

6th IUA Course for Young Vascular Specialists



July 5 - 9, 2018
Prague, Czech Republic

PROGRAM



www.iua-course.org

WELCOME AND INTRODUCTORY REMARKS



Dear Colleagues,

The idea to organize a course for young vascular specialists came after the successful 25th World Congress of the International Union of Angiology in Prague in 2012. Thanks to the activity of local organizers, the generous support of several distinguished individuals in the IUA, and last but not least the sponsors, it became a reality as early as 2013. As a result, five courses have already been organized, all of them very successful.

Based on increasing experience, recent courses have been shorter, more intensive and more focused on the practical aspects of vascular diseases, including ultrasound training.

Over the past five years, close to 200 young physicians from more than thirty countries around the world have attended and not only deepened their knowledge, but also begun friendly and potentially beneficial relationships across continents and specializations. Despite a busy schedule, all participants also had time remaining to enjoy the beautiful city of Prague.

We are pleased to meet an increasing number of attendees of the course at the IUA and associated congresses, and we are excited when they join the IUA as regular members and became part of this active society.

Let us reiterate our best wishes that we will be able to create a close-knit group of professional and personal friends.

Welcome to the 6th IUA Course for Young Vascular Specialists in Prague and enjoy a pleasant and enriching time here!

Sincerely,

Dr Karel Roztocil

Director of the Course

Past President of the International Union of Angiology

Dr Jan Pitha and Dr Jaroslav Chlupac

Coordinators of the Course



On behalf of the Scientific Committee of the International Union of Angiology and course organizers we wish to welcome the participants to the Sixth Course for Young Vascular Specialists organized by the IUA. This event represents a unique program and international platform which will provide an exceptional setting for the young vascular specialists to advance their knowledge and skills in vascular sciences. The course also provides an opportunity to interact and network with leading experts from all over the world. We wish to thank the participants for attending this course and do hope that it will provide them a great training platform which will help in their work in their respective institutions. It is our hope that the information gained will be disseminated among their peers through educational means in their respective institutions.

The first five IUA courses were organized in 2013 - 2017 and were extremely well received by the participants. The course contents were integrative, covering all aspects of the discipline of angiology. The courses also provided opportunity for networking, international collaboration and development of educational programs and newer initiatives for the IUA. Feedback from the participants and faculty of the previous courses has been incorporated into the current course. The organizing committee will be receptive to incorporate additional input from both the participants of the current course and members of the IUA.

Additional topics on both the medical and surgical management of vascular disorders have been incorporated. We encourage open discussions and the faculty will be pleased to engage the participants on challenging topics in vascular medicine and surgery.

The International Union of Angiology has continually fostered educational and training programs through various initiatives including group consensus, scientific congresses, publications and scientific exchange of specialists. While informal approaches to train vascular specialists have been initiated by various groups within the IUA and other organizations, a more structured and defined approach to provide an update in the progress and an opportunity to interact with specialists has been recognized by the Scientific Committee under the leadership of Dr Karel Roztocil. The timely recognition of developing this program is commendable.

The IUA course for young vascular specialists is developed with the input of several international experts in the field. The topics represent areas which are of clinical and applied importance with major impact on patient care. The faculty is mainly comprised of experts who have graciously volunteered to teach in this course. The course provides a unique opportunity to the participants to interact with the faculty and adequate time is

built in for formal and informal exchange. The didactic component of this course covers the important areas in vascular medicine and surgery. Besides the coverage of specific topics for the diagnosis and management of arterial and venous diseases, several other selected topics, and hands-on workshops for the investigation of arterial and venous systems are also included.

The input in terms of informal discussion and formal case presentations by the participants is of crucial value for reaching the goals and objectives of this course. It is for this reason we encourage all of the participants to actively contribute to the discussions on the case presentations. The Scientific Committee will select some of the cases presented during the course on the IUA website to highlight their educational and clinical value. The participants are also encouraged to submit case reports and manuscripts based on their experiences to the International Angiology journal, the official publication of the IUA. The IUA extends a cordial invitation to all of the participants to become the members of this union. To facilitate this process the first year membership will be waived. We hope that all participants will take this opportunity and will continue to foster the IUA goals by becoming active members. We also encourage all participants to attend the 2018 World Congress of the IUA in Beijing, China under the leadership of Professor Gu.

