

# International College of Angiology 55th Annual World Congress Harkness Auditorium Yale University School of Medicine New Haven, Connecticut November 7-9, 2013



Prof. John B. Chang, MD, FACS, FICA, Program Chairman

Local Organizing Chairman
Prof. John A. Elefteriades, MD, FICA

# Scientific Program Addendum



### **Revision Statement for CME Accreditation**

CME Credit Hours have been revised as indicated below.

### **Accreditation Statement**

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Medical Society of the State of New York (MSSNY) through the joint sponsorship of MSSNY and the International College of Angiology, Inc. MSSNY is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Medical Society of the State of New York (MSSNY) designates this live activity for a maximum of **13.5 AMA/PRA Category 1 Credits**<sup>TM</sup>. Physicians should **CLAIM ONLY** the credit commensurate with the extent of their participation in the activity.

### **Presenter Disclosures**

As a sponsor accredited by the Accreditation Council of Continuing Medical Education the Medical Society of the State of New York (MSSNY) must ensure balance, independence, objectivity, and scientific rigor in all of its individually or jointly sponsored educational activities. All speakers participating in a sponsored activity are required to disclose any material, financial, or other relationship that may pose conflicts of interest. In addition, the fact that the presentation describes the use of a device, product, or drug that is not FDA approved, or an off-label use of an approved device, product, or drug must also be disclosed. This policy has been adopted in response to FDA policy and recent case law involving medical societies. The requirement of disclosure is not intended to imply any impropriety of such relationship, but simply to indemnify such relationships through full disclosure, to allow the audience to form its own judgments regarding the presentation.

