



>> PROGRAMME

12th MUNICH VASCULAR CONFERENCE 2023

... where doctors meet science

7–8 December 2023

Klinikum rechts der Isar, Munich, Germany

CONFERENCE CHAIRMAN: Hans-Henning Eckstein, Munich, Germany

MAC

www.mac-conference.com

| | |
|---|----|
| Welcome | 4 |
| General Information | 5 |
| Social Programme | 9 |
| Scientific Faculty | 10 |
| Overview Thursday, 7 Dec., 2023 | 12 |
| Overview Friday, 8 Dec., 2023 | 14 |
| Programme Thursday, 7 Dec., 2023 (Main Sessions) | 16 |
| Programme Friday, 8 Dec., 2023 (Main Sessions) | 22 |
| Programme Thursday, 7 Dec., 2023 (Concurrent Sessions) | 28 |
| Programme Friday, 8 Dec., 2023 (Concurrent Sessions) | 34 |
| Sponsors | 40 |

Dear colleagues, dear friends of the MUNICH VASCULAR CONFERENCE (MAC),

We are delighted to cordially invite you to the 12th MUNICH VASCULAR CONFERENCE (MAC), which will take place on 7–8 December 2023. Since the pandemic is over, we are more than happy that the 12th MAC will be organized again as a face-to-face symposium here in Munich at the University Hospital of the Technical University of Munich (TUM).

The 12th MAC will continue to be a platform of mutual exchange between vascular clinicians and colleagues from translational and basic vascular research. Both sides will again benefit from each other.

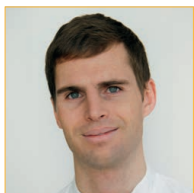
In 2019 we experienced a record participation of more than 600 attendees, who again highly appreciated the choice of topics, the outstanding quality of the presentations from an outstanding faculty and the ideal opportunity for discussions. Since the 11th MAC attracted far more than 1000 online-participants, the 12th MAC will also include some streamed main sessions live from the main auditorium.

The main focus is on: Carotid Sessions, Aortic Sessions, PAD Sessions, Venous Sessions, Digital Vascular Medicine, Translational Vascular Research, Miscellaneous and Workshops.

We very much look forward to welcoming you personally in December 2023.



Prof. Hans-Henning Eckstein
Chairman
em. Head of the Department for
Vascular and Endovascular Surgery
University Hospital rechts der Isar,
Technical University of Munich, Germany



Dr. Christoph Knappich



Dr. Albert Busch



Dr. Eva Knipfer

ACCREDITATION

Bavarian Medical Association (BLAEK)

The programme of the 12th Munich Vascular Conference, 7–8 December 2023, has been accredited by the Bavarian Medical Association with 12 CME points in the category B. To receive your credits please make sure to scan your EFN (Einheitliche Fortbildungsnummer) twice a day at the registration counter.

European Accreditation Council for Continuing Medical Education (EACCME®)

The 12th Munich Vascular Conference, Munich, Germany, 7–8 December 2023 has been accredited for a maximum of 14.5 European CME credits (ECMEC®) by the European Accreditation Council for Continuing Medical Education (EACCME®). Each medical specialist should claim only those credits that he/she actually spent in the educational activity.

The 12th Munich Vascular Conference 2023 is under the auspice of:



European Society for
Vascular Surgery



German Society
for Angiology



German Vascular
Society (DGG)

Department for Vascular and Endovascular Surgery

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Technical University of Munich

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Date and Venue

7–8 December 2023

Klinikum rechts der Isar | Munich | Germany

Main entrance

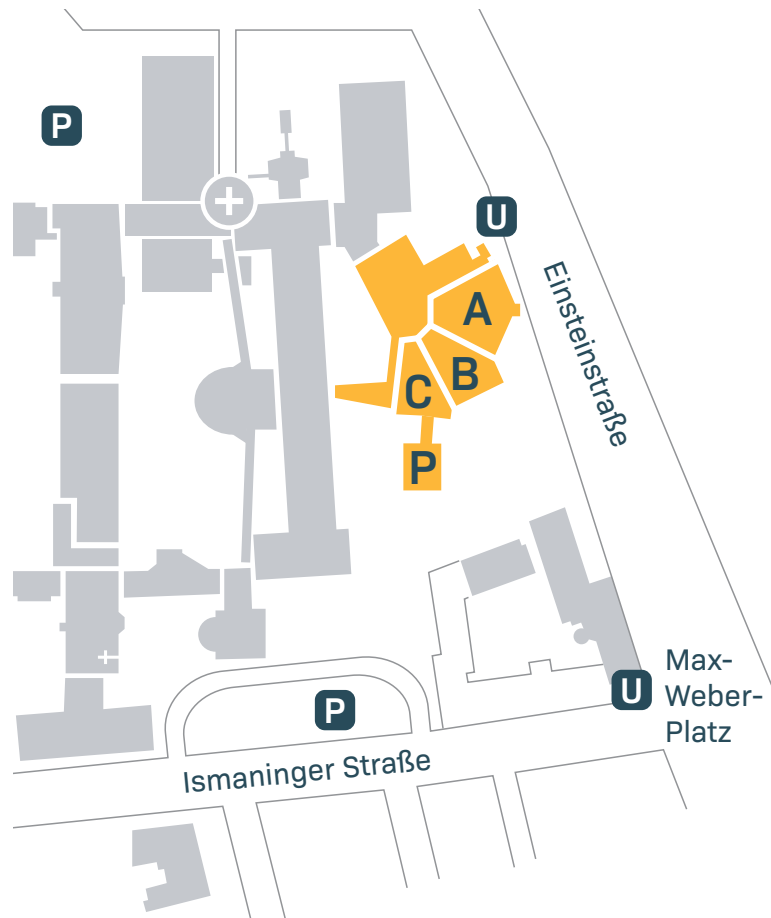
Klinikum rechts der Isar

Ismaninger Straße 22 | 81675 Munich | Germany

Entrance plenary rooms

Klinikum rechts der Isar

Einsteinstraße 5 | 81675 Munich | Germany

**Registration Hours**

Thursday, 7 December 2023 08.00–19.00

Friday, 8 December 2023 08.00–17.30

Registration Fees**Full Registration (7–8 December 2023)**

- Physicians/Industry representatives: EUR 449.00
- Fellows, Nurses, and Medical Technical Assistants (verification required 1): EUR 179.00
- Students and employees of the MRI free of charge (verification required)