This course represents an educational platform where the young vascular specialists are able to gather and learn about the standard of care and current advances in vascular medicine and surgery. The information provided will be useful in further dissemination of angiology and it is hoped that the participants can further share this information in their respective institutes. We trust that similar activities will be developed to foster training and educational programs by different chapters of the IUA. While challenging, this initiative is exemplary and will continue to enhance the IUA image. Dr Roztocil and his colleagues are to be commended for organizing this important event. The scientific committee is also grateful for the input from the Czech Society of Angiology and the exceptional organizational logistics coordinated by Mr. Jakub Uher of the Academic and Medical Conference Agency (Prague, Czech Republic). Finally we are also highly indebted and thankful to the faculty of this course.

Prof Jawed Fareed

Chairman of the IUA Scientific Committee

Prof Andrew Nicolaides

Chairman of the European Venous Forum Board

ORGANIZERS

International Union of Angiology
in cooperation with

European Venous Forum

European Society for Vascular Medicine

VAS - Vascular Independent Research and Education European Organisation

Czech Society of Angiology

Czech Society for Atherosclerosis



ACCREDITATION

The 6th International Union of Angiology Course for Young Vascular Specialists, Prague, Czech Republic, 05/07/2018-09/07/2018 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 26 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.



COURSE FACULTY

Honorary Course Director

Prof Andrew Nicolaides

Past-President of the International Union of Angiology

Course Directors

Dr Karel Roztocil

Past-President of the International Union of Angiology

Vice President of the Czech Society of Angiology

Institute of Clinical and Experimental Medicine, Prague, Czech Republic

Prof Patrick Carpentier

President of the International Union of Angiology

University Hospital, Grenoble, France

Course Coordinators

Assoc Prof Jan Pitha

Secretary General of the International Union of Angiology

Dept. of Internal Medicine, 2nd Faculty of Medicine, Charles University, Prague, Czech Republic

Dr Jaroslav Chlupac

Institute of Clinical and Experimental Medicine, Prague, Czech Republic

Faculty

Prof Jose Biller

Dept. of Neurology, Loyola University, Maywood (IL), USA

Prof Jawed Fareed

Chairman of the IUA Scientific Committee

Loyola University, Maywood (IL), USA

Prof Alexandre Fioranelli

Faculdade de Ciências Médicas na Santa Casa de São Paulo, Brazil

Dr Lian Rui Guo

Xuan Wu Hospital, Capital Medical University, Beijing, China

Assoc Prof Jana Hirmerova

Faculty of Medicine, Charles University, Pilsen, Czech Republic

Prof Emad Hussein

Vascular Surgery, Ain Shams University, Cairo, Egypt

Dr Mateja Kaja Jezovnik

University of Texas, Health Science Center, Houston (TX), USA

Dr Evi Kalodiki

Imperial College, London, UK

Prof Sigrid Nikol

*Past-President of the European Society for Vascular Medicine
Asklepios Clinic St. Georg, Hamburg, Germany*

Dr Pavlina Pithova

*Dept. of Internal Medicine, 2nd Faculty of Medicine, Charles University,
Prague, Czech Republic*

Prof Isabelle Quere

University Hospital, Montpellier, France

Prof Eduardo Ramacciotti

*Head of Vascular Surgery and Clinical Research, Hospital e Maternidade
Dr Christovao da Gama, Santo Andre (SP) Brazil*

Dr Alfonso Tafur

NorthShore Cardiovascular Institute, Skokie (IL), USA

Dr Robert Vlachovsky

*2nd Dept. of Surgery, Faculty of Medicine, Masaryk University, Brno,
Czech Republic*

LIST OF ATTENDEES

Ashutosh Babaji	Aher	India
Mariia	Ananeva	Russia
Manju	Bharath	India
Zhang	Bihui	China
Enrico	Bonni	Italy
Jack	Bontekoe	USA
Zuzana	Bronerska	Slovakia
Davide	Di Modica	Italy
Bahare	Fazeli	Iran
Natsumi	Fukuhara	Japan
Jiri	Hamous	Czech Rep.
Galyna	Koplovets	Ukraine/Slovakia
Anna Maria	Lo Voi	Italy
Veronika	Lovasova	Czech Rep.
Amr	Mahmoud	Egypt
Aleksandar	Mitrovica	Serbia
Petra	Nesvadbova	Czech Rep.
Sanja	Radanac	Croatia
Tereza	Riskova	Czech Rep.
Omid	Shafe	Iran
Armin	Simeoni	Italy/Austria
Jan	Sponiar	Czech Rep.
Karol	Sutoris	Czech Rep.
Aleksandra	Vujcic	Serbia
Zhongjian	Wu	China
Hui	Zhang	China
Petar	Zlatanovic	Serbia

SCIENTIFIC PROGRAM

FRIDAY, JULY 6

8.30-9.00 Introductory remarks
 K. Roztocil (Czech Rep.), J. Fareed (USA)

