

LEIPZIG
INTERVENTIONAL
COURSE
2022

LINC

6 – 9 June 2022

Trade Fair Leipzig, Hall 2
Messe-Allee 1
Leipzig, Germany
and virtual

PROGRAMME

Welcome to LINC 2022

The Leipzig Interventional Course is committed to advancing the scientific and clinical evaluation and treatment of patients with complex vascular disease through an interdisciplinary discussion of novel endovascular techniques.

LINC is a comprehensive and international live course designed to foster collaboration between colleagues of differing specialties and to promote the understanding and development of endovascular therapies that can be incorporated into daily clinical practice.

The involvement of leading interventional centers from around the globe as live transmission sites will provide a broad coverage of different interventional approaches and techniques.

The organisers of the course and the members of the faculty would like to welcome you to the LEIPZIG INTERVENTIONAL COURSE 2022.



GENERAL INFORMATION

Room 1 – Main arena 1

1

Full day programme with state of the art lectures, clinical trial reviews and controversial, interdisciplinary debates, alternating with numerous live case demonstrations highlighting current interventional challenges and new technologies.

Room 2 – Main arena 2

2

The programme in the Main Arena 2 will focus on endovascular aortic interventions and other fields of endovascular surgery.

Speakers' corner

3

This room with an informal lounge style character will feature presentations of selected abstracts, clinical cases and complications, as well as clinical trial updates.

The entire content of LINC 2022 will be streamed via our online platform:

LINC 2022 Login:

<https://www.leipzig-interventional-course.com/visitors/linc-2022-login/>

The entire content will also be available as on-demand content shortly after the course.

All registered participants have received their login credentials via e.mail.

LIVE CASE TRANSMISSION CENTERS

During LINC 2022 several live cases will be performed from national and international centers.

All live case transmissions are coordinated, filmed, and produced by the mediAVentures crew, using the latest in high definition television and wireless technology.

- **Universitätsklinikum Leipzig, Abt. Angiologie, Leipzig, Germany**
- **Policlinico Abano Terme, Abano Terme, Italy**
- **Kansai Rosai Hospital Amagasaki, Amagasaki, Japan**
- **Universitäts-Herzzentrum Bad Krozingen, Bad Krozingen, Germany**
- **West China Hospital, Sichuan University, Chengdu, China**
- **Universitäres Herz- und Gefäßzentrum UKE Hamburg, Hamburg, Germany**
- **Universitätsklinikum Jena, Jena, Germany**
- **Wellmont CVA Heart & Vascular Institute, Kingsport, United States**
- **Heart Center Leipzig, Leipzig, Germany**
- **Centro Cardiologico Monzino, Milan, Italy**
- **Hesperia Hospital, Modena, Italy**
- **St. Franziskus Hospital Münster, Münster, Germany**
- **Hôpital Marie Lannelongue Paris, Paris, France**
- **Urayasu Ichikawa, Tokyo Bay Medical Center, Urayasu, Japan**
- **University of Insubria, Varese, Italy**
- **UniversitätsSpital Zürich, Zurich, Switzerland**

GUIDE TO LIVE CASE TRANSMISSIONS

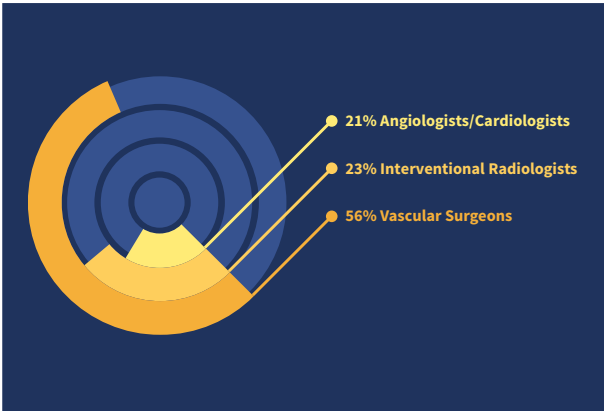
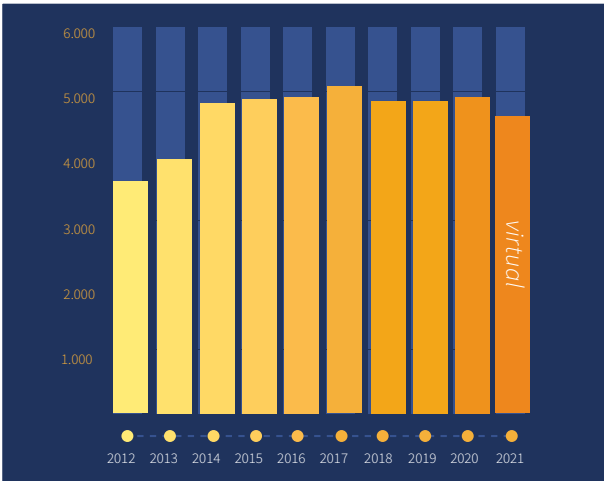
Guide to LIVE CASE TRANSMISSIONS for LINC 2022

Scan this QR code to find the details of the planned live cases



LINC 2021 STATISTICS

LINC 2021 was a virtuell event and had a multidisciplinary attendance of 4,694 participants from more than 70 countries. Please visit our website for more details.



LINC 2022 – ACCREDITATIONS AND ENDORSEMENTS

- The Sächsische Landesärztekammer with 21 CME points.

www.slaek.de

- The Swiss Society for Angiology with 20 Credits

www.angioweb.ch



- Dutch Association for Vascular Surgery with 20 accreditation points in Category I

www.vaat-chirurgie.nl



LINC 2022 is under the patronage of:

- The German Society for Angiology

www.dga-gefaessmedizin.de



- The German Society of Vascular Surgery

www.gefaesschirurgie.de



- The European Society for Vascular Medicine

www.vascular-medicine.org



Ethical MedTech:

- LINC 2022 is rated compliant with the Medtech Europe code of ethical business practice www.ethicalmedtech.eu



GENERAL INFORMATION – ONSITE

Registration desks will be open on

Venue:

The registration desks are located in the Congress Center at the Trade Fair Leipzig and will be open on:

Monday, 6 June	11:30 – 19:00
Tuesday, 7 June	07:00 – 18:00
Wednesday, 8 June	07:15 – 18:00
Thursday, 9 June	07:15 – 16:00

Exhibit hours

Monday, 6 June	12:00 – 18:00
Tuesday, 7 June	08:00 – 18:00
Wednesday, 8 June	08:00 – 18:00
Thursday, 9 June	08:00 – 18:00

Your **name badge** must be worn at all times for admittance to all LINC 2022 sessions, including the exhibit area. No new badge will be printed in case of loss. No exceptions will be made.

Internet access

Internet is available for free in the exhibit area during the entire duration of the congress. **SSID: Leipziger Messe | Username: linc2022 | Password: leipzig**

Privacy

The qr-code on your badge contains your encoded contact details. Only exhibitors who have the LINC 2022 qr-code reader will be able to obtain them from you. ***By letting exhibitors scan your badge, you give your consent to share your data.***

We will be taking photography throughout the event for use in future marketing and communication activities. ***If you DO NOT wish your photo to be included, please pick up a GREEN lanyard*** from the registration desks so that you can be identified by our photographer.

Media restrictions

LINC strictly prohibits videotaping or recording any of the scientific sessions and live cases in the plenary rooms. Attendees with cameras will be asked to turn them off and put them away.

Meeting rooms

All meeting rooms are located in the adjacent CCL. Please follow the signs from hall 2 to the CCL. A concierge at the CCL will show you the location of your meeting room.

Room of silence

The room of silence is located in the adjacent CCL, Multi-Purpose Area 3, level 0. Please follow the signs from hall 2 to the CCL.

LINC Today – our daily newspaper

You can find the LINC Today team in the adjacent CCL, Multi-Purpose Area 4, level 0.

Assistance needed?

If you need assistance to enter the venue, please contact us at the registration desk in the CCL, or beforehand in our office at info@cong-o.com.

Information desk

For your convenience we have arranged for an information desk in hall 2. You will be able to obtain information/make reservations regarding local restaurants, hotels, ticket sales, etc.

Restaurant

At LINC you have the opportunity to visit our restaurants right next to hall 2. One restaurant offers a self-service counter for beverages and snacks, the other is a full service restaurant, serving a variety of hot and cold dishes every day of the congress.

For table reservation, please contact:

Mrs. Xenia Hunger

Phone: +49 341 678 7011

E-Mail: xenia.hunger@fairgourmet.de

COURSE CHAIRMAN

Dierk Scheinert, Cardiologist, Angiologist, *Leipzig, Germany*

SCIENTIFIC COMMITTEE

Marianne Brodmann, Angiologist, *Graz, Austria*

Wei Guo, Vascular Surgeon, *Beijing, China*

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Thomas Zeller, Cardiologist, Angiologist, *Bad Krozingen, Germany*

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Michael Borger, Cardiac Surgeon, *Leipzig, Germany*

Stéphan Haulon, Vascular Surgeon, *Paris, France*

Osamu Iida, Interventional Radiologist, *Amagasaki, Japan*

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Ulf Teichgräber, Interventional Radiologist, *Jena, Germany*

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Jichun Zhao, Vascular Surgeon, *Chengdu, China*

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Martin Storck, Vascular Surgeon, Karlsruhe, Germany
Piotr Szopinski, Vascular Surgeon, Warsaw, Poland
Chieh Suai Tan, Nephrologist, Singapore, Singapore
Tjun Tang, Vascular Surgeon, Singapore, Singapore
Juan Manuel Telayna, Interventional Cardiologist, Pilar, Argentina
Gunnar Tepe, Interventional Radiologist, Rosenheim, Germany
Marcus Thieme, Angiologist, Sonneberg, Germany
Narayanan Thulasidasan, Consultant Interventional Radiologist, London, United Kingdom
Giovanni Tinelli, Vascular Surgeon, Rome, Italy
Giovanni Federico Torsello, Interventional Radiologist, Berlin, Germany
Santi Trimarchi, Vascular Surgeon, San Donato Milanese, Italy
Nikolaos Tsilimparis, Vascular and Endovascular Surgeon, Munich, Germany
Janice Tsui, Vascular Surgeon, London, United Kingdom
Zsolt Vajda, Diabetologist, Budapest, Hungary
Jos van den Berg, Interventional Radiologist, Lugano, Switzerland
Daniel van den Heuvel, Interventional Radiologist, Nieuwegein, Netherlands
Marc van Sambeek, Vascular Surgeon, Eindhoven, Netherlands
Frank Veith, Vascular Surgeon, Bronx, New York, United States
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Clifford Weiss, Interventional Radiologist, Baltimore, United States
Martin Werner, Angiologist, Vienna, Austria
Andrew Wigham, Consultant Interventional Radiologist, Oxford, United Kingdom
Moritz Wildgruber, Radiologist, Munich, Germany
Ronald Winokur, Interventional Radiologist, Philadelphia, United States
Sabine Wipper, Vascular Surgeon, Innsbruck, Austria
Christian Wissgott, Interventional Radiologist, Heide, Germany
Tim Wittig, Angiologist, Leipzig, Germany
Walter A. Wohlgemuth, Interventional Radiologist, Halle, Germany
Kak Khee Yeung, Vascular Surgeon, Amsterdam, Netherlands
Marwan Youssef, Vascular Surgeon, Mainz, Germany
August Ysa, Vascular Surgeon, Bilbao, Spain
Alexander Zimmermann, Vascular Surgeon, Zurich, Switzerland

13:00 – 14:15

New solutions for complex aortoiliac obstructions*Moderator: Dierk Scheinert**Panel: Patrice Mwipatayi, Maria Antonella Ruffino, Peter Goverde, Eric Secemsky*

13:00 – 13:15

■ *Live case transmission from Leipzig – part I*

13:15 – 13:20

Use and effectiveness of Pioneer re-entry device for subintimal true lumen re-entry:

Single-centre data and a review of the literature *Mohamad Hamady*

13:20 – 13:25

Initial interim results from the post-market registry of the GORE® VIABAHN® VBX balloon expandable endoprosthesis implanted in peripheral vessels

Mauro Gargiulo

13:25 – 13:30

Following up patients with iliac occlusive disease treated with the GORE® VIABAHN® VBX balloon expandable endoprosthesis – FLEX clinical study

Jean Bismuth

13:30 – 13:35

Outcomes of self-expanding e-PTFE covered stent when treating chronic iliac artery occlusions – a multi-centre experience *Michele Piazza*

13:35 – 13:45

■ *Live case transmission from Leipzig – part II*

13:45 – 13:50

Versatility of covered stents in complex aorto-iliac POD lesions and FEVAR/BEVAR

Markus Steinbauer

13:50 – 13:55

FIRST TIME DATA RELEASE:BELSTREAM – 12-month results of study *Koen Deloose*

13:55 – 14:00

5-year follow-up of CERAB reconstructions: Single-center experience from the Netherlands *Wilbert Fritschy*

14:00 – 14:05

Multicentre experience on CERAB technique for the treatment option of AIOD – Polish experiences *Zbigniew Krasinski*

14:05 – 14:10

Improving outcomes of vascular interventions with AI *Kak Khee Yeung*

14:10 – 14:15

Advances in intravascular imaging: Real world evidence and expert consensus *Eric Secemsky*

14:15 – 15:15

OPENING SYMPOSIUM:**Focus on the lower limb: Novel treatment options from SFA to BTK**

supported by Abbott Vascular

*Moderator: Dierk Scheinert**Panel: Luis Palena, Michael Lichtenberg, Houman Jalaie, Lieven Maene*

14:15 – 14:17

Welcome *Dierk Scheinert*

14:17 – 14:29

Late breaker: 2 years follow-up of SUPERSUB II *Luis Palena*

14:29 – 14:34

Discussion

Thrombectomy: The benefits of mechanical thrombectomy for lower limb treatment

14:34 – 14:39

Treating acute limb ischemia with mechanical thrombectomy – case presentation *Michael Lichtenberg*

14:39 – 14:46

Mechanical thrombectomy for venous thromboembolism: A pathway to consider? *Houman Jalaie*

14:46 – 14:51

Treating venous thromboembolism with mechanical thrombectomy – case presentation *Michael Lichtenberg*

14:51 – 14:58

Discussion

14:58 – 15:08

Tomorrow's BTK treatment options – drug eluting resorbable scaffolds *Lieven Maene*

15:08 – 15:13

Discussion

15:13 – 15:15

Take-home message *Dierk Scheinert*

- 15:15 – 16:30** **Novel approaches and insights for treatment of complex femoropopliteal disease – part I**
Moderators: Thomas Zeller, Peter Schneider
Panel: Gary Ansel, Koen Deloose, Robert Beasley, Erwin Blessing, Rokas Gircius, Peter Metzger
- 15:15 – 15:20** Serration angioplasty technique for better lumen gain *Christian Wissgott*
- 15:20 – 15:30** ■ **Recorded case presentation: Serranator Serration balloon as primary therapy for CLTI disease** *Michael Lichtenberg*
- 15:30 – 15:35** **FIRST TIME DATA RELEASE:**
 UltraScore – final results of a multi-center study *Robert Beasley*
- 15:35 – 15:40** **FIRST TIME DATA RELEASE:**
 Long-term evidence of directional atherectomy and DCB:
 3-year clinical experience from Australia *Vikram Puttaswamy*
- 15:40 – 15:45** Clinical outcomes with drug-coated balloon alone vs. drug-coated balloon plus provisional stenting: An analysis from the IN.PACT global study 5-year data
Gary Ansel
- 15:45 – 15:50** BIOPACT RCT: A head-to-head multicenter noninferiority trial of the safety & efficacy of Passeo-18 Lux vs. In.Pact Admiral DCBs in fempop lesions
Koen Deloose
- 15:50 – 16:05** ■ **Live case transmission from Bad Krozingen**
- 16:05 – 16:15** **FIRST TIME DATA RELEASE:**
 Cost-effectiveness of urea excipient-based drug-coated balloons for chronic limb-threatening ischemia from femoropopliteal disease *Michel Reijnen*
- 16:15 – 16:20** 5-year results from the Lutonix trial *Nicolas Shammass*
- 16:20 – 16:25** IN.PACT global study 5-year diabetic and gender subgroup outcomes
Marianne Brodmann
- 16:25 – 16:30** Recent data outcomes in complex femoropopliteal occlusive disease with the GORE® VIABAHN® Endoprosthesis *Osamu Iida*
- 16:30 – 17:15** **Status of the SFA treatment paradigm**
 supported by COOK Medical
Moderator: Koen Deloose
Panel: Alope Finn, Thomas Zeller, Osamu Iida, Marc Bosiers, E. Sebastian Debus
- Polymer-coated DES: Learn about the evidence**
- 16:30 – 16:36** Pre-clinical experience *Alope Finn*
- 16:36 – 16:42** Clinical experience *Thomas Zeller*
- 16:42 – 16:48** Clinical experience *Osamu Iida*
- 16:48 – 16:55** Q&A, discussion
- Additional benefits of endovascular treatment over bypass – ready to move on?**
- 16:55 – 17:01** Zilverpass – 36-month update and health economic snapshot *Marc Bosiers*
- 17:01 – 17:07** Should the endovascular approach be the new frontier? *E. Sebastian Debus*
- 17:07 – 17:15** Q&A, discussion, and conclusion