Day Registration (7 or 8 December 2023)

- Physicians/Industry representatives: EUR 249.00
- Fellows, Nurses, and Medical Technical Assistants (verification required 1): EUR 89.00
- Students and employees of the MRI free of charge (verification required)

- 1) The reduced registration fee is only available to participants who are currently employed as fellows (physician assistants), nurses, or medical technical assistants. Please provide proof of your current employment status. We accept ENGLISH or GERMAN verifications.
- 2) The reduced registration fee is only available to students who have not concluded their first study yet and who are currently enrolled at the university.

Please provide proof of your current university enrollment. We accept ENGLISH or GERMAN verifications.

Workshops

Workshop registrations are only possible in connection with a registration for the Munich Vascular Conference 2023. Food and beverages are included in the registration fee.

Further information regarding the workshops can be found on the website:

<https://mac-conference.com/programme/>

Congress Chairman

Univ.-Prof. Dr. Dr. h.c. Hans-Henning Eckstein
em. Head of the Department for Vascular and Endovascular Surgery
Universitätsklinikum rechts der Isar, Technical University of Munich, Germany

Congress Secretariat

Albert Busch
Christoph Knappich
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You may find the most recent version of the conference program on
www.mac-conference.com/program

Social Programme

Come and join us for the festive evening in the Bayerischer Hof!

On Thursday, 7th December 2023, from 19.30 – 24.00, we would like to welcome you to the social programme, a festive evening spent at the Hotel Bayerischer Hof, where you can enjoy food, drinks, music and a great atmosphere to connect with friends and colleagues.

Address:

Hotel Bayerischer Hof
Promenadeplatz 2–6
80333 Munich

The attendance at the social dinner is subject of charge.
Please make sure to book your ticket in advance.

A

Abbott, Anne, Sydney/Melbourne, Australia
Avgerinos, Efthymios Makis, Athens, Greece
Artman, Eva, Munich, Germany

B

Bauersachs, Rupert, Frankfurt, Germany
Becker-von-Rose, Aaron, Frankfurt am Main, Germany
Bicknell, Colin, London, United Kingdom
Bonati, Leo, Rheinfelden, Switzerland
Branzan, Daniela, Leipzig, Germany
Brodmann, Marianne, Graz, Austria
Brostjan, Christine, Vienna, Austria
Bulbulia, Richard, Oxford, United Kingdom
Busch, Albert, Dresden, Germany

C

Chakfe, Nabil, Strassbourg, France

D

de Borst, Gert, Utrecht, Netherlands
de Vries, Jean-Paul, Groningen, Netherlands
Debus, Sebastian, Hamburg, Germany
Ducasse, Eric, Bordeaux, France
Dumantepe, Mert, Istanbul, Turkey

E

Eckstein, Hans-Henning, Munich, Germany
Eiberg, Jonas, Copenhagen, Denmark
Enzmann, Florian, Innsbruck, Austria

G

Galyfos, George, Athens, Greece
Geroulakos, George, Athens, Greece
Giannoukas, Athanasios, Larissa, Greece
Gouëffic, Yann, Paris, France
Grego, Franco, Padua, Italy

H

Halliday, Alison, Oxford, United Kingdom
Heyligers, Jan, Tilburg, Netherlands
Hultgren, Rebecka, Stockholm, Sweden
Hyhlik-Dürr, Alexander, Augsburg, Germany

J

Jalaie, Houman, Aachen, Germany

K

Kallmayer, Michael, Munich, Germany
Karathanos, Christos, Larissa, Greece
Karlas, Angelos, Munich, Germany
Knappich, Christoph, Munich, Germany
Kooi, Eline, Maastricht, Netherlands

L

Lareyre, Fabien, Antibes, France
Lescan, Mario, Tübingen, Germany
Liapis, Christos, Athens, Greece
Lindholt, Jes, Odense, Denmark

M

Maegdefessel, Lars, Munich, Germany
Maegerlein, Christian, München, Germany
Makaroun, Michel, Pittsburg, United States
Mansilha, Armando, Porto, Portugal

Menard, Matthew, Boston, United States
Modarai, Bijan, London, United Kingdom
Müller, Mandy, Berne, Switzerland
Mussa, Firas, Texas, United States

N

Nana, Petroula, Hamburg, Germany
Neufang, Achim, Mainz, Germany

P

Paraskevas, Kosmas, Pefki, Greece
Poorthuis, Michiel, Utrecht, Netherlands
Popplewell, Matthew, Birmingham, United Kingdom
Puttini, Illaria, Munich, Germany

R

Rantner, Barbara, Munich, Germany
Reeps, Christian, Dresden, Germany
Riga, Celia, London, United Kingdom
Rohlfs, Fiona, Hamburg, Germany
Rylski, Bartosz, Freiburg, Germany

S

Sachs, Nadja, Munich, Germany
Sakalihasan, Natzi, Liege, Belgium
Schneider, Peter, San Francisco, United States
Scott, Julian, Leeds, United Kingdom
Squizzato, Francesco, Padua, Italy
Stavroulakis, Konstantinos, München, Germany

