27TH - 29TH MAY 2024

PROGRAM

ADVANCED VASCULAR CONFERENCE RHEIN-MAIN

Steigenberger Airport Hotel Frankfurt Register online now: www.avc-rhein-main.com



The content of this event is designed to be product- and service-neutral. We confirm that the scientific management and the speakers will disclose potential conflicts of interest to the participants. The companies sponsoring this event can be found on page 18.

INFORMATION ON PAD TRIATHLON

THE "TOP GUN IN VASCULAR SURGERY"

The participants of this Workshop selected their best colleague from the department and applied together with a first-class letter of motivation to be one of the 12 elite groups at the AVC Rhein-Main in Frankfurt. They will work together and compete for the coveted title of Top Gun in Vascular Surgery by completing the PAD Triathlon task. The strongest group will take the title.

This is an exceptional vascular and endovascular workshop only for the best of the best.

Directors of the course

Francois Saucy, Christian-Alexander Behrendt, Konstantinos P. Donas, Grigorios Korosoglou and Francisco Azevedo

Where?

The workshop will take place at the Steigenberger Frankfurt Airport Hotel during the Advanced Vascular Conference (AVC) Rhein.

When?

The event has been scheduled for 27th May 2024 at 14:00.

Duration

The workshop will last for 90 minutes, with each station lasting for 20 minutes. Participants will have 10 minutes to switch between stations.

Participation criteria

The workshop is designed for a maximum of 12 teams of 2 individuals. To confirm their current status, candidates had to send a motivation letter to the faculty. The workshop is intended for colleagues who possess advanced experience in performing procedures related to peripheral arterial disease (PAD). Only vascular surgeons are eligible to participate, as the workshop includes open surgical stations. The 24 colleagues who were selected received a free registration for the entire duration of AVC.

Objectives

This workshop will be conducted in the form of a game to evaluate participants' skills and knowledge in managing PAD.

There will be three stations available for participants:

- Station 1: Theoretical knowledge
- Station 2: Endovascular procedures
- Station 3: Open surgical procedures

Evaluation

The evaluation will be conducted by six judges using a scoring sheet from UEMS and a custom-made one.

Prize

The winners of the competition will be awarded the prestigious certificate of "Top Gun in Vascular Surgery". The corresponding award ceremony will take place during the boat tour under the beautiful Frankfurt skyline on 29th May 2024. Each winner will be granted a free ticket for this Networking event.

Furthermore, the prize includes also a four-week fellowship in two vascular units in Germany:

- Department of Cardiology and Angiology, Weinheim, Germany Head: Prof. G. Korosoglou, Vascular and Endovascular Medicine, GRN-Clinic Weinheim, Germany
- Department of Vascular and Endovascular Surgery, Langen, Germany

Head: Prof. K. Donas, Rhein Main Vascular Center, Department of Vascular and Endovascular Surgery, Asklepios Clinics Langen, Paulinen Wiesbaden and Seligenstadt, Germany

GREETINGS



Joerg Heckenkamp

DEAR COLLEAGUES,

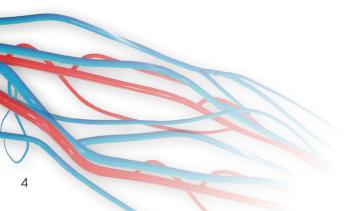
the German Society of Vascular Surgery and Vascular Medicine congratulates the Course Directors of the Advanced Vacular Conference Rhein-Main to an excellent program.

Many aspects of vascular disease will be presented and discussed by well recognized national and international speakers. Next to scientific presentations recorded interesting endovascular procedures will be presented. In addition, PAD and aortic workshops will be offered.

We wish you a stimulating and insightful conference and a lively collegial exchange in Frankfurt.

