



International College of Angiology
 53rd Annual World Congress
 Grand Hyatt Nusa Dua Bali Resort
 Bali ~ The Island of Paradise ~ Indonesia
 September 18-20, 2011



Island of the Gods

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

Local Organizing Committee

Prof. Lilly I. Rilantono, MD, FACC, *Honorary Chairman*

RWM Kaligis, MD, FIHA, FAsCC, FICA, *Chairman*

Scientific Program

53rd Annual World Congress • ICA 2011

International College of Angiology

Grand Hyatt Nusa Dua Bali
Bali, Indonesia • September 18-20, 2011

Board of Directors

John B. Chang, M.D., *Chairman*
John A. Elefteriades, MD, *Vice Chairman*
Pertti T. Aarnio, M.D., Ph.D.
Elie D. Aboulafia, M.D.
Jose Alemany, M.D.
John D. Corson, M.B., Ch.B.
Victor A. Ferraris, M.D., Ph.D.
Takao Ohki, M.D., Ph.D.
Otmar M. Pachinger, M.D.
Kailash Prasad, M.D., Ph.D.
Edward Ross, M.D.
Sibu P. Saha, M.D., MBA
Rajinder P. Sharma, M.D.

Director Emeritus

Tatsuki Katsumura, M.D., Ph.D.

Officers, Scientific Council

Takao Ohki, M.D., Ph.D., *President*
Otmar M. Pachinger, M.D., *President-Elect*
Victor A. Ferraris, M.D., Ph.D., *Secretary General*
Rajinder P. Sharma, M.D., *Treasurer*

Advisory Council

Fritz Kaindl, M.D.

Vice Presidents

Aurel Andercou, M.D.

Cluj-Napoca, Romania

Andreia P. Andreev, M.D.

Sofia, Bulgaria

Semih I. Barlas, M.D.

Istanbul, Turkey

Glenn R. Faust, M.D.

East Meadow, New York

Randall W. Franz, M.D.

Columbus, Ohio

L. Michael Graver, M.D.

New Hyde Park, New York

Daniel J. Iosa, M.D., Ph.D.

Fuerte Ventura, Canary Islands

K. Kasirajan, M.D.

Atlanta, Georgia

Stanley Katz, M.D.

Manhasset, New York

Robert M. Mentzer, Jr., M.D.

Detroit, Michigan

Choi-Keung Ng, M.D.

Wels, Austria

Ramdas P. Pai, M.D.

Los Angeles, California

David N. Siegel, M.D.

New Hyde Park, New York

Josef Veselka, M.D.

Prague, Czech Republic

Thomas F. Whayne, Jr., M.D., Ph.D.

Lexington, Kentucky

Honorary Fellows

Eugene Braunwald, M.D.

Alain F. Carpentier, M.D.

Denton A. Cooley, M.D.

Csaba Dzsinich, M.D.

Larry H. Hollier, M.D.

Pekka-T. Harjola, M.D.

Fritz Kaindl, M.D.

Francis Robicsek, M.D., Ph.D.

Wilhelm Sandmann, M.D.

Stephen Westaby, BSc., Ph.D., M.S.

Rosalyn S. Yallow, Ph.D.

Past-Presidents

Albert Senn, M.D. (1976-1978)

Fritz Kaindl, M.D. (1979-1981)

Earl R. Olsen, M.D. (1986-1989)

Hans J. Hachen, M.D. (1989-1990)

John B. Chang, M.D. (1991-1995)

Kailash Prasad, M.D., Ph.D. (1995-1997)

Tatsuki Katsumura, M.D., Ph.D. (1997-1999)

Pertti T. Aarnio, M.D., Ph.D. (1999-2001)

Jose Alemany, M.D. (2001-2003)

Elie D. Aboulafia, M.D. (2003-2005)

John A. Elefteriades, M.D. (2005-2007)

John D. Corson, M.B., Ch.B. (2007-2009)

Sibu P. Saha, M.D., MBA (2009-2011)

Executive Director

Denise M. Rossignol

International College of Angiology

Scientific Committee

Responsible for review and selection of all scientific papers proffered for the Annual World Congress within budgetary and space limitations, responsible for the organization of special symposia and workshops.

Kailash Prasad, M.D., Ph.D., Chairman
Saskatoon, Canada

Scientific Committee Co-Chairpersons

Pertti T. Aarnio, M.D., Ph.D.

Pori, Finland

John D. Corson, M.B., Ch.B.

Albuquerque, New Mexico

John A. Eleftheriades, M.D.

New Haven, Connecticut

Glenn R. Faust, M.D.

East Meadow, New York

L. Michael Graver, M.D.

New Hyde Park, New York

Karthikeshwar Kasirajan, M.D.

Atlanta, Georgia

Nilanjana Maulik, Ph.D.

Farmington, Connecticut

J. Ernesto Molina, M.D., Ph.D.

Minneapolis, Minnesota

Choi-Keung Ng, M.D.

Wels, Austria

Takao Ohki, M.D., Ph.D.

Tokyo, Japan

Edward Ross, M.D.

Indianapolis, Indiana

Sibu P. Saha, M.D., MBA

Lexington, Kentucky

Rajinder P. Sharma, M.D.

Detroit, Michigan

David N. Siegel, M.D.

New Hyde Park, New York

Young Investigator Award Recipients

Robert N.A. Gasser, M.D., Ph.D. (1988)

David Wilkinson, M.B., Ch.B. (1988)

Simon Ashley, B.M., FRCS (1989)

G. Galloni, M.D. (1989)

Tony Katras, M.D. (1989)

Dimitrios N. Psathakis, M.D. (1989)

Joseph F. Polak, M.D. (1989)

Daniel Duprez, M.D., Ph.D. (1991)

Philippe Bull, M.D. (1992)

Patricia Cristodor, M.D. (1992)

Manfred Grisold, M.D. (1992)

Bruno Papaleo, M.D. (1992)

F.C. Rada, M.D. (1992)

Patricia Amado, M.D. (1993)

Jutta Berglöff, M.D. (1993)

Claudia Dimofte, M.D. (1993)

Antti Korpela, M.D. (1993)

R.S. More, MRCP (1993)

Antero Sahlman, M.D. (1993)

I. Schafhalter, M.D. (1993)

Nilanjana Maulik, Ph.D. (1994)

J. Melichercik, M.D. (1994)

Robert W. Chang, B.S. (1995)

T. Ikonen, M.D. (1995)

A.R.J. Rajakumar, M.B.B.S. (1995)

Satoshi Sakai, M.D. (1996)

Bernd Wolfgarten, M.D. (1996)

Gernold Wozniak, M.D. (1996)

Jalal Zamani, M.D. (1996)

Sabine Horn, M.D. (1997)

Roberto Baglini, M.D. (1997)

Maziar Rahmani, M.D. (1997)

Sailaritta Vuorisalo, M.D., Ph.D. (1998)

Atsushi Ishida, M.D., Ph.D. (1999)

Dai Wangde, M.D. (1999)

Wolf Drescher, M.D. (2000)

Takashi Yamaki, M.D. (2000)

Mitsuhiro Yamamura, M.D. (2000)

Paul Lee, Ph.D. (2001)

Thomas Zeller, M.D. (2001)

Shoiji Fukuda, M.D., Ph.D. (2002)

Rossella DiStefano, M.D. (2003)

Randy A. Stevens, M.D. (2004)

Nadia Cosentino, M.D. (2005)

Erick McNair, M.Sc. (2005)

Manika Das, Ph.D. (2006)

Suresh Varma Penumathsa (2006)

Mahesh Thirunavukkarasu (2006)

Joseph F. Ndisang, PharmD, PhD (2007)

Ramesh Vidavalur, M.D. (2007)

John Samas, M.D. (2010)

Professor John B. Chang Research Achievement Award Recipients

Kailash Prasad, M.D., Ph.D. (1995)

Zhong Gao Wang, M.D. (1996)

Vikrom S. Sotturrai, M.D., Ph.D. (1997)

Pertti T. Aarnio, M.D., Ph.D. (1998)

Kensuke Esato, M.D. (1999)

Bauer E. Sumpio, M.D. (2000)

Jose Alemany, M.D. (2001)

Hendrick B. Barner, M.D. (2002)

Tatsuki Katsumura, M.D., Ph.D. (2003)

John A. Eleftheriades, M.D. (2004)

Francis Robicsek, M.D. (2005)

John D. Corson, M.B., Ch.B. (2006)

Sibu P. Saha, M.D., MBA (2009)

Victor A. Ferraris, M.D., Ph.D. (2010)

J. Ernesto Molina, M.D., Ph.D. (2011)

INTERNATIONAL JOURNAL OF ANGIOLOGY

*Official Journal of the International College of Angiology
An Official Publication of the International College of Surgeons
An Official Publication of the Asian Society for Vascular Surgery*

Editor-in-Chief

John B. Chang, *New York*

Advisory Council

Eugene Braunwald, *Massachusetts*
Denton A. Cooley, *Texas*
Peter P. Liu, *Canada*

Michael F. O'Rourke, *Australia*
Stephen Westaby, *U.K.*

Senior Editors

Pertti T. Aarnio, *Finland*
John D. Corson, *New Mexico*
John A. Elefteriades, *Connecticut*
Larry H. Hollier, *Louisiana*

Kailash Prasad, *Canada*
Pravin M. Shah, *California*
Bauer E. Sumpio, *Connecticut*

Editorial Board

Elie D. Aboulafia, *Michigan*
Jose Alemany, *Germany*
Aurel Andercou, *Romania*
Andreia P. Andreev, *Bulgaria*
Semih I. Barlas, *Turkey*
John J. Bergan, *California*
Jeffrey S. Borer, *New York*
Anthony J. Comerota, *Ohio*
Robert S. Dieter, *Illinois*
Alik Farber, *Massachusetts*
Glenn R. Faust, *New York*
Victor A. Ferraris, *Kentucky*
Randall W. Franz, *Ohio*
L. Michael Graver, *New York*
Hitoshi Hirose, *Pennsylvania*
Hans M. Hoffmeister, *Germany*
Anthony M. Imparato, *New York*
Daniel J. Iosa, *Canary Islands*
Bodh I. Jugdutt, *Canada*
Karthikeshwar Kasirajan, *Georgia*
Stanley Katz, *New York*
Sanjiv Kaul, *California*
Dong-Ik Kim, *South Korea*
Mark Kissin, *New York*
K.V. Krishnasastri, *New York*