T

Trenner, Matthias, Wiesbaden, Germany
Tsilimparis, Nikolaos, Munich, Germany

V

Venermo, Maarit, Helsinki, Finland
Verhoeven, Eric, Nuremberg, Germany
Vikatmaa, Pirkka, Helsinki, Finland

W

Wagner, Benjamin, Berne, Switzerland
Wanhainen, Anders, Uppsala, Sweden
Wendorff, Heiko, Munich, Germany
Wildgruber, Moritz, Munich, Germany
Wipper, Sabine, Innsbruck, Austria

Y

Yeung, Kakhee, Amsterdam, Netherlands

Z

Zeebregts, Clark, Groningen, Netherlands
Zeller, Thomas, Bad Krozingen, Germany
Zerwes, Sebastian, Augsburg, Germany
Zhang, Jian, Shenyang, China
Zlatanovic, Petar, Belgrade, Serbia

12th MAC Overview | THURSDAY

| | Lecture Hall A (on-site and streamed) | Lecture Hall B | | Conference Room 1 | Conference Room 2 | |
|-------|--|---|--|--|---|-------|
| 08.00 | | | | | | 08.00 |
| 09.00 | 08.30–09.50 Main Session 1: Asymptomatic carotid stenosis – is screening reasonable and how to assess the individual remote stroke risk? (CAR 1) | | | 08.30–10.30 Workshop: Complex TEVAR Workshop: Treatment of arch aortic aneurysms – theory and practise | 08.30–13.00 Workshop: Peripheral procedures – Hands-on digital simulation and flow model preparation with covered stents | 09.00 |
| 10.00 | 10.10–11.25 Main Session 2: Symptomatic carotid stenosis – open questions from the 2023 ESVS guidelines and new data from current RCTs (CAR 2) | 10.30–11.45 Concurrent Session 1: Aortic disease – what is our contemporary knowledge on development and progression of disease, and interaction with cancer | | 10.30–11.30 Workshop: Essentials of Endovascular Techniques for Treating AAAs (part 1) – patient selection, appropriate anatomy for EVAR, proper use and benefits of Zenith® abdominal devices data from current RCTs (CAR 2) | | 10.00 |
| 11.00 | | | | 11.30–12.30 Workshop: Essentials of Endovascular Techniques for Treating AAAs (part 2) – Planning and sizing, Case presentation, practical exercise | | 11.00 |
| 12.00 | 11.45–12.45 Main Session 3: Optimal lipid management and antithrombotic therapy for carotid stenosis and severe PAD (CAR 3) | | | 12.30–13.30 Workshop: How to correctly measure aortic endografts | | 12.00 |
| 13.00 | 13.00–13.50 Industry symposium | 13.00–13.30 Industry symposium | | 13.30–15.00 Workshop: Complex endovascular repair for the treatment of juxtarenal aortic aneurysms – theory and practise | | 13.00 |
| 14.00 | 14.00–15.15 Main Session 4: Which endovascular tools are suitable for heavily calcified PAD? (PAD 1) | 13.30–14.30 Concurrent Session 2: Aortic graft infection | | | 14.00–16.00 Workshop: Peripheral procedures – Hands-on digital simulation and flow model preparation with covered stents | 14.00 |
| 15.00 | 15.30–17.15 Main Session 5: Critical limb-threatening ischemia – will the outcomes of BEST-CLI and BASIL 2 change the management of CLTI? (PAD 2) | 14.30–16.00 Concurrent Session 3: Short communications and poster presentations on aortic diseases | | 15.00–16.00 Workshop: Intraoperative completion control in CEA and peripheral bypass. Why and how to use TTFM & HFUS | | 15.00 |
| 16.00 | | 16.00–17.00 Concurrent Session 4: Management of vascular case disasters (European Vascular Surgeons in Training EVST) | | 16.00–17.00 Workshop: E-nside – the inner branched off the shelf solution for thoracoabdominal aneurysms – from features to clinical practice and hands-on training | | 16.00 |
| 17.00 | 17.30–19.00 Main Session 6: Digital Vascular Medicine – the future is already here! (DIG VASC MED 1) | 17.00–18.15 Concurrent Session 5: Translational Vascular Research | | | | 17.00 |
| 18.00 | | | | | | 18.00 |
| 19.00 | 19.30 Social Programme | | | | | 19.00 |

■ AOR
 ■ CAR
 ■ PAD
 ■ Special Session
 ■ VEN
 ■ Workshops

12th MAC Overview | FRIDAY

| 📍 | Lecture Hall A (on-site and streamed) | | Lecture Hall B | 📍 |
|------------|--|--|---|------------|
| 08.00 ⌵ | | | | 08.00 ⌵ |
| 09.00 ⌵ | 08.30–09:50 Main Session 7: Recent endovascular advances in the treatment of aortic arch disorders and thoracic aortic aneurysms (TAA) (AOR 1) | | 08.30–10.00 Concurrent Session 6: Short communications and poster presentations on peripheral and carotid disease | 09.00 ⌵ |
| 10.00 ⌵ | 10.10–11.55 Main Session 8: Thoraco-Abdominal Aortic Aneurysms and Type B Dissections (AOR 2) | | 10.00–11.15 Concurrent Session 7: Vascular Specialist Training | 10.00 ⌵ |
| 11.00 ⌵ | | | | 11.00 ⌵ |
| 12.00 ⌵ | 11.55–13.05 Main Session 9: Abdominal aortic aneurysms (AOR 3) | | 11.30–12.40 Concurrent Session 8: Recent advances in the management of vascular malformations | 12.00 ⌵ |
| 13.00 ⌵ | | | | |
| 14.00 ⌵ | 13.30–14:15 Industry symposium | | 13:00–13:45 Meet the expert | 13.00 ⌵ |
| 15.00 ⌵ | 14.20–15.45 Main Session 10: Update on the management options of primary varicosis and deep venous obstructions (VEN 1) | | 14.00–15.00 Concurrent Session 9: MAC & LIVE Symposium – Failed EVAR – challenges and future prospects | 14.00 ⌵ |
| 16.00 ⌵ | 16.00–17.10 Main Session 11: Therapeutic options for deep venous thrombosis (DVT) (VEN 2) | | 15.20–16.50 Concurrent Session 10: Translational photoacoustics in vascular diagnostics | 15.00 ⌵ |
| 17.00 ⌵ | Farewell | | | 16.00 ⌵ |
| 18.00 ⌵ | | | | 17.00 ⌵ |
| 19.00 ⌵ | | | | 18.00 ⌵ |
| | | | | 19.00 ⌵ |