9.00-9.45 Pre-course evaluation test

Venous Thromboembolism I

Moderators: J. Hirmerova (Czech Rep.), E. Ramacciotti (Brazil)

9.45-10.10 Pathogenesis of Thrombotic and Vascular Disorders: An Update
 J. Fareed (USA)

10.10-10.35 Advances in the Diagnosis and Medical Management of Venous
 Thromboembolism
 E. Ramacciotti (Brazil)

10.35-10.50 Coffee break/Discussion

Venous Thromboembolism II

Moderators: J. Hirmerova (Czech Rep.), E. Ramacciotti (Brazil)

10.50-11.15 Anticoagulants/Fibrinolytic Agents in the Management of Venous
 Thromboembolism
 J. Fareed (USA)

11.15-11.40 Surgical and Endovascular Management of Venous Thromboembolism
 E. Ramacciotti (Brazil)

11.40-12.05 Thrombophilias
 J. Hirmerova (Czech Rep.)

12.05-12.30 Panel discussion (*J. Fareed, E. Ramacciotti, A. Tafur, J. Hirmerova*)

12.30-13.30 Lunch

Venous Thromboembolism III

Moderators: J. Hirmerova (Czech Rep.), E. Ramacciotti (Brazil)

13.30-13.55 VTE Risk Stratification Including the Caprini Score
 A. Tafur (USA)

13.55-14.20 Predictors of Outcome following Catheter Directed Thrombolysis for
 Acute Iliofemoral DVT
 E. Hussein (Egypt)

14.20-14.45 Perioperative Anticoagulation Management
 A. Tafur (USA)

- 14.45–15.10 Can We Prevent VTE Recurrence?
E. Ramacciotti (Brazil)
- 15.10–15.30 Panel discussion (*E. Hussein, E. Ramacciotti, A. Tafur*)
- 15.30–15.45 Coffee break/Discussion

Vascular Malformations

- 15.45–16.30 Vascular and Lymphatic Malformations: An Overview, Advances in Therapy and Clinical Cases
I. Quere (France)
- 16.30–16.45 Air Plethysmography and the New Venous Drainage Index
E. Kalodiki (UK)

16.45–18.00 Hands-On Workshops

- Duplex Ultrasound of Peripheral Veins (3 groups)
Air Plethysmography

SATURDAY, JULY 7

Chronic Venous Disease

Moderators: K. Roztocil (Czech Rep.), M.K. Jezovnik (Slovenia)

- 9.00–9.25 Pathophysiology of Chronic Venous Disease and Related Disorders
A. Tafur (USA)
- 9.25–9.50 Venoactive Drugs
E. Kalodiki (UK)
- 9.50–10.30 Open and Endovascular Treatment of Varicose Veins – Comparison of Methods
R. Vlachovsky (Czech Rep.)
- 10.30–10.50 Panel Discussion (*A. Tafur, E. Kalodiki, K. Roztocil, R. Vlachovsky*)
- 10.50–11.05 Coffee break/Discussion

Clinical Research & Trials

Moderator: J. Fareed (USA)

- 11.05–11.30 Basic Principles for Clinical and Translational Research in Vascular Medicine – Importance of Clinical Trials
E. Ramacciotti (Brazil)
- 11.30–11.55 How to Prepare a Scientific Manuscript and Undergo Review Process for Publication
TBA
- 11.55–12.30 Panel Discussion (*J. Fareed, A. Tafur, E. Ramacciotti, J. Biller*)
- 12.30–13.30 Lunch

Complications in Vascular Interventions

Moderators: J. Chlupac (Czech Rep.), E. Ramacciotti (Brazil)

- 13.30–13.55 Main Complications in Vascular Interventions/Surgery
E. Hussein (Egypt)
- 13.55–14.20 Hematologic Problems in Vascular Surgery: Bleeding and Thrombosis
J. Fareed (USA)
- 14.20–14.45 Damage Control in Vascular Trauma
E. Hussein (Egypt)
- 14.45–15.05 Panel discussion (*E. Hussein, J. Fareed*)
- 15.05–15.20 Coffee break/Discussion

15.20–17.00 Hands-On Workshops

Duplex Ultrasound of Peripheral and Carotid Arteries (2 groups)
Duplex Ultrasound of Haemodialysis AV shunts (1 group)
Air Plethysmography

SUNDAY, JULY 8

Detection and Management of (Cardio)Vascular Risk Factors

Moderators: J. Pitha (Czech Rep.), M.K. Jezovnik (Slovenia)

