

**27<sup>TH</sup> – 29<sup>TH</sup> MAY 2024**

**PROGRAM**

**ADVANCED  
VASCULAR CONFERENCE  
RHEIN-MAIN**



Steigenberger Airport Hotel Frankfurt

**Register online now: [www.avc-rhein-main.com](http://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 14.

## THE "TOP GUN IN VASCULAR SURGERY"

Choose your best colleague from the department, write a top-notch motivation letter and apply to [avc-rhein-main@wikonect.de](mailto:avc-rhein-main@wikonect.de) until 15<sup>th</sup> April to be one of the elite 12 groups at AVC in Frankfurt.

Work together, compete fiercely and claim the coveted title of Top Gun in Vascular Surgery by completing the mission of **PAD Triathlon**.

This is an exceptional vascular and endovascular workshop reserved 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 27<sup>th</sup> 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 must send a motivation letter to the faculty via email to [avc-rhein-main@wikonect.de](mailto:avc-rhein-main@wikonect.de). 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 are selected will receive 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.

### Application

Kindly send your application with a motivation letter to [avc-rhein-main@wikonect.de](mailto:avc-rhein-main@wikonect.de) until 15<sup>th</sup> April.

### 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 29<sup>th</sup> 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

## MONDAY, 27<sup>TH</sup> MAY

|  |   |
|--|---|
| 13:00  | Registration & Welcome  |
| START OF ADVANCED VASCULAR CONFERENCE              |   |
| <b>14:00 – 16:00   Top Gun in Vascular Surgery</b> |   |
| <b>14:00 – 15:30</b>                               | <b>PAD Triathlon</b>  |
| <b>Workshops</b>                                   |   |
| <b>16:00 – 17:30</b>                               | <ul style="list-style-type: none"> <li>• <b>Workshop No. 1: Low profile abdominal stent-grafts in challenging anatomies</b><br/>Supported by Lombard Medical<br/>Workshop Conveners: Georgios Pitoulis, Nizar Abu Bakr</li> </ul>   |
| <b>16:00 – 17:30</b>                               | <ul style="list-style-type: none"> <li>• <b>Workshop No. 2: Rotational Atherectomy by the Jetstream device: Tips and tricks, Indications, recorded case, the Langen mid-term experience: Lessons learned</b><br/>Supported by Boston Scientific<br/>Workshop Conveners: Konstantinos Donas, Gergana Taneva, Konstantinos Avranas</li> </ul> |
| <b>16:00 – 17:30</b>                               | <ul style="list-style-type: none"> <li>• <b>Workshop No. 3: Intravascular lithotripsy in PAD and aortic procedures; Recorded case from Langen Hybrid OR</b><br/>Supported by Shockwave Medical<br/>Workshop Conveners: Grigorios Korosoglou, Christos Rammos, Efthymios Beropoulos</li> </ul>   |
| <b>16:00 – 17:30</b>                               | <ul style="list-style-type: none"> <li>• <b>Workshop No. 4: Aspiration thrombectomy in acute limb ischemia: Intelligent aspiration by the Lightning system, tips and tricks, Indications, Outcomes</b><br/>Supported by Penumbra<br/>Workshop Conveners: Arne Schwindt, Konstantinos Donas</li> </ul>                                       |
| <b>16:00 – 17:30</b>                               | <ul style="list-style-type: none"> <li>• <b>Workshop No. 5: Use of spinal cord ischemia in no-option CTLI cases</b><br/>Supported by Abbott<br/>Workshop Convener: Daniela Axt-Manz</li> </ul>  |

