



International College of Angiology  
54<sup>th</sup> Annual World Congress  
Innsbruck Convention Centre  
Innsbruck ~ Capital of Tyrol ~ Austria  
September 14-16, 2012



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

*Local Organizing Committee*

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Prof. Manfred Deutsch, MD

Prof. Gustav Fraedrich, MD

Prof. Michael Grimm, MD

Prof. Werner Jaschke, MD

Prof. Choi-Keung Ng, MD, FICA

**Scientific Program**



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

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## 54<sup>th</sup> Annual World Congress • ICA 2012 International College of Angiology

**Innsbruck Convention Centre  
Innsbruck, Austria • September 14 – 16, 2012**

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

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New Hyde Park, New York

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Kailash Prasad, M.D., PhD. (2012)

## Professor John B. Chang Research Achievement Award Recipients

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Zhong Gao Wang, M.D. (1996)

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

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# 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

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Head, Department of Interventional Radiology, Medical University of Innsbruck, Innsbruck, Austria.

### Prof. Dr. Choi-Keung Ng, MD, FICA

Professor of Surgery; Vice President, Scientific Council, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Innsbruck, Austria.

# 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 <sup>st</sup> Annual Meeting	Atlantic City, New Jersey
1959	2 <sup>nd</sup> Annual Meeting	Mexico City, Mexico
1960	3 <sup>rd</sup> Annual Meeting	
1961	4 <sup>th</sup> Annual Meeting	
1962	5 <sup>th</sup> Annual Meeting	Las Vegas, Nevada
1963	Caribbean Conference on Angiology	San Juan, Puerto Rico
1964	6 <sup>th</sup> Annual Meeting	
1965	7 <sup>th</sup> Annual Meeting	London, England
1966	8 <sup>th</sup> Annual Meeting	Madrid, Spain
1967	9 <sup>th</sup> Annual Meeting	Las Vegas, Nevada
1968	10 <sup>th</sup> Annual Meeting	Geneva, Switzerland
1969	11 <sup>th</sup> Annual Meeting	Rome, Italy
1970	12 <sup>th</sup> Annual Meeting	Dublin, Ireland
1971	13 <sup>th</sup> Annual Meeting	Copenhagen, Denmark
1972	14 <sup>th</sup> Annual Meeting	London, England
1973	15 <sup>th</sup> Annual Meeting	Lisbon, Portugal
1974	16 <sup>th</sup> Annual Meeting	Montreal, Canada
1974	French Scientific Congress	Paris, France
1975	17 <sup>th</sup> Annual Meeting	Herzalia, Israel
1976	18 <sup>th</sup> Annual Meeting	Tucson, Arizona
1977	19 <sup>th</sup> Annual Meeting	Dublin, Ireland
1978	20 <sup>th</sup> Annual Meeting	Marbella, Spain
1979	21 <sup>st</sup> Annual Meeting	St. Louis, Missouri
1980	22 <sup>nd</sup> Annual Meeting	Vienna, Austria
1981	23 <sup>rd</sup> Annual Meeting: Part I	Zurich, Switzerland
1981	23 <sup>rd</sup> Annual Meeting: Part II	Lisbon, Portugal
1982	24 <sup>th</sup> Annual Meeting	Antwerp, Belgium
1983	25 <sup>th</sup> Annual Meeting	Killarney, Ireland
1984	26 <sup>th</sup> Annual Meeting	San Antonio, Texas
1985	27 <sup>th</sup> Annual Meeting	Hilton Head, South Carolina
1986	28 <sup>th</sup> Annual Meeting	Nice, France
1987	29 <sup>th</sup> Annual Meeting	Montreux, Switzerland
1988	30 <sup>th</sup> Annual Meeting	Amsterdam, The Netherlands
1989	31 <sup>st</sup> Annual Meeting	Rome, Italy
1990	32 <sup>nd</sup> Annual Meeting	Toronto, Canada
1991	33 <sup>rd</sup> Annual Meeting	Singapore
1992	34 <sup>th</sup> Annual Congress	Budapest, Hungary
1993	35 <sup>th</sup> World Congress	Copenhagen, Denmark
1994	36 <sup>th</sup> World Congress	New York, New York
1995	37 <sup>th</sup> World Congress	Helsinki, Finland
1996	38 <sup>th</sup> World Congress	Cologne, Germany
1997	39 <sup>th</sup> Annual World Congress	Istanbul, Turkey
1998	40 <sup>th</sup> Annual World Congress	Lisbon, Portugal
1999	41 <sup>st</sup> Annual World Congress	Sapporo, Japan
2000	42 <sup>nd</sup> Annual World Congress	San Diego, California
2001	43 <sup>rd</sup> Annual World Congress	Berlin, Germany
2002	44 <sup>th</sup> Annual World Congress	New York, New York
2003	45 <sup>th</sup> Annual World Congress	Indianapolis, Indiana
2004	46 <sup>th</sup> Annual World Congress	Lexington, Kentucky
2005	47 <sup>th</sup> Annual World Congress	Uncasville, Connecticut
2006	48 <sup>th</sup> Annual World Congress	Charlotte, North Carolina
2007	49 <sup>th</sup> Annual World Congress	Vancouver, Canada
2008	50 <sup>th</sup> Golden Anniversary Congress	Tokyo, Japan
2009	51 <sup>st</sup> Annual World Congress	Beijing, China
2010	52 <sup>nd</sup> Annual World Congress	Lexington, Kentucky
2011	53 <sup>rd</sup> Annual World Congress	Bali, Indonesia

# 54<sup>th</sup> Annual World Congress General Program Information

## Congress Aim

The overall mission of the 54<sup>th</sup> 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, 2012. 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

### CONGRESS INNSBRUCK (INNSBRUCK CONVENTION CENTRE)

Congress and Messe Innsbruck GmbH  
Rennweg 3  
6020 Innsbruck, Austria  
T. +43.512.5936.1160  
F. +43.512.575607  
I. [www.cmi.at](http://www.cmi.at)

## Location

See the City Map on page 7 for the location of Congress Innsbruck and its relation to your hotel. The convention centre Congress Innsbruck is situated next to the gates of the old city centre. Innsbruck Airport is located approximately 3 km from the city centre which can be reached either by bus or by taxi. Munich Airport, located some 180 km, or a 2-hour drive away. Innsbruck Airport has direct links with **Amsterdam**, Berlin, Bristol, Düsseldorf, Eindhoven, **Frankfurt**, Hamburg, Kiev, Liverpool, **London**, Moscow, **Rotterdam** and **Vienna**.

## Attire

Smart casual attire will be appropriate for almost all congress activities. However, formal attire is required during the Opening Ceremony.