Byung-Boong Lee, *Virginia*
Frank Manetta, *New York*
Robert M. Mentzer, Jr., *Michigan*
J. Ernesto Molina, *Minnesota*
Ernesto P. Molmenti, *New York*
Debabrata Mukherjee, *Texas*
H. Müller-Wiefel, *Germany*
Aravinda Nanjundappa, *West Virginia*
Takao Ohki, *Japan*
Ramdas G. Pai, *California*
Thomas Panetta, *New York*
Dinker B. Rai, *New York*
Edward Ross, *Indiana*
Sibu P. Saha, *Kentucky*
Nicolas W. Shammass, *Iowa*
Rajinder P. Sharma, *Michigan*
Hiroshi Shigematsu, *Japan*
David N. Siegel, *New York*
Michael C. Stoner, *North Carolina*
Christer Sylvén, *Sweden*
Eiji Tamiya, *Japan*
Matti R. Tarka, *Finland*
Sudesh Vasdev, *Canada*
Josef Veselka, *Czech Republic*
Malka Yahalom, *Israel*

Senior Editors Emeritus

Hendrick B. Barner, *Missouri*
K. Buyukozturk, *Turkey*
Fritz Kaindl, *Austria*
Francis Robicsek, *North Carolina*

Managing Editor

Denise M. Rossignol, *New York*

International College of Angiology 53rd Annual World Congress Organizing Committee

Program Chairman

John B. Chang, MD, FACS, FICA

Professor of Clinical Surgery
Hofstra Northshore-LIJ School of Medicine, New York
Adjunct Professor, Clinical Surgery
Albert Einstein College of Medicine, New York
Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New York
Director, Long Island Vascular Center
Roslyn New York

Chairman, Scientific Committee

Kailash Prasad, MBBS(Hons), MD, PhD, FRCPC, FACC, FICA, FIACS

Professor Emeritus of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Member, Board of Directors, International College of Angiology; Chairman, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.

Local Organizing Committee

Prof. Lilly I. Rilantono, MD, FACC, Honorary Chairman

Trustee, Indonesian Society of Vascular Medicine, Jakarta, Indonesia.

RWM Kaligis, MD, FIHA, FAsCC, FICA, Chairman

Head, Vascular Division, Department of Cardiology and Vascular Medicine, Faculty of Medicine, University of Indonesia, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

Dahlan Murnizal, MD, Vice Chairman

Head, Department of Vascular Surgery, Faculty of Medicine, University of Indonesia, RSCM Hospital, Jakarta, Indonesia.

Iwan Dakota, MD, FICA, FACC, FESC, FSCAI, Secretary

Regional Secretary, Membership Committee, International College of Angiology; Director of General Affairs and Human Capital, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

Ismoyo Sunu, MD, FICA, Treasurer

Department of Cardiology and Vascular Medicine, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

Prof. Harmani Kalim, MD, MPH, FIHA, FAsCC, Head, Local Scientific Committee

Chair, Indonesian Heart Association Collegium

Committee Members

Prof. Ganesja M. Harimurti, FIHA, FAsCC

Professor of Medicine; Head, Department of Cardiology and Vascular Medicine, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia.

Prof. Sarwono Waspadji, MD, PhD

Head, Department of Internal Medicine, Metabolic and Endocrinology Division, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia.

Prof. Arry Haryanto, MD, PhD

Head, Department of Internal Medicine, Hematology and Oncology Division, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia.

Prof. Teguh Ranakusuma, MD, FAAN

Head, Department of Neurology, University of Indonesia, Jakarta, Indonesia.

Prof. Muhammad Munawar, MD, PhD, FACC, FAPSC, FESC, FSCAI

Head, Electrophysiology Division, Department of Cardiology and Vascular Medicine, University of Indonesia, Jakarta, Indonesia.

Tarmizi Hakim, MD, FACS

Head, Department of Cardiothoracic Surgery, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia.

Rina Dwiningsih, Executive Secretary and Liaison Officer

Adiawati Tresnareni, Secretary to the Local Organizing Committee

International College of Angiology

Founding Fathers and Past Congresses

The founding fathers of the International College of Angiology were Dr. Saul Simon Samuels and Dr. Rene Leriche. It was Dr. Saul Samuels who in 1942 coined the name "Angiology" from the Greek words meaning the "science of the blood vessels."

The International College of Angiology was organized and chartered in 1958, in order to encourage, support, and facilitate research and education in vascular diseases. It was the founding fathers of the International College of Angiology that have made our College unique, in that it integrates the discipline, knowledge, and skills of several specialties, which treat the many faceted illnesses that result from disorders of the vascular system.

Year		Venue
1958	1 st Annual Meeting	Atlantic City, New Jersey
1959	2 nd Annual Meeting	Mexico City, Mexico
1960	3 rd Annual Meeting	
1961	4 th Annual Meeting	
1962	5 th Annual Meeting	Las Vegas, Nevada
1963	Caribbean Conference on Angiology	San Juan, Puerto Rico
1964	6 th Annual Meeting	
1965	7 th Annual Meeting	London, England
1966	8 th Annual Meeting	Madrid, Spain
1967	9 th Annual Meeting	Las Vegas, Nevada
1968	10 th Annual Meeting	Geneva, Switzerland
1969	11 th Annual Meeting	Rome, Italy
1970	12 th Annual Meeting	Dublin, Ireland
1971	13 th Annual Meeting	Copenhagen, Denmark
1972	14 th Annual Meeting	London, England
1973	15 th Annual Meeting	Lisbon, Portugal
1974	16 th Annual Meeting	Montreal, Canada
1974	French Scientific Congress	Paris, France
1975	17 th Annual Meeting	Herzalia, Israel
1976	18 th Annual Meeting	Tucson, Arizona
1977	19 th Annual Meeting	Dublin, Ireland
1978	20 th Annual Meeting	Marbella, Spain
1979	21 st Annual Meeting	St. Louis, Missouri
1980	22 nd Annual Meeting	Vienna, Austria
1981	23 rd Annual Meeting: Part I	Zurich, Switzerland
1981	23 rd Annual Meeting: Part II	Lisbon, Portugal
1982	24 th Annual Meeting	Antwerp, Belgium
1983	25 th Annual Meeting	Killarney, Ireland
1984	26 th Annual Meeting	San Antonio, Texas
1985	27 th Annual Meeting	Hilton Head, South Carolina
1986	28 th Annual Meeting	Nice, France
1987	29 th Annual Meeting	Montreux, Switzerland
1988	30 th Annual Meeting	Amsterdam, The Netherlands
1989	31 st Annual Meeting	Rome, Italy
1990	32 nd Annual Meeting	Toronto, Canada
1991	33 rd Annual Meeting	Singapore
1992	34 th Annual Congress	Budapest, Hungary
1993	35 th World Congress	Copenhagen, Denmark
1994	36 th World Congress	New York, New York
1995	37 th World Congress	Helsinki, Finland
1996	38 th World Congress	Cologne, Germany
1997	39 th Annual World Congress	Istanbul, Turkey
1998	40 th Annual World Congress	Lisbon, Portugal
1999	41 st Annual World Congress	Sapporo, Japan
2000	42 nd Annual World Congress	San Diego, California
2001	43 rd Annual World Congress	Berlin, Germany
2002	44 th Annual World Congress	New York, New York
2003	45 th Annual World Congress	Indianapolis, Indiana
2004	46 th Annual World Congress	Lexington, Kentucky
2005	47 th Annual World Congress	Uncasville, Connecticut
2006	48 th Annual World Congress	Charlotte, North Carolina
2007	49 th Annual World Congress	Vancouver, Canada
2008	50 th Golden Anniversary Congress	Tokyo, Japan
2009	51 st Annual World Congress	Beijing, China
2010	52 nd Annual World Congress	Lexington, Kentucky

53rd Annual World Congress

General Program Information

Congress Aim

The overall mission of the 53rd Annual World Congress of the International College of Angiology is to bring together basic and clinical scientists to share universally current knowledge and techniques in angiology to update the pathophysiology of disease, clinical diagnostic methods, and treatment for improved healthcare delivery and future research. This Congress will provide a forum for the synthesis of **State-of-the-Art** information that encompasses the pathophysiology, clinical diagnosis, and treatment of vascular diseases as they are encountered by primary care physicians, vascular, general, thoracic, cardiothoracic, and cardiovascular surgeons, neurosurgeons, cardiologists, internists and cardiology and vascular interventional radiologists.

Learning Objectives

Upon completion of our continuing medical education activities, the participant should be able to:

- Understand and apply the value of an integrated approach to the diagnosis and treatment of cardiac and vascular disease.
- Assess and differentiate between competing technologies for vascular intervention.
- Choose when and how to appropriately apply various interventional and non-interventional procedures in the treatment of vascular disease.
- Describe new developments and techniques that will impact performance, practice, and patient care in the future.
- Apply the most recent developments in the diagnosis, medical management, and treatment of cardiac, peripheral vascular and cerebrovascular disorders in order to make improved patient care decisions based on outcome and cost.
- Enhance knowledge in the practice of treating vascular disease.
- Evaluate treatment options for asymptomatic and symptomatic patients with carotid artery disease to prevent stroke.
- Define the treatment options of patients with abdominal aortic aneurysms to minimize morbidity and mortality.
- Enhance patient selection for renal artery revascularization to improve blood pressure control and renal function.
- Identify and explore new research problems for future collaboration.

All presentations have a purpose while providing a balanced view of diagnostic and therapeutic options followed by constructive debate. These objectives are achieved through invited guest lectures by nationally and internationally recognized leaders, special symposia, workshops, live demonstrations and exhibits, highlighting the most challenging and controversial procedures performed in interventional medicine. Submitted abstracts and invited guest lecturers serve as a major part of the overall program. A significant portion of the program is reserved for question and answer interaction between the presenters and the audience.

Instruction to Speakers

We remind speakers presenting submitted oral papers their presentations are limited to ten (10) minutes with an invited discussion following the session. Speakers presenting submitted poster presentations must limit their presentation to seven (7) minutes. **All presentations (ORAL and POSTER) are to be given in PowerPoint. Speakers are required to submit their presentations on a CD/DVD/USB Drive or via E-Mail (PC format for Windows XP) to our Executive Director NO LATER THAN September 1, 2011. All presentations WILL be pre-loaded** in advance of the Opening Ceremony. **THERE WILL BE NO DOWNLOADING or use of personal laptops during any session.**

Venue

GRAND HYATT BALI

PO Box 53
Nusa Dua, Bali
Indonesia
TELEPHONE: +62.361.77.1234
FAX: +62.361.77.2038
EMAIL: bali.grand@hyatt.com

Location

Situated in Nusa Dua, Grand Hyatt Bali was conceived as a "water palace" with lakes, landscaped gardens and five swimming pools surrounding low-rise Balinese style buildings. The resort is just a short distance from Sanur, Kuta, and the city of Denpasar.