■ AOR
 ■ CAR
 ■ PAD
 ■ Special Session
 ■ VEN
 ■ Workshops

PROGRAMME

MAIN SESSIONS

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| <div> <div> </div> <div>08.30 – 09.50</div> </div> <div> <div> </div> <div>MAIN SESSIONS 1 (Lecture Hall A)</div> </div> | |
| Asymptomatic carotid stenosis – is screening reasonable and how to assess the individual remote stroke risk? (CAR 1) Chairs: Hans-Henning Eckstein | |
| <ul style="list-style-type: none"> Introduction Hans-Henning Eckstein, Munich/Germany | |
| <ul style="list-style-type: none"> Prerequisites for a successful screening programme for asymptomatic carotid stenosis Michiel Poorthuis, Utrecht/Netherlands | |
| <ul style="list-style-type: none"> Why do guidelines recommend screening for AAA, but not for Asymptomatic Carotid Stenosis? Kosmas Paraskevas, Athens/Greece | |
| <ul style="list-style-type: none"> Why screening for (a)symptomatic carotid stenosis is only rarely indicated Anne Abbott, Sydney/Australia | online |
| <ul style="list-style-type: none"> Prognostic models for asymptomatic carotid disease – what is the evidence and what is the future? George Galyfos, Athens/Greece | |
| <ul style="list-style-type: none"> Updates and Insights from ACST-2 – CAS strikes back? Richard Bulbulia, Oxford/United Kingdom | |
| <ul style="list-style-type: none"> Ischaemic brain lesions after CAS vs CEA for asymptomatic carotid stenosis – the ACST-2 MRI substudy Benjamin Wagner, Berne/Switzerland | |
| <ul style="list-style-type: none"> Long-term follow up in ACST-2: why do we need it and what will we learn? Alison Halliday, Oxford/United Kingdom | |
| <ul style="list-style-type: none"> Debate <ul style="list-style-type: none"> ACST 2 and SPACE 2 changed my management of asymptomatic carotid stenosis Barbara Rantner, Munich/Germany Not so: ACST 2 and SPACE 2 did not change my management of asymptomatic carotid stenosis Christos Liapis, Athens/Greece | online |
| <ul style="list-style-type: none"> Closing remarks | |

MAIN SESSIONS

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|--|--------|
| <div> <div> </div> <div>10.10 – 11.25</div> </div> <div> <div> </div> <div>MAIN SESSIONS 2 (Lecture Hall A)</div> </div> | |
| Symptomatic carotid stenosis – open questions from the 2023 ESVS guidelines and new data from current RCTs (CAR 2) Chairs: Alison Halliday, Jonas Eiberg | |
| <ul style="list-style-type: none"> Introduction Alison Halliday, Oxford/United Kingdom | |
| <ul style="list-style-type: none"> Waiting time for CEA – what is the evidence for new embolic events in the wait-time Jonas Eiberg, Copenhagen/Denmark | online |
| <ul style="list-style-type: none"> In patients undergoing mechanical thrombectomy who should undergo synchronous CAS for tandem extracranial ICA stenoses and when should CAS or CEA be deferred? Christian Maegerlein, Munich/Germany | |
| <ul style="list-style-type: none"> Ticagrelor versus clopidogrel in CAS – results of the PRECISE-MRI RCT Mandy Müller, Berne/Switzerland | online |
| <ul style="list-style-type: none"> Optimised medical therapy (OMT) alone versus OMT plus carotid revascularisation in patients at low to intermediate risk of stroke – interim results of the ECST-2 trial Gert de Borst, Utrecht/Netherlands | |
| <ul style="list-style-type: none"> Improved stratification of patients with carotid artery stenosis for carotid revascularization with carotid plaque MR imaging Eline Kooi, Maastricht/Netherlands | |
| <ul style="list-style-type: none"> CAS as preferred treatment for symptomatic carotid stenosis – lessons learned from the COVID-19 pandemic Clark Zeebregts, Groningen/Netherlands | |
| <ul style="list-style-type: none"> Is TCAR in recently symptomatic patients as safe as CEA? Michel Makaroun, Pittsburgh/USA | |
| <ul style="list-style-type: none"> Closing remarks Jonas Eiberg, Copenhagen/Denmark | online |

