory Piazza

Boston, MA

8:22 a.m.

Debate: Pharmacomechanical Therapy for DVT (Pro)

Riyaz Bashir

Philadelphia, PA

8:30 a.m.

Debate: Pharmacomechanical Therapy for DVT (Con)

Teresa Carman

Cleveland, OH

8:38 a.m.

ARS Polling - Debate: Pharmacomechanical Therapy for DVT

Gregory Piazza

Boston, MA

8:44 a.m.

Debate: Extended Anticoagulation for Unprovoked VTE (Pro)

Gregory Piazza

Boston, MA

8:52 a.m.

Debate: Extended Anticoagulation for Unprovoked VTE (Con)

John R. Bartholomew

Cleveland, OH

9:00 a.m.

ARS Polling - Debate: Extended Anticoagulation for Unprovoked VTE

Gregory Piazza

Boston, MA

9:06 a.m.

Debate: IVC Filters for Submassive PE (Pro)

Ido Weinberg

Boston, MA

9:14 a.m.

Debate: IVC Filters for Submassive PE (Con)

Victor F. Tapson

Beverly Hills, CA

9:22 a.m.

ARS Polling - Debate: IVC Filters for Submassive PE

Gregory Piazza

Boston, MA

**Vascular Medicine - Poster Contributions****Session #1259****Endovascular Therapy: The Aorta and Beyond****Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.****Poster Area, South Hall A1****CME Hours: 0.75 /CNE Hours: 0.75**

207 - Intravascular Ultrasound Arterial Measurements Predict Vascular Access Site Complications in Transfemoral Aortic Valve Replacement  
Juliet Blakeslee-Carter, David Dexter, Paul Mahoney, Sadaf Sadie Ahanchi, Samuel Steerman, Brandon Cain, Jean Panneton, Eastern Virginia Medical School, Norfolk, VA, USA

208 - Relative Efficacy and Safety of Endovascular Revascularization Therapies for Infrapopliteal Arterial Disease: A Bayesian Network Meta-Analysis  
Sukhchain Singh, Mukesh Singh, Navsheen Grewal, Sandeep Khosla, Ingalls Memorial Hospital, Harvey, IL, USA, Mount Sinai Medical Center, Chicago, IL, USA

209 - One-Wire-Technique: First Experiences With a Novel Technique for Endovascular Repair of the Ascending Aorta in Acute Type A Aortic Dissections Using a Combined Transapical and Transfemoral Approach  
Philippe Grieshaber, Nadine Nink, Dursun Guenduez, Peter Roth, Coskun Orhan, Meshal Elzien, Bernd Niemann, Andreas Böning, Ahmed Koshty, Giessen University Hospital, Department of Adult and Pediatric Cardiovascular Surgery, Giessen, Germany

210 - Frequency and Predictors of Wound Formation in Rutherford Category 4 Patients After Endovascular Therapy  
Shirai Shigemitsu, Yoshiaki Ito, Tsuyoshi Sakai, keisuke hirano, Masahiro Yamawaki, Motoharu Araki, Norihiro Kobayashi, Hideyuki Takimura, Yasunari Sakamoto, Shinsuke Mori, Masakazu Tsutsumi, Takuro Takama, Hiroya Takafuji, Takashi Maruyama, Yohsuke Honda, Kenji Makino, Takahiro Tokuda, Saiseikai Yokohama City Eastern Hospital, Yokohama City, Japan

211 - Outcomes After External Physical Compression Versus Vascular Clouse Device Use After Peripheral Vascular Intervention via Femoral Approach  
Daniel Ortiz, Maharaj Singh, Suhail Allaqaband, Tanvir Bajwa, Mark W. Mewissen, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

212 - The Adjunctive Use of Angio-Seal in Femoral Vascular Closure Following Percutaneous Transcatheter Aortic Valve Replacement  
Sarkis Kiramijyan, Marco Magalhaes Pereira, Itsik Ben-Dor, Edward Koifman, Ricardo Escarcega Alarcon, Nevin Baker, Smita Negi, Romain Didier, Won Yu Kang, Sa'ar Minha, Rebecca Torguson, Petros Okubagzi, Nelson Bernardo, Lowell Satler, Augusto Pichard, Ron Waksman, MedStar Washington Hospital Center, Washington, D.C., DC, USA

213 - Impact of Ultrasound Follow-Up to Manage In-Stent Restenosis in Femoropopliteal Artery  
Atsushi Tosaka, Yoshimitsu Soga, Seiichi Hiramori, Kimihiro Osada, Akira Miyabe, Ryuma Ishihara, Yuriko Sato, Taisuke Mizumura, Yoichi Sugimura, Kawakita General Hospital, Tokyo, Japan, Kokura Memorial Hospital, Fukuoka, Japan