Joerg Heckenkamp

President of the German Society of Vascular Surgery and Vascular Medicine 2023-2024





MONDAY, 27TH MAY

13:00	Registration & Welcome
START OF ADVANCED VASCULAR CONFERENCE	
14:00-16:00	Peripheral Arterial Disease Scientific Competition (PAD Triathlon)
14:00-15:30 Room 1+2+3	PAD Triathlon
16:00-17:30	WORKSHOPS
16:00-17:30 Room 5	 Workshop No. 1: Low profile abdominal stent-grafts in challenging anatomies Supported by Lombard Medical Workshop Conveners: Georgios Pitoulias, Nizar Abu Bakr
16:00-17:30 Room 6	 Workshop No. 2: Rotational Atherectomy by the Jetstream device: Tips and tricks, Indications, recorded case, the Langen mid-term experience: Lessons learned Supported by Boston Scientific Workshop Conveners: Konstantinos Donas, Anastasios Psyllas, Konstantinos Avranas
16:00-17:30 Room 4	 Workshop No. 3: Intravascular Lithotripsy in complex arterial procedures; Recorded case from Langen Hybrid OR Supported by Shockwave Medical Workshop Convener: Grigorios Korosoglou, Christos Rammos, Efthymios Beropoulis
16:00-17:30 Room 12-13	 Workshop No. 4: Aspiration thrombectomy in acute limb ischemia: Intelligent aspiration by the Lightning system, tips and tricks, Indications, Outcomes Supported by Penumbra Workshop Conveners: Arne Schwindt, Konstantinos Donas
16:00-17:30 Room 15-16	 Workshop No. 11: Rotational Atherothrombectomy with Rotarex: The reliable, effective and safe solution for a broad range of indications Supported by BD Workshop Convener: Michael Piorkowski

TUESDAY, 28TH MAY | PAD PROGRAM

08:45	Welcome
08:50-10:30	SESSION 1: PERIPHERAL ARTERIAL DISEASE I
08:50-09:10	The PERICLES DONAS Memorial lecture 2024
	Moderators: Daphne Gray, Eschweiler; Grigorios Korosoglou, Weinheim, Germany; Lorenzo Patrone, London, UK
	Historical evolution of image-guided vascular interventions in the treatment of peripheral arterial disease Frank Criado, Baltimore, Maryland, USA
09:10-09:25	Key note lecture
	Moderators: Daphne Gray, Eschweiler; Grigorios Korosoglou, Weinheim, Germany; Lorenzo Patrone, London, UK
	Expanding the evaluation of revascularization in CTLI with tissue loss: The "Woundsome" Concept Lorenzo Patrone, London, UK
09:25-10:30	New frontiers and latest developments of endovascular therapies (Recorded Cases)
	Moderators: Daphne Gray, Eschweiler; Grigorios Korosoglou,
	Weinheim, Germany; Lorenzo Patrone, London, UK
09:25-09:35	 Weinheim, Germany; Lorenzo Patrone, London, UK A) Pulmonary embolism: Clinical value and technical needs of aspiration thrombectomy Arne Schwindt, Münster, Germany
09:25-09:35 09:45-09:55	A) Pulmonary embolism: Clinical value and technical needs of aspiration thrombectomy
	 A) Pulmonary embolism: Clinical value and technical needs of aspiration thrombectomy Arne Schwindt, Münster, Germany B) Embolization of prostatic artery in benign prostata hyperplasia; Tips and tricks, results and limitations
09:45-09:55	 A) Pulmonary embolism: Clinical value and technical needs of aspiration thrombectomy Arne Schwindt, Münster, Germany B) Embolization of prostatic artery in benign prostata hyperplasia; Tips and tricks, results and limitations Georgios Angelopoulos, Paris, France C) Embolization of pelvic veins in pelvic congestion syndrome: Indications, procedural steps and evaluation of technical success

TUESDAY, 28[™] MAY | PAD PROGRAM

11:00-13:00 SESSION 2: PERIPHERAL ARTERIAL DISEASE II

11:00-11:20 The Langen experience with atherectomy-assisted peripheral interventions

Konstantinos Donas, Langen, Germany

Moderators: Daphne Gray, Eschweiler; Grigorios Korosoglou, Weinheim, Germany; Lorenzo Patrone, London, UK

11:20-11:40 The ARISTON Trial

Moderators: Daphne Gray, Eschweiler; Grigorios Korosoglou, Weinheim, Germany; Lorenzo Patrone, London, UK

Challenging the surgical dogma of endarterectomy for atherosclerotic common femoral artery disease: The role of atherectomy