17:15 – 19:00	Novel approaches and insights for treatment of complex femoropopliteal disease – part II <i>Moderators: Koen Deloose, Yann Gouëffic</i> <i>Panel: Marianne Brodmann, Antonio Micari, John Laird, Gireesh Mukund Warawdekar</i>
17:15 – 17:20	Optimizing PTA following atherectomy in complex lower limb lesions: 12-month results of the DISSECT study <i>Michael Lichtenberg</i>
17:20 – 17:25	FIRST TIME DATA RELEASE: Treating common femoral artery steno-occlusive lesions with an endovascular approach using DA+DCB: 3-year follow-up in 75 patients <i>Angelo Cioppa</i>
17:25 – 17:45	■ <i>Live case transmission from Leipzig</i>
17:45 – 17:50	Safety, effectiveness, and mid-term follow-up in 400 consecutive patients with moderate to severely calcified lesions undergoing phoenix atherectomy <i>Sorin Giusca</i>
17:50 – 17:55	Directional atherectomy (DA) followed by DCB to treat long, calcified femoropopliteal artery lesions: The REALITY study <i>Thomas Zeller</i>
17:55 – 18:00	EMINENT RCT (Eluvia vs. BMS): 12-month primary endpoint data and subset analysis <i>Yann Gouëffic</i>
18:00 – 18:05	MIMICS-3D 3-year results: Compelling clinical outcomes with BioMimics 3D in complex patients and lesions <i>Michael Lichtenberg</i>
18:05 – 18:10	TINTIN trial 3-year follow-up <i>Koen Deloose</i>
18:10 – 18:40	■ <i>Live case transmission from Münster</i>
18:40 – 18:45	FIRST TIME DATA RELEASE: Predictors of drug-coated balloon efficacy in femoropopliteal intervention: Insights from a patient-level pooled analysis <i>Prakash Krishnan</i>
18:45 – 18:50	5-year results from the IN.PACT global study pre-specified cohorts: In-stent restenosis, chronic total occlusions, and long lesions <i>Antonio Micari</i>
18:50 – 18:55	Safety and efficacy of Paseo-18 Lux in long lesions: Pooled results from the BIOLUX P-III and BIOLUX P-III Spain studies <i>Marianne Brodmann</i>
18:55 – 19:00	Stellarex complex lesion subset analysis from the SAVER real world registry <i>Konstantinos Stavroulakis</i>

- 13:00 – 14:00** **Carotid revascularisation – what is new in 2022?**
Moderators: Marc van Sambeek, Horst Sievert
Panel: Alison Halliday, Piero Montorsi, Frans Moll, Murat Muzaffer Guclu
- 13:00 – 13:05** Quality assessment of carotid reconstruction – anything new from the German registry? *Martin Storck*
- 13:05 – 13:10** ACST II-trial: Update on latest data and clinical implications *Alison Halliday*
- 13:10 – 13:20** Proximal protection in CAS: The right way to go? *Piero Montorsi*
- 13:20 – 13:25** Improving your safety profile through proximal protection: Experiences from a high volume carotid artery stenting center *Horst Sievert*
- 13:25 – 13:50** ■ *Live case transmission from Milan*
- 13:50 – 13:55** TCAR: Patient selection, technique, and role in contemporary practice *Peter Schneider*
- 13:55 – 14:00** CAS in patients with bovine and Type III arch – a single-center experience *Arne Schwindt*



14:00 – 15:15

Carotid stenosis treatment: Is the puzzle complete?

supported by Terumo

*Moderator: Sasko Kedev**Panel: Richard Bulbulia, Zsolt Vajda, Koen Deloose*

14:00 – 14:03

Introduction *Sasko Kedev*

14:03 – 14:13

Asymptomatic carotid stenosis treatment: Lessons from > 6000 randomized patients in AST 1 and 2 *Richard Bulbulia*

14:13 – 14:33

■ *Live case transmission from Münster*

14:33 – 14:43

ROADSAVER study outcomes: Real-world evidence from a large carotid stenting cohort treated with a dual-layer micromesh stent *Zsolt Vajda*

14:43 – 14:58

■ *Live in a box from Milan*

14:58 – 15:08

Pieces of puzzle coming together, building a new carotid treatment algorithm *Koen Deloose*

15:08 – 15:15

Q&A, discussion, and conclusion

15:15 – 15:50

Innovative options for patients with end-stage renal disease:**Percutaneous creation of AV-access***Moderators: Dimitrios Karnabatidis, Ounali Jaffer**Panel: Jeffrey Hull, Robert Shahverdyan, Jackie Ho*

15:15 – 15:20

Multi-center experience with WavelinQ™ 4F in 120 patients *Todd Berland*

15:20 – 15:25

Patient perspective of EndoAVF – insights from a multi-center analysis *Aurangzaib Khawaja*

15:25 – 15:30

Single-center experience with WavelinQ™ 4F *Dimitrios Karnabatidis*

15:30 – 15:35

Implications of anatomic variations for EndoAVF *Ounali Jaffer*

15:35 – 15:40

AVF creation using Ellipsys: Long-term evidence to date *Jeffrey Hull*

15:40 – 15:45

AVF creation: Comparing surgical and percutaneous outcomes

Alexandros Mallios

15:45 – 15:50

FIRST TIME DATA RELEASE:

Arteriovenous access creation: Updates from the Hamburg experience

Robert Shahverdyan

15:50 – 17:05

Are we stenting too little, too late? An introduction to the WRAPSODY™ cell-impermeable endoprosthesis and 12-month data

supported by Merit Medical

*Moderator: Fabrizio Fanelli**Panel: Dheeraj Rajan, Katarzyna Kolasa, Tobias Steinke, Ounali Jaffer*

15:50 – 15:53

Introduction by the moderator

15:53 – 16:04

The evolution of covered stents *Tobias Steinke*

16:04 – 16:16

■ *Live case transmission from Varese*

16:16 – 16:27

Clinical trials: WRAPSODY™ FIRST, IDE, and registry *Dheeraj Rajan*

16:27 – 16:39

■ *Recorded case presentation Matteo Tozzi*

16:39 – 16:50

The algorithm for covered stent treatment *Ounali Jaffer*

16:50 – 17:00

Health economics in covered stent management: An overview *Katarzyna Kolasa*

17:00 – 17:05

Final Q&A and wrap up

- 17:05 – 19:00** **Advances in endovascular therapy of deep venous obstructions**
Moderator: Stephen Black
- Part I: Advanced imaging modalities and first European experience with Opticross IVUS in complex venous disease**
 partially supported by Boston Scientific
Panel: Rutger Brans, Gerard O'Sullivan, Mahmood Razavi, Rick de Graaf, Tobias Hirsch
- 17:05 – 17:10** Pelvic vein anatomy and the use of ultrasound to classify the disease according to the 2021 SVP classification *Tobias Hirsch*
- 17:10 – 17:15** The significance of accurate MR-venography before the treatment of iliofemoral thrombosis *Rick de Graaf*
- 17:15 – 18:00** ■ *Live case transmission from Modena*
- Part II: Latest scientific data and new horizons**
Moderator: Rick de Graaf
Panel: Rutger Brans, Gerard O'Sullivan, Kenneth Rosenfield
- 18:00 – 18:05** **FIRST TIME DATA RELEASE:**
 ABRE 24-month study outcomes *Erin Murphy*
- 18:05 – 18:10** VIVO 3-year data *Paul Gagne*
- 18:10 – 18:15** VERNACULAR (Venovo) 3-year data *Michael Dake*
- 18:15 – 18:20** Venovo venous registry: 36-month data report from a real world registry
Michael Lichtenberg
- 18:20 – 18:25** Preliminary data of multi-center RCT comparing venous stenting with conservative treatment in patients with deep venous obstructions *Houman Jalaie*
- 18:25 – 18:30** Anti-inflammation treatment for DVT *David Dexter*
- 18:30 – 18:40** ■ *Recorded case presentation* *Gerard O'Sullivan*
- 18:40 – 18:45** Cost of venous leg ulcers related to deep venous disease and its implications
Raghu Kolluri
- 18:45 – 18:50** Deep venous obstruction and superficial reflux *Ronald Winokur*
- 18:50 – 18:55** Endovascular solutions in complex massive pulmonary embolism:
 When and how *Bruno Freitas*
- 18:55 – 19:00** Best practice for treatment of PE in 2022 – the role of endovascular therapy
Kenneth Rosenfield

16:00 – 17:15	Latest results from clinical trials and innovations: Carotid/Venous/AV <i>Moderators: Manuela Konert, Daniela Branzan</i>
16:00 – 16:05	30-day safety outcomes of patients treated with the Roadsaver dual-layer micromesh carotid artery stent via radial or femoral access route: Evidence from a large multicentre European study (ROADSAVER) <i>Sasko Kedev</i>
16:05 – 16:10	Intravascular lithotripsy (IVL) as new tool in calcified carotid arteries stenosis. Single-center experience – LITO–ARCH registry <i>Marcin Misztal</i>
16:10 – 16:15	30-day safety outcomes of patients <75 and ≥75 years of age treated with the Roadsaver dual-layer micromesh carotid artery stent: Evidence from a large multicentre European study (ROADSAVER) <i>Ralf Langhoff</i>
16:15 – 16:20	Randomized controlled trial of a first-generation carotid stent vs. the micronet-covered stent: 12-month outcomes <i>Savr Bugurov</i>
16:20 – 16:25	Mechanical thrombectomy for deep vein thrombosis in real-world patients: 6-month outcomes from the CLOUT registry <i>David Dexter</i>
16:25 – 16:30	Prospective post-market clinical follow-up study of the endovascular thrombectomy system Aspirex®S in the treatment of acute venous occlusions <i>Michael Lichtenberg</i>
16:30 – 16:35	Patient selection in NIVL and tips to prevent migration <i>Kush Desai</i>
16:35 – 16:40	Abdominal Vascular Compression Syndromes (AVCS): Comprehensive evaluation of Median Arcuate Ligament, Nutcracker, May-Thurner, Superior Mesenteric Artery, and Pelvic Venous Congestion Syndromes and intervention algorithm based on interconnectivity of these syndromes <i>Kurtis Kim</i>
16:40 – 16:45	Conversion of arterio-venous access of hemodialysis to arterio-arterial access for treatment of venous hypertension with central venous occlusion <i>Tamer Khafagy</i>
16:45 – 16:50	Microwave ablation of varicose veins – early Egyptian experience <i>Sohiel Nagib</i>
16:50 – 16:55	Will great saphenous vein crossectomy laser ablation be safer and more effective compared to the standard 2 cm distance from the valve laser ablation in management of primary varicose veins in Egypt? <i>Sohiel Nagib</i>
16:55 – 17:00	SiroliMus coated angioPlasty vs. plain balloon angioplasty in the tREatment of dialySis acceSs dysfunction (IMPRESSION) <i>Chee Wooi Tan</i>
17:00 – 17:05	Long term results of Supera in the AVF junta-anastomosis <i>Shannon Thomas</i>
17:05 – 17:10	Arteriovenous fistula formation with adjuvant endovascular maturation <i>Shannon Thomas</i>
17:10 – 17:15	Discussion and conclusion



08:00 – 09:15

CONNECT THE WORLD JAPAN: Pioneering approaches for CTO treatment in peripheral arteries

partially supported by Boston Scientific

*Moderators: Dierk Scheinert, Hiroyoshi Yokoi**Panel: Osamu Iida, Daizo Kawasaki, Koen Deloose, Ralf Langhoff*

■ with Tatsuya Nakama live from Tokyo

■ with Andrej Schmidt live from Leipzig

FLASH PRESENTATIONS:

The results from CAPSICUM multi-center registry of Eluvia DES in Japan

Osamu Iida

IVUS for peripheral interventions: Basic knowledge and tips and tricks

Daizo Kawasaki

09:15 – 10:30

First time right! Optimizing acute to long-term outcomes in lower limb revascularisation

supported by Philips

*Moderators: Mark Portou, Michael Lichtenberg**Panel: Konstantinos Stavroulakis, Ashish Patel, Marco Manzi*

09:15 – 09:22

Accurate assessment – see better to treat better *Konstantinos Stavroulakis*

09:22 – 09:29

Optimized vessel preparation – plaque disruption, ablation, and removal

Ashish Patel

09:29 – 09:36

Definitive therapy – the importance of focal dissection repair *Marco Manzi*

09:36 – 09:56

■ Live case transmission from Münster

09:56 – 10:30

Discussion and conclusion

10:30 – 11:15

Real-world catheter-based reperfusion strategies for the treatment of acute DVT and PE

supported by Boston Scientific

Moderator: Andrew Sharp Panel: Stefano Barco, Nils Kucher

10:30 – 10:32

Welcome and introduction *Andrew Sharp*

10:32 – 10:44

How I treat a patient presenting with iliofemoral DVT – rethro data on

EKOS Angiojet *Stefano Barco*

10:44 – 10:56

How I treat a patient presenting with pulmonary embolism – Zurich pathway

Nils Kucher

10:56 – 11:08

Present and future EKOS clinical data – KNOCCOUT PE data and HiPeitho trial

Andrew Sharp

11:08 – 11:15

Q&A, discussion, and conclusion

11:15 – 12:30

Endoluminal bypass for the treatment of complex lower limb disease

supported by W. L. Gore & Associates

Moderator: Michel Reijnen Panel: Michele Piazza, Christian Habermann

11:15 – 11:20

Introduction from the moderator

11:20 – 11:35

Iliac: Your TASC II C&D patients – the value of covered stents in treating AIOD

Michele Piazza

11:35 – 11:45

■ Live case transmission from Leipzig

11:45 – 12:15

SFA: Strengthening clinical performance in your most challenging patients

a. The treatment options and the data *Michel Reijnen*b. Case presentation *Christian Habermann*

12:15 – 12:25

■ Live case revisited

12:25 – 12:30

Q&A, discussion, and conclusion



12:30 – 13:15

LUNCH SYMPOSIUM: BTK controversies – how would you treat?

supported by Abbott Vascular

*Moderator: Koen Deloose**Panel: Lieven Maene, Tobias Koppa*

12:30 – 12:33

Opening/session objectives *Koen Deloose*

12:33 – 12:43

Below-the-knee: Access and vessel preparation – how would you do it?