214 - Psoas Muscle Area Predicts Post-Operative Mortality in Older Adults Undergoing Endovascular or Open Aortic Aneurysm Repair  
Laura Drudi, Kim Phung, Matthew Ades, Jesse Zukerman, Louis Mullie, Kristoff Nelson, Samuel Mamane, Mark Levental, Cherrie Abraham, Daniel I. Obrand, Jonathan Afilalo, Jewish General Hospital, Montreal, Canada

**Vascular Medicine - Poster Contributions****Session #1260****Vascular Medicine: New Risk Predictors for Arterial Disease****Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.****Poster Area, South Hall A1****CME Hours: 0.75 /CNE Hours: 0.75**

215 - Left Axis Deviation as a Risk Marker in Patients Without Ischemic Heart Disease  
John Pantazopoulos, Alice David, Nora M. Cosgrove, John B. Kostis, For the Myocardial Infarction Data Acquisition System (MIDAS) Study Group, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

216 - Lipoprotein-Associated Phospholipase A2 Levels Are Associated With Endothelial Function and Arterial Stiffness in Patients With Stable Coronary Artery Disease  
Gerasimos Siasos, Evangelos Oikonomou, Marina Zaromitidou, Sotirios Tsalamandris, Konstantinos Mourouzis, Antigoni Miliou, Georgios Georgiopoulos, Alexis Antonopoulos, Eleni Kokkou, Christina Mpiri, George-Angelo Papamikroulis, Manolis Vavuranakis, Dimitris Tousoulis, 1st Department of Cardiology, 'Hippokraton' Hospital, University of Athens Medical School, Athens, Greece



217 - Impairment of Aortic Elastic Properties and Elevated Circulating Levels of Transforming Growth Factor-Beta in Subjects With Repaired Coarctation of Aorta

Styliani V. Brili, Alexis Antonopoulos, Evangelos Oikonomou, Aimilios Kalampogias, Konstantinos Mourouzis, Symeon Mavroudeas, Marina Zaromytidou, Evangelos K. Ekonomou, Gerasimos Siasos, Petros Nihoyannopoulos, Dimitris Tousoulis, Cardiology Dpt, Hippokration Hospital, Athens Medical School, Athens, Greece

218 - Fibrinogen Response to Stress Is Associated With Future Endothelial Function

Elizabeth A. Ellins, D. Aled Rees, John E. Deanfield, Andrew Steptoe, Julian Halcox, Swansea University, Swansea, United Kingdom, UCL, London, United Kingdom

219 - Impact of Brachial-Ankle Pulse Wave Velocity on Long-Term Cardiovascular Events: Results From IMPACT-ABI Registry

Yasushi Ueki, Takashi Miura, Wataru Shoin, Kunihiro Shimizu, Mikiko Harada, Tomoaki Motidome, Koji Yoshie, Masatoshi Minamisawa, Yasutaka Oguchi, Naoto Hashizume, Hitoshi Nishimura, Naoyuki Abe, Soichiro Ebisawa, Hirohiko Motoki, Ayako Okada, Yuji Shiba, Atsushi Izawa, Jun Koyama, Uichi Ikeda, Department of Cardiovascular Medicine, Shinshu University School of Medicine, Matsumoto, Japan

220 - Coronary Artery Calcium Score as a Predictor for Incident Ischemic Stroke: Systematic Review and Meta-Analysis

Kongkiat Chaikriangkrai, Hye Yeon Jhun, Anusha Sunkara, Faisal Nabi, John Mahmarian, Su Min Chang, University of Iowa Hospital and Clinics, Iowa City, IA, USA, Methodist DeBakey Heart & Vascular Center, Houston, TX, USA

#### Vascular Medicine - Moderated Poster Contributions

##### Session #1278M

##### Basic Mechanisms of Atherogenesis

Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.

Vascular Medicine Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

BMI-Dependent Effects of Adipose Tissue Exosomes on Human Macrophage Cholesterol Transport Gene Expression

Allison B. Reiss, Joshua DeLeon, Iryna Voloshyna, Sarah Ferrante, Nicolle Siegart, Ashley Barlev, Michael Littlefield, Michael Salama, Lora J. Kasselman, Robert J. Freishtat, Winthrop University Hospital, Mineola, NY, USA, George Washington University School of Medicine, Washington, DC, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Defining the Mechanism of Lp(a) Lowering by Alirocumab in Transgenic Mouse Models

Calvin Yeang, Phuong Miu, Simone Green, Xiaohong Yang, Ming Yow Hung, Joseph Witztum, Sotirios Tsimikas, UCSD, San Diego, CA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Additional Copy of ABCG1 Rather Than miR-155 Contributes to the Low Incidence of Atherosclerosis in Down Syndrome

Ya-Jun Zhang, Guo-Dong Yang, Xiao-Zhao Lu, Jing Ma, Li-Jun Yuan, Department of Ultrasound, Tangdu Hospital, Fourth Military Medical University, Xi'an, People's Republic of China, Department of Biochemistry and Molecular Biology, Fourth Military Medical University, Xi'an, People's Republic of China

10:25 a.m.