Jason T. Lee, Stanford, USA

11:40-12:00 Key note lecture

Moderators: Daphne Gray, Eschweiler; Grigorios Korosoglou, Weinheim, Germany; Lorenzo Patrone, London, UK

BEST-CLI versus BASIL-2 Trial

Do we have really conflicting results and divergent conclusions? Alik Farber, Boston, USA

12:00-12:30 The big debate

Moderators: Alik Farber, Boston, USA; Grigorios Korosoglou, Weinheim, Germany

Primary therapy for severe intermittent claudication:

12:00-12:08 1) Latest evidence suggests medical treatment as the best choice! Niki Katsiki, Thessaloniki, Greece

12:08-12:16 2) Primary PTA and adjunctive options is the recommended approach

Christian-Alexander Behrendt, Hamburg, Germany

12:16-12:20 Voting

12:20-12:30 The new all-in-one solution to reach, cross and prepare complex PAD lesions: The Oscar Peripheral Multifunctional Catheter Effhymios Beropoulis, Langen, Germany

TUESDAY, 28TH MAY | PAD PROGRAM

13:00-14:00	Lunch Break
14:00-17:30	PERIPHERAL ARTERIAL DISEASE WORKSHOPS
14:00 - 16:00 Room 5	 Workshop No. 6: Dedicated BTK wires for CTLI lesions improve the success rate: The ASAHI wire algorithm for BTK challenging lesions, simulator training and hands-on models Supported by ASAHI Workshop Convener: Lorenzo Patrone
14:00-17:30 Room 6	 Workshop No. 7: The diagnostic and therapeutic utility of IVUS in endovascular procedures: Recorded case from Hybrid OR Langen, Pioneering crossing and re-entry tools Supported by Philips Workshop Conveners: Grigorios Korosoglou, Efthymios Beropoulis
14:00-16:00 Room 1-2	 Workshop No. 8: Treatment of complex aortoiliac & lower limb lesion: algorithms, tools, tips & tricks and innovations presented in engaging cases and hands-on Supported by Biotronik Workshop Conveners: Konstantinos Donas, Christian-Alexander Behrendt
14:00 - 16:00 Room 3	 Workshop No. 9: The importance of vessel preparation by directional atherectomy in CTLI treatment Supported by Medtronic Workshop Convener: Arne Schwindt
14:00 - 16:00 Room 4	 Workshop No. 10: Solutions from access to closure (Simulator-training) in peripheral endovascular procedures Supported by Cordis Workshop Convener: Grigorios Korosoglou
Tuesday – Wednesday, throughout the day Abbott booth	Demonstration: Use of spinal cord ischemia in no-option CTLI cases Supported by Abbott Your contact to get your time slot: M. Gyr



The Breakfast Symposium Challenges in EVAR with case presentations Supported by Medtronic Moderators: Jean Paul de Vries, Groningen, The Netherlands; Jason T. Lee, Stanford, USA
 Complex iliac access Francois Saucy, Morges, Switzerland
• Persistent endoleak Amer Zanabili, Oviedo, Spain
 Complex juxtarenal aneurysm Vladimir Makaloski, Bern, Switzerland
Joint discussion
SESSION 3: RADIATION IN ENDOVASCULAR AORTIC PROCEDURES
Recorded Case from the Hybrid OR, Langen, Germany
Moderators: Farzin Adili, Darmstadt, Germany; Thomas Schmadra, Offenbach, Germany
The utility of CO₂ angiography in endovascular aortic aneurysm repair Effhymios Beropoulis, Langen, Germany
Key note lecture
Moderators: Farzin Adili, Darmstadt, Germany; Thomas Schmadra, Offenbach, Germany
Modern adjunctive tools to minimize radiation exposure during aortic procedures Mauro Gargiulo, Bologna, Italy
Key note lecture
Moderators: Farzin Adili, Darmstadt, Germany; Thomas Schmadra, Offenbach, Germany
Prevention is better than cure: ESVS 2023 new guidelines and tips for reduction of radiation exposure in endovascular procedures Bella Hausen, London, UK