	at all a set 1
Pertu Adrillo, IVID, PriD	Nothing to Disclose
	/I
Benedict Azucena Cesar, MD	
Annamarie Borja, MD	
Chris Cary, BS	
John B. Chang, MD	
Ivy Cheng, BS	
Gautham Chitragari, MBBS	
Joseph Colombo, PhD	Part owner, shareholder, Medical Director, Executive VP, and Employee of Ansar Medical Technologies, Inc.
Alan Dardik, MD, PhD	
John A. Elefteriades, MD	Grant received from Medtronic, Consultant for IABP Developments, Shareholder of Coolspine,
	Grant received from the National Marfan Association
Sukru H. Emre, MD	No Disclosure Received
Randall W. Franz, MD, FACS, RVT	
Mario Gonzalez, MD	
Petr Hajek, MD, PhD	
Pankaj K. Handa, MD	Nothing to Disclose
George L. Hines, MD	
Hitoshi Hirose, MD	
Jeffrey Indes, MD	
Pablo Loarte, MD	
Frank Manetta, MD	
	Sandan bar anatis alian ban anatis faran MII. Care O. Arrasiska a wakin kha bak 42 arraska an an anataka da aria
David J. Minion, MD	speaker has received an honoraria from WL Gore & Associates Within the last 12 months on an unrelated topic
Ernesto P. Molmenti, MD, PhD, MBA	Speaker has received an honoraria from WL Gore & Associates within the last 12 months on an unrelated topic
Ernesto P. Molmenti, MD, PhD, MBA	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD	Nothing to Disclose Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD	Nothing to Disclose Nothing to Disclose Nothing to Disclose Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Kevin Quiusky, MD	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Kevin Quiusky, MD Sibu P. Saha, MD, MBA Darren B. Schneider, MD	Nothing to Disclose  Research support, consultant, and honoraria received from Cook, Inc., W.L. Gore & Associates; h support and consultant for Covidien, Research support from Lutonix, and Honoraria from Boston Scientific
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Kevin Quiusky, MD Sibu P. Saha, MD, MBA Darren B. Schneider, MD	Nothing to Disclose  Research support, consultant, and honoraria received from Cook, Inc., W.L. Gore & Associates; h support and consultant for Covidien, Research support from Lutonix, and Honoraria from Boston Scientific
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Kevin Quiusky, MD Sibu P. Saha, MD, MBA Darren B. Schneider, MD Researc Muhammad Tariq Shakoor, MD	Nothing to Disclose  Research support, consultant, and honoraria received from Cook, Inc., W.L. Gore & Associates; h support and consultant for Covidien, Research support from Lutonix, and Honoraria from Boston Scientific  Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Kevin Quiusky, MD Sibu P. Saha, MD, MBA Darren B. Schneider, MD Researcl Muhammad Tariq Shakoor, MD Sherif Y. Shalaby, MD	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kevin Quiusky, MD Sibu P. Saha, MD, MBA Darren B. Schneider, MD Mhammad Tariq Shakoor, MD Sherif Y. Shalaby, MD Rajinder P. Sharma, MD	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Kevin Quiusky, MD Sibu P. Saha, MD, MBA Darren B. Schneider, MD Research Muhammad Tariq Shakoor, MD Sherif Y. Shalaby, MD Rajinder P. Sharma, MD David N. Siegel, MD	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Sibu P. Saha, MD, MBA Darren B. Schneider, MD Researce Muhammad Tariq Shakoor, MD Sherif Y. Shalaby, MD Rajinder P. Sharma, MD David N. Siegel, MD Bauer E. Sumpio, MD, PhD Brandon Sumpio	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Sibu P. Saha, MD, MBA Darren B. Schneider, MD Researce Muhammad Tariq Shakoor, MD Sherif Y. Shalaby, MD Rajinder P. Sharma, MD David N. Siegel, MD Bauer E. Sumpio, MD, PhD Brandon Sumpio	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Sibu P. Saha, MD, MBA Darren B. Schneider, MD  Muhammad Tariq Shakoor, MD Sherif Y. Shalaby, MD Rajinder P. Sharma, MD David N. Siegel, MD Bauer E. Sumpio, MD, PhD Brandon Sumpio Li-Zhong Sun, MD	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Sibu P. Saha, MD, MBA Darren B. Schneider, MD  Muhammad Tariq Shakoor, MD Sherif Y. Shalaby, MD Rajinder P. Sharma, MD David N. Siegel, MD Bauer E. Sumpio, MD, PhD Brandon Sumpio Li-Zhong Sun, MD Frank Veith, MD	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Kevin Quiusky, MD Sibu P. Saha, MD, MBA Darren B. Schneider, MD Researcl Muhammad Tariq Shakoor, MD Sherif Y. Shalaby, MD Rajinder P. Sharma, MD David N. Siegel, MD Bauer E. Sumpio, MD, PhD Brandon Sumpio Li-Zhong Sun, MD Frank Veith, MD Josef Veselka, MD, PhD	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Kevin Quiusky, MD Sibu P. Saha, MD, MBA Darren B. Schneider, MD Researcl Muhammad Tariq Shakoor, MD Sherif Y. Shalaby, MD Rajinder P. Sharma, MD David N. Siegel, MD Bauer E. Sumpio, MD, PhD Brandon Sumpio Li-Zhong Sun, MD Frank Veith, MD Josef Veselka, MD, PhD Thomas F. Whayne, Jr., MD, PhD	Nothing to Disclose  Research support, consultant, and honoraria received from Cook, Inc., W.L. Gore & Associates; h support and consultant for Covidien, Research support from Lutonix, and Honoraria from Boston Scientific  Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Kevin Quiusky, MD Sibu P. Saha, MD, MBA Darren B. Schneider, MD Mahammad Tariq Shakoor, MD Sherif Y. Shalaby, MD Rajinder P. Sharma, MD David N. Siegel, MD Bauer E. Sumpio, MD, PhD Brandon Sumpio Li-Zhong Sun, MD Frank Veith, MD Josef Veselka, MD, PhD Thomas F. Whayne, Jr., MD, PhD Weili Xing, MD	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Kevin Quiusky, MD Sibu P. Saha, MD, MBA Darren B. Schneider, MD Rajinder P. Sharma, MD Rajinder P. Sharma, MD David N. Siegel, MD Bauer E. Sumpio, MD, PhD Brandon Sumpio Li-Zhong Sun, MD Frank Veith, MD Josef Veselka, MD, PhD Thomas F. Whayne, Jr., MD, PhD Weili Xing, MD Malka Yahalom, MD, DSc.	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Sibu P. Saha, MD, MBA Darren B. Schneider, MD Researcl Muhammad Tariq Shakoor, MD Sherif Y. Shalaby, MD Rajinder P. Sharma, MD David N. Siegel, MD Bauer E. Sumpio, MD, PhD Brandon Sumpio Li-Zhong Sun, MD Frank Veith, MD Josef Veselka, MD, PhD Thomas F. Whayne, Jr., MD, PhD Weili Xing, MD Malka Yahalom, MD, DSC Mitsuhiro Yamamura, MD	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA Gary L. Murray, MD Stephan Neagu, MD Deboray Ng Chieh Yih, MBBS Otmar M. Pachinger, MD Kailash Prasad, MD, PhD Sibu P. Saha, MD, MBA Darren B. Schneider, MD Sherif Y. Shalaby, MD Rajinder P. Sharma, MD David N. Siegel, MD Bauer E. Sumpio, MD, PhD Brandon Sumpio Li-Zhong Sun, MD Frank Veith, MD Josef Veselka, MD, PhD Thomas F. Whayne, Jr., MD, PhD Weili Xing, MD Malka Yahalom, MD, DSc Mitsuhiro Yamamura, MD Eow Liu Yin, MBBS	Nothing to Disclose

### Thursday, November 7, 2013

10:30 h. – 12:30 h.