## Name Badges

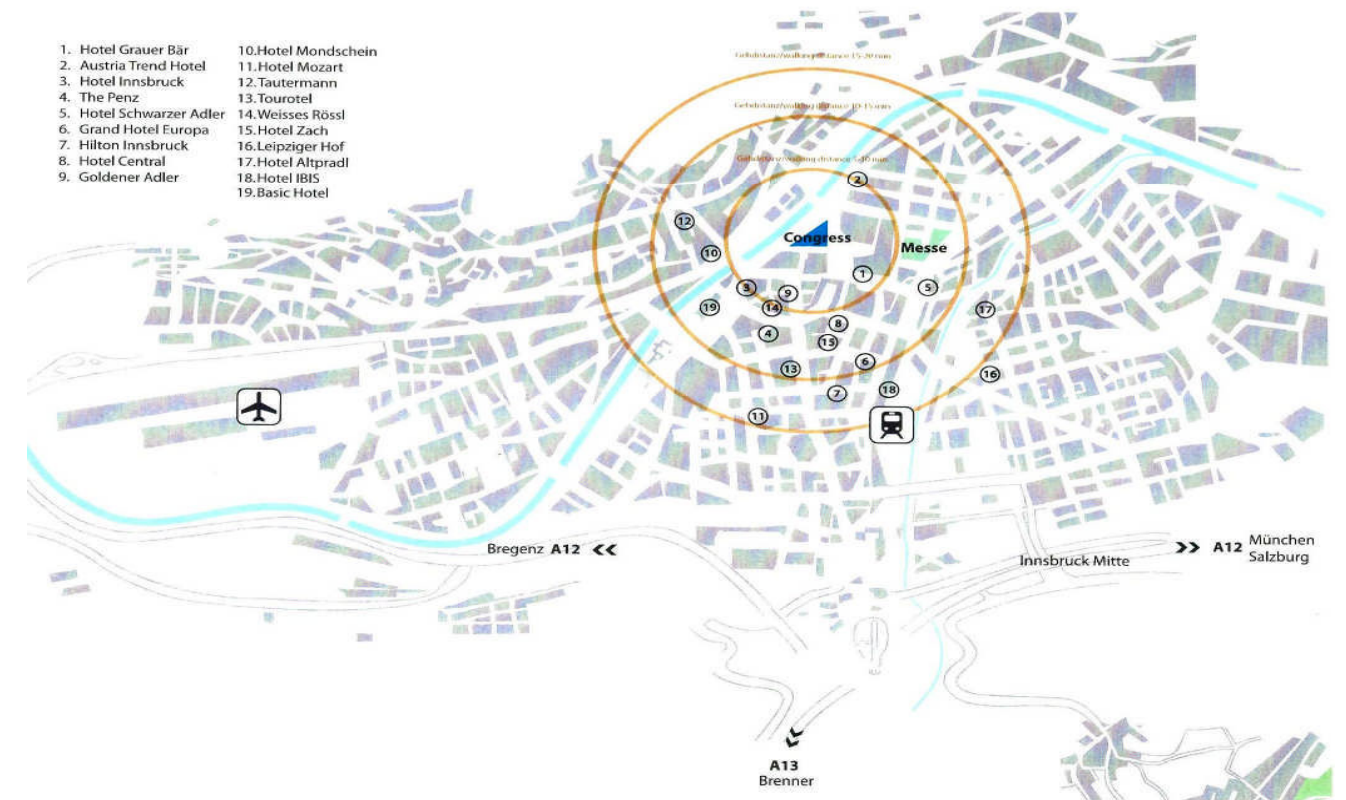
Congress name badges are available at the ICA's Registration Desk at Innsbruck Convention Centre. Upon arrival, please be sure to obtain your congress name badge and materials. We ask that you wear your name badge at all group sponsored functions. It will help you get acquainted with your colleagues.

## Telephone Calls

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

## Voltage

Electricity used is 220-240 volts at 50 cycles.



## Official Travel Agency

The official travel agency for this event is **PCO TYROL CONGRESS**, who will help you on various issues you may have regarding this event. Please contact them for any queries at the following address:

### PCO TYROL CONGRESS

Contact Person: Ina Kähler  
Rennweg 3  
A-6020 Innsbruck, Austria  
T. +43.512.5936.1160  
F. +43.512.575607  
E. [i.kaehler@cmi.at](mailto:i.kaehler@cmi.at)  
I. [www.cmi.at](http://www.cmi.at)

## Registration Desk Hours

The ICA Annual World Congress registration desk will be located in the Foyer of the Innsbruck Congress Centre.

**Friday, September 14** 09.00 h. – 17.00 h.

**Saturday, September 15** 08.30 h. – 16.00 h.

**Sunday, September 16** 09.00 h. – 16.00 h.

## Scientific Sessions

The Scientific Sessions of the 54<sup>th</sup> Annual World Congress will be held in the INNSBRUCK CONGRESS CENTRE.

## Messages

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

## Tourist Information

The tourist information office is located at Burggraben 3, and is open daily from 09.00 h. to 18.00 h.

## City Transportation/Taxi

There is a good public transport system in Innsbruck and its surroundings. Most buses operate until midnight. Detailed information on bus schedules is available at your hotel or at the conference centre. Tickets can be pre-purchased from tobacconists or directly on the buses. Taxis are usually available outside the conference centre's entrance. In case you need support the Angiology 2012 Team will be happy to assist you. A direct number to call a taxi is: ++43.512.5311.

## Parking

There is an underground car park at the Congress Centre. Participants obtain tickets at reduced rates from the doorman's booth. Please note that these reduced fares only apply to the Congress Garage and not to the adjacent City Garage parking facilities. Street parking in the city is available but limited to 90 minutes (indicated by a blue line). Tickets have to be purchased from a blue parking meter, where the appropriate fees are indicated.

### Shopping Hours in the City Centre

Most shops in the Old Town, located next to the conference center, are open daily. Outside the Old Town shops are generally closed on Sundays. During the week, opening hours are usually from 09.00 h. – 18.00 h.

### Weather/Climate

Temperatures depend largely on altitude, with averages 5°C lower for each additional 300 m of elevation. Precipitation is quite evenly distributed over the entire year, but May, September, and the first half of October tends to be the driest. Again, altitude determines the precipitation pattern. Maximum temperatures can reach around 20°C and minimum temperatures are around 8°C.