I

10:20-10:50	SESSION 4: AORTIC CASES; TIPS AND TRICKS TO TREAT CHALLENGING CASES
10:20-10:50	Aortic Case from the University of Bern
	Moderators: Farzin Adili, Darmstadt, Germany; Thomas Schmadra, Offenbach, Germany
	Endovascular treatment of complex pararenal aortic aneurysm by use of a surgeon-modified endograft Vladimir Makaloski, Bern, Switzerland
10:50-11:30	Coffee Break

11:30-12:00	SESSION 5: AVC MEETS HELLENIC SOCIETY OF VASCULAR SURGERY
11:30-11:45	 Risk and predective factors for early and late complications after F/B EVAR Athanasios Katsargyris, Athens, Greece
11:45-12:00	• Multicentric registry shows that dedicated bridging devices of iliac side branched endoprosthesis improve the outcomes in also cases with co-existing hypogastric aneurysms Georgios Pitoulias, Thessaloniki, Greece
12:00-12:30	SESSION 6: CHALLENGING AORTIC PATHOLOGY: THE BIG AORTIC DEBATE
	Moderators: Jason T. Lee, Stanford, USA; Frank Criado, Baltimore, USA; Alik Farber, Boston, USA
	Symptomatic juxtarenal PAU with involvement of the lowest renal
12:00-12:10	artery in a patient unfit for open repair A) In-situ Laser fenestration is my preferable option associated with favorable outcomes Marek Kuzniar, Uppsala, Sweden
12:10-12:20	B) The chimney technique is versatile and has already long-term evidence Konstantinos Donas, Langen, Germany
12:20-12:30	C) Surgeon-modified endografting is the new trend of therapy with promising early results Vladimir Makaloski, Bern, Switzerland
12:30-12:45	Discussion/Voting
12:45-13:00	SESSION 7: ENDOVASCULAR TREATMENT OF PARARENAL AORTIC ANEURYSM
	Advanced low profile fenestrated endografting for pararenal aortic aneurysm Lars Kock, Hamburg, Germany
13:00-14:00	Lunch Break

13:30-16:00	AORTIC WORKSHOPS
14:00 - 16:00 Room 5	 Workshop No. 12: EVAR Planning & Sizing (Essentials) for IFU & hostile necks Supported by Terumo Aortic Workshop Conveners: Efthymios Beropoulis, Bernd Gehringhoff
14:00 - 17:00 Room 6	 Workshop No. 13: Endoanchors (ESAR) for reinforcing short proximal sealing-zones - a practical hands-on workshop & AVC meets SEACV - Treatment of persistent endoleaks after EVAR: Indications, Coil-embolization, Onyx-Embolization, transcubital approach Supported by Medtronic Workshop Conveners: Jean Paul de Vries, Tommaso Donati, Paula Keschenau, Amer Zanabili
14:00-16:00 Room 1-2	• Workshop No. 14: EnChEVAR for extending the proximal sealing-zone; Tips and tricks, recorded case, recorded set up in the OR at Hybrid Room at Asklepios Clinic Langen Logistics supported by Medtronic Workshop Conveners: Konstantinos Donas, Francisco Azevedo
13:30-15:30 Room 8	 Workshop No. 15: Endovascular treatment of iliac aneurysms, use of iliac side branch devices, indications, outcomes, procedural steps Supported by Artivion Workshop Convener: Vladimir Makaloski
14:00-15:30 Room 3	 Workshop No. 16: Treatment of complex aorto-iliac lesions by covered stents, Tips and tricks, recorded case Supported by Getinge Workshop Convener: Konstantinos Donas
Tuesday– Wednesday, throughout the day Abbott booth	Demonstration: Use of spinal cord ischemia in no-option CTLI cases Supported by Abbott Your contact to get your time slot: M. Gyr

SPEAKERS

A

- Abu Bakr, Nizar, Dr. Asklepios Klinik Langen, Vascular Surgery, Langen, Germany
- Adili, Farzin, Dr. Klinikum Darmstadt, Vascular medicine, Darmstadt, Germany
- **Angelopoulos**, Georgios, Prof. Dr. American Hospital of Paris, Radio-diagnosis & Medical Imaging, Paris, France
- **Avranas**, Konstantinos Asklepios Klinik Langen, Cardiology/Invasive Electrophysiology, Langen, Germany
- **Axt-Manz**, Daniela, Dr. Praxis für Gefäßkrankheiten, Vascular Surgery, Frankfurt, Germany
- **Azevedo**, Francisco, Dr. St. Marienhospital Lünen, Vascular and Endovascular Management and Education, Lünen, Germany