Lieven Maene

12:43 – 12:48

Discussion

12:48 – 12:58

Below-the-knee: How intravascular imaging could make a difference

Tobias Koppa

12:58 – 13:03

Discussion

13:03 – 13:13

Below-the-knee: Optimal treatment now and in the future? *Koen Deloose*

13:13 – 13:15

Discussion and conclusion

13:30 – 14:45

SYMPOSIUM: Directional atherectomy plus drug-coated balloons to treat long, calcified femoropopliteal artery lesions: Current data and a live case

supported by Medtronic

*Moderator: Dierk Scheinert**Panel: Thomas Zeller, Antonio Micari*

13:30 – 13:40

IN.PACT Admiral DCB for the treatment of long/complex lesions *Antonio Micari*

13:40 – 13:50

The REALITY study 12-month results *Thomas Zeller*

13:50 – 14:40

■ *Live case transmission from Leipzig*

14:40 – 14:45

Q&A, discussion, and conclusion

14:45 – 15:30

Low-profile access and new access routes for peripheral arterial procedures*Moderator: Jos van den Berg**Panel: Yann Gouëffic, Eugenio Stabile, Marcus Thieme, Lieven Maene, Luis Palena*

14:45 – 14:50

The cost savings and avoided complications of low-profile 4F interventions

Yann Gouëffic

14:50 – 15:25

■ *Live case transmission from Münster*

15:25 – 15:30

Are we ready for a new approach to iliac lesions? Benefits and limitations to radial access for iliac stenting *Eugenio Stabile*

15:30 – 16:00

FOCUS SESSION: The emerging value of out-of-hospital sites of care

supported by Philips

*Moderator: Dierk Scheinert**Panel: Foluso Fakorede, Janice Tsui, Ounali Jaffer*

15:30 – 15:40

Lessons learned in providing out of hospital care in a remote, underserved region of Mississippi *Foluso Fakorede*

15:40 – 16:00

Panel discussion

- 16:00 – 16:45** **Save a limb to save a life – new horizons with Sirolimus eluting balloons in treating CLI patients – global experience**
A case based discussion, supported by Medalliance
Moderator: Michael Lichtenberg
Panel: Bella Huasen, Tjun Tang, Luis Palena, Ehrin Armstrong
- 16:00 – 16:10** SELUTION SLR Sirolimus eluting balloon technology: Why does it matter to our patients? *Bella Huasen*
- 16:10 – 16:20** Case 1: A CLI/BTK patient from Singapore – Asian experience *Tjun Tang*
- 16:20 – 16:30** Case 2: A CLI/BTK patient from Italy – European experience *Luis Palena*
- 16:30 – 16:40** Next stop USA – latest update on the SELUTION4BTK IDE clinical trial
Ehrin Armstrong
- 16:40 – 16:45** Discussion and conclusion
- 16:45 – 18:00** **The challenge of calcification in BTK interventions**
Moderators: Luis Palena, Thomas Zeller
Panel: Sean Lyden, Miguel Montero-Baker, Ehrin Armstrong, Ralf Langhoff, Roberto Ferraresi
- 16:45 – 16:50** Calcium definitions in endovascular clinical trials: Is the struggle real?
Ralf Langhoff
- 16:50 – 16:55** Small artery disease and medial artery calcification: The silent killer of the leg
Roberto Ferraresi
- 16:55 – 17:00** Ultrasound based Calcium score for the identification of no option CLTI
Miguel Montero-Baker
- 17:00 – 17:20** ■ *Live case transmission from Leipzig*
- 17:20 – 17:25** **FIRST TIME DATA RELEASE:**
Prestige pilot study: IVUS guided Phoenix atherectomy and Stellarex DCB angioplasty in BTK interventions. 12-month final data presentation
Michael Lichtenberg
- 17:25 – 17:30** LIBERTY real world evidence on CLI and diabetic patients *George Adams*
- 17:30 – 17:35** OCT guided atherectomy for BTK-disease, clinical outcome in a prospective analysed patient cohort *Arne Schwindt*
- 17:35 – 17:40** Initial 50 patient experience with the Phoenix 1.5 mm atherectomy system
Arun Kumarasamy
- 17:40 – 17:45** Orbital atherectomy in the foot arteries: Clinical results *Luis Palena*
- 17:45 – 17:50** What is the role of intravascular lithotripsy for infrapopliteal vessels?
Ehrin Armstrong
- 17:50 – 18:00** Discussion and conclusion

08:00 – 09:15

Interventional oncology: Hepatic interventions I*Moderators: Ulf Teichgräber, Thomas J. Vogl**Panel: Bernhard Gebauer, Maciej Pech, Michael Moche*

08:00 – 08:07

Portal vein embolisation *René Aschenbach*

08:07 – 08:14

Double venous embolization liver – interims results DRAGON 1 trial
Bernhard Gebauer

08:14 – 08:21

Combined TACE and irreversible electroporation *Michael Moche*

08:21 – 08:28

Various products of radioembolization and its indications *Maciej Pech*

08:28 – 08:48

■ *Live case transmission from Jena*

08:48 – 09:55

Diagnostic lymphography: Indications and techniques *Moritz Wildgruber*

08:55 – 09:02

Interventional lymphography: Techniques and results *Claus C. Pieper*

09:02 – 09:15

Discussion and conclusion

09:15 – 10:00

FOCUS SESSION: How should you approach patients with a vasculogenic erectile dysfunction?

supported by Concept Medical

*Moderator: Roxana Mehran**Panel: Giuseppe Massimo Sangiorgi, Theodosios Bisdas, Federico Deho*

09:15 – 09:20

Vasculogenic erectile dysfunction: We don't ask, they don't talk
Roxana Mehran

09:20 – 09:28

What European guidelines recommends for ED treatment
Federico Deho

09:28 – 09:42

Mechanical revascularisation for patients with vasculogenic erectile dysfunction *Giuseppe Massimo Sangiorgi*

09:42 – 09:47

Adjunctive therapies for erectile dysfunction *Giuseppe Massimo Sangiorgi*

09:47 – 10:00

Discussion & conclusion

10:00 – 11:45

Endovascular procedures for the deep veins*Moderators: Houman Jalaie, Thomas Zeller**Panel: Marzia Lugli, Narayan Karunanithy*

10:00 – 10:27

■ *Live case transmission from Zurich*

10:27 – 10:34

Armamentarium of imaging techniques for guiding interventions in the deep veins *Rick de Graaf*

10:34 – 10:41

A randomized controlled trial comparing venous stenting with conservative treatment in patients with deep venous obstruction (STEVECO)
Houman Jalaie

10:41 – 10:48

Update on dedicated stents for the deep veins *Stephen Black*

10:48 – 10:55

Update on thrombectomy systems for the deep veins *Michael Lichtenberg*

10:55 – 11:02

The TOPOS study: 2-year clinical outcomes of a hybrid oblique Nitinol stent for patients with postthrombotic syndrome and common iliac vein compression
Tim Sebastian

11:02 – 11:09

Why do venous stents occlude? Factors that influence outcomes after deep venous stenting *Erin Murphy*

11:09 – 11:16

Venous stent complications: Fracture, migration, contralateral thrombosis, etc.
Oliver Hartung

11:16 – 11:36

■ *Live case transmission from Zurich*

11:36 – 11:45

Discussion and conclusion

- 11:45 – 12:30** **Think venous: The way forward through a multidisciplinary approach with proven technologies**
supported by BD
Moderator: Stephen Black
Panel: Romaric Loffroy, Michał-Goran Stanisic, Efthymios Avgerinos, Houman Jalaie, Oliver Schlager
- 11:45 – 11:50** Keeping the patient at the centre of this journey – a multidisciplinary approach
Romaric Loffroy
- 11:50 – 11:58** ■ *Recorded case presentation: How to avoid thrombolysis in iliofemoral DVT and the advantage of pure mechanical thrombectomy* Michał-Goran Stanisic
- 11:58 – 12:06** Identifying the right patient for venous stenting: Who, when, and how?
Efthymios Avgerinos
- 12:06 – 12:14** ■ *Recorded case presentation: Attaining the maximal inflow in patients with extensive chronic venous obstruction* Houman Jalaie
- 12:14 – 12:20** Antithrombotic treatment after venous stenting and an update of the ARIVA trial *Oliver Schlager*
- 12:20 – 12:30** Panel discussion
- 12:30 – 13:15** **LUNCH SYMPOSIUM: Lifting the boundaries of VTE treatment with INARI lytic-free therapy solutions**
supported by Inari Medical
Moderator: Michael Lichtenberg
Panel: Andrew Wigham, Rick de Graaf, David Dexter
- 12:30 – 12:35** Introduction *Michael Lichtenberg*
- 12:35 – 12:45** Expanding treatment options for sub-acute DVT with the Inari system
Andrew Wigham
- 12:45 – 12:55** A new era in thrombus removal: ClotTriever as the first-choice device for DVT treatment *Rick de Graaf*
- 12:55 – 13:05** CLOUT registry: Putting sight on a treatment option for acute, sub-acute, and chronic DVT *David Dexter*
- 13:05 – 13:15** Discussion and conclusion
- 13:30 – 15:00** **Acute venous thromboembolism**
Moderator: Houman Jalaie
Panel: Robert Lookstein, Kenneth Rosenfield, Bruno Freitas, Oliver Schlager
- 13:30 – 13:50** ■ *Live case transmission from Zurich*
- 13:50 – 14:00** Anticoagulation therapy and catheter-directed thrombolysis in patients with COVID-19 associated venous thromboembolism *Stefano Barco*
- 14:00 – 14:10** Advanced treatment for intermediate- and high-risk PE – options, indications, and caveats *Stavros Konstantinides*
- 14:10 – 14:20** Clinical trial programs for intermediate and high risk PE patients *Erik Klok*
- 14:20 – 14:30** FlowTriever thrombectomy for intermediate risk PE patients – initial experience *Felix Mahfoud*
- 14:30 – 14:40** FlowTriever thrombectomy for high risk PE patients – initial experience
Nils Kucher live from Zurich
- 14:40 – 15:00** ■ *Live case transmission from Zurich*



- 15:00 – 15:30** **Latest innovation from Penumbra: Computer-aided thrombus removal with Lightning® Intelligent Aspiration**
supported by Penumbra
Moderator: Martin Austermann
Panel: Maria Antonella Ruffino, Nikolaos Tsilimparis
- 15:00 – 15:10** Early experience in the management of acute limb ischemia with Lightning®
Maria Antonella Ruffino
- 15:10 – 15:20** How Lightning® has changed my clinical practice in acute limb ischemia
Nikolaos Tsilimparis
- 15:20 – 15:30** Discussion and conclusion
- 15:30 – 16:15** **Interventional options for AV-access related problems**
Moderators: Tobias Steinke, Panagiotis Kitrou
Panel: Jackie Ho, Robert Lookstein, Matteo Tozzi, Daniela Branzan, Narayan Karunanithy
- 15:30 – 15:35** Paclitaxel DCBs for dysfunctional AVF: The mechanism of action *Jeffrey Hull*
- 15:35 – 15:40** The IN.PACT AV access study: Results through 36 months *Andrew Holden*
- 15:40 – 15:45** The IN.PACT AV access study: Economic outcomes *Robert Lookstein*
- 15:45 – 15:50** Treating cephalic arch stenosis: Why, when, and how? *Gaspar Mestres*
- 15:50 – 15:55** Stent-grafts for AV access revisions: New developments in innovation and evidence *Matteo Tozzi*
- 15:55 – 16:00** Treating AVF lesions in the cephalic arch: What does the data tell us?
Tobias Steinke
- 16:00 – 16:05** Endovascular treatment for dialysis access related Steal syndrome *Jackie Ho*
- 16:05 – 16:10** Beyond PTA: How I incorporate devices like DCBs and stents for AV access maintenance *Robert Lookstein*
- 16:10 – 16:15** Discussion and conclusion
- 16:15 – 17:00** **SYMPOSIUM: Fistula creation and maintenance for ESKD patients: Applying long-term data to the care continuum**
supported by Medtronic
Moderator: Alexandros Mallios *Panel: Ounali Jaffer, Fabrizio Fanelli*
- 16:15 – 16:18** Welcome
- 16:18 – 16:28** Implications of long-term data for fistula maintenance *Fabrizio Fanelli*
- 16:28 – 16:38** Algorithm for fistula creation: The Paris experience *Alexandros Mallios*
- 16:38 – 16:48** Experiences as a new EndoAVF user *Ounali Jaffer*
- 16:48 – 16:58** Panel discussion
- 16:58 – 17:00** Closing
- 17:00 – 18:00** **Interventional oncology: Hepatic interventions II**
Moderator: Ulf Teichgräber *Panel: Frank Wacker, Daniel Nijßler*
- 17:00 – 17:10** Hepatic wedge pressure measurement – indications, materials, and technique
Daniel Nijßler
- 17:10 – 17:20** TIPSS – register study DeGIR *Frank Wacker*
- 17:20 – 17:40** ■ Live case transmission from Jena
- 17:40 – 17:50** PVR-TIPSS-translial portal vein recanalisation – indications, technique, results
René Aschenbach
- 17:50 – 18:00** ■ Recorded case presentation: PVR-TIPSS-translial portal vein recanalisation – indications, technique, results *Maciej Pech*

08:30 – 09:45	Latest results from clinical trials and innovations <i>Moderators: Thomas Zeller, Angelo Cioppa</i>
08:30 – 08:35	BIO REACT pilot study: 12-month outcomes <i>Michael Lichtenberg</i>
08:35 – 08:40	Treatment of ISR lesions with the Pantheris atherectomy catheter <i>Michael Lichtenberg</i>
08:40 – 08:45	Stent monitoring with the vessel sense flow measurement <i>Michael Lichtenberg</i>
08:45 – 08:50	Hemodynamic assessment of peripheral artery stenosis by FFR and RFR <i>Christian Erbel</i>
08:50 – 08:55	Major adverse limb events in patients with femoro-popliteal and below-the-knee peripheral arterial disease treated with either sirolimus-coated balloon or standard uncoated balloon angioplasty. The SirPAD randomized trial <i>Stefano Barco</i>
08:55 – 09:00	Comparing results of the EX-PAD-03 IDE study and the PATHFINDER post-market registry evaluating the safety and efficacy of the Auryon laser atherectomy system <i>Marianne Brodmann</i>
09:00 – 09:05	Clinical usage of the GPX embolic device in peripheral applications <i>Andrew Holden</i>
09:05 – 09:10	Treatment of the femoro-popliteal district with the innovative Exist NiTi stent (QMEDICS) type FLEX and PULL: The HORIZON clinical trial <i>Enrico Marone</i>
09:10 – 09:15	Smart and sensing endovascular robot SENTANTE <i>Tomas Baltrunas</i>
09:15 – 09:20	CaveoVasc® protection system to reduce bleeding complications during catheter directed thrombolysis – results from the first in men study <i>Thomas Zeller</i>
09:20 – 09:25	Efficacy of fusion imaging in endovascular revascularisation of the femoral-popliteal artery <i>Makoto Haga</i>
09:25 – 09:30	PRIZER: Multicentre study with Renzan™ stent for endovascular interventions in femoropopliteal area (NCT04546477) <i>Koen Deloose</i>
09:30 – 09:45	Discussion and conclusion

- 09:45 – 11:15** **Latest clinical data and original research papers: PVD/Iliac/Carotid**
Moderators: Ralf Langhoff, Martin Werner
- 09:45 – 09:50** The impact of statin treatment intensity after endovascular revascularisation for lower extremity peripheral artery disease *Gwang Sil Kim*
- 09:50 – 09:55** Gender-driven underutilized guideline-recommended outpatient management of intermittent claudication and chronic limb threatening ischemia – A population-based study in Germany between 2009–2018 *Christos Rammos*
- 09:55 – 10:00** Clinical outcomes of endovascular procedure using VIABAHN® VBX covered stent in complex aortoiliac artery disease: Results from AVOCADO study *Masahiko Fujihara*
- 10:00 – 10:05** Pediatric vascular injuries management: Single-center experience *Ehab Saad*
- 10:05 – 10:10** Combined duplex guided angioplasty with contrast-free fluoroscopy for treatment of femoro-popliteal arterial lesions in patients with renal insufficiency. A multicenter experience *Amr Aborahma*
- 10:10 – 10:15** Role of ankle peak systolic velocity as a hemodynamic predictor following infra inguinal arterial angioplasty *Nihal Mostafa*
- 10:15 – 10:20** Hybrid treatment of iliac segment occlusion in combination with lesions of the common femoral artery *Almaz Vanyurkin*
- 10:20 – 10:25** Long-term outcomes of supra-inguinal arterial bypass *Tiwa Chaisongrit*
- 10:25 – 10:30** Surgical resection of paragangliomas is the only curative treatment: A series of 53 cases of single-center experience in Arab Peninsula *Samer Koussayer*
- 10:30 – 10:35** Impact of shaggy aorta on intraoperative cerebral embolism during carotid artery stenting *Olesia Osipova*
- 10:35 – 10:40** Cost-effectiveness of ultrasound renal denervation in patients with resistant hypertension *Rod Taylor*
- 10:40 – 10:45** Cone beam computed tomography image fusion in renal tumor ablation: Preliminary data *Carolina Lanza*
- 10:45 – 10:50** Imaging-guided percutaneous direct needle puncture of visceral pseudoaneurysms: Feasibility and outcomes *Serena Carriero*
- 10:50 – 10:55** Endovascular treatment for visceral arteries occlusive disease *Natacha Mawait*
- 10:55 – 11:15** Discussion and conclusion