PROGRAMME

MAIN SESSIONS

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|--|--------|
| ⌵ 11.45 – 12.45 | |
| 📍 MAIN SESSIONS 3 (Lecture Hall A) | |
| Optimal lipid management and antithrombotic therapy for carotid stenosis and severe PAD (CAR 3) | |
| Chairs: Marianne Brodmann, Sebastian Debus | |
| • Introduction Marianne Brodmann, Graz/Austria | online |
| • Lipid management for high-risk carotid lesions: Statins, PCSK9 or both? Christos Liapis, Athens/Greece | online |
| • Should a LDL level below 55 mg% be achieved in any > 50 % carotid stenosis? Christine Espinola-Klein, Mainz/Germany | |
| • Risk of bleeding complications with different perioperative antithrombotic regimens during CEA Gert de Borst, Utrecht/Netherlands | |
| • Optimal Periprocedural Antithrombotic Treatment in Carotid Interventions: An International, Multispecialty, Expert Review and Position Statement Kosmas Paraskevas, Athens/Greece | |
| • Keynote lecture: Antithrombotic management in PAD – balancing ischemic and bleeding risk Rupert Bauersachs, Frankfurt/Germany | online |
| • Closing remarks Sebastian Debus, Hamburg/Germany | online |

MAIN SESSIONS

| | |
|--|--------|
| ⌵ 14.00 – 15.15 | |
| 📍 MAIN SESSIONS 4 (Lecture Hall A) | |
| Which endovascular tools are suitable for heavily calcified PAD? (PAD 1) | |
| Chairs: Christine Espinola-Klein, Julian Scott | |
| • Introduction Christine Espinola-Klein, Mainz/Germany | |
| • Calcium treating technologies for PAD Marianne Brodmann, Graz/Austria | online |
| • Endovascular management of calcified femoropopliteal lesions Rabih Chaer, Pittsburgh/USA | |
| • PAD treatment in the outpatient department – our experiences hospitalization Yann Gouëffic, Paris/France | online |
| • Risks and benefits of drug-eluting devices in PAD – do they help in calcified PAD lesions? Peter Schneider, San Francisco/USA | online |
| • Indications and outcomes of the BioMimics-3D stent Heiko Wendorff, Munich/Germany | |
| • Endovascular treatment of complex aorto-iliac obstructive disease Franco Squizzato, Padua/Italy | online |
| • Directional atherectomy with the HawkOn Konstantinos Stavroulakis, Munich/Germany | |
| • Keynote lecture: Pros and cons of current atherectomy devices and is sirolimus coated DCB superior to paclitaxel coated DCB? Thomas Zeller, Bad Krozingen/Germany | online |
| • Closing remarks Julian Scott, Leed/United Kingdom | online |

PROGRAMME

MAIN SESSIONS

08.30 – 09.50

MAIN SESSIONS 7 (Lecture Hall A)

Recent endovascular advances in the treatment of aortic arch disorders and thoracic aortic aneurysms (TAA) (AOR 1)

Chairs: Natzi Sakalihasan, Christian Reeps, Bijan Modarai

- Introduction
Christian Reeps, Dresden/Germany
- Endovascular options for the ascending aorta and the aortic arch
Fiona Rohlfes, Hamburg/Germany *online*
- Navigating aortic arch with care: how to minimize the risk of neurological events during aortic arch repair
Bartosz Rylski, Freiburg/Germany
- Endovascular aortic arch repair with the transaxillary Branch-to-Branch-to-Branch Technique to avoid exposure of the supra-aortic vessels
Nikolaos Tsilimparis, Munich/Germany
- Total arch repair with in-situ fenestration of a single branched endograft and concomitant left hemispheric perfusion with an axillo-carotid ex-situ crossover bypass
Mario Lescan, Tübingen/Germany *online*
- In Situ Needle Fenestration for Total Endovascular Management of Aortic Arch Pathologies – preoperative Evaluation and Preparation
Jian Zhang, Shenyang/China
- Is TEVAR justifiable in the patients with connective tissue disorders?
Natzi Sakalihasan, Liege/Belgium
- The Effective Treatments for Thoracic Aortic Aneurysms (ETTAA) surveillance study – should we increase the threshold for repair?
Colin Bicknell, London/United Kingdom
- Apposition measurements post-TEVAR can predict type IA and IB endoleaks
Jean-Paul de Vries, Groningen/Netherlands
- Closing remarks
Bijan Modarai, London/United Kingdom

10.10 – 11.55

MAIN SESSIONS 8 (Lecture Hall A)

Thoraco-Abdominal Aortic Aneurysms and Type B Dissections (AOR 2)

Chairs: Dittmar Böckler, Franco Grego, Michel Makaroun

- Introduction
Franco Grego, Padua/Italy *online*
- New pharmaceutical treatment data for type b aortic dissection
Rebecka Hultgren, Stockholm/Sweden
- Thoracoabdominal hybrid repair using the Thoracoflo device
Sabine Wipper, Innsbruck/Austria
- Does open repair still remain the gold standard for complex aortic aneurysm repair? What do propensity score studies show?
George Geroulakis, Athens/Greece
- Evaluation of Spinal Cord Blood Supply after MISACE and EVAR of TAAAs with Hyperspectral Imaging
Daniela Branzan, Leipzig/Germany
- Integrity of covered stents after fenestrated endovascular aneurysm repair
Clark Zeebregts, Groningen/Netherlands
- Single center initial experience with inner branch complex EVAR in 44 patients
Christian Reeps, Dresden/Germany
- The global effort to complete RCTs on uncomplicated TBAD: IMPROVE-AD, EARNEST and SUNDAY
Firas Mussa, London/United Kingdom *online*
- Strategies for complex endovascular aortic repair in patients with chronic aortic dissection and how to leverage stent graft design
Bijan Modarai, London/United Kingdom
- The role of the dissection membrane in the treatment of type B dissections and its implications on dSINE occurrence
Mario Lescan, Tübingen/Germany *online*
- Keynote lecture: Longterm complications after F/BEVAR, lessons learned from 20 years of F/BEVAR
Athanasios Katsargyris, Athens/Greece
- Closing remarks
Michel Makaroun, Pittsburgh/USA

MAIN SESSIONS

11.55 – 13.05

MAIN SESSIONS 9 (Lecture Hall A)