Question and Answer

ACC Poster Moderator: Jeffrey S. Berger

ACC Poster Moderator: Natalie Evans

#### Vascular Medicine - Scientific Session

##### Session #749

##### Critical Limb Ischemia: A Monumental Challenge on Which We Are Gaining Ground One Step at a Time

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S101

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Michael S. Conte

Co-Chair: Michael R. Jaff

10:45 a.m.

ACC-Talk: CLI in Perspective: Scope, Assessment, Treatment, Prognosis  
Michael R. Jaff

11:00 a.m.

Debate: Who Needs BEST-CLI When We Know That Endovascular-First Is the Way to Go!

Mehdi H. Shishehbor  
Cleveland, OH

11:12 a.m.

Debate: BEST-CLI Will Demonstrate That CLI Favors Surgical Therapy

Michael S. Conte  
San Francisco, CA

11:24 a.m.

Do Drug-Coated Balloons Improve CLI Outcomes?

Francesco Liistro  
Milan, Italy

11:36 a.m.

Life After CLI: Regaining Ambulation Requires a Team

Mary M. McDermott  
Chicago, IL

11:48 a.m.

"...Hide It Under a Dressing!" Top 3 Tips for CLI Wound-Care to Defy a Stereotype Punchline

David G. Armstrong  
Tucson, AZ

12:00 p.m.

Panel Discussion

Panelist: David G. Armstrong

Panelist: Michael S. Conte

Panelist: Michael R. Jaff

Panelist: Francesco Liistro

Panelist: Mary M. McDermott

Panelist: Mehdi H. Shishehbor

#### Vascular Medicine

##### Session #829

##### Core Curriculum: Preventing Strokes, Amputation and Disability

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room N426

CME Hours: 1.25 /CNE Hours: 0

Chair: Michael R. Jaff



12:30 p.m.

Risk Factor Management or Revascularization to Prevent Strokes: Illustrative Cases

Soo Hyun Kim  
Avon, OH

12:50 p.m.

Modern Evidence Based Approaches to Help Patients Stop Smoking

Augustus Hough  
West Palm Beach, FL

1:10 p.m.

Catheter-Based Therapy or Risk Factor Management to Reduce Leg Claudication?

Sahil A. Parikh  
Cleveland, OH

1:30 p.m.

Question and Answer

### Vascular Medicine - Moderated Poster Contributions

#### Session #1289M

#### Managing Risk in Patients With Peripheral Artery Disease: Insights From Trials, Registries, and Databases

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Vascular Medicine Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Nationwide Trends of Surgical and Endovascular Revascularization Procedures for Hospital Admission, Cost Utilization, All-Cause Mortality, and Major Amputation Among Adults With Critical Limb Ischemia From 2003-2012

Shikhar Agarwal, Karan Sud, Mehdi Shishehbor, Cleveland Clinic, Cleveland, OH, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Edoxaban Versus Warfarin in 841 Patients With Atrial Fibrillation and Peripheral Arterial Disease: Insights From the ENGAGE AF-TIMI 48 Trial

Jonathan Cunningham, Robert Giugliano, Eugene Braunwald, Marco Trevisan, Francesco Nordio, Ton Oude Ophuis, Mijo Bergovec, Michele Mercuri, Christian Ruff, Marc Bonaca, Brigham and Women's Hospital, Boston, MA, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Association Between Patient Characteristics and Baseline Health Status Among an International Cohort of Claudicants: An Analysis From the Patient-Centered Outcomes Related to Treatment Practices in Peripheral Arterial Disease: Investigating Trajectories (PORTAIT) Registry

Adam MacArthur Noyes, J. Abbott, Kensey Gosch, Kim Smolderen, John Spertus, Omar Hyder, Peter Soukas, Mehdi Shishehbor, Herbert Aronow, Brown University, Providence, RI, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Polyvascular Disease, Diabetes Mellitus and Long-Term Vascular Risk: Insights From the IMPROVE-IT TIMI 40 Trial

Antonio Gutierrez, Marc Bonaca, Christopher Cannon, Robert Giugliano, Jeong-Gun Park, Jennifer A. White, Andrew Tershakovec, Eugene Braunwald, TIMI Study Group, Boston, MA, USA, Brigham and Women's Hospital, Boston, MA, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Asymptomatic Extracranial Carotid Atherosclerosis and Risk for Cerebrovascular Events in Patients With Non-Valvular Atrial Fibrillation: The ARAPACIS Study

Stefania Basili, Lorenzo Loffredo, Daniele Pastori, Marco Proietti, Alessio Farcomeni, Annarita Vestri, Pasquale Pignatelli, Gino Roberto Corazza, Francesco Perticone, Francesco Violi, I Clinica Medica, Sapienza, Rome, Italy, Department of Medical and Surgical Sciences, University of Catanzaro, Catanzaro, Italy

1:40 p.m.

Question and Answer

ACC Poster Moderator: Mazen S. Abu-Fadel

ACC Poster Moderator: Teresa Carman