B

- **Behrendt**, Christian-Alexander, PD Dr. Asklepios Klinik Wandsbek, Vascular Surgery, Hamburg, Germany
- Beropoulis, Effhymios Asklepios Klinik Langen, Vascular and Endovascular Surgery, Langen, Germany

С

• Criado, Frank, Dr. Vascular Surgery, Baltimore, MD, USA

D

- De Vries, Jean Paul, Prof. Dr. University Medical Centre Groningen, Surgery, Groningen, The Netherlands
- **Donas**, Konstantinos, Prof. Dr. Dr. Asklepios Klinik Langen, Vascular Surgery, Langen, Germany
- Donati, Tommaso, Dr. Agostino Gemelli University Polyclinic Founda, Vascular Surgery, Rome, Italy

F

• Farber, Alik, Dr.

Boston Medical Center, Vascular and Endovascular Surgery, Boston, USA

G

- **Gargiulo**, Mauro, Dr. Policlinico Sant`orsola, Surgery, Bologna, Italy
- **Gehringhoff**, Bernd Klinikum Hochsauerland, Vascular Surgery, Arnsberg, Germany
- **Grey**, Daphne, Dr. St.-Antonius-Hospital gGmbH, Vascular surgery and Endovascular Surgery, Eschweiler, Germany

Н

• Hausen, Bella

Lancashire Teaching Hospital, Endovascular & interventional Radiology, London, UK

SPEAKERS

K

- **Katsargyris**, Athanasios, PD. Dr. Klinikum Nürnberg, Vascular Surgery, Athens/Nürnberg, Greece/Germany
- Katsiki, Niki, Dr. International Hellenic University, Thessaloniki, Greece
- **Keschenau**, Paula, PD Dr. Universitätsklinikum Gießen, Vascular Surgery, Gießen, Germany
- Kock, Lars, Dr. Albertinen Krankenhaus, Vascular Surgery, Hamburg, Germany
- Korosoglou, Grigorios, Prof. Dr. GRN Klinik Weinheim, Cardiology and Angiology, Weinheim, Germany
- Kuzniar, Marek Uppsala University Hospital, Vascular Surgery, Uppsala, Sweden

L

• Lee, Jason T., Dr. Vascular Surgery, Stanford, USA

Μ

• Makaloski, Vladimir, Prof. Dr. Inselspital Bern, Vascular Surgery, Bern, Switzerland

Ρ

- **Papapostolou**, Georgios, Prof. Dr. Katholisches Klinikum Bochum, Vascular Surgery, Bochum, Germany
- **Patrone**, Lorenzo, Dr. Dottore London, Radiology, London, UK
- **Piorkowski**, Michael, Dr. med. CCB Medizinisches Versorgungszentrum Frankfurt, Cardiology and Angiology, Frankfurt, Germany
- **Pitoulias**, Georgios, Prof. Aristole University of Thessaloniki, Surgery, Thessaloniki, Greece
- **Psyllas**, Anastasios, Dr. Akademisches Lehrkrankenhaus Marien-Hospital Wesel, Germany

R

• **Rammos**, Christos, Prof. Dr. Universitätsklinikum Essen, Angiology, Essen, Germany

S

- **Saucy**, Francois, Dr. EHC Hospital Morges, Vascular and General Surgery, Morges, Switzerland
- **Schmandra**, Thomas, Dr. Sana Klinikum Offenbach, Vascular Surgery, Offenbach, Germany
- **Schwindt**, Arne, Dr. St. Franziskus Hospital Münster, Vascular Surgery, Münster, Germany

Z

• **Zanabili**, Amer, Dr.