Abdominal aortic aneurysms (AOR 3)

Chairs: Maarit Venermo, Christoph Knappich, Matthias Trenner

• Introduction

Maarit Venermo, Helsinki/Finland

• The impact of aortic volume in the natural history of AAA

Athanasois Giannoukas, Larissa/Greece

• How AAA screening affects the elective surgery repair rates and rupture repair rates – a population-based trial performed in Finland and Sweden

Maarit Venermo, Helsinki/Finland

• AAA: the role of open surgery in the endovascular era

Franco Grego, Padua/Italy

• How initially good ideas could fail – the NELLIX story

Sebastian Zerwes, Augsburg/Germany

• Outcomes of endovascular repair of infrarenal penetrating aortic ulcers

Dittmar Böckler, Heidelberg/Germany

• Endovascular treatment of AAA: impact of diabetes on endoleaks and reintervention

Natzi Sakalihasan, Liege/Belgium

• Follow-up schedules after EVAR

Michel Makaroun, Pittsburgh/USA

• Keynote lecture: What can we expect from the 2024 ESVS AAA guidelines?

Anders Wanhainen, Uppsala/Sweden

• Closing remarks

Matthias Trenner, Wiesbaden/Germany

online

online

MAIN SESSIONS

| | |
|--|---------------|
|  14.20 – 15.45  MAIN SESSIONS 10 (Lecture Hall A) | |
| Update on the management options of primary varicosis and deep venous obstructions (VEN 1) Chairs: Armando Mansilha, Sebastian Debus | |
| <ul style="list-style-type: none"> • Introduction Armando Mansilha, Porto/Portugal | <i>online</i> |
| <ul style="list-style-type: none"> • Endovenous thermal ablation techniques for the treatment of large diameter incompetent GSV Christos Karathanos, Larissa/Greece | |
| <ul style="list-style-type: none"> • Should GSV/SSV tributaries be always treated in truncal vein ablation/removal? Armando Mansilha, Porto/Portugal | <i>online</i> |
| <ul style="list-style-type: none"> • Deep venous interventions – standards and appropriateness of care Efthimios Avgerinos, Athens/Greece | |
| <ul style="list-style-type: none"> • Defining patient groups who should not undergo venous stenting Houman Jalaie, Aachen/Germany | |
| <ul style="list-style-type: none"> • Transposition of the profunda femoral vein in patients with femoral reflux Sebastian Debus, Hamburg/Germany | <i>online</i> |
| <ul style="list-style-type: none"> • Management of upper extremity DVT – how I do it Efthimios Avgerinos, Athens/Greece | |
| <ul style="list-style-type: none"> • Venous TOS: new multidisciplinary evidence-based treatment approach Gert de Borst, Utrecht/Netherlands | |
| <ul style="list-style-type: none"> • Treatment options for pelvic congestion syndrome – embolization with “Liquid Embolic Agents & Coils” Mert Dumantepe, Istanbul/Turkey | |
| <ul style="list-style-type: none"> • Closing remarks Sebastian Debus, Hamburg/Germany | <i>online</i> |

PROGRAMME

MAIN SESSIONS

16.00 – 17.10

MAIN SESSIONS 11 (Lecture Hall A)

Current controversies in the treatment of acute deep venous thrombosis (VEN 3)

Chairs: Athanasois Giannoukas, Houman Jalai

- Introduction
Athanasois Giannoukas, Larissa/Greece *online*
- General consideration of interventional treatment of DVT (including the role of IVUS)
Houman Jalai, Aachen/Germany
- Acute DVT intervention – choosing the right patient and the right technique
Efthimios Avgerinos, Athens/Greece
- Is there still a place for catheter-directed thrombolysis or EKOS?
Mert Dumantepe, Istanbul/Turkey
- Medical management alone remains the Gold Standard for the majority of patients with iliofemoral DVT
Eva Artman, Munich/Germany
- Long-term outcomes of endovascular vs open surgical treatment for pelvic venous disorders
Andriy Nykonenko, Zaporozhye/Ukraine
- Endovascular interventions for pulmonary embolism
Rabih Chaer, Pittsburgh/USA
- Closing remarks
Houman Jalai, Aachen/Germany

PROGRAMME

CONCURRENT SESSIONS

10.30 – 11.45

CONCURRENT SESSION 1 (Lecture Hall B)

Aortic disease – what is our contemporary knowledge on development and progression of disease, and interaction with cancer

Chairs: Rebecka Hultgren, Albert Busch

- Introduction
Albert Busch, Dresden/Germany
- Midterm changes in iliac limb apposition after endovascular aortic aneurysm repair
Maria Annette Kooijman, Groningen/Netherlands
- Changes in the mortality of ruptured AAA in a 16-year transition period from OAR to EVAR *online*
Konstantinos Spanos, Larissa/Greece
- Peak wall rupture Index is associated with time-to-rupture in AAA independently of size and sex
Antti Silka, Stockholm/Sweden
- Influence of weather and air constituents on aortic ruptures in the south of Germany
Alexander Hyhlik-Dürr, Augsburg/Germany
- Prevalence of AAA in first degree relatives – Detecting AAA in adult offspring of AAA patients (DAAAD)
Rebecka Hultgren, Stockholm/Sweden
- Does infield/outfield radiation influence AAA growth?
Aaron Becker-von-Rose, Munich/Germany
- The cancer risk to patients from radiation exposure after endovascular repair and the role of radiation sparing technologies
Bijan Modarai, London/United Kingdom
- How to build up an oncovascular service
Pirkka Vikatmaa, Helsinki/Finland

CONCURRENT SESSIONS

- Closing remarks
Rebecca Hultgren, Stockholm/Sweden

13.30 – 14.30

CONCURRENT SESSION 2 (Lecture Hall B)