### 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:

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Pertti Aarnio, MD, PhD .....	Nothing to Disclose
Suko Adiarto, MD, PhD .....	Nothing to Disclose
Hannes Alber, MD .....	Nothing to Disclose
Hananto Andriantoro, MD .....	No Disclosure Received
Thomas Bartel, MD .....	Proctor for Edwards Lifesciences
Mirrer Brooks, MD .....	Nothing to Disclose
Veerendra M. Chadachan, MD, MRCP .....	Nothing to Disclose
John B. Chang, MD .....	Nothing to Disclose
Andreas Chemelli, MD.....	No Disclosure Received
Jung Kee Chung, MD, PhD .....	Nothing to Disclose
Iwan Dakota, MD .....	No Disclosure Received
Jonathan Dean, BSc .....	No Disclosure Received
Manfred M. Deutsch, MD .....	No Disclosure Received
Wolfgang Dichtl, MD, PhD .....	Nothing to Disclose
Julia Dumfarth, MD.....	No Disclosure Received
Christian Ebner, MD.....	No Disclosure Received
John A. Elefteriades, MD .....	Nothing to Disclose
Theodor Fischlein, MD.....	No Disclosure Received
Gustav Fraedrich, MD .....	No Disclosure Received
Matthias Frick, MD.....	No Disclosure Received
Michael Grimm, MD .....	No Disclosure Received
Ingrid Gruber, MD .....	Nothing to Disclose
Shin Hagiwara, MD .....	Nothing to Disclose
Christian Hagl, MD .....	No Disclosure Received
Petr Hájek, MD .....	No Disclosure Received
Masayuki Hara, MD.....	Nothing to Disclose
Naoki Haruta, MD.....	Nothing to Disclose
Anneliese Heinz, MD .....	Nothing to Disclose
Atsushi Ishida, MD, PhD.....	Nothing to Disclose
Manfred Kalteis, MD .....	No Disclosure Received
Päivi E. Korhonen, MD, PhD.....	Nothing to Disclose
Christian Kupatt Jeremias, MD .....	Nothing to Disclose
Tae-Won Kwon, MD, PhD .....	Nothing to Disclose
Gabor Menyhei, MD, PhD.....	No Disclosure Received
J. Ernesto Molina, MD, PhD.....	Nothing to Disclose
Ernesto P. Molmenti, MD, PhD, MBA .....	Nothing to Disclose
Ludwig Müller, MD.....	No Disclosure Received
H.J. Nesser, MD .....	Nothing to Disclose
Otmar M. Pachinger, MD .....	Nothing to Disclose
Sang Jung Park, MD .....	Nothing to Disclose
Janet T. Powell, PhD, MD, FRCPath .....	Nothing to Disclose
Kailash Prasad, MD, PhD .....	Nothing to Disclose
Dinker B. Rai, MD.....	No Disclosure Received
Barbara Rantner, MD, PhD .....	No Disclosure Received

## Presenter Disclosures (Continued)

Anwar Santoso, MD .....	Nothing to Disclose
Rajinder P. Sharma, MD .....	Nothing to Disclose
Ahmed Shoker, MD .....	Nothing to Disclose
Taofan Siddiq, MD .....	No Disclosure Received
Jolanta Siller-Matula, MD, PhD .....	Speakers fees received from Eli Lilly, Daiichi Sankyo, and AstraZeneca, and a research grant from Verum Diagnostica
Regina Steringer-Mascherbauer, MD .....	No Disclosure Received
Ashish Anil Sule, MBBS, MD .....	Nothing to Disclose
Ismoyo Sunu, MD .....	Nothing to Disclose
Tahir Tak, MD .....	Nothing to Disclose
Yoshihiro Uchida, MD .....	Nothing to Disclose
Josef Veselka, MD, PhD .....	Nothing to Disclose
Ernst Weigang, MD, MBA .....	Nothing to Disclose
Malka Yahalom, MD, DSc .....	Nothing to Disclose

## 54<sup>th</sup> Annual World Congress Innsbruck Convention Center Innsbruck, Austria . September 14-16, 2012

### Chairman, Local Organizing Committee Welcome Address



**O.Univ.-Prof. Dr. Otmar M. Pachinger, MD, FESC, FIHA, FICA, *Chairman* Professor of Medicine; President-Elect and Member, Board of Directors, International College of Angiology; Chief of Cardiology, Medical University of Innsbruck, Innsbruck, Austria.**

Dear Colleagues,

On behalf of the Local Organizing Committee it is a great pleasure and honor for me to welcome you to the 54<sup>th</sup> Annual World Congress of the International College of Angiology here at the Congress Innsbruck, Austria. Innsbruck is the Capital of Tyrol, which is in the center of the Alps and Europe. This city hosted twice the Winter Olympic Games in 1964 and 1976.

Since the charter of the International College in 1958 cardiovascular medicine has evolved and expanded tremendously involving vascular, thoracic, cardiovascular surgeons, cardiologists, interventionists, neuroradiologists, vascular biologists, scientist and health care staff trying to integrate all expertise's for an improved management of cardiovascular disease.

There has never been a more exciting time for this field of medicine! The transition to evidence-based medicine has distinguished our spectrum as a modern speciality committed to scientific principles and the highest ethical standards of conduct. We are passionate about experimental and clinical research, fundamental to every important therapy change, and to an innovative development process! We strongly support and promote global and multidisciplinary collaborations. Common themes address unmet clinical needs, pathophysiology and mechanistic understanding, innovative solutions, physician training, and education.

I am personally looking forward to an exciting meeting, and hope Innsbruck offers you an enjoyable and unforgettable stay!

Sincerely,

**Otmar Pachinger,MD, FESC, FAHA, FICA**

# 54<sup>th</sup> 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:

On behalf of the Board of Directors of the International College of Angiology and the Organizing Committee, I would like to extend my personal greeting to each and every one of you attending the 54<sup>th</sup> Annual World Congress of the International College of Angiology in the beautiful city of Innsbruck—Capital of Tyrol.

The Organizing Committee, under the leadership of Professor Otmar M. Pachinger along with our officers and scientific committee have prepared an outstanding and stimulating scientific program for this Congress. Scientific presentations and discussions will be in the arena of angiology, with cutting edge clinical and research information. The Organizing Committee has also made arrangements with special sessions in cardiac and vascular specialties giving stimulating discussions. As part of the congress program, there will be heartwarming memorial and oration lectures, recognizing and paying tribute to our former and present leaders of the College. I express my personal gratitude to our members and officers for their continued support of our society, making these congresses so successful.

During our Congress, you will meet new friends and renew friendships with old friends. The city of Innsbruck will provide you with exciting venues for sightseeing and recreation. The members of the Organizing Committee and officers of our College will be there to assist you in making your stay in Innsbruck most enjoyable.

I personally look forward to meeting each and every one of you at the Congress.

Sincerely,

A handwritten signature in black ink, appearing to read "John B. Chang".