11:15 – 12:30	Latest clinical data and original research papers: Femoropopliteal – part I <i>Moderators: Yann Gouëffic, Hans Krankenberg</i>
11:15 – 11:20	Femoro-popliteal bypass vs. interwoven biomimetic nitinol stents in the prolonged occlusions of the femoro-popliteal segment: A propensity matched analysis <i>Alexander Gostev</i>
11:20 – 11:25	Results of hybrid revascularisation fasciotomy plus drug eluting stent of prolonged lesions of the femoral-popliteal segment <i>Alexey Cheban</i>
11:25 – 11:30	Endovascular recanalization with stenting vs. remote endarterectomy for the superficial femoral artery total occlusive lesions: A prospective randomized trial <i>Saaya Shoraan</i>
11:30 – 11:35	Comparison of clinical outcome between low-dose and high-dose Paclitaxel drug-coated balloon in endovascular therapy for femoropopliteal lesion <i>Shinsuke Mori</i>
11:35 – 11:40	Korean multicenter prospective registry of In.PACT drug-coated balloon for popliteal artery disease (K-POP study): Preliminary results <i>Young-Guk Ko</i>
11:40 – 11:45	2-year results of the RANGER II SFA randomized trial <i>Marianne Brodmann</i>
11:45 – 11:50	Intravascular lithotripsy for the treatment of calcified peripheral artery disease in patients on hemodialysis <i>Ehrin Armstrong</i>
11:50 – 11:55	MIMICS-3D: 3-year clinical outcomes for the BioMimics 3D stent in a real-world population <i>Michael Lichtenberg</i>
11:55 – 12:00	Mechanical atherothrombectomy reduces plaque burden and improves endothelial function in peripheral artery disease <i>Christos Rammos</i>
12:00 – 12:05	NiTIDES™: Sirolimus self-exp DES technology and clinical study update <i>Dierk Scheinert</i>
12:05 – 12:10	Cost of reintervention following femoropopliteal artery revascularisation with drug-eluting compared with bare metal stents among united states medicare beneficiaries <i>Stefan Müller-Hülsbeck</i>
12:10 – 12:15	Validating the clinical utility of intravascular ultrasound guidance during lower-extremity peripheral vascular interventions using claims data in Japan from 2009–2020 <i>Yoshimitsu Soga</i>
12:15 – 12:20	Latest insights from the COMPARE study on low-dose versus high-dose PCB: 3 year results and TLR characteristics <i>Sabine Steiner</i>
12:20 – 12:30	Discussion and conclusion



12:30 – 13:15

LUNCH SYMPOSIUM: The CLI battle:**New frontiers – guidelines and toolbox for your daily practice**

sponsored by Cordis

*Moderator: Marco Manzi**Panel: Erwin Blessing, Maria Antonella Ruffino*

12:30 – 12:32

Introduction

12:32 – 12:44

Current state of CLI in Europe – guidelines on diagnosing, treating, and patient selection *Marco Manzi*

12:44 – 12:56

Tibio-pedal artery access – when and how to use it? *Erwin Blessing*

12:56 – 13:08

CLI strategies and case management *Maria Antonella Ruffino*

13:08 – 13:15

Q&A and take home message

13:30 – 14:45

Latest clinical data and original research papers: Femoropopliteal – part II*Moderators: Erwin Blessing, Eugenio Stabile*

13:30 – 13:35

Application of the GoBack™ crossing catheter in endovascular revascularisation of chronic total occlusion in patients with chronic limb threatening ischemia *Amit Talmon*

13:35 – 13:40

Circumferential micro-incision prior to PTA reduces extent & severity of dissections vs. PTA alone: A single-center prospective data analysis *Nicolas Shammass*

13:40 – 13:45

Auryon™ laser in peripheral arterial interventions: A single-center experience (Auryon-SCE) *Nicolas Shammass*

13:45 – 13:50

Mid-term outcomes of directional atherectomy in femoropopliteal artery disease *Naomi Anning*

13:50 – 13:55

Usage of contemporary drug-eluting stent by japanese interventional radiologists for femoropopliteal in-stent restenosis lesions: COMBAT-ISR study *Katsutoshi Takayama*

13:55 – 14:00

Comparative characteristics of the results of repeated endovascular surgery in patients with occlusion of autovenous femo-general bypass *Anastasia Artemova*

14:00 – 14:05

Intravascular lithotripsy in calcified peripheral lesions:

The real-world single-center JEN-experience *Daniel Kretzschmar*

14:05 – 14:10

Korean multicenter prospective registry of IN.PACT drug-coated balloon for popliteal artery disease (K-POP study): Preliminary results *Young-Guk Ko*

14:10 – 14:15

Primary patency rate of native vessel revascularisation after failed femoropopliteal bypass surgery *Mohamed Rizk*

14:15 – 14:20

Jetstream atherectomy followed by Paclitaxel-coated balloons vs. balloon angioplasty followed by Paclitaxel-coated balloons: 12-month results of the prospective randomized JET-RANGER study *Nicolas Shammass*

14:20 – 14:25

Revascularisation in acute ischemia in patients with SARS-CoV-2 *Dmitry Zyuzin*

14:25 – 14:30

Paclitaxel blood concentration after peripheral DCB PTA evaluated by HPLC (High Pressure Liquid Chromatography) *Matteo Tozzi*

14:30 – 14:35

New safety and effectiveness data of Luminor DCB at 5-year: EFFPAC TRIAL *Ulf Teichgräber*

14:35 – 14:45

Discussion and conclusion

14:45 – 16:00	Challenging cases and complications: PVD/Iliac/SFA/Visceral/Renal <i>Moderators: Hans Krankenberg, Martin Werner</i>
14:45 – 14:50	Antegrade and retrograde thrombectomy of an axillary-popliteal bypass using the Rotarex atherectomy catheter in a patient with acute limb ischemia <i>George Kouvelos</i>
14:50 – 14:55	Intravascular (IVUS)-guided endovascular thrombectomy of aortic thrombosis in COVID-19 patient <i>Bianca Marinelli Teixeira</i>
14:55 – 15:00	The “needle bypass” technique: Percutaneous anatomical bypass with needle rendezvous for patients with peripheral arterial disease that have no other surgical options <i>Takuya Haraguchi</i>
15:00 – 15:05	An innovative technique for aorto-iliac revascularisation: MISC-AB – Mini-Invasive Sutureless and Clampless Aortic Bypass <i>Pierre Sarradon</i>
15:05 – 15:10	Preservation of precious cross-over bypass graft despite acute COVID-19, GI bleeding and occlusion of all previous revascularisations: A description and audience query <i>Ayman Zyada</i>
15:10 – 15:15	A case of an aneurysm spurium of a side branch of the popliteal artery following a proximal fracture of the lower leg and treatment with an external fixator <i>Viktoria Muster</i>
15:15 – 15:20	A huge pseudoaneurysm in a 10 years child after missed iatrogenic injury of the popliteal artery with distal limb ischemia: A case report <i>Ayman Khalil</i>
15:20 – 15:25	The “needle re-entry” technique for infrainguinal arterial calcified occlusive lesions <i>Takuya Haraguchi</i>
15:25 – 15:30	Iatrogenic arteriovenous fistulas (AVF) after endovascular recanalisation and angioplasty of BTK arteries occlusions, leading to stealing of the BTK blood flow. Successful correction of stealing by DES stents <i>Andrey Ivanov</i>
15:30 – 15:35	Staged treatment for pancreaticoduodenal artery aneurysm with celiac artery revascularisation: Case report and systematic review <i>Baker Ghoneim</i>
15:35 – 15:40	Nutcracker syndrome: Intravascular ultrasound guided treatment <i>Juan Manuel Telayna</i>
15:40 – 15:45	Goldblatt kidney – a stitch in time saves nine <i>Krishnakishore Goyal</i>
15:45 – 16:00	Discussion and conclusion

- 16:00 – 17:00** **Challenging cases and complications: Carotid/Embolization**
Moderators: Piotr Musialek, Piero Montorsi
- 16:00 – 16:05 Brachial artery entrapment after supracondylar humeral fracture –
a case report *Rita Garcia*
- 16:05 – 16:10 Left subclavian aneurysm in Ehler Danlos patient treated with coned covered
stent Gore VBX+VHB *Pedro Pablo Aragon Ropero*
- 16:10 – 16:15 4 vessel extracranial fibromuscular dysplasia requires 3D modelling
Naomi Anning
- 16:15 – 16:20 Combined endovascular repair of a ruptured left subclavian artery aneurysm –
a case report and literature review *Adriana Antonio*
- 16:20 – 16:25 Endovascular management of iatrogenic internal carotid artery
pseudoaneurysm after carotid endarterectomy *Mikhail Generalov*
- 16:25 – 16:30 Two level angioplasty of critically stenosed left carotid artery with proximal
neuroprotection and use of intravascular lithotripsy catheter (IVL)
Marcin Misztal
- 16:30 – 16:35 TCAR and intravascular lithotripsy: An effective combination treatment
for carotid artery stenosis *Jessica Efrid*
- 16:35 – 16:40 A rare case of post-traumatic high-flow priapism requiring endovascular
salvage with bilateral superselective microcoil embolization
Aman Berry Williams
- 16:40 – 16:45 Pain in the neck: Urgent microcoil embolization of a ruptured thyrocervical
trunk *Aman Berry Williams*
- 16:45 – 17:00 Discussion and conclusion



08:00 – 09:00

CONNECT THE WORLD SESSION in collaboration with CEC
The state of art in SFA treatment: Insights from global experts

partially supported by Medtronic

Co-chairmen: *Zhong Chen, Weiguo Fu, Wei Guo*

Moderators: *Dierk Scheinert, Andrej Schmidt, Michel Reijnen*

08:00 – 08:05

Opening

08:05 – 08:35

■ *Live case transmission from Chengdu, China*

Operators: *Jichun Zhao and Fei Xiong*

08:35 – 08:40

How to optimize vessel preparation with the chocolate balloon *Jingsong Wang*

08:40 – 08:45

Complex SFA disease: Tackling calcium with directional atherectomy *Lianrui Guo*

08:45 – 08:50

IN.PACT Admiral DCB – long term outcomes from the IN.PACT Admiral

clinical programme *Lixin Wang*

08:50 – 08:55

How do drug-coated balloons perform in patients with critical limb ischemia?

5-year outcomes from the IN.PACT global study *Michel Reijnen*

08:55 – 09:00

Discussion and conclusion

09:00 – 09:30

ASK THE EXPERTS: Our personal tips and tricks with the interwoven nitinol stent

supported by Abbott Vascular

Moderators: *Ralf Langhoff, August Ysa, Lieven Maene*

Panel discussion

09:30 – 10:15

Advanced techniques for challenging lesions

Moderator: *Dierk Scheinert*

Panel: *Sabine Steiner, Edward Choke, Uei Pua*

■ *Live case transmission from Leipzig*

Peripheral arterial vessel prepping with intravascular ultrasound and atherectomy – an interventionalist's perspective *Nicolas Shammass*

What does it take to optimise treatment of complex SFA lesions:

Update on the BEST SFA trial *Sabine Steiner*

Outcomes of the covered self-expandable stents for the treatment of critical limb ischemia patients *Michel Reijnen*

10:15 – 11:00

SYMPOSIUM: IVL – consistently tackling severe calcium

supported by Shockwave

Moderator: *Konstantinos Stavroulakis*

Panel: *Raphael Coscas, Narayanan Thulasidasan, Michel Bosiers*

10:15 – 10:25

Embracing the challenges created by severe calcification *Konstantinos Stavroulakis*

10:25 – 10:35

Simplicity and reliability: Consistent strategy produces predictable outcomes

across multiple vessel beds *Raphael Coscas*

10:35 – 10:45

Reducing the risks spawned by calcium in CLTI patients *Narayanan Thulasidasan*

10:45 – 10:55

A paradigm shift in managing hostile access and facilitating endograft delivery *Michel Bosiers*

10:55 – 11:00

Q&A, discussion, and conclusion

11:00 – 11:45

Latest techniques for carotid revascularisation*Moderator: Dierk Scheinert**Panel: Piotr Musialek, Matteo Stefanini, Ralf Langhoff, Flavio Airoidi***■ Live case transmission from Leipzig***Micronet-covered stent in stroke prevention and treatment: New evidence**Piotr Musialek**Mechanical properties and vessel adaptability of carotid stents: Could these change the procedural outcomes? Matteo Stefanini*

11:45 – 12:30

Standing on evidence in SFA intervention

supported by Boston Scientific

*Moderators: Marianne Brodmann, Antonio Micari**Panel: Sabine Steiner, Yann Gouëffic, Giovanni Torsello*

11:45 – 11:48

Introduction: The evolution of clinical trials in SFA Marianne Brodmann

FLASH PRESENTATIONS:

11:48 – 11:54

Highlights and insights of DCB level 1 evidence Sabine Steiner

11:54 – 12:00

Highlights and insights of DES level 1 evidence Yann Gouëffic

12:00 – 12:06

Highlights and insights of real world evidence Giovanni Torsello

12:06 – 12:27

Panel discussion and audience interaction*Why evidence generation matters**What does this mean for our SFA treatment algorithm?**What does this mean for our patients?**What does this mean for our hospital system?*

12:27 – 12:30

Conclusion and close Antonio Micari



12:30 – 13:15

LUNCH SYMPOSIUM: The Alvimedica drug approach to the treatment of lower limb lesions

supported by Alvimedica

*Moderator: Ralf Langhoff**Panel: Andrea Kahlberg, Stefan Müller-Hülsbeck, Marco Manzi, Marc Sirvent*

12:30 – 12:32

Introduction and objectives

12:32 – 12:39

Amphilimus™ (Sirolimus + Fatty Acid) not only a pure drug option

Andrea Kahlberg

12:39 – 12:53

Focus on SFA

What we know and what we don't know about the use of Sirolimus

*Stefan Müller-Hülsbeck*The NITIDES™ solution *Andrea Kahlberg*

12:53 – 13:07

Focus on BTK
DES role in the treatment of the lower limb lesions *Marco Manzi*My personal experience with Cre8™ BTK *Marc Sirvent*

13:07 – 13:13

Discussion

13:13 – 13:15

Take-home messages and closure

13:30 – 14:45

SYMPOSIUM: Every patient journey deserves innovative PAD solutions:
Access, restore, sustain

supported by BD

*Moderator: Koen Deloose**Panel: Theodosios Bisdas, Bruno Migliara*

13:30 – 13:55

■ *Live case transmission from Zurich*

13:55 – 14:08

Challenging patient journey chapter II – complex femeropopliteal CTO

Theodosios Bisdas

14:08 – 14:20

Rotational mechanical atherothrombectomy in EVAR limbs – preliminary data

Bruno Migliara

14:20 – 14:35

Challenging patient journey chapter III – complex iliac lesion management

Koen Deloose

14:35 – 14:45

Panel discussion

14:45 – 16:00

SYMPOSIUM: Sirolimus coated balloon: The future of peripheral intervention

supported by Concept Medical

*Moderator: Dierk Scheinert**Panel: Alope Finn, Edward Choke, Ulf Teichgräber, Francesco Liistro, Sahil Parikh,**Stefano Barco*

14:45 – 14:52

Is Sirolimus is a better option for PAD treatment *Alope Finn*

14:52 – 15:07

XTOSI 2 year results and updates on FUTURE BTK & SFA *Edward Choke*

15:07 – 15:22

■ *Case from SIRONA RCT and presentation on LIMES study design**Ulf Teichgräber*

15:22 – 15:35

DEBATE BTK duell study design and case presentation with FU

Francesco Liistro

15:35 – 15:50

The SirPAD randomized trial at half of target enrolment: Study update and

exemplary case treated with sirolimus-coated balloon *Stefano Barco*

15:50 – 16:00

Discussion & conclusion

16:00 – 18:00

VIVA@LINC**CLTI from challenges to milestones and what is next?***Moderators: Peter Schneider, Marianne Brodmann***Announcement Vascular Career Award****Part I: Big picture trends in CLTI***Panel: Joshua Beckman, Tony Das, Raghu Kolluri, Ralf Langhoff*

16:00 – 16:05

The cost of CLTI: How many amputations occur each year and what is the cost to the patient and society? *Joshua Beckman*

16:05 – 16:10

What is new in imaging, functional assessment, and perfusion monitoring? *Tony Das*

16:10 – 16:15

Emerging trends: Models for team care, standardizing wound management, and best practices for long-term care *Raghu Kolluri*

16:15 – 16:25

Discussion

Part II: New interventional approaches in CLTI*Panel: Luis Palena, Venita Chandra, Koen Deloose, Ralf Langhoff, Roberto Ferraresi*

16:25 – 16:50

■ **Live case transmission from Kingsport, USA**

16:50 – 16:55

How BTK alternative access techniques have changed my practice *Saher Sabri*

16:55 – 17:00

Specialty balloons and atherectomy for BTK application:

How to apply these for optimal lumen gain *Venita Chandra*

17:00 – 17:05

Drug-coated balloons BTK: What is the evidence for Paclitaxel?