Third Scientific Session

### Carotid Endarterectomy (CEA) and Carotid Artery Stenting (CAS)

The following presentation will be given by Chris Cary, BS, Winthrop University Hospital, Mineola, New York, USA.

11:30 **Post-Endarterectomy Cerebral Hyper-Perfusion Syndrome: The Etiological Significance of "Cerebral Reserve:"** George L. Hines, MD, Department of Thoracic and Cardiovascular Surgery, Winthrop University Hospital, Mineola, New York, USA.

### Thursday, November 7, 2013 (Continued)

2:00 h. – 3:00 h.

## Fifth Scientific Session Coagulants and Anticoagulants in the Management of Surgical and Medical Disease Entities

The following presentation will be given by Dorai Raj Appadorai, MBBS, Department of General Medicine, Tan Tock Seng Hospital, Singapore, Republic of Singapore

2:20 A Rare Case of Behçet's Disease Presenting with Pyrexia of Unknown Origin, Pulmonary Embolism, and Right Ventricular Thrombus: Weili Xing, MD, Department of General Medicine, Tan Tock Seng Hospital, Singapore, Republic of Singapore.

•

The following portion of our Scientific Program is not included in CME Accreditation.

Friday, November 8, 2013 1:30 h. – 5:30 h. Thirteenth Scientific Session

# Pathogenesis, Current Management, and Future Directions in the Treatment of Aortic Aneurysms Moderators:

### Randall W. Franz, MD, FACS, RVT, FICA

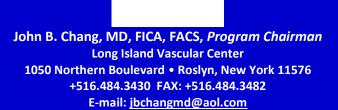
Associate Professor of Surgery, Ohio University School of Medicine, Columbus, Ohio, USA; Adjunct Assistant Professor of Surgery, Ohio State University School of Medicine, Columbus, Ohio, USA; Chief, Vascular and Endovascular Surgery; Medical Director, Grant Vascular and Vein Center, Columbus, Ohio, USA; Vice President, Scientific Council, International College of Angiology; Member, Editorial Board, *International Journal of Angiology*.

### Bauer E. Sumpio, MD, PhD

Professor of Surgery and Radiology, Chief, Vascular Surgery, Yale University School of Medicine, New Haven, Connecticut, USA; Senior Editor, International Journal of Angiology.

- 1:30 Surgical Management of AAA and Long-Term Results: John B. Chang, MD, FACS, FICA
- 1:50 Practical Tips in Thoracic Aortic Surgery: John A. Elefteriades, MD, FICA
- 2:10 Endovascular Repair of Thoraco-Abdominal and Para-Visceral Aneurysms: Darren B. Schneider, MD, Chief, Vascular and Endovascular Surgery, Weill Cornell Medical College, and Director, Center for Vascular and Endovascular Surgery, New York-Presbyterian Hospital-Weill Cornell Medical Center, New York, New York, USA.
- 2:40 Genetics of Thoracic Aortic Aneurysm: John A. Elefteriades, MD, FICA
- 3:00 **Ten Years of Success with Sun's Procedure for Type A Aortic Dissection:** Li-Zhong Sun, MD, Beijing Anzhen Hospital, Capital Medical University, Beijing, China.
- 3:20 **Perils and Pitfalls in Abdominal Aortic Aneurysm Open Surgery:** Jeffrey Indes, MD, Assistant Professor of Surgery and Radiology, Section of Vascular Surgery, Department of Surgery, Yale University School of Medicine, New Haven, Connecticut, USA.
- 3:40 Long-Term Results after EVAR in an Integrated Health Care System: Robert W. Chang, MD, Permanente Medical Group, San Francisco, California, USA.
- 4:00 **Surgical Management of Thoraco-Abdominal and Supra-Renal Aortic Aneurysms:** Richard Cambria, MD, Professor of Surgery, Harvard Medical School, and Chief, Division of Vascular and Endovascular Surgery, Massachusetts General Hospital, Boston, Massachusetts, USA
- 4:30 **Preservation of Congenital Pelvic Kidneys during Endovascular Aneurysm Repair:** David J. Minion, MD, Professor of Surgery, Department of Surgery, University of Kentucky, Lexington, Kentucky, USA.
- 4:40 Topical Hemostatic Agents for the Control of "Anastomotic Leak:" Sibu P. Saha, MD, MBA, FICA

**Questions and Answers with Audience Participation** 



### International College of Angiology, Inc.

Member, Council for International Organizations of Medical Sciences (CIOMS)

Executive Office: 161 Morin Drive • Jay, Vermont 05859

+802.988.4065 FAX: +802.988.4066

Executive Director: Denise M. Rossignol

E-mail: denisemrossignol@cs.com