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

# 54<sup>th</sup> Annual World Congress

## President's Address



**Takao Ohki, MD, PhD, FICA**  
**Professor of Surgery and Chairman, Department of Surgery**  
**Jikei University School of Medicine, Tokyo, Japan**

The International College of Angiology achieves dissemination of vascular scientific information through its Annual World Congress where clinical and basic vascular research, diagnostic, and therapeutic options are discussed by the World's most prominent vascular physicians. The Annual World Congress also brings together physicians from all parts of the world irrespective of their specialty. Papers presented at our Annual World Congress are submitted for publication consideration in the official journal of the College, the *International Journal of Angiology*.

This year, the Annual World Congress will be held in Innsbruck, Austria under the leadership of the President-Elect Otmar M. Pachinger, MD, Professor of Medicine, Department of Cardiology, Medical University of Innsbruck, Innsbruck, Austria. As the President of the International College of Angiology, I would like to congratulate and thank Professor Pachinger for hosting the Annual meeting.

Finally, I would like to take this opportunity to thank our Chairman, Board of Directors, Professor John B. Chang for his dedication and passion not only for the advancement of vascular science but also for the well-being of our society, and on a personal note, for inspiring myself till this date.

Takao Ohki, MD, PhD, FICA  
President, International College of Angiology



**ICA 2012 • SCIENTIFIC PROGRAM AT-A-GLANCE**

Friday September 14		Saturday September 15		Sunday September 16		Monday September 17
09.00 09.30	<b>Opening Ceremony Opening Remarks</b>	08.30 09.00	Introduction By: Naoki Haruta, MD <b>Endovascular Thrombectomy</b> Dinker B. Rai, MD	09.00 09.30	<b>Prof. Kailash Prasad Oration Lecture—The Aortic Wall: Four New Insights</b> Prof. John A. Elefteriades	
09.30 10.00	<b>Professor John B. Chang Research Achievement Award The Impact of Interventional Cardiology on Outcomes of Coronary Artery Disease</b> Prof. Dr. Otmar M. Pachinger	09.00 10.30	<b>Vascular Surgery in Europe</b> Moderators: Dr. Gustav Fraedrich & Dr. Janet T. Powell	09.30 10.00	<b>Kidney Transplant and Cytokines</b> Moderator: Prof. Ernesto P. Molmenti	<b>DAY OF DEPARTURE</b>
10.00 10.30	<b>ICA Honorary Fellowship Presentation</b> Prof. Dr. Michael Grimm	09.00	<b>Carotid Artery Stenosis European RCTs—The Carotid Stenting Trials' Collaboration</b> Barbara Rantner, MD, PhD	09.30	Ahmed S. Shoker, MD	<b>POST- CONGRESS TOURS?</b>
10.30 10.45	<b>Coffee Break</b>	09.12	<b>Clinical Practice—The VASCUNET Registry</b> Prof. Gabor Menyhei, MD, PhD	09.45	Jonathan Dean, BSc	
10.45 12.30	<b>Aortic Aneurysms</b> Moderator: Prof. Dr. Christian Hagl	09.24	<b>Abdominal Aortic Aneurysms Updates on Small Abdominal Aortic Aneurysms: Effect on Aneurysm Screening</b> Prof. Janet T. Powell, PhD, MD, FRCPath	10.00 10.30	<b>Prof. John B. Chang Oration Lecture Serial Doppler Studies and Selective Angiographic Interventions to Address Early Transplant Renal Artery Flow Abnormalities</b> Prof. Ernesto P. Molmenti, MD, PhD, MBA	
10.45 11.05	<b>Why Does Aortic Dissection Occur? From Molecular Biology to Clinical Presentation</b> Prof. John A. Elefteriades	09.36	<b>Management—Guidelines from the European Society for Vascular Surgery</b> Ingrid Gruber, MD	10.45	Naoki Haruta, MD	
11.05 11.25	<b>Modern Strategies in Acute Type- A Dissection</b> Prof. Dr. Christian Hagl	09.48	<b>Follow-up after EVAR—Incidence and Relevance of Endoleaks</b> Prof. Andreas Chemelli, MD	10.55	Päivi E. Korhonen, MD, PhD	
11.25 11.45	<b>Management of Type-B Dissection</b> Prof. Dr. Michael Grimm	10.30 10.45	<b>Coffee Break</b>	11.05	Jung Kee Chung, MD, PhD	
11.45 12.00	<b>Role of Endovascular Therapy in Thoracic Aortic Aneurysm</b> Prof. Dr. Ernst Weigang	10.45 12.00	<b>Complex Coronary Revascularization: Geographic Variations in Practice A Round Table Discussion</b> Moderator: Prof. Dr. Otmar M. Pachinger	11.15	Tae-Won Kwon, MD, PhD	
12.30 13.30	<b>Update on the Status of Antiplatelets</b> A Luncheon Symposium Moderator: <i>Matthias Frick, MD</i>	12.00 13.00	<b>Luncheon Break</b>	11.25	Regina Steringer-Mascherbauer, MD	
				12.00 13.00	<b>Luncheon Break</b>	