What is the status of limus-based DCB? *Chris Metzger*

17:05 – 17:30

■ **Live case transmission from Leipzig**

17:30 – 17:35

Current and future BTK scaffolds: Tacks, stents, and other novel scaffolds for BTK application *Niten Singh*

17:35 – 17:40

Alternative bypass techniques: Endovascular deep venous arterialization and detour procedures – where are we so far? *Peter Schneider*

17:40 – 18:00

Discussion



- 08:00 – 09:00 Endovascular treatment of aortoiliac aneurysms: Techniques and results**
Moderators: Giovanni Torsello, Martin Malina
Panel: Spiridon Botsios, Daniela Branzan, Konstantinos Donas, Hans-Henning Eckstein
- 08:00 – 08:05 Mechanical characterisation of abdominal aortic aneurysm, using 4D ultrasound
Marc van Sambeek
- 08:05 – 08:10 How sac regression at 1 year affects all-cause mortality through 8 years:
 Key insights from the ENGAGE registry *Vicente Riambau*
- 08:10 – 08:15 FORS technology: Branched clinical usage, learnings and future perspectives
Tilo Kölbel
- 08:15 – 08:40 ■ *Live case transmission from Münster*
- 08:40 – 08:45 5-year follow up data of an iliac branch device *Darren Schneider*
- 08:45 – 08:50 Preservation of the internal iliac artery: The GALIBER study *Jorge Fernández Noya*
- 08:50 – 08:55 Endovascular treatment of challenging iliac with co-existing internal iliac aneurysms:
 A new European registry *Konstantinos Donas*
- 08:55 – 09:00 Anterior vs. posterior divisional branches: Where to land better in case
 of internal iliac artery aneurysms – the ROYAL-registry *Mario D'Oria*
- 09:00 – 10:15 Aortic solutions engineered to last**
 supported by W. L. Gore & Associates
Moderator: Marc van Sambeek
Panel: Dittmar Böckler, Michele Antonello, Hence Verhagen, Colin Bicknell
- 09:00 – 09:02 Introduction from the moderator
- 09:02 – 09:17 Long-term follow up demonstrates durable TEVAR outcomes: A case discussion
Dittmar Böckler
- 09:17 – 09:37 ■ *Recorded case presentation: TEVAR* *Michele Antonello*
- 09:37 – 09:52 Long-term follow up demonstrates durable EVAR outcomes: A case discussion
Hence Verhagen
- 09:52 – 10:12 ■ *Recorded case presentation: EVAR* *Colin Bicknell*
- 10:12 – 10:15 Q&A, discussion, and conclusion

10:15 – 11:15	The challenging infrarenal neck: Technical solutions and insights <i>Moderators: Hence Verhagen, Vicente Riambau</i> <i>Panel: Stefano Fazzini, Jean-Paul de Vries, Giovanni Torsello, Jorge Fernández Noya</i> Results from Zephyr study <i>Dittmar Böckler</i> Clinical update and lessons learned when treating challenging necks: Outcomes of the EXCeL registry <i>Marc van Sambeek</i> AAA sac regression after 5 years: insights from the GREAT registry <i>Raghuram Lakshminarayan</i>
10:15 – 10:20	
10:20 – 10:25	
10:25 – 10:30	
10:30 – 10:35	FIRST TIME DATA RELEASE: Renal function after stentgraft treatment of abdominal aneurysm: The RENOFIX, a randomized clinical study <i>Per Skoog</i>
10:35 – 10:40	
10:40 – 10:45	ADVANCE: A novel RCT comparing sac dynamics in Medtronic and Gore EVAR devices <i>Hence Verhagen</i> Proximal aortic neck angulation and AAA outcomes: Learnings and considerations <i>Giovanni Torsello</i>
10:45 – 10:50	
10:50 – 10:55	A new era for CheVAR: How the PROTAGORAS 2.0 study can predict sizing and planning optimization <i>Stefano Fazzini</i> CheVAR: A true success story ... if you do it right <i>Konstantinos Donas</i>
10:55 – 11:00	Stabilizing high-risk seal zones: Mid-term EndoAnchor experience <i>Luis Mariano Ferreira</i>
11:00 – 11:05	
11:05 – 11:10	ESAR provides long-term durability in challenging proximal necks: 5-year results from the global ANCHOR study <i>Jean-Paul de Vries</i>
11:10 – 11:15	ESAR and FEVAR: How can evidence support tailored treatment of hostile neck AAA's <i>Giovanni Torsello</i> Discussion and conclusion
11:15 – 12:30	Zenith® t-Branch® a well-established choice to treat TAAAs supported by COOK Medical <i>Moderator: Tim Resch</i> <i>Panel: Alexander Zimmermann, Tilo Kölbel</i> Welcome from the moderator Technical features carry technical success <i>Alexander Zimmermann</i> ■ <i>Live case transmission from Hamburg</i> Standardizing complex procedures to optimize outcomes <i>Tilo Kölbel</i> ■ <i>Live case transmission from Hamburg</i> Q&A, discussion, and conclusion
11:15 – 11:20	
11:20 – 11:30	
11:30 – 12:00	
12:00 – 12:10	
12:10 – 12:15	
12:15 – 12:30	



12:30 – 13:15

LUNCH SYMPOSIUM: From data to everyday practice with Advanta V12: Trusted on table, reliable over time

supported by Getinge

*Moderator: Tilo Kölbel**Panel: Andrej Schmidt, Jean-Paul de Vries, Lorenzo Patrone*

12:30 – 12:35

Introduction *Tilo Kölbel*

12:35 – 12:43

How to become an expert in complex AIOD treatment *Andrej Schmidt*

12:43 – 12:51

Durability of Advanta V12 as a renal stent in complex aortic cases

Jean-Paul de Vries

12:51 – 12:59

A stent that you can count on at 5 years and beyond:

Physician's and patient's experience *Lorenzo Patrone*

12:59 – 13:15

Discussion and conclusion

13:30 – 14:15

Tailoring complex endovascular repair with off-the-shelf solutions

supported by Medtronic

*Moderator: Vicente Rimbau**Panel: Jean-Paul de Vries, Konstantinos Donas, Andrés Reyes Valdivia*

13:30 – 13:33

Welcome and introduction *Vicente Rimbau*

13:33 – 13:41

Addressing the unmet needs of challenging neck anatomy patients

Jean-Paul de Vries

13:41 – 13:49

On-label ChEVAR: Why optimal device combination and standardized procedure yields durable results *Konstantinos Donas*

13:49 – 13:57

The unique benefits of EndoAnchors in hostile proximal necks *Andrés Reyes Valdivia*

13:57 – 14:12

Discussion

14:12 – 14:15

Closing remarks *Vicente Rimbau*

14:15 – 15:30

Latest solutions for endovascular thoracoabdominal aortic repair

supported by Artivion

*Moderator: Tim Resch**Panel: Vladimir Makaloski, Sébastien Déglise, Said Abisi*

14:15 – 14:23

Inner branches in dissections *Vladimir Makaloski*

14:23 – 15:06

 *Live case transmission from Leipzig*

15:06 – 15:14

Technical learnings from Enside procedures *Sébastien Déglise*

15:14 – 15:22

iBEVAR clinical experience *Said Abisi*

15:22 – 15:30

The role of 4D flow MRI in the use of inner branched TAAA devices:

Reality or science fiction? *Theodosios Bisdas*

15:30 – 16:15

Addressing abdominal complexities with custom solutions

supported by Terumo Aortic

*Moderator: Piotr Szopiński**Panel: Kak Khue Yeung, Jürgen Falkensammer*

15:30 – 15:35

Introduction *Piotr Szopiński*

15:35 – 15:45

Next generation lower profile fenestrated device graft – initial feedback

Kak Khue Yeung

15:45 – 15:55

How to cover the uncoverable with fenestrated iliac leg solution

Jürgen Falkensammer

15:55 – 16:05

Overcoming challenging anatomy with ring stent and unsupported fenestrated graft

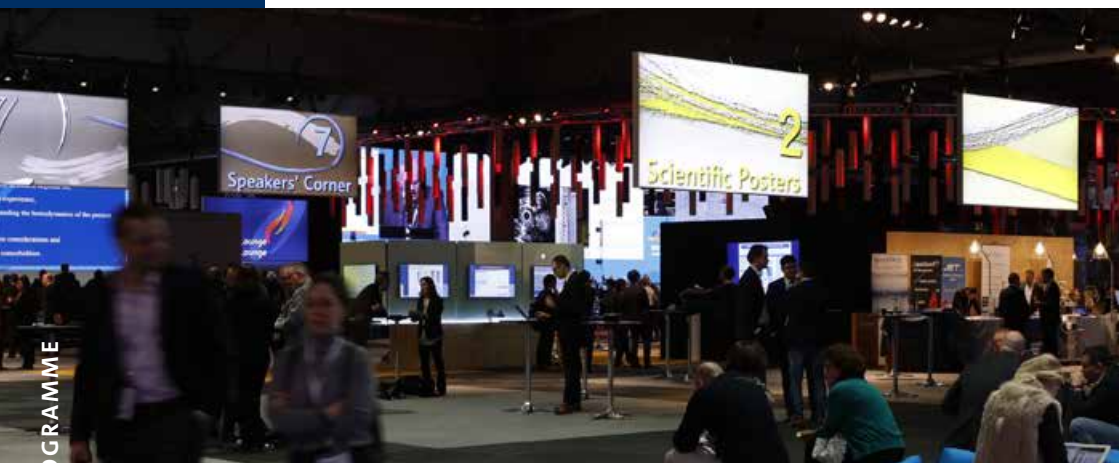
Vladimir Makaloski

16:05 – 16:15

Discussion and conclusion

- 16:15 – 18:00** **Pioneering techniques and challenges in Thoracoabdominal Aortic Aneurysms (TAAA) repair**
Moderators: Giovanni Torsello, Eric Verhoeven
Panel: Piotr Kasprzak, Tilo Kölbel, Martin Austermann, Daniela Branzan, Frank Veith
- 16:15 – 16:20 F/B-EVAR: Ancillary devices and techniques *Eric Verhoeven*
- 16:20 – 16:25 VBX as fenestrated/branched bridging stent. EXPAND and personal clinical experience, our key learnings *Martin Austermann*
- 16:25 – 16:30 Outcomes of Advanta V12 covered stents after fenestrated endovascular aneurysm repair – the BUTTERFLY study *Jean-Paul de Vries*
- 16:30 – 16:35 Treatment via relining with V12 Advanta covered stents of dissolving PTFE covered stents after B/FEVAR *Ioannis Passaloglou*
- 16:35 – 16:40 Bridging from off to on-label in BEVAR *Martin Austermann*
- 16:40 – 17:05  *Live case transmission from Paris*
- 17:05 – 17:10 Preliminary clinical and radiologic outcome of matched patients with thoracoabdominal aortic aneurysms treated by low-profile vs. standard profile branched aortic endografts *Giovanni Federico Torsello*
- 17:10 – 17:15 Transfemoral access for branched EVAR has become the new standard *Tilo Kölbel*
- 17:15 – 17:20 Value of steerable sheaths and multiport sheaths in complex endovascular aortic repair *Nikolaos Tsilimparis*
- 17:20 – 17:25 Stability of steerable sheaths for branched EVAR: A bench comparison *Giuseppe Panuccio*
- 17:25 – 17:30 TAAA open repair and organ protection: The 2022 update *Roberto Chiesa*
- 17:30 – 17:35 Combined open and endovascular solutions for complex thoraco abdominal aortic aneurysms *Michael Jacobs*
- 17:35 – 17:40 Hybrid thoracoabdominal repair with the Thoracoflow prosthesis: Early experience *Sabine Wipper*
- 17:40 – 17:45 Open branch in BEVAR is a valid option to prevent postoperative paraplegia *Piotr Kasprzak*
- 17:45 – 17:50 Preoperative embolization of segmental arteries for protection from spinal ischemia after EVAR – results and perspectives *Daniela Branzan*
- 17:50 – 17:55 Is CO² angiography for EVAR and fEVAR treatment efficient? *Eric Ducasse*
- 17:55 – 18:00 Discussion and conclusion

08:30 – 09:45	Latest results from clinical trials and innovations <i>Moderators: Francesco Liistro, Jos van den Berg</i>
08:30 – 08:35	Natural progression of high-risk chronic limb-threatening ischemia: The CLarITI study <i>Anahita Dua</i>
08:35 – 08:40	Results of the Prelude BTK study: Novel serration angioplasty balloon for the below-the-knee arteries <i>Michael Lichtenberg</i>
08:40 – 08:45	Update on the DEEPER LIMUS trial: The temporary Spur stent system in conjunction with a Sirolimus-coated balloon <i>Marianne Brodmann</i>
08:45 – 08:50	The novel temporary Spur stent system used in conjunction with a commercially available, Paclitaxel-coated balloon: 6-months results of the DEEPER OUS trial – Arnsberg experience <i>Michael Lichtenberg</i>
08:50 – 08:55	Clinical risk associated with contrast angiography in metformin treated diabetes patients <i>Manuela Konert</i>
08:55 – 09:00	Balloon assisted retrograde puncture of distal vessels in poor candidates for a conventional transpedal approach <i>Marta Lobato</i>
09:00 – 09:05	Totally percutaneous arterialization of the foot through the superficial dorsal venous system – SuperSaVe-technique <i>Bruno Migliara</i>
09:05 – 09:10	The Limus-Coated temporary Spur stent system: DEEPER drug therapy for infrapopliteal disease <i>Jihad Mustapha</i>
09:10 – 09:15	Real-world performance of Novel Shock Wave wire in complex CTO lesions <i>Marianne Brodmann</i>
09:15 – 09:20	The needle rendezvous technique: The novel guidewire externalization technique using a needle without inserting microcatheter <i>Masanaga Tsujimoto</i>
09:20 – 09:25	Multi-site tibial intervention procedure using XO cross microcatheters in triaxial support configuration including wireless microcatheter navigation <i>Richard Saxon</i>
09:25 – 09:30	MOTIV bioresorbable BTK scaffold pilot study: Preliminary results through 6 months <i>Thomas Rand</i>
09:30 – 09:45	Discussion and conclusion