Transportation

By Car: Ngurah Rai International Airport is 12 kilometers, 15 minutes. The city centre is 30 kilometers, 30 minutes from the hotel.

Internet

Guest Rooms: High-Speed Internet-Wired; Public Areas: High-Speed Internet-Wireless

Climate

The climate in Bali is tropical, warm and sunny year round, with occasional unpredictable rains. Daytime high temperatures in Bali are around 31°C and the average low in September is 24°C.

Current and Credit Cards

The Indonesian currency is the Rupiah (Rp). Rupiah notes are in denominations of Rp 100,000, Rp 50,000, Rp 20,000, Rp 10,000, Rp 5,000, Rp 2,000, and Rp 1,000. Most credit cards are accepted everywhere and are suggested as the most convenient way to carry money. However, please prepare cash if you plan to shop at local/traditional markets, as not all traditional shops accept credit card.

Attire

Smart casual attire will be appropriate for almost all congress activities. However, formal attire is required during the Opening Ceremony. If you plan to make the most of your time in Bali, be sure to pack comfortable walking shoes, hats, sunglasses, and swimming attire.

Name Badges

You will receive a name badge when you check in at the Hospitality Desk. We ask that you wear your name badge at all group sponsored functions. It will help you get acquainted with your fellow travelers and will identify you to hotel and event staff as a participant of the event.

Telephone Calls

Please contact your mobile carrier for details and pricing on using your mobile phone in Indonesia.

Time Zones

In September, Bali is 8 hours ahead of GMT (Greenwich Mean Time). When it is 12:05 p.m. in Bali on September 18, 2011, it is:

CITY	TIME
Beijing	12:05 p.m.
Mumbai	9:35 a.m.
Sydney	3:05 p.m.
Tokyo	1:05 p.m.
New York	11:05 p.m. (September 17)

Voltage

Electricity used is 220-240 volts at 50 cycles.

Official Travel Agency

The official travel agency for this event is **PT Haryono Tours and Travels**, who will help you on various issues you may have regarding this event. Please contact their Jakarta office for any queries at the following address:

PT Haryono Tours & Travel

Contact Persons: Stefania/Antonius
Jl. Kebon Sirih Raya 9K, Jakarta 10340
Tel +62.21.392.0808/392.1111
Fax +62.21.314.0891/314.1937
Direct line for congress +62.21.230.5872
Direct fax for congress +62.21.230.5873
Email: mice-jakarta@haryonotours.com
www.haryonotours.com

Registration Desk Hours

The ICA Annual World Congress registration desk will be located in the Grand Hyatt Nusa Dua Bali Resort.

Sunday, September 18 09.00 h. – 16.00 h.

Monday, September 19 08.00 h. – 16.00 h.

Tuesday, September 20 08.00 h. – 13.00 h.

Please refer to the Venue Map for exact function rooms.

Scientific Sessions

The Scientific Sessions of the 53rd Annual World Congress will be held in the GRAND BALLROOM II of the Grand Hyatt Nusa Dual Bali Resort.

Messages

The ICA requests all meeting participants to turn off or lower their cellular telephones, or utilize their "vibrate" feature on the cellular telephone.

53rd Annual World Congress Welcome Reception/Faculty Dinner

This event is an **OPTIONAL EXTRA EVENT** for registrants of the Congress with limited seating available. This event will be held on Sunday evening, September 18th beginning at 19.00 h. in the Bali House. **AN ADVANCE RESERVATION AND PAYMENT IS REQUIRED NO LATER THAN 4 SEPTEMBER 2011. The cost of this event is (USD) \$100 per person. Kindly contact PT Haryono Tours & Travel for further information and reservations..**

Cultural Night

The International College of Angiology will hold an optional "CULTURAL NIGHT" at PASAR SENGGOL-BALINESE NIGHT MARKET at the Grand Hyatt on Monday evening, September 19th at 19.00 h. The cost of the Cultural Night **IS NOT** included as part of your Registration Fee. ADVANCE RESERVATIONS ARE REQUIRED. The cost for this event is (USD) \$100 per person. Please contact the Congress Official Travel Agency to reserve your participation. *Attire is business casual.*

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 sponsor continuing medical education for physicians.

The Medical Society of the State of New York (MSSNY) designates this educational activity for a maximum of 18.5 AMA/PRA Category 1 Credits™. Physicians should claim commensurate with the extent of their participation in the activity.

Faculty Disclosure Policy

As a sponsor 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, must ensure balance, independence, objectivity, and scientific rigor in all its directly sponsored or jointly sponsored educational activities. We are required to identify all relevant financial relationships with any commercial interest; determine whether these relationships create a conflict of interest with the individual's control or content and resolve all conflicts before the educational activity occurs.

The Medical Society of the State of New York relies upon Course Directors, planners, moderators and invited faculty participants in its CME programs to provide educational information that is objective and free from bias. In this spirit, and in accordance with the ACCME Standards for Commercial Support, Course Directors, planners, moderators and faculty participants are expected to disclose the existence of any significant financial interest or other relationship the faculty member (spouse or partner) or provider has with the manufacturer of any commercial product discussed in an educational presentation.

All are expected to disclose:

- Any relevant financial relationship with the provider of commercial products or services discussed in their educational presentation or that have directly supported the CME activity through an educational grant to the sponsoring organization(s).
- *And*
If the product he/she will be discussing is not labeled for the use under discussion of that the product is still investigational.

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.

Pertti Aarnio, MD, PhD	Nothing to Disclose
Suko Adiarto, MD	Nothing to Disclose
Motaz M. Al-Yafi	Nothing to Disclose
Aurel Andercou, MD	Nothing to Disclose
Hananto Andriantoro, MD	Nothing to Disclose
Lindsay Brown, PhD	Nothing to Disclose
C. Chandrasekhar, MBBS	Nothing to Disclose
John B. Chang, MD	Nothing to Disclose
Iwan Dakota, MD	Nothing to Disclose
Dipak Das, PhD	Nothing to Disclose
John A. Elefteriades, MD	Nothing to Disclose
Elok Erlita Nur Farradina, MD	Nothing to Disclose
Soitirou Fukushima, MD	Nothing to Disclose
Robert Hacker, MD	Nothing to Disclose
Arinto Bona Adji Hardjosworo, MD	No Disclosure Received
Ganesja Mulia Harimurti, MD	Nothing to Disclose
M. Hendarto, MD	Nothing to Disclose
Yuji Hoshino, MD	Nothing to Disclose
RWM Kaligis, MD	Nothing to Disclose
Harmani Kalim, MD	No Disclosure Received
Sung-Gwon Kang, MD	No Disclosure Received
Manoefris Kasim, MD	Nothing to Disclose
Jang Young Kim, MD, PhD	Nothing to Disclose
G. Klug, MD	No Disclosure Received
J. Ernesto Molina, MD, PhD	Nothing to Disclose
Dicky H. Muhammad, MD	Nothing to Disclose
Erwin Mulia, MD	Nothing to Disclose
Ketut Muliarta, MD	Nothing to Disclose
Balazs Nemes, MD	Nothing to Disclose
Toshiya Nishibe, MD	No Disclosure Received
Takao Ohki, MD, PhD	No Disclosure Received
Hajime Ohtani, MD	No Disclosure Received
Otmar M. Pachinger, MD	Nothing to Disclose
Nur Permatasari, MD	Nothing to Disclose
Kailash Prasad, MD, PhD	Nothing to Disclose
Febtusia Puspitasari, MD	Nothing to Disclose
Salva Reverentia, MD	Nothing to Disclose
Mohammed Saifur Rohman, MD	Nothing to Disclose
Zoltan Ruzsa, MD	Nothing to Disclose
Hitoshi Sakuda, MD	Nothing to Disclose
Korvangattu Sankaran, MD	Nothing to Disclose
Anwar Santoso, MD	No Disclosure Received
R.K. Satuman, MD	Nothing to Disclose
Ade Seniorita, MD	Nothing to Disclose
Rajinder P. Sharma, MD	Nothing to Disclose

Presenter Disclosures (Continued)

Ahmed Shoker, MD	Nothing to Disclose
Kota Shukuzawa, MD	Nothing to Disclose
Taofan Siddiq, MD	Nothing to Disclose
Rasjid Soeparwata, MD	No Disclosure Received
Ismoyo Sunu, MD	Nothing to Disclose
Tahir Tak, MD	Nothing to Disclose
Reo Takizawa, MD	Nothing to Disclose
Teppei Toya, MD	Nothing to Disclose
Kousuke Tsumura, MD	Nothing to Disclose
Belma Turan, MD	Nothing to Disclose
Saji Jose Vadassery, MD	No Disclosure Received
Hannah R. Vasanthi, PhD	Nothing to Disclose
Titin Andri Wihastuti, MD	No Disclosure Received
Wai-ki Yiu, MD	Nothing to Disclose



MENTERI KESEHATAN
REPUBLIK INDONESIA

**53rd ANNUAL WORLD CONGRESS
OF THE INTERNATIONAL COLLEGE OF ANGIOLOGY
FOREWORD**

**BY
H.E. Dr. ENDANG RAHAYU SEDYANINGSIH, MPH, Dr. PH.
MINISTER OF HEALTH OF THE REPUBLIC OF INDONESIA**



It gives me a great pleasure to welcome the organization of the 53rd Annual World Congress of the International College of Angiology in Nusa Dua - Bali, Indonesia. This world congress is very important, since it gives opportunities for physicians and allied healthcare personnel - interested in research, education, and clinical investigation in the field of cardiovascular medicine and surgery – to learn new techniques and technologies and to share their experiences, ideas, and innovations.

Cardiovascular diseases belong to the top growing killers in the world. According to the 2007 Basic Health Research, their prevalence in Indonesia is 7.2 % and they are closely related to the life style and eating pattern of the society.