12.30 12.42	<b>The Role of Ticagrelor in the Treatment of Acute Coronary Syndrome: What do the Guidelines Recommend?</b> Hannes Alber, MD					
12.42 12.54	<b>Antithrombotic Management of A- Fib in PCI Patients</b> Jolanta Siller-Matulla, MD					
12.54 13.06	<b>Ticagrelor vs Prasugrel in ACS Following PCI</b> Matthias Frick, MD					
13.30 15.00	<b>Role of Interventional Therapy in Heart Valve Disease</b> Moderator: Prof. Dr. Theodor Fischlein	13.00 13.30	<b>Prof. Albert Senn Memorial Lecture Lower Extremity Revascularization</b> Prof. John B. Chang	13.00 14.30	<b>Vascular Surgery</b> Moderator: Manfred M. Deutsch, MD	
13.30 13.50	<b>TAVI Patient Selection and Recent Clinical Status</b> PD Dr. Thomas Bartel	13.30 14.45	<b>Cardiovascular Disease</b> Moderator: Prof. Kailash Prasad	13.00	J. Ernesto Molina, MD, PhD	
13.50 14.10	<b>Patient Selection for Surgical Aortic Valve Replacement in Germany</b> Prof. Dr. Theodor Fischlein	13.30	Malika Yahalom, MD, DSc	13.10	Manfred M. Deutsch, MD	
14.10 14.30	<b>MitraClip—State of the Art</b> Dr. Christian Ebner	13.40	Josef Veselka, MD, PhD	13.20	Ismoyo Sunu, MD, PhD	
14.30 14.50	<b>Mitral Valve Surgery—State of the Art</b> Prof. Dr. Ludwig Müller	13.50	Anwar Santoso, MD, PhD	13.30	Suko Adiarso, MD, PhD	
15.00 15.30	<b>Dr. Jose Alemany Oration Lecture Ankle Brachial Index in a Cardiovascular Risk Population</b> Prof. Pertti T. Aarnio	14.00	Taofan Siddiq, MD	13.40	Rajinder P. Sharma, MD	
15.30 16.00	<b>Distinguished Service Award Does Vitamin E Suppress, Regress, and Slow Progression of Hypercholesterolemia-Induced Oxidative Stress in the Heart?</b> Prof. Kailash Prasad	14.10 14.20	Petr Hájek, MD Hananto Andriantoro, MD	13.50 14.00	Manfred Kalteis, MD Anneliese Heinz, MD	
16.00 17.00	<b>Anticoagulant Therapy in Specific Diseases</b> Moderator: Prof. Pertti Aarnio	14.45 15.15	<b>Prof. Hans J. Hachen Memorial Lecture Flaxseed and Slowing of Progression of Hypercholesterolemia Atherosclerosis</b> Prof. Kailash Prasad	14.10	Atsushi Ishida, MD	
16.00	Ashish Anil Sule, MBBS, MD	15.15 16.15	<b>Valvular Surgery</b> Moderator: Prof. Choi-Keung Ng	15.00 16.00	<b>Poster Presentations</b>	
16.10	Tahir Tak, MD, PhD	15.15	Wolfgang Dichtl, MD, PhD	15.00	Mirror Brooks, MD	
16.20	Veerendra M. Chadachan, MD	15.25	H.J. Nesser, MD	15.07	Sang Jung Park, MD	
		15.35	Christian Ebner, MD	15.14	Shin Hagiwara, MD	
		15.45	Julia Dumfarth, MD	15.21	Masayuki Hara, MD	
				15.28	Yoshihiro Uchida, MD	
<b>17.00</b>	<b>ICA Business Meeting</b> Board of Directors Meeting	<b>Remainder of Afternoon Free</b>		<b>16.00</b>	<b>ICA Business Meeting</b> Officers, Scientific Committee	

**54<sup>th</sup> Annual World Congress  
Innsbruck, Austria  
September 14-16, 2012**

**Scientific Program  
Friday, September 14, 2012**

09.00 h. – 09.30 h.

Innsbruck Convention Center

**Opening Remarks and Introductions**

**Introduction By:**

**President**

**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, 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; Consulting 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**

**O.Univ.-Prof. Dr. Otmar M. Pachinger, MD, FESC, FIHA, FICA, Chairman**

President-Elect, International College of Angiology; Senior Editor, *International Journal of Angiology*; Head, Department of Internal Medicine and Director, Medical University of Innsbruck, Internal Medicine III-Cardiology, Innsbruck, Austria.

**Prof.Dr. Manfred Deutsch, MD**

**Prof. Dr. Gustav Fraedrich, MD**

President, European Society of Vascular Surgery; Medical University of Innsbruck, Innsbruck, Austria.

**Prof. Dr. Michael Grimm, MD**

Honorary Fellow, International College of Angiology; Professor of Surgery, Chief, Department of Cardiac Surgery, Medical University of Innsbruck, Innsbruck, Austria.

**Prof. Dr. Werner Jaschke, MD**

Medicine, University of Indonesia, RSCM Hospital, Jakarta, Indonesia.

**Prof. Dr. Choi-Keung Ng, MD, FICA**

Professor of Surgery; Vice President, Scientific Council, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Editor, *International Journal of Angiology*; Innsbruck, Austria.

**Welcome Address**

**O.Univ.-Prof. Dr. Otmar M. Pachinger, MD, FESC, FIHA, FICA, Chairman**

President-Elect, International College of Angiology; Senior Editor, *International Journal of Angiology*; Head, Department of Internal Medicine and Director, Medical University of Innsbruck, Internal Medicine III-Cardiology, Innsbruck, Austria.

**Friday, September 14, 2012 (Continued)**

09.00 h. – 09.30 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.

09.30 h. – 10.00 h.

First Scientific Session

**Professor John B. Chang Research Achievement Award**

**The Impact of Interventional Cardiology on Outcomes of Coronary Artery Disease**

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:**

**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; Co-Editor-in-Chief, *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:**

**O.Univ-Prof. Dr. Otmar M. Pachinger, MD, FESC, FAHA, FICA**

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

10.00 h. – 10.30 h.

Second Scientific Session

**International College of Angiology Honorary Fellowship Presentation**

**Introduction By:**

**O.Univ-Prof. Dr. Otmar M. Pachinger, MD, FESC, FAHA, FICA**

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

**Presentation By:**

**Univ.Prof. Dr. Michael Grimm, MD**

Director, Department of Heart Surgery, University Medical School Innsbruck, Innsbruck, Austria.

10.30 h. – 10.45 h. **COFFEE BREAK**

10.45 h. – 12.30 h.

Third Scientific Session

**Latest Development in Aortic Aneurysms**

**Moderator:**

**Prof. Dr. Christian Hagl, MD**

Klinikum Grosshadern, Munich, Germany

10.45 **Why Does Aortic Dissection Occur? From Molecular Biology to Clinical Presentation:** 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; Co-Editor-in-Chief, *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.

11.05 **Modern Strategies in Acute Type-A Dissection:** Prof. Dr. Christian Hagl, MD, Klinikum Grosshadern, Munich, Germany.

11.25 **Management of Acute Type-B Dissection:** Univ.Prof. Dr. Michael Grimm, MD, Director, Department of Heart Surgery, University Medical School Innsbruck, Innsbruck, Austria.

Friday, September 14, 2012

**Latest Development in Aortic Aneurysms (Continued)**

- 11.45 **Role of Endovascular Therapy in Thoracic Aortic Disease:** Prof. Dr. Ernst Weigang, MD, MBA, Professor of Cardiovascular Surgery, Head, Endovascular Surgery, Department of Cardiothoracic and Vascular Surgery, University Medical Center, Mainz, Germany.

**Questions and Answers with Audience Participation**

12.30 h. – 13.30 h.

Fourth Scientific Session

**Update on the Status of Antiplatelets**

*A Luncheon Symposium*

**Moderator:**

**PD Dr. Matthias Frick, MD, FESC**

Department of Cardiology, Medical University of Innsbruck, Innsbruck, Austria.

- 12.30 **The Role of Ticagrelor in the Treatment of Acute Coronary Syndrome: What do the Guidelines Recommend?** PD Dr. Hannes Alber, MD, FESC, Associate Professor of Medicine, Department of Cardiology, Medical University of Innsbruck, Innsbruck, Austria.

- 12.42 **Antithrombotic Management of A-Fib in PCI Patients:** PD Dr.med. Jolanta Siller-Matula, MD, PhD, Department of Cardiology, Medical University of Vienna, Vienna, Austria.