09:45 – 11:00	Latest clinical data and original research papers: Interventions in CLTI – part I <i>Moderators: Luis Palena, Katja Mühlberg</i>
09:45 – 09:50	Retrograde tibial access for revascularisation of long chronic total occlusion in patients with chronic limb threatening ischemia <i>Amit Talmon</i>
09:50 – 09:55	Comparative study between negative pressure wound therapy and standard moist wound dressing <i>Mina Gamil</i>
09:55 – 10:00	New strategy for reducing adverse cardiac events and improving survival of patients with chronic limb-threatening ischaemia <i>Dainis Krievins</i>
10:00 – 10:05	Factors predicting adverse outcomes for patients with chronic limb threatening ischaemia and infra-popliteal disease <i>Terri-Ann Russell</i>
10:05 – 10:10	Management of Buerger's disease in endovascular era <i>Baker Ghoneim</i>
10:10 – 10:15	Standard balloon angioplasty vs. Serranator serration balloon angioplasty for the treatment of below-the-knee artery occlusive disease: A sub-analysis from the Vascular Center in Graz/Austria in the PRELUDE-BTK prospective study <i>Katharina Gütl</i>
10:15 – 10:20	Interim analysis results of PiPeR-registry prospective monocentric study on totally percutaneous foot veins arterialization <i>Bruno Migliara</i>
10:20 – 10:25	Revascularisation of target artery path is a substantial way for salvage of critical limb ischemia <i>Ahmed Sakr</i>
10:25 – 10:30	Toe blood flow pattern just after pedal arch angioplasty and foot prognosis in the CLTI patients <i>Kuniyoshi Fukai</i>
10:30 – 10:35	Twelve months clinical outcomes of percutaneous deep venous arterialization with an alternative techniques and ordinary endovascular therapy devices for patients with chronic limb threatening ischemia: From the result of DEPARTURE Japan study <i>Tatsuya Nakama</i>
10:35 – 10:40	The cost effectiveness of deep vein arterialization <i>Peter Schneider</i>
10:40 – 10:45	4-year follow-up of bioresorbable vascular scaffolds in severe infra-popliteal arterial disease <i>Atman Shah</i>
10:45 – 10:50	Cre8™BTK clinical results in below-the-knee complex patients <i>Marc Sirvent</i>
10:50 – 11:00	Discussion and conclusion

11:00 – 12:30	Latest clinical data and original research papers: AV access and venous <i>Moderators: Houman Jalaie, Steven Black</i>
11:00 – 11:05	Outcome of angioplasty of occluded arteriovenous fistula for hemodialysis: Single centre experience <i>Baker Ghoneim</i>
11:05 – 11:10	The significant related factors and 24-month intervention outcomes in Type-1 and non-Type 1 thoracic central vein obstruction in hemodialysis patients <i>Poj Lapasampanno</i>
11:10 – 11:15	XperCT facilitates sharp recanalisation for the treatment of chronic thoracic venous occlusive disease in hemodialysis patients <i>Bin Chen</i>
11:15 – 11:20	Timing RSVP (Reperfusion symptoms to vein patency) in lower limbs large veins <i>Juan Manuel Telayna</i>
11:20 – 11:25	AngioJet catheter directed thrombolysis for massive and submassive PE <i>Naomi Anning</i>
11:25 – 11:30	Clot burden reduction after aspiration thrombectomy in main vs. branch pulmonary artery emboli: A subgroup analysis of the EXTRACT-PE trial <i>Salah Qanadli</i>
11:30 – 11:35	McCleery's syndrome the overlooked cause of swollen upper limb, completion venoplasty is the key word for successful surgical decompression <i>Ahmed Allam</i>
11:35 – 11:40	Safety and efficacy of Endovenous Laser ablation (EVLA) using 1940nm and radial emitting fiber – 3-year results of a prospective, non-randomized study and comparison with 1470nm <i>Abhay Setia</i>
11:40 – 11:45	Radiofrequency ablation for markedly incompetent perforators vs. compression therapy in the management of post-phlebotic venous ulcers: A randomized controlled trial <i>Mohammed Shukry</i>
11:45 – 11:50	Transcatheter embolo-sclerotherapy of high flow arteriovenous malformations <i>Ehab Saad</i>
11:50 – 12:00	Clinical update on a novel venous stent <i>Michael Lichtenberg</i>
11:55 – 12:30	Discussion and conclusion

- 12:30 – 13:00** **ASK THE EXPERTS: Optimal vessel closure with new generation suture mediated vessel closure device**
supported by Abbott Vascular
Moderators: Christian Erbel, Wouter Lansink
Panel discussion
- 13:30 – 14:45** **Latest clinical data and original research papers: Interventions in CLTI – part II**
Moderators: Marianne Brodmann, Marcus Thieme
- 13:30 – 13:35** Role of peroneal only angioplasty for limb salvage in patients with critical limb ischemia *Mohamed Abdelsamie*
- 13:35 – 13:40** The preliminary outcome of laser-assisted angioplasty combined with endovascular radiofrequency ablation for thromboangiitis obliterans
Lin Yang
- 13:40 – 13:45** Utility of Sirolimus drug eluting balloons in the treatment of complex infra-inguinal atherosclerotic disease in patients with chronic limb threatening Ischemia – 6 months results from the PRISTINE registry *Tjun Tang*
- 13:45 – 13:50** Results of CLI of the multicentric registry of lower limbs angioplasty in Argentina *Ana Mollon*
- 13:50 – 13:55** Intraoperative tissue perfusion evaluation using near infrared spectroscopy during below-the-knee arteries revascularisation *Tomas Baltrunas*
- 13:55 – 14:00** Mid-term results of lytic therapy in vasculitic patients with acute ischemia
Mohammed Shukry
- 14:00 – 14:05** The catastrophic impact of COVID-19 infection in patients with chronic limb threatening ischaemia *Rafael de Athayde Soares*
- 14:05 – 14:10** Endovascular treatment in patients with thromboangiitis obliterans and chronic limb ischemia – systematic review and meta-analysis *George Galyfos*
- 14:10 – 14:15** Adipose-derived stem cells in patients with venous ulcers:
A systematic review *Mohamed Elsharkawi*
- 14:15 – 14:20** Risk factors for early failure of transmetatarsal amputation performed in association to revascularisation of advanced chronic limb threatening ischemia *Cecilia Angherà*
- 14:20 – 14:25** The role of targeted infra-popliteal endovascular angioplasty to treat diabetic foot ulcers using the angiosome model: A systematic review *Erin Saricilar*
- 14:25 – 14:30** Wifl classification vs. angiosome concept: A change in the infrapopliteal angioplasties paradigm *Rafael de Athayde Soares*
- 14:30 – 14:45** Discussion and conclusion

14:45 – 16:00	Challenging cases and complications: AV access and venous <i>Moderators: Panagiotis Kitrou, Ounali Jaffer</i>
14:45 – 14:50	Massive hemothorax after sharp transeptal needle recanalisation of chronic right brachiocephalic venous occlusion with successful endovascular correction <i>Panat Nisityotakul</i>
14:50 – 14:55	Migration of stent placed in the left pulmonary vein into the iliac bifurcation <i>Nancy Coraizaca</i>
14:55 – 15:00	The outside-in double snare technique to treat long central venous occlusion <i>Wanchai Chinchalongporn</i>
15:00 – 15:05	Nutcracker syndrome and management of co-existing of May-Thurner, median arcuate ligament, superior mesenteric artery, and/or pelvic congestion syndromes: A single-center experience of 26 patients <i>Kurtis Kim</i>
15:05 – 15:10	Catheter-directed thrombolysis and covered stent in a case of complete superior vena cava and brachiocephalic veins obstruction after cardiac transplantation for a rare heart defect <i>Maria Antonella Ruffino</i>
15:10 – 15:15	Great veins program: Do we have everything it takes? <i>Juan Manuel Telayna</i>
15:15 – 15:20	Percutaneous thrombectomy of supra-inferior vena cava filter thrombosis <i>Momodou Jammeh</i>
15:20 – 15:25	Dual pathway through femoral vein and urinary catheter for endovascular treatment of internal iliac vein injury <i>Konstantinos Spanos</i>
15:25 – 15:30	Inferior vena cava filter thrombosis: 10 years experience <i>Ayman Fakhry</i>
15:30 – 15:35	Inferior vena cava tear <i>Bhaskar Purushottam</i>
15:35 – 15:40	Endovascular retrieval of cement intracaval and in the common iliac vein: A fishing net technique <i>Shuaib Akifi</i>
15:40 – 15:45	Epithelioid hemangioma of inferior vena cava: Initial catheter directed thrombolysis unmask the diagnosis <i>Tamer Khafagy</i>
15:45 – 15:50	Bilateral iliac veins and vena cava obstruction treated with unilateral endovenous recanalisation and cross-femoral venous bypass using dilated superficial epigastric veins <i>Kanin Pruekprasert</i>
15:50 – 16:00	Discussion and conclusion

- 16:00 – 17:00** **Challenging cases and complications: EVAR – part I**
Moderators: Maria Antonella Ruffino, Reza Ghotbi
- 16:00 – 16:05 A hybrid SMA debranching and periscope-EVAR for ruptured infected abdominal aortic aneurysm involving the visceral vessels *Wuttichai Saengprakai*
- 16:05 – 16:10 9 aneurysms : 1 patient *Supatcha Prasertcharoensuk*
- 16:10 – 16:15 Infected EVAR & TEVAR after endovascular repair of impending rupture TAAA: The good, the bad and the ugly *Samer Koussayer*
- 16:15 – 16:20 How to do it: Chimney endovascular aneurysm repair (ChEVAR) of an abdominal aortic aneurysm associated with crossed fused renal ectopia *Luis Fernando Garcia*
- 16:20 – 16:25 Endovascular repair of complex aortic aneurysms using physician-modified stent-graft with inner branches *Tsuyoshi Shibata*
- 16:25 – 16:30 Challenges and considerations associated with transsternal Zone 0 hybrid arch repair: Report of 2 cases *James Ebaugh*
- 16:30 – 16:35 Emergency treatment of a symptomatic juxtarenal AAA after EVAR migration *Daniele Pennica*
- 16:35 – 16:40 Embolization of gutter-related Type Ia endoleak after chimney TEVAR via non-thrombosed vascular plug at left subclavian artery *Chinapath Vuthivanich*
- 16:40 – 16:45 Endovascular and hybrid aortic arch operations: A single-center experience *Nikolay Susanin*
- 16:45 – 16:50 Spinal cord ischemia: The most challenging complication in complex aortic surgery. Is intraoperative neuromonitoring a useful tool in the intraoperative decision making to minimize paraplegia? *Rosa Villardefrancos Gil*
- 16:50 – 16:55 Aortic transection – a case series *Rita Garcia*
- 16:55 – 17:00 Discussion and conclusion

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08:00 – 09:15

CONNECT THE WORLD SESSION in collaboration with JET**Peripheral wiring techniques for CTO lesions**

partially supported by Asahi Intecc

*Moderator: Roberto Ferraresi**Co-Moderator: Hiroyoshi Yokoi**Panel: Yoshimitsu Soga, Daniel van den Heuvel, Steven Kum, Koen Deloose*■ *with Osamu Iida live from Amagasaki*■ *with Marco Manzi live from Abano Terme***FLASH PRESENTATIONS:**Current status of CLTI *Roberto Ferraresi*Antegrade wire escalation for BTK lesions *Koen Deloose*Distal puncture and retrograde looping wire technique *Tatsuya Nakama*

09:15 – 10:30

Limb preservation masterclass: Cutting edge techniques and tools for CLTI

supported by COOK Medical

*Moderator: Jos van den Berg**Panel: Marianne Brodmann, Marco Manzi*

09:15 – 09:40

■ *Live case transmission from Leipzig*

09:40 – 09:53

The cost of endovascular limb preservation vs. amputation

Marianne Brodmann

09:53 – 10:06

The antegrade approach to CLTI and advanced CTO crossing strategies

Jos van den Berg

10:06 – 10:19

Pedal artery revascularisation: The retrograde approach to CLTI and

advanced CTO crossing strategies *Marco Manzi*

10:19 – 10:30

Q&A, discussion, and conclusion

10:30 – 11:15

New techniques and technologies for BTK interventions – latest data*Moderators: Marianne Brodmann, Steven Kum**Panel: Tatsuya Nakama, Francesco Liistro, Yoshimitsu Soga, Luis Palena, Michael Lichtenberg*

10:30 – 10:35

■ *Live case recap from first session*

10:35 – 10:40

ACOART-BTK: 3-year clinical outcome *Francesco Liistro*

10:40 – 10:45

Current status and future of limus based drug coated balloons in the infrapopliteal arteries *Ehrin Armstrong*

10:45 – 10:50

Latest evidence for focal dissection repair with the Tack endovascular scaffold: Reviewing the 2-year TOBA II BTK data *Michael Lichtenberg*

10:50 – 10:55

When to stent tibial arteries: Update on abluminus sirolimus eluting stent trial *Edward Choke*

10:55 – 11:00

SAVAL DES BTK: Current status *Jihad Mustapha*

11:00 – 11:05

Current technology for BTK scaffolds *Brian DeRubertis*

11:05 – 11:10

Bioresorbable scaffolds for BTK interventions (LIFE-BTK) *Sahil Parikh*

11:10 – 11:15

R3 vascular drug-eluting bioresorbable scaffold in below-the-knee vessels: Interim results from the RESOLV-I trial *Marianne Brodmann*

11:15 – 12:30	SYMPOSIUM: Redefining vascular treatment strategy for AVF and AVG: A deep dive into Sirolimus coated balloon supported by Concept Medical Moderator: <i>Tjun Tang</i> Panel: <i>Edward Choke, Gireesh Reddy, Chieh Suai Tan, Sanjay Mishra</i>
11:15 – 11:27	Advantages of Sirolimus over Paclitaxel for the treatment of AVF/AVG stenosis <i>Aloke Finn</i>
11:27 – 11:37	MATILDA 2 year follow up presentation and case presentation <i>Tjun Tang</i>
11:37 – 11:44	■ <i>Complex cases presentation AVG Chieh Suai Tan</i>
11:44 – 11:51	2-year follow up on AVF in salvage of AVG study <i>Chieh Suai Tan</i>
11:51 – 11:58	Updates on IMPRESSION RCT and study design presentation <i>Chieh Suai Tan</i>
11:58 – 12:05	■ <i>Complex cases presentation AVF Gireesh Reddy</i>
12:05 – 12:12	Magic Touch AVF – US FDA Study Design <i>Sanjay Mishra</i>
12:12 – 12:27	Panel discussion
12:27 – 12:30	Conclusion <i>Tjun Tang</i>
12:30 – 13:25	LUNCH SYMPOSIUM: Innovations and new applications of embolization therapies Moderators: <i>Walter A. Wohlgemuth, Romaric Loffroy</i> Panel: <i>Costantino del Giudice, Gloria Salazar, Ripal Gandhi, Clifford Weiss, Manuela Konert</i>
12:30 – 12:35	Management of endoleaks via transarterial embolization with Onyx 34L <i>Arne Schwindt</i>
12:35 – 12:40	Contemporary peripheral aneurysm management: Techniques with fibered coils and micro vascular plugs <i>Ripal Gandhi</i>
12:40 – 12:50	■ <i>Recorded case presentation Andrej Schmidt</i>
12:50 – 12:55	French SEAL registry: Type II EndoLeak treatment outcomes using EVOH <i>Costantino del Giudice</i>
12:55 – 13:00	Pulmonary AVMs: Deep dive into new data and guideline updates <i>Clifford Weiss</i>
13:00 – 13:05	Using liquids in trauma cases: Application of Onyx LES <i>Romaric Loffroy</i>
13:05 – 13:10	Embolic selection for hemorrhoids: New application for coil technology <i>Gloria Salazar</i>
13:10 – 13:15	The CHRYSALIS study: First experience with the Caterpillar embolization device <i>Andrew Holden</i>
13:15 – 13:25	Discussion and conclusion