- 9.00–9.25 Risk Factors for Cardiovascular Diseases and Their Management with
Focus on PAD
J. Pitha (Czech Rep.)
- 9.25–9.50 Diabetes Mellitus and Vascular Disease
P. Pithova (Czech Rep.)
- 9.50–10.15 Detection of Preclinical Atherosclerosis Using Ultrasound and Its Value
in Cardiovascular Risk Assessment
M.K. Jezovnik (Slovenia)
- 10.15–10.35 Panel discussion (*M.K. Jezovnik, J. Pitha, P. Pithova*)
- 10.35–10.50 Coffee break/Discussion

Peripheral Arterial Disease

Moderators: J. Chlupac (Czech Rep.), M.K. Jezovnik (Slovenia)

- 10.50–11.15 Diagnostic Approaches to PAD & Medical Management
M.K. Jezovnik (Slovenia)
- 11.15–12.05 Treatment of PAD – Conservative, Endovascular and Angiogenesis
S. Nikol (Germany)
- 12.05–12.30 Management of ALI
J. Chlupac (Czech Rep.)

- 12.30–13.00 Panel discussion (M.K. Jezovnik, S. Nikol, J. Chlupac)
- 13.00–14.00 Lunch

Aortic Disease

Moderator: J. Chlupac (Czech Rep.)

- 14.00–14.50 Open & Endovascular Repair of AAA
A. Fioranelli (Brazil)
- 14.50–15.15 Panel Discussion (A. Fioranelli, E. Hussein, E. Ramacciotti)

Case Reports

- 15.15–16.45 Interactive Case Reports
P. Carpentier (France)

16.45–17.45 Case Reports presented by attendees I

Moderators: M.K. Jezovnik (Slovenia), E. Ramacciotti (Brazil), J. Chlupac (Czech Rep.)

MONDAY, JULY 9

Cerebrovascular Artery Disease

Moderator: J. Pitha (Czech Rep.)

- 9.00–9.25 Management of Patients with (Asymptomatic) Carotid Stenosis
J. Pitha (Czech Rep.)
- 9.25–9.45 Beyond Thrombolytics: Medical Management of Acute Stroke and Its Early Complications
J. Biller (USA)
- 9.45–10.00 Special Cases in Acute Stroke: Challenging the Norm
J. Biller (USA)
- 10.00–10.15 Cryptogenic or Agnogenic Stroke and the Current Status of PFO Closure in 2018
J. Biller (USA)
- 10.15–10.45 Panel discussion (J. Biller, A. Tafur, E. Ramacciotti, J. Pitha)
- 10.45–11.00 Coffee break/Discussion

Hot Topics in Vascular Medicine and Surgery

Moderators: E. Ramacciotti (Brazil), M.K. Jezovnik (Slovenia)

- 11.00–11.20 Cancer Associated Thrombosis and Related Vascular Complications and Their Management
A. Tafur (USA)

- 11.20-11.40 Intravenous Alteplase for Acute Ischemic Stroke: Questions You Always Wanted to Ask but Never Dared
J. Biller (USA)
- 11.40-12.00 Stem Cells in the Management of Diabetic Foot
L. Guo (China)
- 12.00-12.20 Anticoagulant/Antiplatelet Combinations and PCSK9 Inhibitors in the Management of Atherosclerotic Progression. The COMPASS and FOURIER Trials
E. Ramacciotti (Brazil)
- 12.20-12.40 Panel Discussion (*J. Fareed, A. Tafur, E. Ramacciotti, E. Hussein, L. Guo*)

Microcirculation

- 12.40-13.00 Importance of Microcirculation in the Clinical Approach to Vascular Diseases
P. Carpentier (France)
- 13.00-14.00 Lunch

14.00-16.30 Case Reports presented by attendees II

Moderators: M.K. Jezovnik (Slovenia), E. Ramacciotti (Brazil), J. Chlupac (Czech Rep.)

- 16.30-17.00 Closing remarks

GENERAL INFORMATION

DATE

July 5 – 9, 2018

VENUE

Mariapoli Center
Mladoboleslavská 667
190 17 Prague 9 – Vinoř
Czech Republic
www.centrummariapoli.cz

WIRELESS INTERNET AT THE COURSE VENUE

Network name: Mariapoli_public
Password: Mariapoli321

COURSE SECRETARIAT

AMCA, spol. s r.o.
Academic and Medical Conference Agency
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SOCIAL EVENTS

Thursday, 19.30 Get-together dinner
Saturday, 17.30 Sightseeing in Prague
Sunday, 19.00 Farewell dinner

SPONSORS

The organizers of the course express sincere gratitude to the following companies who have significantly contributed to the success of the course:



NOTES