- 12.54 **Ticagrelor vs. Prasugrel in ACS Following PCI:** PD Dr. Matthias Frick, MD, FESC, Department of Cardiology, Medical University of Innsbruck, Innsbruck, Austria.

**Questions and Answers with Audience Participation**

13.30 h. – 15.00 h.

Fifth Scientific Session

**Role of Interventional Therapy in Heart Valve Disease**

**Moderator:**

**Prof. Dr. Theodor Fischlein, MD**

Department of Cardiac Surgery, University of Nürnberg, Nürnberg, Germany.

- 13.30 **TAVI Patient Selection and Recent Clinical Status:** PD Dr. Thomas Bartel, MD, Department of Cardiology, Medical University of Innsbruck, Innsbruck, Austria.

- 13.50 **Patient Selection for Surgical Aortic Valve Replacement in Germany:** Prof.Dr. Theodor Fischlein, Department of Cardiac Surgery, University of Nürnberg, Nürnberg, Germany.

- 14.10 **MitraClip—State of the Art:** Christian Ebner, MD, Elisabethinen Hospital Linz, Linz, Austria.

- 14.30 **Modern Mitral Valve Surgery:** Prof. Dr. Ludwig Müller, MD, Deputy Director, Department of Heart Surgery, University Hospital Innsbruck, Innsbruck, Austria.

**Questions and Answers with Audience Participation**

15.00 h. – 15.30 h.

Sixth Scientific Session

**Dr. Jose Alemany Oration Lecture**  
**Ankle Brachial Index in a Cardiovascular Risk Population**  
*A Special Lecture*

**Introduction By:**

**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.

**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.

15.30 h. – 16.00 h.

Seventh Scientific Session

**Distinguished Service Award**  
**Does Vitamin E Suppress, Regress, and Slow Progression of Hypercholesterolemia-Induced Oxidative Stress in the Heart?**

This awarded is presented 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; Co-Editor-in-Chief, *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; Consulting 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.

16.00 h. – 17.00 h.

Eighth Scientific Session

**Anticoagulant Therapy in Specific Diseases**

**Moderator:**

**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.

- 16.00 **A Cohort Study to Analyze Hypercoagulable State in HIV Seropositive Patients—Is It Difficult to Treat with Therapeutic Anti-Coagulation?** Ashish Anil Sule, MBBS, MD, MRCP, FAMS, FICA, FRCP(UK), Tan Tock Seng Hospital, Singapore.

- 16.10 **Rivaroxaban for Prevention of Stroke and Systemic Embolism in Patients with Non—Valvular Atrial Fibrillation—The Pros and Cons of Direct Factor Xa Inhibitors:** Tahir Tak, MD, PhD, FICA, Division of Cardiovascular Diseases, Mayo Clinic Health System, La Crosse, Wisconsin, U.S.A.

- 16.20 **Tumor Thrombus—How Is It Treated?** Veerendra M. Chadachan, MD, MRCP, FAMS, Adjunct Assistant Professor of Medicine, Yong Loo Lin School of Medicine, National University of Singapore, Singapore; Consultant, Department of General Medicine, Vascular Medicine, and Hypertension, Tan Tock Seng Hospital, Singapore.

**Questions and Answers with Audience Participation**

17.00 h. – **Board of Director's Business Meeting**

**Saturday, September 15, 2012**

08.30 h. – 09.00 h.

Ninth Scientific Session

**Endovascular Thrombectomy**

**Introduction By:**

**Naoki Haruta, MD, FICA**

Editor, *International Journal of Angiology*; Departments of Vascular Surgery and Endoscopic Surgery, Takanobashi Central Hospital, Jinyoukai Medical Corporation, Hiroshima, Japan.

**Presentation By:**

**Dinker B. Rai, MD, FACS, FRCS(C), FICA**

Editor, *International Journal of Angiology*; Visiting Clinical Associate Professor of Surgery, SUNY, New York; Visiting Professor Rajiv Gandhi, University of Bangalore, Bangalore, India; Chief, Vascular Surgery, Interfaith Medical Center, Brooklyn, New York, USA.

**Questions and Answers with Audience Participation**

09.00 h. – 10.30 h.

Tenth Scientific Session

**Vascular Surgery in Europe**

**Moderators:**

**Gustav Fraedrich, MD**

Professor of Surgery, Chairman, Department of Vascular Surgery, Medical University, Innsbruck, Austria.

**Professor Janet T. Powell, PhD, MD, FRCPath**

Professor of Surgery, Imperial College, London, UK.

**Carotid Artery Stenosis**

09.00 **European RCTs—The Carotid Stenting Trialists Collaboration:** Barbara Rantner, MD, PhD, Department of Vascular Surgery, Medical University of Innsbruck, Innsbruck, Austria.

09.12 **Clinical Practice—The VASCUNET Registry:** Professor Gabor Menyhei, MD, PhD, Department of Vascular Surgery, University of Pecs, Pecs, Hungary.

**Abdominal Aortic Aneurysms**

09.24 **Updates on Small Abdominal Aortic Aneurysms: Effect on Aneurysm Screening:** Professor Janet T. Powell, PhD, MD, FRCPath, Professor of Surgery, Imperial College, London, UK.

09.36 **Management Guidelines from the European Society for Vascular Surgery:** Ingrid Gruber, MD, Department of Vascular Surgery, University Hospital Innsbruck, Innsbruck, Austria.

09.48 **Follow-Up after EVAR—Incidence and Relevance of Endoleaks:** Professor Andreas Chemelli, MD, Department of Radiology, Medical University Innsbruck, Innsbruck, Austria.

**Questions and Answers with Audience Participation**

10.30 h. – 10.45 h. – **COFFEE BREAK**

**Saturday, September 15, 2012**

10.45 h. – 12.00 h

Eleventh Scientific Session

**Complex Coronary Revascularization: Geographic Variations in Practice**

**A Round Table Discussion**

This program will discuss geographic variations in the management of a complex revascularization case. We have an international panel of interventional cardiologists from Indonesia, Germany, and Austria, who are going to talk about a case of complex revascularization, and explore how doctors in each of the different parts of the world might approach this patient.

**Moderator:**

**O.Univ.-Prof. Dr. Otmar M. Pachinger, MD, FESC, FIHA, FICA, Chairman**

President-Elect, International College of Angiology; Senior Editor, *International Journal of Angiology*; Head, Department of Internal Medicine and Director, Medical University of Innsbruck, Internal Medicine III-Cardiology, Innsbruck, Austria.

**Panelists:**

**PD Dr. Hannes Alber, MD, FESC**

Associate Professor of Medicine, Department of Cardiology, Medical University of Innsbruck, Innsbruck, Austria.