- 13:30 – 15:00** **A comprehensive look at CLTI treatment: New approaches for assessment of CLTI and pioneering options for “No-hope-patients” – part I**
Moderators: Jos van den Berg, Marianne Brodmann
Panel: Jihad Mustapha, William Gray, Roberto Ferraresi, Eric Ducasse, Peter Goverde
- 13:30 – 13:35 Hemodynamic vs. anatomical diagnosis of CLI *Jihad Mustapha*
 13:35 – 13:55 ■ *Live case transmission from Abano Terme – part I*
 13:55 – 14:00 Different types of atherosclerosis of the tibial arteries:
 Learn the histopathology *Jihad Mustapha*
- 14:00 – 14:05 The role of vascular recoil in tibial arteries – the concept of the Choco Cabana study *Gunnar Tepe*
- 14:05 – 14:10 Angiolite BTK trial: 2-year data in CLTI *Peter Goverde*
 14:10 – 14:15 Biblos trial: Investigating the safety and efficacy of the Luminor 14 DCB in the treatment of BTK lesions in real CLTI patients: Preliminary data (first 100 patients) *Koen Deloose*
- 14:15 – 14:20 Remaining place for distal bypasses in BTK area *Eric Ducasse*
 14:20 – 14:40 ■ *Live case transmission from Abano Terme – part II*
 14:40 – 14:45 Initial experience with the Microstent in tibial arteries – Insights from the STAND trial *Robert Beasley*
- 14:45 – 14:50 The Novel Temporary Spur stent system used in conjunction with a commercially available Paclitaxel balloon: 6-month results of the Deeper OUS trial *Andrew Holden*
- 14:50 – 14:55 Dissection analysis after BTK-intervention with the Serranator device: A core-lab adjudicated study *Michael Lichtenberg*
 14:55 – 15:00 CLTI – vascular recurrence. How to monitor and when to re-intervene *Venita Chandra*
- 15:00 – 15:45** **SYMPOSIUM: WavelinQ™ EndoAVF system:
 An innovative patient centric solution**
 supported by BD
Moderator: Tobias Steinke
Panel: Panagiotis Kitrou, Ounali Jaffer, Fien Gryffroy
- 15:00 – 15:07 WavelinQ™ EndoAVF global clinical program, new and available evidence *Panagiotis Kitrou*
 15:07 – 15:14 ■ *Recorded case with WavelinQ™ EndoAVF system: The antiparallel option*
Ounali Jaffer
 15:14 – 15:21 ■ *Recorded case with WavelinQ™ EndoAVF system: The parallel option*
Fien Gryffroy
- 15:21 – 15:28 Secondary procedures on EndoAVF: A practical approach *Tobias Steinke*
 15:28 – 15:45 Panel discussion

- 15:45 – 17:30 A comprehensive look at CLTI treatment: New approaches for assessment of CLTI and pioneering options for “No-hope-patients” – part II**
Moderators: Peter Schneider, Arne Schwindt
Panel: Steven Kum, Roberto Ferraresi, Miguel Montero-Baker, Mehdi Shishehbor, Katja Mühlberg
- Focus on deep venous arterialization**
- 15:45 – 15:50 UCSF no-option patient identification rational and experience *Peter Schneider*
 15:50 – 15:55 Latest insights on DVA mechanism of action *Roberto Ferraresi*
 15:55 – 16:00 When all hope seemed lost: My best cases of plantar vein arterialization using the LIMFLOW-procedure *Arne Schwindt*
- 16:00 – 16:10 ■ *Recorded LimFlow case with Miguel Montero-Baker*
 16:10 – 16:15 PROMISE I 24 month data *Mehdi Shishehbor*
 16:15 – 16:20 Post DVA procedural best practices with case examples *Arne Schwindt*
 16:20 – 16:25 Post DVA wound care *Giacomo Clerici*
 16:25 – 16:30 Discussion
 16:30 – 16:55 ■ *Live case transmission from Leipzig*
 16:55 – 17:00 Below-the-ankle vessel disease; when being aggressive, when being moderate and gentle, when not touching *Roberto Ferraresi*
- 17:00 – 17:05 Wound adjudication in CLTI/CLI trials *Raghu Kolluri*
 17:05 – 17:10 GLASS – global vascular guidelines: What are they and how valid are they in predicting outcomes in a comprehensive wound care program?
Venita Chandra
- 17:10 – 17:15 CLTI blueprints – establishing nov TOE, FLOW, and GO units of care
Miguel Montero-Baker
 17:15 – 17:30 Discussion and conclusion



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AUDIO CHANNEL 2



R. Ferraresi

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D. D. Do

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A. Nishida

G. H. H. H.

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I. I. I. I.

08:00 – 09:15

Endovascular aortic repair for acute aortic syndroms*Moderators: Vicente Riambau, Stéphan Haulon**Panel: Weiguo Fu, Dittmar Böckler, Santi Trimarchi, Daniela Branzan*

08:00 – 08:05

Aortic remodeling and long-term success in the treatment of complicated dissections *Ludovic Canaud*

08:05 – 08:35

■ *Live case transmission from Hamburg*

08:35 – 08:40

FIRST TIME DATA RELEASE:Differences in mid-term outcomes between patients undergoing endovascular aortic repair for aneurysm or acute and chronic aortic syndromes: Report from GREAT *Chiara Lomazzi*

08:40 – 08:45

10-year clinical outcome and experience of TBAD patients with TEVAR in Shanghai Zhongshan Hospital *Weiguo Fu*

08:45 – 08:50

Is distal oversizing the sole cause for distal stent graft-induced new entry in TEVAR? *Stefano Fazzini*

08:50 – 08:55

Low distal radial force TEVAR devices to prevent SINE *Anders Wanhainen*

08:55 – 09:00

Treatment of PAU with a balloon expandable covered stent – a multi-center experience *Nikolaos Tsilimparis*

09:00 – 09:05

Preventing aortic remodeling post-Type A aortic dissection repair *Michael Borger*

09:05 – 09:10

The role of 3D printing in the treatment of urgent complex aortic pathologies *Daniela Branzan*

09:10 – 09:15

Discussion and conclusion

09:15 – 09:50

CONNECT THE WORLD SESSION:**Innovations in endovascular thoraco abdominal aortic repair** supported by Lifetech*Moderators: Vicente Riambau, Chang Shu**Panel: Ralf Kolvenbach, Marwan Youssef*

09:15 – 09:30

■ *Recorded case presentation from Beijing: G-Branch for endovascular repair of TAAA* *Wei Guo*

09:30 – 09:37

Application of fenestration technique in aortic arch disease *Chang Shu*

09:37 – 09:44

A new adjustable puncture device for in situ fenestration during thoracic endovascular aortic repair *Weiguo Fu*

09:44 – 09:50

Discussion and conclusion

09:50 – 11:05

Latest techniques and technologies for TEVAR in the aortic arch

partially supported by Artivion

*Moderators: Tilo Kölbel, Mario Lachat**Panel: Wei Guo, Theodosios Bisdas*

09:50 – 10:15

■ *Live case transmission from Leipzig Heart Center*

10:15 – 10:20

Nexus Aortic Arch system: Tips and tricks for addressing complex cases

Mario Lachat

10:20 – 10:25

The TRIOMPHE study – NEXUS Aortic Arch FDA clinical study *Andrew Holden*

10:25 – 10:30

Emergency treatment in arch pathologies *Miguel Angel Gómez Vidal*

10:30 – 10:35

Can a single branch approach significantly mitigate stroke risks?

A 28-patient series seems to suggest so *Michele Antonello*

10:35 – 10:40

Guo's aortic arch recoNsTruction: The prospective, multiple center study about the safety and efficacy of WeFlow-Arch™ stent graft system

(GIANT study) Wei Guo

10:40 – 10:45

A complete percutaneous technique for three-branched arch TEVAR

Stéphane Haulon

10:45 – 10:50

In situ fenestration as an alternative to branched aortic arch devices

Ralf Kolvenbach

10:50 – 10:55

Fenestrated arch TEVAR: When to use it *Tilo Kölbel*

10:55 – 11:00

Hybrid repair still remains a good option for aortic arch pathology

Vicente Rimbau

11:00 – 11:05

Extra-anatomic bypass for recurrent aortic coarctation *Michael Borger*

11:05 – 12:30

Endovascular repair of the thoracic aorta – current techniques*Moderators: Vicente Rimbau, Theodosios Bisdas**Panel: Marc van Sambeek, Stephen Cheng, Dittmar Böckler, Giovanni Torsello*

11:05 – 11:10

Early clinical experience with the new Ankura Thoracic stent graft

Theodoros Kratimenos

11:10 – 11:15

Initial experience using in-situ-fenestration of the aortic arch pathologies

Marwan Youssef

11:15 – 11:20

Validation of TEVAR results across multiple diseases: A French experience

Hervé Rousseau

11:20 – 11:25

Management and treatment of patients with blunt trauma aortic injury:

5-year results from the RESCUE trial *Ali Azizzadeh*

11:25 – 11:55

■ *Live case transmission from Paris*

11:55 – 12:00

Long-term TEVAR performance in the dynamic TAA pathology

Giovanni Tinelli

12:00 – 12:05

Current trends in reduction or elimination of rapid pacing during stent-graft deployment *Dittmar Böckler*

12:05 – 12:10

Endoanchor applicability in TEVAR *Vicente Rimbau*

12:10 – 12:15

Stroke rate after thoracic endovascular aortic repair using de-airing of stentgrafts with high-volume of saline solution *Daniela Branzan*

12:15 – 12:20

Prevention of air-embolism using carbondioxide flushing:

What is the evidence? *Tilo Kölbel*

12:20 – 12:30

Discussion and conclusion



12:30 – 13:15

LUNCH SYPOSIUM: Advancing procedures in complex aortic repair

supported by Philips

*Moderator: Bijan Modarai**Panel: Frederic Cochennec, Qasam M. Ghulam, Geert Willem Schurink*

12:30 – 12:35

Introduction by the moderator

12:35 – 12:45

Improving outcomes of complex aortic procedures using advanced imaging techniques *Frederic Cochennec*

12:45 – 12:55

Improving AAA measurement accuracy using innovative Ultrasound 3D volume model automation and xMATRIX *Qasam M. Ghulam*

12:55 – 13:05

The use of Fiber Optic RealShape (FORS) technology in various aortic interventions *Geert Willem Schurink*

13:05 – 13:15

Discussion and conclusion

13:30 – 14:30

Aortic controversies – preservation as a standard of care:**Achieving a durable EVAR outcome in a compromised iliac seal zone**

partially supported by W. L. Gore & Associates

*Moderator: Konstantinos Donas**Panel: Jan Heyligers, Mauro Gargiulo, Jorge Fernández Noya*Does preservation always matter? When is it important to maintain flow to both IIA? *Jan Heyligers*■ *Live case transmission from Leipzig*When to use a limb instead of an iliac branched device? *Mauro Gargiulo*Dynamic CT evaluation of iliac branched devices *Michel Reijnen*Advanced concepts for treating the diseased hypogastric – does the data support it? *Jorge Fernández Noya*

14:30 – 15:15

CONNECT THE WORLD SESSION:**Novel and well-engineered stent grafts tailored for abdominal aortic repair**

supported by Shanghai MicroPort Endovastec

*Moderators: Weiguo Fu, Alexander Zimmermann**Panel: Nilo Mosquera, Raghuram Lakshminarayan*

14:30 – 14:32

Introduction

14:32 – 14:42

An optimal EVAR solution: MINOS ultra-low profile stent graft in abdominal aortic repair and its latest clinical data *Weiguo Fu*

14:42 – 14:52

Real world experience with the ultra-low profile MINOS device *Alexander Zimmermann*

14:52 – 15:02

■ *Recorded case with MINOS for treatment of AAAs with challenging anatomy* *Nilo Mosquera*

15:02 – 15:12

Ultra-low profile fenestrated Altura: Early clinical experience in Europe *Raghuram Lakshminarayan*

15:12 – 15:15

Discussion and conclusion

15:15 – 16:30

Repair options for chronic aortic dissections

Moderators: Bijan Modarai, Luca Bertoglio

Panel: Eric Verhoeven, Armando Lobato, Weiguo Fu, Patricia Rodríguez Cabeza

15:15 – 15:20

The natural history of chronic aortic dissections with and without TEVAR:

Implications for repair considerations *Stephen Cheng*

15:20 – 15:25

How to handle specific anatomies in PDATAA *Eric Verhoeven*

15:25 – 15:30

The Zenith TX2 dissection endovascular graft: Results of a dedicated dissection stent-graft from a European registry *Bijan Modarai*

15:30 – 15:35

GORE® EXCLUDER® Thoracoabdominal Branch Endoprosthesis:

First European clinical experience *Mohammad Hamady*

15:35 – 16:00

■ *Live case transmission from Hamburg*

16:00 – 16:05

Results of false lumen occlusion using the Candy-Plug: A European experience *Ahmed Eleshra*

16:05 – 16:10

Symptomatic aneurysm of the left subclavian artery's ostium.

Endovascular technique with CERA plug *Luis Miguel Salméron Febres*

16:10 – 16:15

The Lobato technique for acute Type B aortic dissection complicated with thoracoabdominal aortic aneurysm and total true lumen occlusion of the infrarenal aorta *Armando Lobato*

16:15 – 16:20

Endovascular repair options in chronic aortic dissection *Kyriakos Oikonomou*

16:20 – 16:30

Discussion and conclusion

16:30 – 17:15

Aortic repair in genetic and congenital aortic syndromes

Moderators: Tilo Kölbel, Kyriakos Oikonomou

Panel: Ahmed Eleshra, Meike Rybczynski

16:30 – 16:35

Overview of genetic aortic syndromes *Meike Rybczynski*

16:35 – 16:40

Single-center results of endovascular repair in patients with Marfan Syndrome *Ahmed Eleshra*

16:40 – 16:45

Latest results on the treatment of CoA with large diameter balloon expandable covered stents *Kyriakos Oikonomou*

16:45 – 17:15

Discussion and conclusion

08:30 – 09:45

Latest results from clinical trials and innovations: EVAR*Moderators: Giovanni Torsello, Piotr Kasprzak*

08:30 – 08:35

Gender differences in proximal neck anatomy and their consequences in patients with abdominal aortic aneurysms *Denise Özdemir-van Brunschot*

08:35 – 08:40

E-xtra DESIGN multibranched stent grafts in the treatment of thoracoabdominal aneurysms: Early results of the CONNECT investigation *Markus Wagenhäuser*

08:40 – 08:45

Multilayer flow modulator stent for aortic pathology: A single-centre retrospective cohort study *Denise Özdemir-van Brunschot*

08:45 – 08:50

Cardiac plug – dissection stent configuration (Caulking technique)
A new configuration for treatment of sub-acute Type B aortic dissection
Osman Mahmoud

08:50 – 08:55

Deployment system to deliver a novel adhesive patch to treat aortic dissections
Alejandro Aranda

08:55 – 09:00

ANEUFIX, a novel treatment for Type 2 endoleak: Multicenter pivotal trial of technical success, safety and clinical benefit, first results *Arjan Hoksbergen*

09:00 – 09:05

Computed tomography-applied software guided early detection of junctional separation between aortic endograft components *William Yoon*

09:05 – 09:10

Our initial experience with the novel thoracic Ankura stent graft
Juan Antonio Margarit Calabuig

09:10 – 09:45

Discussion and conclusion

10:15 – 11:15

Challenging cases and complications: EVAR – part II*Moderators: Spiridon Botsios, Luca Bertoglio*

10:15 – 10:20

Mycotic aortic aneurysm rupture exposing the spine *Rita Garcia*

10:20 – 10:25

Rupture of right common iliac artery related to a spinal osteophyte
García de Vargas

10:25 – 10:30

Modified extended petticoat technique for the treatment of a giant false lumen iliac aneurysm following an acute Type B aortic dissection: A case report
Emmanouil Barmaparessos

10:30 – 10:35

A complex thoracoabdominal aortic aneurysm managed by endovascular grafts and four chimneys *Almamooun Justaniah*

10:35 – 10:40

Hybrid open and endovascular treatment of an erosion of elephant trunk prosthesis in a patient with symptomatic abdominal aortic aneurysm *Maria Antonella Ruffino*

10:40 – 10:45

Endovascular repair of a ruptured common iliac aneurysm in the presence of a persistent sciatic artery (and a horseshoe kidney) *Naomi Anning*

10:45 – 10:50

Fenestrated endo-vascular aneurysm repair gone wrong:
An interesting worst case *Karen van Langenhove*

10:50 – 10:55

Double barrel plugging in recurrent aorto-enteric fistula *Anoop Ayyappan*

10:55 – 11:00

Treatment of Type 1A endoleak using laser fenestration of an endograft to the LSA
Marek Majewski

11:00 – 11:05

Initial experience in the treatment of thoracic aortic pathology with the new Lifetech Ankura stent graft *António Cruz Tomás*