## TUESDAY, 28<sup>TH</sup> MAY | PAD PROGRAM

|                                |   |
|--------------------------------|---|
| 08:45                          | Welcome   |
| <b>08:50 – 10:30 SESSION 1</b> |   |
| <b>08:50 – 09:10</b>           | <b>The PERICLES DONAS Memorial lecture 2024</b><br><br>Moderators: Daphne Gray, Eschweiler; Grigorios Korosoglou, Weinheim, Germany; Lorenzo Patrone, London, UK<br><b>Historical evolution of image-guided vascular interventions in the treatment of peripheral arterial disease</b><br>Frank Criado, Baltimore, Maryland, USA  |
| <b>09:10 – 09:25</b>           | <b>Key note lecture</b><br><br>Moderators: Daphne Gray, Eschweiler; Grigorios Korosoglou, Weinheim, Germany; Lorenzo Patrone, London, UK<br><b>Expanding the evaluation of revascularization in CTLI with tissue loss: The "Woundsome" Concept</b><br>Lorenzo Patrone, London, UK   |
| <b>09:25 – 10:30</b>           | <b>New frontiers and latest developments of endovascular therapies (Recorded Cases)</b><br><br>Moderators: Daphne Gray, Eschweiler; Grigorios Korosoglou, Weinheim, Germany; Lorenzo Patrone, London, UK<br><b>A) Pulmonary embolism: Clinical value and technical needs of aspiration thrombectomy</b><br>Arne Schwindt, Münster, Germany<br><b>B) Embolization of prostatic artery in benign prostatic hyperplasia; Tips and tricks, results and limitations</b><br>Georgios Angelopoulos, Paris, France<br><b>C) Embolization of pelvic veins in pelvic congestion syndrome: Indications, procedural steps and evaluation of technical success</b><br>Georgios Papapostolou, Bochum, Germany |
| 10:30 – 11:00                  | Coffee Break  |
| <b>11:05 – 13:00 SESSION 2</b> |   |
| <b>11:05 – 11:20</b>           | <b>Mid-term outcomes and sex-specific analysis of atherectomy-assisted endovascular therapy of femoro-popliteal lesions</b><br>Gergana Taneva, Langen, Germany<br><br>Moderators: Daphne Gray, Eschweiler; Grigorios Korosoglou, Weinheim, Germany; Lorenzo Patrone, London, UK   |

## TUESDAY, 28<sup>TH</sup> MAY | PAD PROGRAM

### 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:**

- Latest evidence suggests medical treatment as the best choice!  
Niki Katsisi, Thessaloniki, Greece
- No primary PTA and adjunctive options is the recommended approach  
Christian-Alexander Behrendt, Hamburg, Germany

**The new all-in-one solution to reach, cross and prepare complex PAD lesions: The Oscar Peripheral Multifunctional Catheter**  
Efthymios Beropoulos, Langen, Germany

13:00 – 14:00 Lunch Break

## TUESDAY, 28<sup>TH</sup> MAY | PAD PROGRAM

### Workshops

- 14:00 – 16:00** • **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** • **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 Beropoulos
- 14:00 – 16:00** • **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** • **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** • **Workshop No. 10: Solutions from access to closure (Simulator-training) in peripheral endovascular procedures**  
Supported by Cordis  
Workshop Convener: Christos Rammos
- 14:00 – 16:00** • **Workshop No. 11: Rotational Atherothrombectomy with Rotarex: The reliable, effective and safe solution for a broad range of indications**  
Supported by BD  
Workshop Convener: Sven Bräunlich

## WEDNESDAY, 29<sup>TH</sup> MAY | AORTIC PROGRAM

**08:15–09:15 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 Zanabilli, Oviedo, Spain
- **Complex juxtarenal aneurysm**  
Vladimir Makaloski, Bern, Switzerland

### 09:30–10:05 SESSION 3: KEYNOTE LECTURES

**09:30–09:50 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

**09:50–10:05 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

### 10:05–10:50 SESSION 4: RECORDED CASES

**10:05–10:20 Recorded Case from the Hybrid OR, Langen, Germany**  
  
Moderators: Farzin Adili, Darmstadt, Germany; Thomas Schmadra, Offenbach, Germany  
**The utility of CO<sub>2</sub> angiography in endovascular aortic aneurysm repair**  
Efthymios Beropoulos, Langen, Germany

## WEDNESDAY, 29<sup>TH</sup> MAY | AORTIC PROGRAM

**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 AVC meets Hellenic Society of Vascular Surgery

11:30–11:45 • **Risk and predictive 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 Pitoulis, Thessaloniki, Greece

### 12:00–12:30 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 artery in a patient unfit for open repair**

12:00–12:10 **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**  
Mario Lachat, Zurich, Switzerland