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

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

**Univ. Prof. Dr. Christian Kupatt Jeremias, MD, FESC**

Medizinische Klinik und Poliklinik I der Ludwig-Maximilians-Universität München, Klinikum Großhadern, Munich, Germany.

**Questions and Answers with Audience Participation**

12.00 h. – 13.00 h. – **LUNCHEON BREAK**

13.00 h. – 13.30 h.

Twelfth Scientific Session

**Professor Albert Senn Memorial Lecture**

**Lower Extremity Revascularization**

**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.

**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; Co-Editor-in-Chief, *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.

**Questions and Answers with Audience Participation**

**Saturday, September 15, 2012**

13.30 h. – 14.45 h.

Thirteenth Scientific Session

**Cardiovascular Disease**

**Moderator:**

**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; Consulting 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.

- 13.30 **Cardiovascular Involvement in Behçet's Disease—Clinical Implications:** Malka Yahalom, MD, DSc, FICA, Heart Institute, HaEmek Medical Center, Afula, Israel.
- 13.40 **Long-Term Effects of Varying Alcohol Dosing in Percutaneous Septal Ablation for Obstructive Hypertrophic Cardiomyopathy—A Randomized Study with a Follow-up of up to 11 Years:** Josef Veselka, MD, PhD, FICA, Professor of Medicine; Department of Cardiology, University Hospital Motol, 2<sup>nd</sup> Medical School, Charles University, Prague, Czech Republic.
- 13.50 **Secretory-Phospholipase A-2 is Associated with the Risk of Acute Coronary Syndrome Through Activation of Serum Amyloid-A:** Anwar Santoso, MD, PhD, FIHA, FASCC, FICA, Department of Cardiology-Vascular Medicine, Faculty of Medicine, University of Indonesia, Harapan Kita Hospital, National Cardiovascular Center, Jakarta, Indonesia.
- 14.00 **Acute Pulmonary Embolism Mimicking Acute Non-STEMI:** Taofan Siddiq, MD, FIHA, FICA, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.
- 14.10 **The Diagnostic Significance of PAPP-A for Patients with Acute Chest Pain:** Petr Hájek, MD, Department of Cardiology, Charles University and University Hospital Motol, Prague, Czech Republic.
- 14.20 **Thoracoabdominal Ectopic Cordis:** Hananto Andriantoro, MD, FICA, Department of Cardiology and Vascular Medicine, Faculty of Medicine, University of Indonesia, National Cardiovascular Centre, Harapan Kita Hospital, Jakarta, Indonesia.

**Questions and Answers with Audience Participation**

14.45 h. – 15.15 h.

Fourteenth Scientific Session

**Professor Hans J. Hachen Memorial Lecture**

**Flaxseed and Slowing of Progression of Hypercholesterolemic Atherosclerosis**

*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.

**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; Consulting 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.

**Questions and Answers with Audience Participation**

**Saturday, September 15, 2012**

15.15 h. – 16.15 h.

Fifteenth Scientific Session

**Valvular Surgery**

**Moderator:**

**Professor Choi-Keung Ng, MD, FICA**

Professor of Surgery; Vice President, Scientific Council, International College of Angiology; Co-Chairperson, Scientific Committee, International College of Angiology; Innsbruck, Austria.

- 15.15 **Reversal of Severe Tricuspid Insufficiency by Switching from Right to Left Ventricular Pacing:** Wolfgang Dichtl, MD, PhD, Division of Cardiology, Department of Internal Medicine III, Medical University, Innsbruck, Austria.
- 15.25 **The MitraClip System in Patients after Resynchronization Therapy and Persistent Significant Mitral Regurgitation and Concomitant Heart Failure:** H.J. Nesser, MD, Associate Professor of Medicine, Tufts University Medical School, Boston, Massachusetts, U.S.A.; Director, IInd Department of Medicine, Cardiology-Angiology-Intensive Care, Public Hospital St. Elizabeth, Academic Teaching Hospital, University of Vienna and Innsbruck, Linz, Austria.
- 15.35 **Single Center Experience with Paravalvular Leak Closure after Recurrent Mitral Valve Surgery:** Christian Ebner, MD, 2<sup>nd</sup> Department of Internal Medicine, Cardiology-Angiology-Intensive Care, Elisabethinen Hospital Linz GmbH, Linz, Austria.
- 15.45 **Minimally Invasive Double Valve Surgery: Five-Year Experience:** Julia Dumfarth, MD, Department of Cardiac Surgery, Innsbruck Medical University, Innsbruck, Austria.

**Questions and Answers with Audience Participation**

16.15 h. – **FREE AFTERNOON**

**Sunday, September 16, 2012**

09.00 h. – 09.30 h.

Sixteenth Scientific Session

**Professor Kailash Prasad Oration Lecture**

**The Aortic Wall: Four New Insights**

*A Special Lecture*

**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:**

**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; Co-Editor-in-Chief, *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.

**Questions and Answers with Audience Participation**

**Sunday, September 16, 2012 (Continued)**

09.30 h. – 10.00 h.

Seventeenth Scientific Session

**Kidney Transplant and Cytokines**

**Moderator:**

**Ernesto P. Molmenti, MD, PhD, MBA, FICA**

Professor of Surgery, Departments of Surgery and Medicine, Hofstra North Shore-LIJ School of Medicine, Uniondale, New York, USA; Vice Chairman, Department of Surgery, Director, Transplant Program, North Shore-LIJ Health System, Manhasset, New York, USA; Editor, *International Journal of Angiology*.

09.30 **A Role for Inflammatory Cytokines, as Surrogate Markers in Kidney Transplant Recipients:** Ahmed S. Shoker, MD, FICA, Professor of Medicine, University of Saskatchewan College of Medicine; Saskatchewan Transplant Program, St. Paul's Hospital, Saskatoon, Canada.

09.45 **Lack of an Association between Inflammatory Cytokines and Framingham Risk Scores in a Kidney Transplant Population:** Jonathan Dean, BSc, College of Medicine, University of Saskatchewan, Saskatoon, Canada.

**Questions and Answers with Audience Participation**

10.00 h. – 10.30 h.

Eighteenth Scientific Session

**Professor John B. Chang Oration Lecture  
Serial Doppler Studies and Selective Angiographic Interventions to Address  
Early Transplant Renal Artery Flow Abnormalities**

*A Special Lecture*

**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; Consulting 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:**

**Ernesto P. Molmenti, MD, PhD, MBA, FICA**

Professor of Surgery, Departments of Surgery and Medicine, Hofstra North Shore-LIJ School of Medicine, Uniondale, New York, USA; Vice Chairman, Department of Surgery, Director, Transplant Program, North Shore-LIJ Health System, Manhasset, New York, USA; Editor, *International Journal of Angiology*.