Hospital Universitario Central de Asturias, Angiology, Oviedo, Spain

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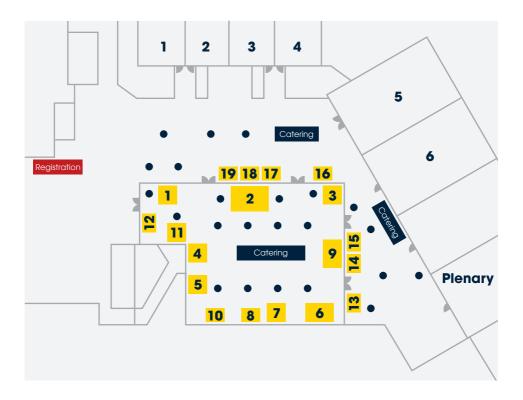
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Transparency: We wish to inform you about the financial assistance of the participating companies according to their membership in FSA e. V. (Association for Voluntary Self-Control of the Pharmaceutical Industry), AKG e. V. (Association for Medicinal Products and Cooperation in the Health Sector) or because the companies have approved the publication. Regardless of the above-mentioned memberships, the conditions and scope of financial assistance of all companies as well as specialist publishers who support the event will be published, if this is stipulated by the professional codes of the respective regional medical associations.

Moreover, this complies with the recommendations of the Federal Medical Association (Bundesärztekammer) on continuing medical education, 4th revised edition, last updated: 24th April 2015, p. 11 et seq., section 32 para. (3) of the (Model) Professional Code for Physicians in Germany ((Muster-)Berufsordnung für die in Deutschland tätigen Ärztinnen und Ärzte-MBO), section 8 para. (1) no. 3 of the (Model) Continuing Medical Education Code (Musterfortbildungsordnung – MFO). The content of this event is designed to be product- and service-neutral. We confirm that the scientific management and the speakers will disclose potential conflicts of interest to the participants. The following companies are sponsors: Abbott Vascular Deutschland GmbH 9.000,00€; ANGIODROID S,p.A. 6.500,00€; Artivion, Inc. JOTEC GmbH 9.000,00€; Asahi Intecc Deutschland GmbH 7.500,00€; BD Becton Dickinson GmbH 15.000,00€; Bentley 4.000,00€; BIOTRONIK Vertriebs GmbH & Co. KG 10.500,00€; Boston Scientific Medizintechnik GmbH 10.000,00€; Cordis Germany GmbH 5.500,00€; Meditonic GmbH 39.000,00€; Penumbra Europe GmbH 15.000,00€; Lombard Medical Technologies GmbH 9.000,00€; 4.000,00€; Shockwave Medical GmbH 7.700,00€; Terumo Deutschland GmbH 1.500,00€; Vascutek Deutschland GmbH 1. Terumo Aortic 10.500,00€; Varyan Medical I Chongo GmbH 15.000,00€; Nactive Deutschland GmbH 1. Terumo Aortic 10.500,00€; Veryan Medical I Chongo GmbH 1.500,00€; W. L. Gore & Associates GmbH 10.000,00€.

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NETWORKING EVENT

Networking event on the boat

Enjoy the enchanting networking Gala Dinner on a boat cruise on the Main River under Frankfurt's skyline on 29th May, 19:00.

Tickets are subject to charge (€65.00 incl. VAT)

Please book your ticket in advance!

Shuttle times from the hotel to the boat (meeting point hotel lobby): 18:00, 18:50

Shuttle back to the hotel: approx. 23:15



GENERAL INFORMATION

Accreditation

The AVC Rhein-Main 2024 has been accredited with **12 CME** credit points by the Medical Association of Hesse (Landesärztekammer Hessen) for full attendance.

Important information about your certificate of attendance

Please note that you have to scan or stick in your EFN (uniform training number) once a day at the conference counter.

The transmission of your CME credits to the Medical Association will then be done automatically after the event.

International participants must submit the certificate of attendance to the medical association responsible for them to receive the CME credits.

Official Conference Language

English

Event Type On-site Conference

Under the auspice of







DATE & VENUE

27th–29th May 2024 Steigenberger Airport Hotel Frankfurt Unterschweinstiege 16 60549 Frankfurt am Main

SCIENTIFIC ORGANISATION

Prof. Dr. Dr. med. Konstantinos P. Donas Chairman of AVC Rhein Main 2024

CONGRESS ORGANISATION

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NETWORKING EVENT ON THE BOAT

29th May 2024, 19:00 (secure your tickets in advance!)

More information online: www.avc-rhein-main.com