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 Recorded Case**  
  
**Advanced low profile fenestrated endografting for pararenal aortic aneurysm**  
Lars Kock, Hamburg, Germany

13:00–14:00 Lunch Break



WEDNESDAY, 29<sup>TH</sup> MAY | AORTIC PROGRAM

## Workshops

- 14:00 – 16:00** • **Workshop No. 12: EVAR Planning & Sizing (Essentials) for IFU & hostile necks**  
Supported by Terumo Aortic  
Workshop Conveners: Efthymios Beropoulos, Bernd Gehringhoff
- 14:00 – 16:00** • **Workshop No. 13: Endoanchors (ESAR) for reinforcing short proximal sealing-zones – a practical hands-on workshop**  
Supported by Medtronic  
Workshop Conveners: Jean Paul de Vries, Tommaso Donati
- 14:00 – 16:00** • **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
- 14:00 – 16:00** • **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** • **Workshop No. 16: Treatment of complex aorto-iliac lesions by covered stents, Tips and tricks, recorded case**  
Supported by Getinge  
Workshop Convener: Konstantinos Donas
- 14:00 – 15:30** • **AVC-Workshop No. 17: AVC meets SEACV Treatment of persistent endoleaks after EVAR: Indications, Coil-embolization, Onyx-Embolization, transcubital approach (Non-industry sponsored)**  
Workshop Conveners: Carlota Fernandez Prendes, Amer Zanabilli

## 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
- **Beropoulos**, Efthymios  
Asklepios Klinik Langen, Vascular and Endovascular Surgery, Langen, Germany
- **Bräunlich**, Sven, Dr.  
MVZ Gornau, Internal medicine, Gornau, Germany

## C

- **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**, Tomasso, Dr.  
Agostino Gemelli University Polyclinic Founda, Vascular Surgery, Rome, Italy

## SPEAKERS

### F

- **Farber**, Alik, Dr.  
Farber, MD, MBA, Surgery, Boston, USA
- **Fernandez Prendes**, Carlota  
LMU Klinikum, Vascular Surgery, Munich, Germany

### 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

### H

- **Hausen**, Bella  
Lancashire Teaching Hospital, Endovascular & interventional Radiology, London, UK

### K

- **Katsargyris**, Athanasios, PD. Dr.  
Klinikum Nürnberg, Vascular Surgery, Athens/Nürnberg, Greece/Germany
- **Katsiki**, Niki, Dr.  
International Hellenic University, Thessaloniki, Greece
- **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

- **Lachat**, Mario, Prof. Dr.  
Klinik Hirslanden, Vascular Surgery, Zurich, Switzerland
- **Lee**, Jason T., Dr.  
Jason T. Lee MD, Vascular Surgery, Stanford, USA

### M

- **Makaloski**, Vladimir, Prof. Dr.  
Inselspital Bern, Vascular Surgery, Bern, Switzerland

### P

- **Papapostolou**, Georgios, Prof. Dr.  
Katholisches Klinikum Bochum, Vascular Surgery, Bochum, Germany
- **Patrone**, Lorenzo, Dr.  
Dottore London, Radiology, London, UK
- **Pitoulis**, Georgios, Prof.  
Aristotle University of Thessaloniki, Surgery, Thessaloniki, Greece

### 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

### T

- **Taneva**, Gergana, Prof. Dr.  
Universitario Puerta de Hierro Majadahonda, Vascular Surgery, Madrid, Spain

### Z

- **Zanabili**, Amer, Dr.  
Hospital Universitario Central de Asturias, Angiology, Oviedo, Spain

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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, 4<sup>th</sup> revised edition, last updated: 24<sup>th</sup> 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€; Getinge Deutschland GmbH 2.500,00€; Lamed GmbH 4.000,00€; Lombard Medical Technologies GmbH 9.000,00€; Penumbra Europe GmbH 15.000,00€; Philips GmbH Market DACH 18.000,00€; PrediSurge 4.000,00€; Shockwave Medical GmbH 7.700,00€; Terumo Deutschland GmbH 1.500,00€; Vascutek Deutschland GmbH t/a Terumo Aortic 10.500,00€; W. L. Gore & Associates GmbH 5.000,00€.

The total costs of the event amount to approx. 248.200€.

Status as of 3<sup>rd</sup> April 2024.

## 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.

### Official Conference Language

English

### Event Type

On-site Conference

### Under the auspice of



### Networking event on the boat

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

Tickets are subject to charge (€ 100.00 incl. VAT)

Please book your ticket in advance!





**REGISTER  
ONLINE NOW!**



## **DATE & VENUE**

27<sup>th</sup> – 29<sup>th</sup> 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**

wikonect GmbH

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## **NETWORKING EVENT ON THE BOAT**

29<sup>th</sup> May 2024, 19:00

(secure your tickets in advance!)

**More information online: [www.avc-rhein-main.com](http://www.avc-rhein-main.com)**