One public health challenge that Indonesia faces today is the double burden of health care. On the one hand communicable disease problem still have to be addressed, on the other hand non-communicable diseases are on the rise. The results of the 2007 Basic Health Research indicate that the proportion of non-communicable disease mortality among all ages increased from 41.7% in 1995 to 59.5% in 2007 in Indonesia. The mortalities are caused by stroke (15.4%), hypertension (6.8%), injuries (6.5%), diabetes mellitus (5.7%), neoplasm and cancer (5.7%), lower tract respiratory diseases (5.1%), and cardiac diseases (4.6%). Therefore, the Government of Indonesia is at present conducting the *Clean and Healthy Life Style Program*. Promotion of good hygiene and sanitation, balanced diet, physical activity, avoidance of tobacco and alcohol consumptions, and good management of stress are included in the program. The program is meant to decrease morbidities and mortalities caused by communicable diseases and non-communicable diseases – including cardiovascular diseases.

I hope that the congress will come up with new ideas and innovations in promotive, preventive, curative and rehabilitative aspects of cardiovascular diseases in order to improve the health status and the quality of life of the people all over the world.

Thank you.

**MINISTER OF HEALTH
OF THE REPUBLIC OF INDONESIA**

dr. Endang Rahayu Sedyaningsih, MPH, Dr. PH

53rd Annual World Congress
Grand Hyatt Nusa Dua Bali Resort
Bali, Indonesia • September 18-20, 2011

Chairman, Local Organizing Committee Welcome Address



RWM Kaligis, MD, FIHA, FAsCC, FICA
Head, Vascular Division, Department of Cardiology and Vascular Medicine, Faculty of Medicine,
University of Indonesia, National Cardiovascular Center, Jakarta, Indonesia.

Dear Colleagues:

It is a great honor and pleasure for us to host the 53rd Annual Scientific Meeting of the International College of Angiology, to be held in the Grand Hyatt International Convention Center, Nusa Dua, Bali.

We believe that this annual scientific meeting will serve the purpose of becoming the forum for intense discussion of the latest advancement in the field of vascular medicine. Renowned vascular medicine specialists from around the world have been scheduled to update you with the current guidelines and evidence based practice. Some sessions will also highlight the results of interesting basic and clinical vascular research.

Bali is well known to be the heart of Indonesian tourism. It has everything to offer: the beautiful view, amazing traditional culture, the warmth of the people, and excellent culinary services, from which nickname "The Island of God" came from. Thus, we believe your visit to Bali will be worthwhile.

Finally, on behalf of the Organizing Committee, I would like to greet all of you with our warmest welcome.

Sincerely,

RWM Kaligis, MD, FIHA, FAsCC, FICA

53rd Annual World Congress

Program Chairman's Welcome



John B. Chang, MD, FACS, FICA

**Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, New York
Adjunct Professor, Clinical Surgery, Albert Einstein College of Medicine, New York**

Dear Members and Guests:

It is my personal honor to greet you at the 53rd Annual World Congress of the International College of Angiology in beautiful Bali, Indonesia. Our Scientific Committee headed by Professor Kailash Prasad, and Executive Director, Ms. Denise M. Rossignol, have diligently worked hard through this past year along with our excellent local organizing committee headed by Dr. RWK Kaligis and Dr. Iwan Dakota.

During our Congress you will meet new friends and renew friendships with old colleagues. The Scientific Podium will highlight some of the newest cutting edge in scientific presentations, complimented by outstanding discussions with faculty and audience. This Congress will also highlight some of the regional vascular issues and the current progress in their management. In addition, the Research Achievement Award, the highest honor granted to our members in good standing and selected by the Scientific Committee, will be awarded. We will also entertain Young Investigators Award to stimulate and promote scientific endeavors of our younger members.

The local organizing committee members and officers will be on hand to greet you and make your stay most enjoyable, not only on the scientific podium, but at the planned social events on the beautiful beach of Bali ~ "The Island of Paradise."

I personally look forward to meeting each and every one of you at the Congress. As you know, next year's venue will take place in Dublin, Ireland for the 54th Annual World Congress.

Sincerely,

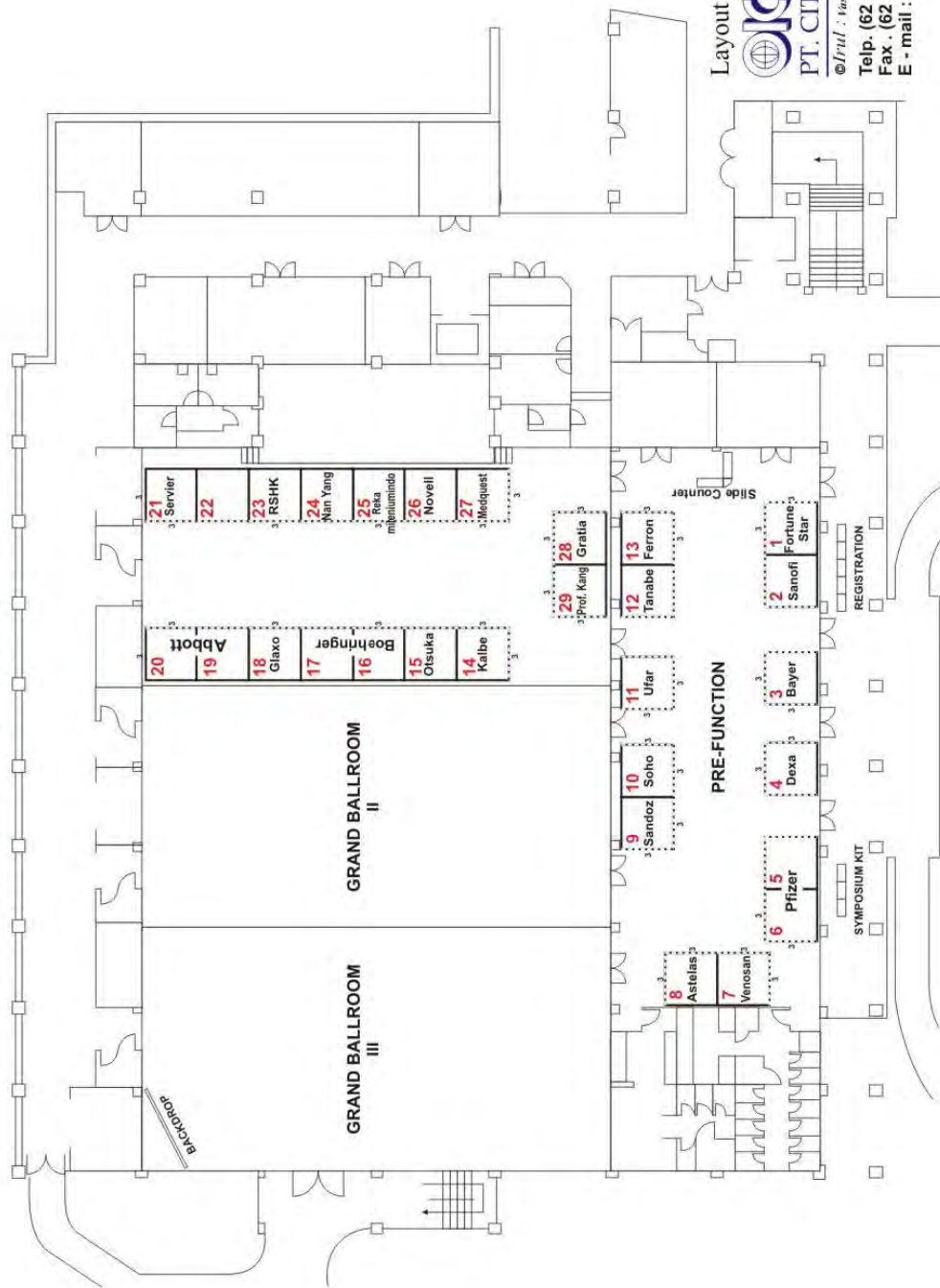
A handwritten signature in black ink, which appears to read "John B. Chang". The signature is fluid and cursive, written on a white background.

John B. Chang, MD, FACS, FICA
Chairman, Board of Directors
Scientific Program Chairman

53 rd ANNUAL WORLD CONGRESS • ICA 2011 • SCIENTIFIC PROGRAM AT-A-GLANCE							
Sunday 18 September		Monday 19 September		Tuesday 20 September		Wednesday 21 September	
		8.00 9.00	Professor Kailash Prasad Oration Lecture Surgical Treatment of Aortic Aneurysms	8.30 10.30	French Paradox Revisited	DAY OF DEPARTURE POST- CONGRESS TOURS	
		9.00 10.15	Endovascular Repair of Arterial Aneurysms				
		10.15 10.30	Coffee Break	10.30 10.45	Coffee Break		
		10.30 11.30	Carotid Stenting and Vascular Surgery	10.45 11.30	Cardiac Arrhythmias and Stroke/Cardiac Function		
		11.30 12.30	Current Status and Future Horizons of Vascular Surgery	11.30 12.30	Venous Thromboembolism		
		12.30 13.30	Pharmacotherapy for Peripheral Artery Disease: A Vascular Surgeon's Perspective <i>A Special Luncheon Session</i>	12.30 13.30	Prof. John B. Chang Research Achievement Award The Need for Reoperation after Failed Transaxillary Decompression in Paget- Schroetter Syndrome <i>Special Luncheon Session</i>		
	13.30 14.00	Opening Ceremony, Opening Remarks & Indonesian Minister of Health Welcome Address Distinguished Service Award	13.30 14.30	Coronary Artery Disease	13.30 14.00		Professor John B. Chang Oration Lecture Bovine Aortic Arch—A Marker for Thoracic Aortic Disease
	14.00 14.30	Prof. Albert Senn Memorial Lecture Do Statins Have a Role in Reduction of Incidence of Post-PCI Restenosis?	14.30 16.00	Peripheral Vascular Disease	14.00 16.00		Aortic Aneurysms
	14.30 15.00	Prof. Hans J. Hachen Memorial Lecture What Can Be Found in a Cardiovascular Risk Population?	16.00 17.00	Basic Sciences	16.00		Young Investigator Award Presentation • New Fellow Induction Ceremony • Closing Ceremony
	15.00 15.30	Young Investigator Award Competition	17.00	ICA Business Meeting Officers, Scientific Committee & IJA Editorial Board Meeting	REMAINDER OF AFTERNOON FREE		
15.30 17.30	Atherosclerosis	Remainder of Afternoon Free					
17.30	ICA Business Meeting Board of Directors Meeting						
19.00	Welcome Reception Bali House	19.00	"Cultural Night" Dinner				

The 53rd Annual World Congress International College of Angiology The 5th National Symposium on Vascular Medicine

17 - 20 September 2011
GRAND HYATT BALLROOM - NUSA DUA - BALI



53rd Annual World Congress
Bali, Indonesia
September 18-20, 2011

Scientific Program

Sunday, September 18, 2011

13.30 h. – 14.00 h.