Aortic graft infection

Chairs: Christoph Knappich, Anders Wanhainen

- Introduction
Christoph Knappich, Munich, Germany
- Biological conduits in the management of aortic graft infections
George Geroulakis, Athens/Greece
- Aortic vascular graft and endograft infection – outcome analysis in a dual center cohort
Illaria Puttini, Munich/Germany
- The role of open and endovascular surgery for aortic graft infections *online*
Franko Grego, Padua/Italy
- Treatment of aortic graft infections (including F/BEVAR) in a large national cohort study
Anders Wanhainen, Uppsala/Sweden
- How to define which is the best treatment for an endograft infection: conservative, drainage or graft removal?
Clark Zeebregts, Groningen/Netherlands
- The infection ESVS guidelines
Nabil Chakfe, Strassbourg/France

PROGRAMME

CONCURRENT SESSIONS

- Closing remarks
Anders Wanhainen, Uppsala/Sweden

🕒 14.30 – 16.00

📍 CONCURRENT SESSION 3 (Lecture Hall B)

Short communications and poster presentations on aortic diseases (Abstracts)

Chairs: Michael Kallmayer, Albert Busch

- Introduction
Albert Busch, Dresden/Germany
- Urgent or emergent endovascular repair of infective and non-infective aortitis as a cause of acute aortic syndromes *online*
Bernardo Orellana Dávila, Rome/Italy
- Adult patients with Aortic Coarctation – treatment decisions
Rolf Dammrau, Siegburg/Germany
- Aortic pulsatility assessment on ECG-gated CTA in patients with abdominal aneurysms
Daniele M Fontanini, Budapest/Hungary
- Common discussion
- Significance of a short-chain fatty acid-responsive signaling pathway for aortic endothelial integrity *online*
Inka Terhorst, Münster/Germany
- Possible biomarkers for AAA rupture – is urine worth investigating? *online*
Sigita Urbonavicius, Viborg/Denmark
- The timing for endovascular treatment of spontaneous isolated superior mesenteric artery dissection *online*
Zhiyuan Wu, Beijing/China
- Real world experience with the TREO EVAR device – mid-term results from two German university centers
Sebastian Zerwes, Augsburg/Germany
- How the CYDAR AI platform works – benefits and outlook (supported by CYDAR)
Jan Heyligers, Tilburg/Netherlands
- e-Health in Vascular Diseases: how to integrate Digital Innovation in Clinical Practice?
Fabien Lareyre, Antibes/France
- The „Lasso Technique“: A novel manoeuvre to stabilize a steerable sheath for transfemoral access to antegrade branches in branched endovascular aortic repair
Heiko Wendorff, Munich/Germany
- Common discussion
- Closing remarks
Michael Kallmayer, Munich/Germany

CONCURRENT SESSIONS

🕒 16.00 – 17.00

📍 CONCURRENT SESSION 4 (Lecture Hall B)

Management of vascular case disasters (European Vascular Surgeons in Training EVST)

Chairs: Petar Zlatanovic, Moritz Wegner, Petroula Nana

- Opening remarks
Petar Zlatanovic, Belgrade/Serbia
- Off-the-shelf BEVAR gone wrong
David Wippel, Innsbruck/Austria
- The world's longest bypass
Amelie Behrens, Cologne/Germany
- Can we predict unpredictable (carotid case)
Leszek Kukulski, Zabrze/Poland
- Closing remarks
Petroula Nana, Hamburg/Germany

PROGRAMME

CONCURRENT SESSIONS

📅 17.00 – 18.15

📍 CONCURRENT SESSION 5 (Lecture Hall B)

Translational Vascular Research

Chairs: Lars Maegdefessel, Christine Brostjan

- Introduction
Lars Maegdefessel, Munich/Germany
- Clonal Hematopoiesis of Indeterminate Potential in Peripheral Artery Disease
Daniela Branzan, Leipzig/Germany
- Selective inhibition of soluble tumor necrosis factor signaling reduces abdominal aortic aneurysm progression
Jes Lindholt, Tilburg/Denmark
- ApoE is involved in popliteal aneurysm pathogenesis or an intrinsic healing response rescuing the contractile VSMC phenotype
Jessica Pauli, Munich/Germany
- HistAAA: histological and biomechanic wall properties and clinical variables in > 350 AAA treated by open surgery
Albert/Busch, Dresden/Germany
- Is IgG4 related to AAA?
Nadja Sachs, Munich/Germany
- Closing remarks
Christine Brostjan, Vienna/Austria

PROGRAMME

CONCURRENT SESSIONS

08.30 – 10.00

CONCURRENT SESSION 6 (Lecture Hall B)

Short communications and poster presentations on peripheral and carotid disease (Abstracts)

Chairs: Michael Kallmayer, Heiko Wendorff

- Introduction
Michael Kallmayer, Munich/Germany
- Serum Markers of Cytokines and Chemokines in TA: A Systematic Review and Meta-Analysis *online*
Wenxin Zhao, Beijing/China
- Design and Protocol for Beijing Hospital Takayasu Arteritis (BeTA) Biobank
Shang Gao, Beijing/China
- Incidence of carotid artery stenosis in patients with familial hyperlipidemia
Sumeja Catic, Zenica/Bosnia and Herzegovina
- Variability in antithrombotic treatment after lower extremity revascularisation *online*
Alison Zhu, Westmead/Australia
- Acute infraglenoid ischemia -Importance of infraglenoid exposure and selective thromboembolism of the popliteal and crural Arteries
Rufat Gulmaliyev, Mönchengladbach/Germany
- A novel balloon anchoring catheter for chronic total occlusions (CTO) – a proof-of-concept in-vitro study *online*
Danae Manolesou, Athens/Greece
- Endovascular treatment of central venous obstruction as a complication of prolonged hemodialysis – Bokhua Memorial Cardiovascular Clinic Experience
Vakhtang Kipiani, Tbilisi/Georgia
- Surgical treatment of pulmonary embolism in a 25-week pregnant woman
Vasyl Lazorishinets, Vinnitsa/Ukraine
- Use of Shockwave Intravascular Lithotripsy in Recanalization of Calcified Visceral and Renal Arteries: A Case Report and Update of the Literature
Tarek Hamwi, Munich/Germany
- Revascularization of (sub)-total occluded peripheral arterial vessels with BYCROSSTM atherectomy device (RETSOBA). Preliminary results of the prospective national multicenter observational study
Dominik Liebetrau, Augsburg/Germany