**Questions and Answers with Audience Participation**

10.30 h. – 10.45 h. – **COFFEE BREAK**

10.45 h. – 12.00 h.

Nineteenth Scientific Session

**Peripheral Vascular Diseases**

**Moderators:**

**Atsushi Ishida, MD, PhD, FICA**

Lecturer, Division of Vascular Surgery, Department of Surgery, Jikei University School of Medicine, Tokyo, Japan.

**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.

10.45 **Ins and Outs of Our Simplified Subfascial Endoscopic Perforating Veins Surgery (SEPS)—Differences from Original Gloviczki's Method:** Naoki Haruta, MD, FICA, Editor, *International Journal of Angiology*; Departments of Vascular Surgery and Endoscopic Surgery, Takanobashi Central Hospital, Jinyoukai Medical Corporation, Hiroshima, Japan.

10.55 **Subclinical Organ Damage Among Hypertensive and Non-Hypertensive Risk Subjects in a General Population:** Päivi E. Korhonen, MD, PhD, FICA, Central Satakunta Health Federation of Municipalities, Harjavalta, Finland.

11.05 **Esthetic Advantage of Cryotherapy in Tributary Varicosity Patients:** Jung Kee Chung, MD, PhD, Boramae Hospital, Seoul National University College of Medicine, Seoul, Korea.

11.15 **Anatomical Popliteal Artery Entrapment Syndrome Caused by Aberrant Plantaris Muscle:** Tae-Won Kwon, MD, PhD, Division of Vascular Surgery, Department of Surgery, University of Ulsan College of Medicine and Asan Medical Center, Seoul, Korea.

11.25 **First Long-Term Experience with Intravenous Treprostinil Administered by the Implantable Infusion Pump LenusPro®: A Single-Center Pilot Study:** Regina Steringer-Mascherbauer, MD, Department of Cardiology, Public Hospital Elisabethinen Linz, Academic Teaching Center, Linz, Austria.

**Questions and Answers with Audience Participation**

12.00 h. – 13.00 h. – **LUNCHEON BREAK**

13.00 h. – 15.00 h.

Twentieth Scientific Session

**Vascular Surgery**

**Moderator:**

**Manfred M. Deutsch, MD**

Department of Cardiovascular Surgery and Radiology, Hietzing Hospital, Vienna, Austria.

13.00 **A Dual Incision Approach for Complete First Rib Resection to Prevent Injuries and Recurrence in Thoracic Outlet Syndrome (TOS):** 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.

13.10 **Complex Infrapopliteal Reconstructions in the Interventional Era:** Manfred M. Deutsch, MD, Department of Cardiovascular Surgery and Radiology, Hietzing Hospital, Vienna, Austria.

13.20 **Hybrid Therapy of Laser Ablation and Phlebectomy—Our Experience at National Cardiovascular Center Harapan Kita Hospital, Indonesia:** Ismoyo Sunu, MD, PhD, FIHA, FICA, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia.

13.30 **Ten Cases of Aortic Saddle Emboli Treated with Percutaneous Rheolytic Thrombectomy:** Suko Adiarto, MD, PhD, FICA, Department of Cardiology and Vascular Medicine, University of Indonesia, Harapan Kita Hospital, National Cardiovascular Center, Jakarta, Indonesia.

13.40 **Endovascular Treatment of Lower Extremity Non-Common Femoral Artery Pseudoaneurysms:** 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.

Sunday, September 16, 2012

**Vascular Surgery (Continued)**

- 13.50 **Experience and Outcomes After a Decade of Endovascular Abdominal Aortic Aneurysm Repair:** Manfred Kalteis, MD, Department of Surgery, Klinikum Wels-Grieskirchen, Wels, Austria.
- 14.00 **Xenograft Root Replacement for Excavating Aortic Root Endocarditis:** Anneliese Heinz, MD, Department of Cardiac Surgery, University Hospital Innsbruck, Innsbruck, Austria.
- 14.10 **Multidisciplinary Treatment for Critical Limb Ischemia—Experiences from Jikei University:** Atsushi Ishida, MD, PhD, FICA, Lecturer, Division of Vascular Surgery, Department of Surgery, Jikei University School of Medicine, Tokyo, Japan.

**Questions and Answers with Audience Participation**

15.00 h. – 16.00 h.

Twenty-First Scientific Session

**Poster Presentations****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; Consulting 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.

**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.

- 15.00 **Syncope as Initial Presentation of Kommerell's Diverticulum:** Mirrer Brooks, MD, Department of Medicine, Division of Cardiology, Woodhull Medical Center, Brooklyn, New York, USA; New York University School of Medicine, New York, New York, USA.
- 15.07 **Trends of Surgical Treatment for Peripheral Arterial Disease in an Endovascular Era:** Sang Jung Park, MD, Department of Surgery, Ulsan University Hospital, Ulsan, Korea.
- 15.14 **Buttock Claudication after Hypogastric Artery Interruption Required During Aortoiliac Aneurysm Repair:** Shin Hagiwara, MD, Division of Vascular Surgery, Department of Surgery, Jikei University School of Medicine, Tokyo, Japan.
- 15.21 **Short-Term Outcome of 56 Patients with Visceral Artery Aneurysms Treated at Jikei University:** Masayuki Hara, MD, Division of Vascular Surgery, Department of Surgery, Jikei University School of Medicine, Tokyo, Japan.
- 15.28 **Evaluation of the Safety Aspects for Patients Undergoing Live Surgery at Jikei University:** Yoshihiro Uchida, MD, Division of Vascular Surgery, Department of Surgery, Jikei University School of Medicine, Tokyo, Japan.

**Questions and Answers with Audience Participation**16.00 h. – **ICA BUSINESS MEETING—Officers and Scientific Committee Members**• **CLOSE OF SCIENTIFIC SESSIONS** •



55<sup>th</sup> Annual World Congress • ICA 2013

International College of Angiology

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Join your colleagues from around the world, earn CME, and explore key areas rapidly expanding in cardiovascular medicine and surgery. ICA 2013 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 2013 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 ■ Oral, Video, and Poster Sessions.

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



## Acknowledgments

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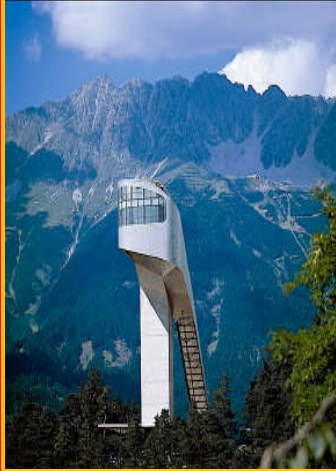
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