Grant Hyatt Nusa Dua Bali Resort

Opening Remarks and Introductions

Introduction By:

President

Takao Ohki, MD, PhD, FICA

Professor of Surgery, Albert Einstein School of Medicine, Bronx, New York; President-Elect and Member, Board of Directors, International College of Angiology; Editor, *International Journal of Angiology*; Chairman, Department of Surgery and Chief, Department of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan.

Program Chairman

John B. Chang, MD, FACS, FICA

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, New York; Adjunct Professor, Clinical Surgery, Albert Einstein School of Medicine, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York, USA.

Vice Chairman, Board of Directors

John A. Elefteriades, MD, FICA

William W.L. Glenn Professor of Cardiothoracic Surgery; Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Section of Cardiothoracic Surgery, Yale University School of Medicine, New Haven, Connecticut, USA.

Chairman, Scientific Committee

Kailash Prasad, MBBS(Hons), MD, PhD, FRCPC, FACC, FICA, FIACS

Professor Emeritus of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Member, Board of Directors, International College of Angiology; Chairman, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.

Local Organizing Committee

Prof. Lilly I. Rilantono, MD, FACC, Honorary Chairman

Trustee, Indonesian Society of Vascular Medicine, Jakarta, Indonesia.

RWM Kaligis, MD, FIHA, FAsCC, FICA, Chairman

Head, Vascular Division, Department of Cardiology and Vascular Medicine, Faculty of Medicine, University of Indonesia, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

Dahlan Murnizal, MD, Vice Chairman

Head, Department of Vascular Surgery, Faculty of Medicine, University of Indonesia, RSCM Hospital, Jakarta, Indonesia.

Iwan Dakota, MD, FICA, FACC, FESC, FSCAI, Secretary

Regional Secretary, Membership Committee, International College of Angiology; Director of General Affairs and Human Capital, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

Ismoyo Sunu, MD, FICA, Treasurer

Department of Cardiology and Vascular Medicine, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

Prof. Harmani Kalim, MD, MPH, FIHA, FAsCC, Head, Local Scientific Committee

Chair, Indonesian Heart Association Collegium

Welcome Address

(Hon.) Dr. Endang Rahayu Sedyaningsih, MPH, Dr.PH

Minister of Health of the Republic of Indonesia.

RWM Kaligis, MD, FIHA, FAsCC, FICA

Chairman, Local Organizing Committee; Head, Vascular Division, Department of Cardiology and Vascular Medicine, Faculty of Medicine, University of Indonesia, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

Sunday, September 18, 2011 (Continued)

13.30 h. – 14.00 h.

Opening Address

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

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, Uniondale, New York; Adjunct Professor, Clinical Surgery, Albert Einstein School of Medicine, Bronx, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York, USA.

Distinguished Service Award

This award is the first to be awarded by the Board of Directors of the International College of Angiology to a member of the College who has made significant contributions in the cardiovascular field, tireless promotion of education and research, and extended valuable services to the International College of Angiology.

Introduction By:

John A. Elefteriades, MD, FICA

William W.L. Glenn Professor of Cardiothoracic Surgery; Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Section of Cardiothoracic Surgery, Yale University School of Medicine, New Haven, Connecticut, USA.

Presentation By:

Kailash Prasad, MBBS(Hons), MD, PhD, FRCPC, FACC, FICA, FIACS

Professor Emeritus of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Member, Board of Directors, International College of Angiology; Chairman, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.

Presentation To:

John B. Chang, MD, FACS, FICA

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, Uniondale, New York; Adjunct Professor, Clinical Surgery, Albert Einstein School of Medicine, Bronx, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York, USA.

•
14.00 h. – 14.30 h.

First Scientific Session

Professor Albert Senn Memorial Lecture

Do Statins have a Role in Reduction of Incidence of Post-PCI Restenosis?

A Special Lecture

This memorial lecture is given in memory of the late Professor Albert Senn, who was internationally renowned in the field of cardiovascular surgery, and a stalwart for the International College of Angiology. This memorial lecture will be given by Professor Kailash Prasad on the topic, "Do Statins have a Role in Reduction of Incidence of Post-PCI Restenosis?"

Introduction By:

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

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, New York; Adjunct Professor, Clinical Surgery, Albert Einstein School of Medicine, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York, USA.

Presentation By:

Kailash Prasad, MBBS(Hons), MD, PhD, FRCPC, FACC, FICA, FIACS

Professor Emeritus of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Member, Board of Directors, International College of Angiology; Chairman, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.

Sunday, September 18, 2011 (Continued)

14.30 h. – 15.00 h.

Second Scientific Session

Professor Hans J. Hachen Memorial Lecture
What can be Found in a Cardiovascular Risk Population?

A Special Lecture

This memorial lecture is given in the memory of the late Professor Hans J. Hachen, who enriched the International College of Angiology with his wisdom and support. He was internationally renowned for his expertise in cardiovascular disease, and was a stalwart for the International College of Angiology. The memorial lecture will be given by Professor Pertti Aarnio on the topic, "What can be Found in a Cardiovascular Risk Population?"

Introduction By:

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

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, New York; Adjunct Professor, Clinical Surgery, Albert Einstein School of Medicine, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York, USA.

Presentation By:

Pertti Aarnio, MD, PhD, FICA

Professor of Surgery; Member, Board of Directors and Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Department of Surgery, Satakunta Central Hospital and University of Turku, Pori, Finland.

15.00 h. – 15.30 h.

Third Scientific Session

Young Investigator Award Presentations

The aim of this forum is to encourage young basic scientists, physicians, and surgeons to engage in high quality research that forms the basis of future advances in pathophysiology, diagnosis, and treatment aspects of disease. This session provides selected presentations of high quality research in the field of angiology by young investigators, the future partners of the healthcare delivery system.

Moderators:

Pertti Aarnio, MD, PhD, FICA

Professor of Surgery; Member, Board of Directors and Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Department of Surgery, Satakunta Central Hospital and University of Turku, Pori, Finland.

Kailash Prasad, MBBS(Hons), MD, PhD, FRCPC, FACC, FICA, FIACS

Professor Emeritus of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Member, Board of Directors, International College of Angiology; Chairman, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.

15.00 Endovascular Treatment as a Reasonable Alternative Option for Extensive Chronic Total Occlusion of the Iliac Artery: Jang Yong Kim, MD, PhD, FICA, Inha University College of Medicine, Incheon, South Korea.

15.10 A Single Surgeon's 35-Year Experience with Carotid Endarterectomy: Robert Hacker, MD, North Shore-LIJ Healthcare System, New Hyde Park, New York, USA.

Questions and Answers with Audience Participation

Sunday, September 18, 2011 (Continued)

15.30 h. – 17.00 h.

Fourth Scientific Session

Atherosclerosis

This session deals with the effect of extract of pericarp of mangosteen on serum lipids, inflammatory mediators, and atherosclerosis. It also describes the inability of cyclosporine to prevent hypercholesterolemic atherosclerosis.

Moderators

Hananto Andriantoro, MD, FICA

Faculty Member, Department of Cardiology and Vascular Medicine, University of Indonesia, National Cardiovascular Center; President Director, Harapan Kita Hospital, Jakarta, Indonesia.

Anwar Santoso, MD, PhD

National Cardiovascular Center, Harapan Kita, Jakarta, Indonesia.

- 15.30 **Effect of Extract from Pericarp of Mangosteen (*Garcinia mangostana* Linn) as an Anti-Inflammatory Agent in Rat Models with Atherosclerosis:** Salva Reverentia, MD, Faculty of Medicine, University of Muhammadiyah Malang, East Java, Indonesia
- 15.40 **Effect of Mangosteen Pericarp as a Lipid Lowering Agent in Atherosclerotic Rat Models:** Elok Erlita Nur Farradina, MD, Saiful Anwar General Hospital, East Java, Indonesia.
- 15.50 **Correlation Between the Level of LP-PLA2, MDA, F2-ISP Serum, Aorta, and the Number of Foam Cells in Atherogenesis Process of Wistar Rats:** Professor Djanggan Sargowo, MD, Saiful Anwar General Hospital, East Java, Indonesia.
- 16.00 **The Influence of Extract from Pericarp of Mangosteen (*Garcinia Mangostana* Linn) as an Antioxidant in Atherosclerotic Rat Models:** Dicky H. Muhammad, MD, Faculty of Medicine, Brawijaya University, Saiful Anwar Hospital, East Java, Indonesia.
- 16.10 **Effect of Mangosteen Extract as an Anti-Inflammatory Agent (Inhibiting NF- κ B Activation, Decreasing the Level of TNF- α and IL-1) in Rat Models Fed a High Cholesterol Diet:** Ade Senorita, MD, Brawijaya University, Malang, East Java, Indonesia.
- 16.20 **Cyclosporine-A (CsA) does not Attenuate High Cholesterol-Induced Atherosclerosis in Rabbits:** Ahmed Shoker, MD, FRCPC, College of Medicine, Royal University Hospital, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.
- 16.30 **Pericarp of Mangosteen Inhibits Nuclear Factors κ B's (NF- κ B) Activation and Reduces ICAM-1's and IL-6's Expression in High Cholesterol Diet Mice:** Dr. Hendarto, Medical Faculty of Brawijaya, University Saiful Anwar General Hospital, Malang, Indonesia.

Questions and Answers with Audience Participation

Monday, September 19, 2011

08.00 h. – 09.00 h.

Fifth Scientific Session

**Professor Kailash Prasad Oration Lecture
Surgical Treatment of Aortic Aneurysms**

A Special Lecture

This special oration lecture provides a long-term personal experience on the open repair of abdominal aortic aneurysms. The criteria of non-resective repair of AAA's and endovascular repair of aneurysms, and the advantages of open repair of AAA's will be discussed.

Introduction By:

John A. Elefteriades, MD, FICA

William W.L. Glenn Professor of Cardiothoracic Surgery; Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Section of Cardiothoracic Surgery, Yale University School of Medicine, New Haven, Connecticut, USA.

Presentation By:

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

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, New York; Adjunct Professor, Clinical Surgery, Albert Einstein School of Medicine, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York, USA.