- Management of femoral pseudoaneurysms in I.v. drug users – Experience from the Vascular Surgery unit of a referral hospital in UK
Ala Hassouneh, Stoke on Trent/United Kingdom

- Emergency Endovascular Stent Graft for Common Femoral Artery Infected Pseudoaneurysm in High-risk Patients, Is It a Durable Solution? Case Report
Salem Alatef Sultanm Najran/Saudi-Arabia

- Management of femoral pseudoaneurysms in I.v. drug users – experiences from the United Kingdom
Ala Hassouneh, Stoke on Trent/United Kingdom

- Intervention for near total occlusion of the internal carotid artery – a single center experience
George Kouvelos, Larissa/Greece

- Closing remarks
Heiko Wendorff, Munich/Germany

PROGRAMME

CONCURRENT SESSIONS

| 10.00 – 11.15 CONCURRENT SESSION 7 (Lecture Hall B) | |
|--|--------|
| Vascular Specialist Training Chairs: Celia Riga, Matthias Trenner | |
| • Introduction Matthias Trenner, Wiesbaden/Germany | |
| • Kick-off talk: Education in vascular surgery Nabil Chakfé, Stasbourg/France | |
| • Specialty training in the NHS/Dedicated team training Celia Riga, London/United Kingdom | |
| • The Copenhagen experience on advanced simulation-based training, certification and assessment of open and endovascular treating of AAA Jonas Peter Eiberg, Copenhagen/Denmark | online |
| • RCT in Sierra Leone on a 3D reality amputation course Julian Scott, Leeds/United Kingdom | online |
| • Challenge of finding and training academical vascular surgeons Albert Busch, Dresden/Germany | |
| • How industry can contribute to vascular surgical education Markus Deinhardt, Tübingen/Germany | |
| • Closing remarks Celia Riga, London/United Kingdom | |

CONCURRENT SESSIONS

| 11.30 – 12.40 CONCURRENT SESSION 8 (Lecture Hall B) | |
|--|--------|
| Recent advances in the management of vascular malformations Chairs: Fiona Rohlffs, Moritz Wildgruber | |
| • Opening remarks Fiona Rohlffs, Hamburg/Germany | online |
| • Introduction into current concepts of vascular anomalies Moritz Wildgruber, Munich/Germany | |
| • New kids on the block in the treatment of vascular malformations Fiona Rohlffs, Hamburg/Germany | online |
| • Multidisciplinary holistic treatment of glomuvenous vascular malformations George Geroulakos, Athens/Greece | |
| • Advancing treatment strategies: glue embolization for uterine arterio-venous malformations Islam Kourampi, Athens/Greece | online |
| • Treatment of Arteriovenous Malformations of the face, a retrospective multi-center analysis Vanessa Schmidt, Munich/Germany | |
| • Closing remarks Moritz Wildgruber, Munich/Germany | |

PROGRAMME

CONCURRENT SESSIONS

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| 14.00 – 15.00 CONCURRENT SESSION 9 (Lecture Hall B) |
| MAC & LIVE Symposium – Failed EVAR – challenges and future prospects Chairs: Athanasios Giannoukas, Hans-Henning Eckstein |
| <ul style="list-style-type: none"> Opening remarks Athanasios Giannoukas, Larissa/Greece <i>online</i> Why EVAR fails? Can we prevent failure? Konstantinos Moulakakis, Patras/Greece Type II endoleak: When is it considered a failure? What should the appropriate management be? Christos Ioannou, Heraklion/Greece What is the best option to repair an EVAR failure? Athanasios Katsargyris, Athens/Greece Rupture after EVAR. Treatment options. George Georgiadis, Alexandroupolis/Greece Common Discussion Christos Ioannou, Heraklion/Greece Closing remarks Hans-Henning Eckstein, Munich/Germany |

CONCURRENT SESSIONS

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| 15.20 – 16.50 CONCURRENT SESSION 10 (Lecture Hall B) |
| Translational photoacoustics in vascular diagnostics Chairs: Angelos Karlas, Ulrich Rother |
| <ul style="list-style-type: none"> Introduction Ulrich Rother, Erlangen/Germany Vascular optoacoustics: Why, how and when? Moritz Wildgruber, Munich/Germany <i>online</i> Intravascular applications Gijs van Soest, Rotterdam/Netherlands <i>online</i> Endothelial dysfunction and vascular dynamics Carsten Höltke, Münster/Germany <i>online</i> Carotid artery disease Angelos Karlas, Munich/Germany Peripheral arterial disease Ulrich Rother, Erlangen/Germany Diabetes and microvascular disorders Nikolina-A. Fasoula, Munich/Germany Preclinical vascular imaging Daniel Razansky, Zurich/Switzerland <i>online</i> Imaging of the lymphatic system Yushi Suzuki, Tokyo/Japan <i>online</i> Closing remarks Angelos Karlas, Munich/Germany |

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