Monday, September 19, 2011 (Continued)

09.00 h. – 10.15 h.

Sixth Scientific Session

Endovascular Repair of Arterial Aneurysms

This sessions features endovascular repair of aortic aneurysms and acute type B aortic dissection.

Moderators:

Tarmizi Hakim, MD

Head, Department of Cardiovascular Surgery, Faculty of Medicine, University of Indonesia, Harapan Kita Hospital, Jakarta, Indonesia.

Takao Ohki, MD, PhD, FICA

Professor of Surgery, Albert Einstein School of Medicine, Bronx, New York; President and Member, Board of Directors, International College of Angiology; Editor, *International Journal of Angiology*; Chairman, Department of Surgery and Chief, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan.

- 09.00 **Treating Mycotic Aortic Aneurysms with Endovascular Stent Graft Repair:** Wai-Ki Yiu, MBBS, PhD, FRCS(Ed), The University of Hong Kong Medical Centre, Queen Mary Hospital, Hong Kong.
- 09.10 **Endovascular Aneurysm Repair is Safe and Effective for Advanced Age Patients:** Kota Shukuzawa, MD, Jikei University School of Medicine, Tokyo, Japan.
- 09.20 **Embolic Complications after Endovascular Treatment of Abdominal Aortic Aneurysms:** Reo Takizawa, MD, Jikei University School of Medicine, Tokyo, Japan.
- 09.30 **Short- and Mid-Term Results of Endovascular Aortic Repair (EVAR) with a Separated Stent Graft to Treat Abdominal Aortic Aneurysms (AAAs):** Iwan Dakota, MD, FICA, Faculty of Medicine, University of Indonesia, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.
- 09.40 **Thoracic Endovascular Aortic Repair with "Seal Thoracic Flex" Stent Grafts: Early Clinical Outcome:** Sung-Gwon Kang, MD, PhD, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.
- 09.50 **Endovascular Repair of Acute Type B Aortic Dissection: Early Results and Aortic Wall Changes:** Sung-Gwon Kang, MD, PhD, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

Questions and Answers with Audience Participation

10.15 h. – 10.30 h. – **Coffee Break**

10.30 h. – 11.30 h.

Seventh Scientific Session

Carotid Stenting and Vascular Surgery

This session provides the advances in carotid stenting (CS), carotid endarterectomy (CEA) vs. CS in ischemic stroke, the necessity of perforator vein surgery, and collagen patch for the control of bleeding during vascular surgery.

Moderators:

Iwan Dakota, MD, FICA, FACC, FESC, FSCAI

Secretary, Local Organizing Committee; Regional Secretary, International College of Angiology; Director of General Affairs and Human Capital, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

Professor Teguh Ranakusuma, MD

Head, Department of Neurology, RSCM Hospital, Jakarta, Indonesia.

Sunarya Soerianata, MD, FACC, FESC, FSCAI

Head, Department of Interventional Cardiology, Harapan Kita Hospital, Jakarta, Indonesia.

- 10.30 **Is Perforator Vein Surgery Necessary? SEPS for Chronic Venous Insufficiency Due to Residual Incompetent Perforators:** Yuji Hoshino, MD, Saiseikai Fukuoka General Hospital, Fukuoka, Japan.
- 10.40 **Carotid Stenting with Embolic Protection: Single-Center Experience:** Balázs Nemes, MD, PhD, Heart Center, Semmelweis University, Budapest, Hungary.
- 10.50 **TachoComb Surgical Collagen Patch for Control of Bleeding in Vascular Surgery—A Randomized Controlled Study:** Teppei Toya, MD, Jikei University School of Medicine, Tokyo, Japan.
- 11.00 **CEA vs CAS in Ischemic Stroke: What does Current Evidence Say?** Prof.Dr.med. Rasjid Soeparwata, MD, Faculty of Medicine, University of Indonesia/RSCM-Kencana, National Cardiac Center, Harapan Kita Hospital, Jakarta, Indonesia.

Questions and Answers with Audience Participation

Monday, September 19, 2011 (Continued)

11.30 h. – 12.30 h.

Eighth Scientific Session

Current Status and Future Horizons of Vascular Surgery

A Special Lecture

This special lecture provides an expert, in-depth view on the current status and future horizons of vascular surgery.

Introduction By:

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

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, Uniondale, New York; Adjunct Professor, Clinical Surgery, Albert Einstein School of Medicine, Bronx, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York, USA.

Presentation By:

Takao Ohki, MD, PhD, FICA

Professor of Surgery, Albert Einstein School of Medicine, Bronx, New York; President and Member, Board of Directors, International College of Angiology; Editor, *International Journal of Angiology*; Chairman, Department of Surgery and Chief, Division of Vascular Surgery, Jikei University School of Medicine, Tokyo, Japan.

Questions and Answers with Audience Participation

12.30 h. – 13.30 h.

Ninth Scientific Session

Pharmacotherapy for Peripheral Artery Disease: A Vascular Surgeon's Perspective

A Special Luncheon Lecture

This special luncheon lecture provides the perspective of a vascular surgeon on the pharmacotherapy for peripheral arterial disease.

Introduction By:

RWM Kaligis, MD, FIHA, FAsCC, FICA

Chairman, Local organizing Committee; Head, Vascular Division, Department of Cardiology and Vascular Medicine, Faculty of Medicine, University of Indonesia, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

Presentation By:

Toshiya Nishibe, MD, PhD

Associate Professor of Surgery, Department of Vascular Surgery, Tokyo Medical University Hospital, Tokyo, Japan.

Questions and Answers with Audience Participation

Monday, September 19, 2011 (Continued)

13.30 h. – 14.30 h.

Tenth Scientific Session

Coronary Artery Disease

The educational objectives of this session are to discuss the various aspects related to coronary artery disease including ankle-brachial index, monoclonal biomarker antibodies, microvascular obstruction, climate, and time factors.

Moderators:

Professor Ganesja M. Harimurti, FIHA, FAsCC

Local Organizing Committee Member; Professor of Medicine; Head, Department of Cardiology and Vascular Medicine, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia.

Muhamad Munawar, MD, FACC, FESC, FSCAI

Director, Bina Waluya Cardiac Hospital, Jakarta, Indonesia.

Professor Lily Rilantono, MD, FACC

Honorary Chairman, Local Organizing Committee; Trustee, Indonesian Society of Vascular Medicine; Clinical Professor of Cardiology, Jakarta, Indonesia.

- 13.30 **Correlation of Ankle-Brachial Index with Severity of Coronary Artery Disease—A Preliminary Study:** Erwin Mulia, MD, University of Indonesia, Jakarta, Indonesia.
- 13.40 **Novel Monoclonal Biomarker Antibody Fragmentation Collagen Type IV to Detect Acute Myocardial Infarction Related Perviromonas Gingivalis Infection:** Ketut Muliarta, MD, PhD, Biomedical Laboratory, Brawijaya University, East Java, Indonesia.
- 13.50 **Early Microvascular Obstruction after Acute Myocardial Infarction Predicts Clinical Long-Term Outcome: Data from a 5 Year Follow-up:** G. Klug, MD, University Clinic of Internal Medicine III, Medical University Innsbruck, Innsbruck, Austria.
- 14.00 **Factors that Influence the Time-Point of Acute Myocardial Infarction in Winter Tourists:** Otmar M. Pachinger, MD, FICA, University Clinic of Internal Medicine III, Medical University Innsbruck, Innsbruck, Austria.
- 14.10 **Occurrence of Acute Myocardial Infarction in Winter Tourists: Data from a Retrospective Questionnaire:** Otmar M. Pachinger, MD, FICA, University Clinic of Internal Medicine III, Medical University Innsbruck, Innsbruck, Austria.

Questions and Answers with Audience Participation

Monday, September 19, 2011 (Continued)

14.30 h. – 16.00 h.

Eleventh Scientific Session

Peripheral Vascular Disease

The educational objectives of this session are to discuss the recent developments in the treatment of peripheral vascular disease with special reference to angioplasty and multidisciplinary management of critical limb ischemia, blood pressure changes after closing of patent ductus arteriosus, and pulmonary arteriovenous malformations.

Moderators:

Suko Adiarto, MD, PhD

Vice Head, Research Center, Harapan Kita Hospital, Jakarta, Indonesia.

Professor Sung Gwon Kang, MD

Interventional Radiologist, Harapan Kita Hospital, Jakarta, Indonesia.

Rajinder P. Sharma, MD, FICA

Treasurer and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Editor, *International Journal of Angiology*; Chairman, International Steering Committee, ICA Research and Education Foundation; Division of Vascular and Interventional Radiology, Henry Ford Hospital, Detroit, Michigan, USA.

- 14.30 **Surrogates of Large Artery versus Small Artery Stiffness and Ankle-Brachial Index:** Pertti Aarnio, MD, PhD, FICA, Satakunta Hospital District, Pori, Finland.
- 14.40 **Clinical Impact of Successful Below-the-Knee Angioplasty in Critical Limb Ischemia (One Year Clinical Follow-Up):** Zoltán Ruzsa, MD, Semmelweis University, Budapest, Hungary.
- 14.50 **Pulmonary Arteriovenous Malformations: A Rare Cause of Cyanosis in Children with its Complications and Management:** Professor Ganesja Mulia Harimurti, MD, National Cardiac Center Harapan Kita, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia.
- 15.00 **Comparison of Two Automatic Ankle-Brachial Pressure Index Measurements:** Febtusia Puspitasari, MD, University of Indonesia, National Cardiovascular Center Harapan Kita, Jakarta, Indonesia.
- 15.10 **Reducing Amputation Rate in Critical Limb Ischemia Patients through a Multidisciplinary Management:** Professor Aurel Andercou, MD, FICA, Second Surgical Clinic, Cluj Napoca, Romania.
- 15.20 **Spontaneous Lysis in Acute Bilateral Common Iliac Artery Occlusion:** Ismoyo Sunu, MD, FICA, Faculty of Medicine, University of Indonesia, National Cardiovascular Center Harapan Kita, Jakarta, Indonesia.
- 15.30 **Temporal Changes of Blood Pressure before and after Patent Ductus Arteriosus (PDA) Ligation in Extremely Low Birth Weight (ELBW) Infants:** Korvangattu Sankaran, MD, Royal University Hospital, University of Saskatchewan, Saskatoon, Canada.

Questions and Answers with Audience Participation

Monday, September 19, 2011 (Continued)

16.00 h. – 17.00 h.

Twelfth Scientific Session

Basic Sciences

This session deals with the role of a high fat diet, and other dietary components on the inflammatory mediators involved in the development of atherosclerosis.

Moderators:

Kailash Prasad, MBBS(Hons), MD, PhD, FRCPC, FACC, FICA, FIACS

Professor Emeritus of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Member, Board of Directors, International College of Angiology; Chairman, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.

Professor Karmel Tambunan, MD

Head, Sub-Division of Hematology and Oncology, RSCM Hospital, Jakarta, Indonesia.

- 16.00 **The Role of Lycopene to Nuclear Factor Kappa BETA (NF-κB) Activities and Intracellular Cell Adhesion Molecule-1 (ICAM-1) Expressions on Leptin-Induced Endothelial Cells:** K. Sautman, MD, Faculty of Medicine, Brawijaya University, East Java, Indonesia.
- 16.10 **The Comparison Amount of Circulating Endothelial Cells (CEC) at Rattus Novergicus Strain Wistar Induced by Various Durations of a High Fat Diet (HFD):** Titin Andri Wihastuti, MD, Faculty of Medicine; Brawijaya University, East Java, Indonesia.
- 16.20 **The Ethanolic Extract of *P. minima* Stimulate NO Release in Vitro and In Vivo—A Poster Presentation:** Nur Permatasari, PharmaD, Brawijaya University, East Java, Indonesia.
- 16.30 **Circadian Expression of Matrix Metalloproteinase and LDL Reception Related Protein-1 mRNA in the Aorta Precede that in the Heart:** Mohammad Saifur Rohman, MD, PhD, Brawijaya University, Dr. Saiful Anwar Hospital, Malang, Indonesia.

Questions and Answers with Audience Participation

Tuesday, September 20, 2011

08.30 h. – 10.30 h.

Thirteenth Scientific Session

French Paradox Revisited

A Special Symposium

This special symposium discusses the recent developments of the benefits of wine which contains resveratrol. The emphasis is on the cardioprotection, modulation of stem cells in cardiac regeneration, atherosclerosis, aging process, and metabolic syndrome by resveratrol. A summary of chemico-biological overview of resveratrol and its analogues will be provided.

Moderators:

Dipak K. Das, PhD, ScD, MD(Hon), FAHA

Professor of Surgery and Director, University of Connecticut School of Medicine, Farmington, Connecticut, USA.

Hajime Ohtani, MD

Professor of Medicine, Second Department of Internal Medicine, Kansai Medical University, Moriguchi City, Osaka, Japan.

- 08.30 **Resveratrol-Modified Stem Cell in Cardiac Regeneration: Role of Micro RNA 20b:** Dipak K. Das, PhD, ScD, MD(hon), FAHA, University of Connecticut School of Medicine, Farmington, Connecticut, USA.
- 08.45 **Resveratrol and Atherosclerosis:** Kailash Prasad, MBBS (Hons), MD, PhD, FRCPC, FACC, FICA, FIACS, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.
- 09.00 **A Novel Antiaging Strategy with Longevinex for Lifestyle-related Disease and Metabolic Syndrome:** Hajime Ohtani, MD, Kansai Medical University, Moriguchi City, Osaka, Japan.
- 09.15 **Polyphenolic Components from Wine as Treatment for the Metabolic Syndrome:** Lindsay Brown, BPharm, PhD, University of Southern Queensland, Toowoomba, Australia.
- 09.30 **Chronic Resveratrol Treatment Protects the Cardiovascular System against Diabetes-Induced Damage while its Direct Effect is Detrimental:** Belma Turan, PhD, Ankara University Faculty of Medicine, Ankara, Turkey.
- 09.45 **French Paradox Revisited—A Chemico-Biological Overview of Resveratrol and its Analogues:** Hannah R. Vasanthi, PhD, School of Life Sciences, Pondicherry University, Pondicherry, India.

Questions and Answers with Audience Participation

10.30 h. – 10.45 h. – **Coffee Break**

Tuesday, September 20, 2011 (Continued)

10.45 h. – 11.30 h.

Fourteenth Scientific Session

Cardiac Arrhythmias and Stroke/Cardiac Function

This session deals with the effects of atrial fibrillation induced stroke and cardiac dysfunction.

Moderators:

Salim Harris, MD

Chair, Indonesian Society of Neurology, Jakarta, Indonesia.

Otmar M. Pachinger, MD, FESC, FAHA, FICA

Professor of Medicine; President-Elect and Member, Board of Directors, International College of Angiology; Chief of Cardiology, Medical University of Innsbruck, Innsbruck, Austria.

Anna Ulfah Rahayoe, MD, FACC, FESC

President, Indonesian Heart Association, Jakarta, Indonesia.

- 10.45 **Echocardiographic Study Demonstrating Significant Differences in Ejection Fraction Measured in Patients During Sinus Rhythm and Atrial Fibrillation/Atrial Flutter—A Poster Presentation:** Tahir Tak, MD, PhD, FICA, Mayo Clinic Health System, La Cross, Wisconsin, USA.
- 10.55 **Stroke Prevention in Atrial Fibrillation: A Lesson Learned from RE-LY Study:** Harmani Kalim, MD, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia.
- 11.05 **Current Unmet Clinical Needs in Stroke Prevention of Atrial Fibrillation:** Anwar Santoso, MD, PhD, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

Questions and Answers with Audience Participation

11.30 h. - 12.30 h.

Fifteenth Scientific Session

Venous Thromboembolism

This session discusses the risk of thromboembolism in hospital, and recent advances in its treatment.

Moderators:

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

Professor of Clinical Surgery, Hofstra North Shore-LIJ School of Medicine, Uniondale, New York; Adjunct Professor, Clinical Surgery, Albert Einstein School of Medicine, Bronx, New York; Chairman, Board of Directors, International College of Angiology; Editor-in-Chief, *International Journal of Angiology*; Director, Long Island Vascular Center, Roslyn, New York; Attending Surgeon, North Shore-Long Island Jewish Healthcare System, New Hyde Park, New York, USA.

Ismoyo Sunu, MD, FICA, FAsCC

Local Organizing Committee; Head, Vascular Clinic, National Cardiovascular Center, Harapan Kita, Jakarta, Indonesia.

- 11.30 **A Cohort Study to Analysis the Risk of Venous Thromboembolism in Patients Admitted to the General Medicine Department, Tan Tock Seng Hospital, Singapore:** Shaji Jose Vadassery, MD, Tan Tock Seng Hospital, Singapore.
- 11.40 **Pulmonary Embolism with Pre-existing Heart Failure:** Hananto Andriantoro, MD, FICA, Faculty of Medicine, University of Indonesia, National Cardiovascular Center Harapan Kita, Jakarta, Indonesia.
- 11.50 **Adjunctive Role of Lumbrokinase in Flight Induced Venous Thromboembolism:** Manoeffris Kasim, MD, FIHA, FACC, Faculty of Medicine, University of Indonesia, National Cardiovascular Center, Harapan Kita, Jakarta, Indonesia.
- 12.00 **Cholesterol Emboli Syndrome—A Case Report:** C. Chandrasekhar, MBBS, Apollo Hospitals, Hyderabad, India.

Questions and Answers with Audience Participation

Tuesday, September 20, 2011 (Continued)

12.30 h. – 13.30 h.

Sixteenth Scientific Session

Professor John B. Chang Research Achievement Award
The Need for Reoperation after Failed Transaxillary Decompression in Paget-Schroetter Syndrome
A Special Luncheon Lecture

The Professor John B. Chang Research Achievement Award is presented annually to a Fellow of the International College of Angiology in recognition of excellence in research and scholarly activity in the field of cardiovascular disciplines.

Introduction By:

Kailash Prasad, MBBS(Hons), MD, PhD, FRCPC, FACC, FICA, FIACS

Professor Emeritus of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Member, Board of Directors, International College of Angiology; Chairman, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.

Presentation By:

Professor J. Ernesto Molina, MD, PhD, FICA

Professor of Surgery; Co-Chairperson, Scientific Committee, International College of Angiology; Editor, *International Journal of Angiology*, Official Journal of the International College of Angiology; Division of Cardiovascular and Thoracic Surgery, Department of Surgery, University of Minnesota, Minneapolis, Minnesota, USA.

•
13.30 h. – 14.00 h.

Seventeenth Scientific Session

Professor John B. Chang Oration Lecture
Bovine Aortic Arch—A Marker for Thoracic Aortic Disease
A Special Lecture

This special oration lecture emphasizes the fact there is an association between the bovine aortic arch and thoracic aortic disease.

Introduction By:

Kailash Prasad, MBBS(Hons), MD, PhD, FRCPC, FCC, FICA, FIACS

Professor Emeritus of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Canada; Member, Board of Directors, International College of Angiology; Chairman, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.

Presentation By:

John A. Eleftheriades, MD, FICA

William W.L. Glenn Professor of Cardiothoracic Surgery; Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Section of Cardiothoracic Surgery, Yale University School of Medicine, New Haven, Connecticut, USA.

Tuesday, September 20, 2011 (Continued)

14.00 h. – 16.00 h.

Eighteenth Scientific Session

Aortic Aneurysms

This session focuses on the recent development in pathogenesis and diagnosis of aortic aneurysms. Particular emphasis is on the treatment of aortic aneurysms, such as endovascular repair, Bentall operation, and various stent grafts.

Moderators:

Maizul Anwar, MD

Head, Department of Cardiothoracic Surgery, Harapan Kita Hospital, Jakarta, Indonesia.

John A. Elefteriades, MD, FICA

William W.L. Glenn Professor of Cardiothoracic Surgery; Vice Chairman and Member, Board of Directors, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Senior Editor, *International Journal of Angiology*; Member, International Steering Committee, ICA Research and Education Foundation; Chief, Section of Cardiothoracic Surgery, Yale University School of Medicine, New Haven, Connecticut, USA.

Prof.Dr.med. Rasjid Suparwata

Head, Department of Cardiothoracic Surgery, Münster Hospital, Münster, Germany.

- 14.00 **Abdominal Aortic Aneurysm with Intracardiac Thrombus: A Rare Finding in a Cadaver at Alfaisal University:** Motaz M. Alyafi, College of Medicine, Alfaisal University, Riyadh, Kingdom of Saudi Arabia.
- 14.10 **Thoracic Aortic Aneurysm with Dissection DeBakey Type III—Hybrid Management and It's Complications: A Case Report:** Iwan Dakota, MD, FICA, Faculty of Medicine, University of Indonesia, National Cardiovascular Center Harapan Kita, Jakarta, Indonesia.
- 14.20 **Saccular Type Juxtarenal Abdominal Aortic Aneurysm Managed with a Customized Aortic Stent: A Case Report:** RWM Kaligis, MD, FICA, Faculty of Medicine, University of Indonesia, National Cardiovascular Center Harapan Kita, Jakarta, Indonesia.
- 14.30 **Tuberculosis—A Very Rare Cause of Mycotic Aortic Aneurysm:** Suko Adiarto, MD, Faculty of Medicine, University of Indonesia, National Cardiovascular Center Harapan Kita, Jakarta, Indonesia.
- 14.40 **Giant Ascending Aortic Aneurysm: A Rare Case:** Taofan Siddiq, MD, Faculty of Medicine, University of Indonesia, National Cardiovascular Center Harapan Kita, Jakarta, Indonesia.
- 14.50 **Early and Mid-Term Usefulness of Endovascular Aneurysm Repair for Abdominal Aortic Aneurysm with the Zenith and Excluder Stent Graft:** Hitoshi Sakuda, MD, Jikei University School of Medicine, Tokyo, Japan.
- 15.00 **Therapeutic Strategies for Visceral Artery Aneurysms:** Soitirou Fukushima, MD, Jikei University School of Medicine, Tokyo, Japan.
- 15.10 **Treatment for Aorto-Duodenal Fistula after Abdominal Aortic Aneurysm Repair—The Role of Endovascular Repair as a Bridge to the Radical Operation:** Kousuke Tsumura, MD, Jikei University School of Medicine, Tokyo, Japan.
- 15.20 **Transcatheter Treatment of Pancreatic Pseudoaneurysms and Massive Duodenal Bleeding:** Rajinder P. Sharma, MD, FICA, Henry Ford Hospital, Detroit, Michigan, USA.
- 15.30 **Single Center Experience: Treating Thoracic Aortic Dissection with a Separated Stent Graft System:** Iwan Dakota, MD, FICA, Faculty of Medicine, University of Indonesia, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.
- 15.40 **Bentall Operation in High Risk Patients:** Arinto Bono Adji Hardjosworo, MD, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

Questions and Answers with Audience Participation

YOUNG INVESTIGATOR AWARD PRESENTATION

NEW FELLOW INDUCTION CEREMONY



CLOSING CEREMONY





ICA Research & Education Foundation

Searching For A Cure For Blood Vessel Disease

Join us in sharing a commitment to improving the future of cardiovascular medicine and surgery

Most leading causes of death in the modern world are related to blood vessel pathology. The field of cardiovascular medicine and surgery (*angiology*) is the field that deals with preventing, diagnosing, and treating vascular and blood vessel related diseases.

With an increased burden of vascular disease in our aging population, the ongoing convergence of physicians with interest in cardiovascular medicine and surgery is paramount.

In order for critical advancements to take place in our specialty, the continued quest for knowledge in both research and education is of the utmost importance.

The **International College of Angiology** and its renowned international leadership, is embarking on an international initiative—**The ICA Research and Education Foundation**. This combined international effort will reach out to our membership at-large, as well as our scientific and corporate community, to generate the essential resources needed to facilitate research and education.

The ICA Research and Education Foundation is the charitable foundation of the International College of Angiology (ICA). The Foundation's mission is to improve the future of cardiovascular medicine and surgery

Mission Statement

This Foundation is committed to advancement of research and development of socioeconomic issues, and is dedicated to establishing educational programs appropriate to practicing physicians and surgeons. The Endowment Research and Education Foundation of the College will proactively seek support for education, basic and clinical research, and explore key areas to generate vital resources to provide a forum for education, leading the practitioner into the future of an ever evolving field of cardiovascular diseases. The ultimate goal of the College is to improve healthcare delivery through various avenues of dissemination of knowledge.

Member Gifts

Since its inception in May 2009, the ICA Research and Education Foundation would like to thank the following donors for their gifts:

Platinum Level - \$25,000+

John B. Chang, MD
Lucy J. Chang, MD
Rajinder P. Sharma, MD

Silver Level - \$5,000+

Sibu P. Saha, MD, MBA

Bronze Level/Leadership Circle - \$1,000+

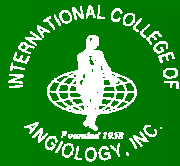
David G. Stanley, MD
Choi-Keung Ng, MD
Thomas F. Whayne, Jr., MD, PhD
Malka Yahalom, MD, DSc

Foundation Contributors

Elie D. Aboulafia, MD
Robert Albrecht, MD
Jose Alemany, MD
Aurel Andercou, MD
Octavian Andercou, MD
Andreia P. Andreev, MD, PhD
Makishige Asano, MD
Nobuyoshi Azuma, MD
R.K. Caroli, MD
Shamir Omar Cawich, MD
Aashish Chaudhry, MBBS, MS
Gert J. DeBorst, MD, PhD
Robert S. Dieter, MD
John A. Elefteriades, MD
Moses S. Elisaf, MD

Isabelle Fourault-Mas, MD
Randall W. Franz, MD
David Harding Gould, MD
Michael H. Hall, MD
Yoshiharu Hamanaka, MD
Naoki Haruta, MD
Masashi Inaba, MD
Yuichi Izumi, MD
Thomas Jahnke, MD, PhD
Dong-Ik Kim, MD
Toshihiko Koeda, MD
Päivi E. Korhonen, MD
Anil S. Mane, MBBS, MD
Hiroshi Matsuo, MD
J. Ernesto Molina, MD

Stefan Meuller-Huelsbeck, MD, PhD
Sergio Neri, MD
Thomas Panetta, MD
Mayank V. Patel, MD
Jeffrey T. Prem, MD
Edward Ross, MD
Peter Roth, MD
Farouq A. Samhoury, MD
Nicolas W. Shammash, MD
Anand Somaya, MS
Eiji Tamiya, MD
Masaki Tomikawa
Sudesh Vasdev, DVM, PhD
Josef Veselka, MD, PhD
Felix G. Vladimir, MD



54th Annual World Congress • ICA 2012

International College of Angiology

Save the Date



Dublin, Ireland
September 2012
Royal College of Surgeons Ireland



Join your colleagues from around the world, earn CME, and explore key areas rapidly expanding in cardiovascular medicine and surgery. ICA 2012 is designed to meet the specific educational needs of medical professionals involved with the management and treatment of cardiovascular diseases as they are encountered by primary care physicians, vascular, general, thoracic and cardiovascular surgeons, cardiologists, interventional radiologists, neuroradiologists, fellows and residents of the above specialties, vascular biologists and their staff, and nurses.

The objective of the Annual World Congress is to offer a serious academic forum to those physicians and allied healthcare personnel interested in research, education, and clinical investigation in the field of cardiovascular medicine and surgery. The congress is intended to provide an in-depth review of the spectrum of topics related to the management and treatment of patients with cardiovascular and vascular disease. Special emphasis will be placed upon evolving trends, therapies, and minimally invasive treatment of cardiovascular disease.

This annual world congress will feature an internationally renowned faculty, and recognized leaders will discuss state-of-the-art techniques in the diagnosis and treatment of vascular disease. Live video case presentations, didactic lectures, panel discussions, debates, and question and answer sessions will highlight the most challenging, and controversial topics and procedures performed in interventional medicine. We encourage all of our colleagues to participate in this growing educational program by submission of a formal abstract for a standard oral, poster, or video presentation.

The 2012 program will focus on surgical, percutaneous, and medical management. From peripheral vascular disease to coronary and cerebrovascular disease and abdominal aortic aneurysm, this congress will offer a comprehensive review of what is new in techniques, approaches, and prevention.

Program Highlights

■ Advances in Endovascular and Interventional Procedures—Tips and Tricks ■ Carotid Arterial Interventions—CEA vs. CAS ■ Advances—Controversies—Latest Concepts in Cardiovascular Medicine and Surgery ■ Debates in Cardiovascular Medicine ■ The Future of Wound Care ■ Up-to-Date Techniques for the Treatment of Peripheral Vascular Disease—Techniques and Results ■ Contemporary Treatment in Venous Disease ■ Thoracic Arch—AAA—Open Procedure vs. Stent vs. Hybrid or Combined? ■ Preventive Cardiology—Atherosclerosis—Risk Management—Prevention and Innovative Alternative Medicines ■ Young Investigator Award Competition—Your Glory or Disaster—Video Presentations ■ Oral, Video, and Poster Presentation Sessions

This Congress is jointly sponsored by the Medical Society of the State of New York



DUBLIN—A CITY OF CONTRASTS

NOTES

NOTES

NOTES

Acknowledgments

The International College of Angiology and the Local Organizing Committee wish to thank the following individuals and companies for their generous support of our 53rd Annual World Congress:

Astellas Pharma
Boehringer Ingelheim
Endang Rahayu Sedyaningsih, MD, MPH, DrPH, Minister of Health, Republic of Indonesia
Indonesian Heart Association
Indonesian Society of Vascular Medicine
Faculty of Medicine, University of Indonesia
National Cardiovascular Center, Harapan Kita Hospital
W.L. Gore & Associates, Inc.

The International College of Angiology and Local Organizing Committee for the 53rd Annual World Congress would like to extend our special acknowledgment for the contribution of following individuals who have made this Congress possible:

Prof. Sjukri Karim, FACC
Founder, Indonesian Society of Vascular Medicine
Prof. Ganesha Mulia Harimurti, MD, FACC
Chair, Department of Cardiology and Vascular Medicine
Faculty of Medicine, University of Indonesia
Anna Ulfah Rahayoe, MD, FACC, FESC
President, Indonesian Heart Association
Hananto Andriantoro, MD, FICA
President and Director, National Cardiovascular Center Harapan Kita
Aulia Sani, MD, FICA
President, Indonesian Society of Vascular Medicine (ANVIN)
Ismoyo Sunu, MD, FICA
Treasurer, Local Organizing Committee
Rina Dwiningsih
Executive Secretary, Local Organizing Committee and Liason Officer to ICA
Adiawati Tresnareni
Secretary to the Local Organizing Committee



John B. Chang, MD, FICA, FACS, *Program Chairman*
Long Island Vascular Center
1050 Northern Boulevard • Roslyn, New York 11576
+516.484.3430 FAX: +516.484.3482
E-mail: jbchangmd@aol.com

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
Website: <http://www.intlcollegeofangiology.org>
Printed in U.S.A