11:05 – 11:15

Discussion and conclusion

11:15 – 12:30	Latest clinical data and original research papers: EVAR – part I <i>Moderators: Reza Ghotbi, Stefano Fazzini</i>
11:15 – 11:20	Optimal timing of TEVAR for Type B aortic dissections: A systematic review and meta-analysis <i>Erin Saricilar</i>
11:20 – 11:25	Modern endovascular aneurysm repair offers a survival advantage and is cost-effective compared to conservative management in patients physiologically unfit for open surgical aneurysm repair <i>Yousef Shahin</i>
11:25 – 11:30	Midterm outcomes of endovascular treatment for infected aortic aneurysms: Single-center experience <i>Veera Suwanruangsri</i>
11:30 – 11:35	Meta-analysis of the crossed vs. standard limb configuration in endovascular aneurysm repair <i>Nada Yaser</i>
11:35 – 11:40	Elusive endoleaks: What scan will stop a rupture? <i>Aman Berry Williams</i>
11:40 – 11:45	Preliminary results from an Italian national registry on the outcomes of the semi-custom-made Najuta fenestrated aortic arch endograft <i>Giacomo Isernia</i>
11:45 – 11:50	Embolization of the lumbar arteries before EVAR: A prospectively randomized trial comparing platinum-fibered microcoils (control arm) with the MVP® microvascular plug (study arm) <i>Manuela Konert</i>
11:50 – 11:55	Ultrasound-guided vs. conventional MANTA vascular closure device deployment after transcatheter aortic valve replacement <i>Hirokazu Miyashita</i>
11:55 – 12:00	Occlusion of an existing wide and patent IMA prior to EVAR may contribute to the development of post-EVAR fever <i>Konstantinos Spanos</i>
12:00 – 12:05	Comparison of a steerable sheath in exclusively femoral access vs. upper extremity access in branched endovascular aortic repair <i>Sven Hauck</i>
12:05 – 12:10	Impact of vascular access site complications for long-term mortality after transfemoral transcatheter aortic valve implantation (tf-TAVI) in a real-world setting <i>Sven Möbius-Winkler</i>
12:10 – 12:15	The evolving management of ruptured abdominal aortic aneurysms: An Australian centre experience <i>Anoosha Aslam</i>
12:15 – 12:20	The versatile altura aortic endograft demonstrates excellent 5 year outcomes <i>Dainis Krievins</i>
12:20 – 12:25	Early outcomes of a new generation covered stent in branched endovascular repair of thoracoabdominal aneurysms <i>Said Abisi</i>
12:25 – 12:30	Discussion and conclusion

- 13:30 – 14:45 Latest clinical data and original research papers: EVAR – part II**
Moderators: Daniela Branzan, Theodosios Bisdas
- 13:30 – 13:35 Blunt traumatic aortic injury: The 20 year experience of a large trauma referral hospital *Erin Saricilar*
- 13:35 – 13:40 Finding the appropriate technique for planning the stent-graft lengths in PRETEVAR CT *Anoop Ayyappan*
- 13:40 – 13:45 Inner-branched endograft in challenging treatment of complex secondary aortic intervention in case of abdominal and thoraco-abdominal aneurysmal progression: A retrospective single-center study *Paola Scrivere*
- 13:45 – 13:50 3-month mortality rate in patients with ruptured abdominal aneurysm treated with open surgical repair *Elmi Olluri*
- 13:50 – 13:55 Endovascular preservation of segmental arteries during treatment of thoracoabdominal aortic aneurysm with fenestrated/branched stent-grafts: Feasibility and outcome *Ahmed Eleshra*
- 13:55 – 14:00 Stroke, spinal cord ischemia, and upper limb ischemia in patients undergoing TEVAR with coverage of the left subclavian artery: A case series study *Mohamed Rizk*
- 14:00 – 14:05 The necessity to seal the re-entry tears of aortic dissection after TEVAR: A hemodynamic indicator *Duanduan Chen*
- 14:05 – 14:10 The use of high-fidelity simulators in assessing endovascular surgical competence *Erin Saricilar*
- 14:10 – 14:15 Systematic review and meta-analysis of thoracic endovascular aortic repair of Type B aortic dissection in mainland China *He yue Jia*
- 14:15 – 14:20 Spinal cord ischemia prevention through hypogastric and inferior mesenteric artery preservation during complex endovascular aortic procedures *Lucia Di Stefano*
- 14:20 – 14:25 Abdominal aortic aneurysm sac healing with a bioabsorbable shape memory polymer *Michel Reijnen*
- 14:25 – 14:45 Discussion and conclusion



LIVE FROM LEIPZIG

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 - Vessel preparation
 - Primary stenting (S



H. Krankenberg
LINC

S. Bartus
LINC

Electronic posters will be displayed from 08:00 – 18:00
in front of the Speakers' Corner

09:00 – 09:40

Moderated poster round

Challenging cases: BTK, CLI, Femoral, PVD, SFA

Jurors: Mariano Palena, Francesco Liistro

09:00 – 09:05

The long pathway to the successful endovascular treatment of critical lower limb ischemia in a young male patient with psoriasis – an unusual clinical case

Mikoalj Maga

09:05 – 09:10

Limb salvage after COVID-19 related extensive arterial thrombosis in an 81 years lady with critical limb ischemia: A case report

Ayman Khalil

09:10 – 09:15

Bilateral acute thrombotic ischemia associated with COVID-19 infection rescued using a combination of treatment tools

Ahmed Sayed

09:15 – 09:20

Methicillin resistant Staphylococcus aureus infection in vascular surgery patients

Rita Garcia

09:20 – 09:25

Distal radial puncture for thrombectomy of the radial and brachial artery in a patient with acute upper limb ischemia

Sorin Giusca

09:25 – 09:30

Complex recanalisation of common femoral artery, SFA and popliteal artery

Ana Paula Mollon

09:30 – 09:35

Atherectomy with drug eluting balloon for common femoral artery occlusive disease: Early experience

Arnaud Kerzmann

09:35 – 09:40

Trans dorsalis pedis accesses for superficial femoral artery stenting is another alternative approach for bail-out cases

Khadijah Alhussaini

Electronic posters will be displayed from 08:00 – 18:00
in front of the Speakers' Corner

11:00 – 11:35

Moderated poster round

Challenging cases: Venous, AV, Visceral

Jurors: Panagiotis Kitrou, Tobias Hirsch

11:00 – 11:05

Alternative surgical techniques to rescue arteriovenous accesses for hemodialysis *Elisa Peretti*

11:05 – 11:10

Endovascular recanalisation of failing arteriovenous fistula with complex anatomy *Yujin Kwon*

11:10 – 11:15

When Fasciotomy is needed in extensive left iliofemoral deep vein thrombosis – case report *Ayman Fakhry*

11:15 – 11:20

Embolisation surgery for right upper extremity high flow vascular malformation (AVM) and aneurysm arising from distal brachial & radial artery in elbow region *Mangesh Tarte*

11:20 – 11:25

Catheter directed-thrombectomy with the JETi8 in the treatment of acute superior vena cava syndrome, a case report *Laure Marie Arts*

11:25 – 11:30

Endovenous microwave ablation of great saphenous vein in the treatment of acute superficial venous thrombosis: A case report *Sohiel Nagib*

11:30 – 11:35

Saving a patient with massive bowel necrosis following undiagnosed acute mesenteric ischemia: A case report *Ayman Khalil*

Electronic posters will be displayed from 08:00 – 18:00
in front of the Speakers' Corner

- 13:00 – 13:50** **Moderated poster round**
Challenging cases: Carotid, Iliac, Renal
Jurors: Peter Goverde, Frans Moll
- 13:00 – 13:05 Limb salvage after complete cut of the brachial artery following combined cut arm and cut wrist injuries: A case report *Ayman Khalil*
- 13:05 – 13:10 Intravascular ultrasound as a useful tool in the misdiagnosis of carotid web and its management *Enrique García de la Cruz*
- 13:10 – 13:15 Recurrent transient ischemic attack: an unusual cause and endovascular treatment
Karen van Langenhove
- 13:15 – 13:20 Pharmaco-mechanical catheter directed intra-arterial thrombolytics, vaso-dilators, antiplatelet aggregators in the salvage of acutely ischemic right hand
Mangesh Tarte
- 13:20 – 13:25 Traumatic brachial artery pseudoaneurysm *Nasser Alghareem*
- 13:25 – 13:30 Sirolimus-eluting balloon PTA for in-stent restenosis of carotid artery stents – first in men results *Silke Hopf-Jensen*
- 13:30 – 13:35 Complex CERAB in fragile female patient *Elisa Peretti*
- 13:35 – 13:40 Spontaneous isolated common iliac artery dissection in young adult *Elisa Peretti*
- 13:40 – 13:45 The unusual acute limb ischemia, caused by impingement of external iliac artery by pelvic tumor *Suteekhanit Hahtapornsawan*
- 13:45 – 13:50 Endovascular treatment of the renal artery in a young kidney transplant patient with high risk of graft loss *Antonio García de Vargas*

Electronic posters will be displayed from 08:00 – 18:00
in front of the Speakers' Corner

15:00 – 15:45

Moderated poster round

Original research: BTK, Femoral, PVD, SFA

Jurors: Francesco Liistro, Thomas Zeller

15:00 – 15:05

Percutaneous recanalisation of very long femoro-popliteal chronic total occlusions *Vincent Demesmaker*

15:05 – 15:10

Usefulness of vertical femoral artery puncture with antegrade approach in endovascular therapy *Katsutoshi Takayama*

15:10 – 15:15

Dose management capabilities of digital variance angiography: 70 % decrease of DSA-related radiation exposure in lower limb x-ray angiography *István Góg*

15:15 – 15:20

Diagnostic performance of digital variance angiography in reduced radiation lower limb examinations *István Góg*

15:20 – 15:25

Comparing results of the EX-PAD-03 IDE study and the PATHFINDER post-market registry evaluating the safety and efficacy of the Auryon laser atherectomy system *Marianne Brodmann*

15:25 – 15:30

The primary patency in endovascular treatment of femoropopliteal lesions with Eluvia Paclitaxel-Eluting stent: Single-centre experience *Annarita Dapoto*

15:30 – 15:35

Results of endovascular arterial treatment in flexion area *Juan Manuel Telayna*

15:35 – 15:40

A new concept in vascular surgery: The percutaneous bypass (Percut Bypass) *Pierre Sarradon*

15:40 – 15:45

Analysis of the safety and efficacy of the endovascular treatment for acute limb ischemia with percutaneous pharmacomechanical thrombectomy compared with catheter-directed thrombolysis *Rafael de Athayde Soares*

Electronic posters will be displayed from 08:00 – 18:00
in front of the Speakers' Corner

09:00 – 09:35

Moderated poster round

Original research: EVAR

Jurors: Peter Goverde, Vicent Rimbau

09:00 – 09:05

Outcomes of endovascular aneurysm repair using the Alto aortic stent graft at a major UK vascular centre *Anup Mathew*

09:05 – 09:10

Radiation doses during EVAR: The transition to a hybrid room

Dorelly Tanayra Martinez Del Carmen

09:10 – 09:15

Monocentric retrospective study about median term remodeling of visceral aortic segment in complicated paraortic dissections treated with hybrid delayed procedure (TEVAR and infrarenal fenestration) *Elisa Peretti*

09:15 – 09:20

Early single-site experience with the new low profile MINOS abdominal stent-graft system, in patients with difficult aortoiliac anatomy *Grzegorz Oszkini*

09:20 – 09:25

Fixing bridge technique combining distal covered self-expandable with proximal balloon expandable stent-graft in case of branched endografting *Lucia Di Stefano*

09:25 – 09:30

Off-the-shelf stent grafts implantations as the solution for treatment of some aorta and iliac artery aneurysms *Maciej Nowacki*

09:30 – 09:35

Mid term and long term results of covering entry tears in Type B aortic dissections *Pavan Bellala*

09:35 – 09:40

Shortest apposition length at the first postoperative computed tomography angiography identifies patients at risk for developing a late Type Ia endoleak after endovascular aneurysm repair *Roy Zuidema*

Electronic posters will be displayed from 08:00 – 18:00
in front of the Speakers' Corner

- 11:00 – 12:00** **Moderated poster round**
Challenging cases: EVAR – part I
Jurors: Reza Ghotbi, Hans-Henning Eckstein
- 11:00 – 11:05 Combining stent-graft and VSD occluder to treat a challenging chronic Type B dissection *Ahmed Farghaly*
- 11:05 – 11:10 Role of Transoesophageal Echo in thoracic aneurysms with difficult cannulation of the true lumen *Ahmed Sayed*
- 11:10 – 11:15 Complex multistage treatment of chronic Type B dissection:
A case of LSA revascularisation with a fenestrated thoracic endograft
Andrea Pellegrin
- 11:15 – 11:20 Acute aortic dissection with visceral malperfusion *Ansab Haider*
- 11:20 – 11:25 Aorto-esophageal fistula after aortic coarctation surgery,
based on a real case *Cristina Serralle Mallo*
- 11:25 – 11:30 EVAR in ruptured aneurysm of the abdominal aorta with aortocaval fistula,
long term result *Egan Kalmykov*
- 11:30 – 11:35 Our experience with the use of endograft AFX2-VELA ENDOLOGIX
in patients with aneurysmatic and/or ischemic pathology of the aorto-iliac
sector *Elena Herrero*
- 11:35 – 11:40 Endoleak Type 2: A plague following EVAR *Filipa Jácome*
- 11:40 – 11:45 Endovascular management of middle aortic syndrome in a chimney
technique *Hamad Algedaiby*
- 11:45 – 11:50 Hybrid staged approach for treatment of complicated persistent sciatic artery
aneurysm *Hossam Elwakeel*
- 11:50 – 11:55 Ortners's syndrome as the first symptom of thoracic aortic aneurysm,
with coexisting subrenal abdominal aortic aneurysm and critical stenosis
of the left internal carotid artery – case study *Janusz Kuśmierz*
- 11:55 – 12:00 Multiple endovascular treatments for Type B aortic dissections (TBAD)
Marek Majewski

Electronic posters will be displayed from 08:00 – 18:00
in front of the Speakers' Corner

15:00 – 15:50

Moderated poster round

Challenging cases: EVAR – part II

Jurors: Spiridon Botsios, Martin Malina

15:00 – 15:05

Aortic intramural hematoma due to intercostal artery aneurysms *Maysam Shehab*

15:05 – 15:10

Stroke, spinal cord ischemia and upper limb ischemia in patients undergoing TEVAR with coverage of the left subclavian artery: A case series study *Mohamed Ismail*

15:10 – 15:15

Descending thoracic aorta TEVAR stent migration *Nasser Alghareem*

15:15 – 15:20

A challenged endovascular treatment of bilateral internal iliac aneurysms combined with TAAA, using an off-the-shelf solution *Oroa Salem*

15:20 – 15:25

Type II endoleak management after EVAR in AAAr with retroaortic left renal vein fistula *P. Pablo Aragón Roperó*

15:25 – 15:30

Inferior mesenteric artery salvage extra-fenestration in complex case of chronic Type B dissection treatment: Is the intraoperative risk worth taking? *Paola Scrivere*

15:30 – 15:35

An unusual 6 Fr approach of recurrent disease of a focal iliac aneurysm, preserving hypogastric artery *Peter Goverde*

15:35 – 15:40

Two-stage TEVAR and BEVAR in symptomatic Type B dissection *Sam Mogadas*

15:40 – 15:45

Treatment of Type III endoleak after branched endovascular aneurysm repair *Yujin Kwon*

15:45 – 15:50

Single-step hybrid surgical treatment of posttraumatic aneurism of the thoracic aorta *Yuliya Belova*

Electronic posters will be displayed from 08:00 – 18:00
in front of the Speakers' Corner

09:00 – 10:05

Moderated poster round

Original research: AV, Carotid, Venous, Visceral, Iliac

Jurors: Matteo Tozzi, Tobias Steinke

09:00 – 09:05

Outcome of follow up program for detection and treatment of failing AV ACCESS in chronic kidney disease patients *Mahmoud Elmeniesy*

09:05 – 09:10

The secondary patency after patch venoplasty vs. balloon venoplasty in management of neointimal hyperplasia of the venous anastomosis of thrombosed arterio-venous grafts for hemodialysis *Mohamed Ismail*

09:10 – 09:15

A single-center experience of percutaneous arteriovenous fistula creation with the WavelinQ™ 4Fr EndoAVF system. A retrospective analysis of 30 patients *Panagiotis Kitrou*

09:15 – 09:20

Association between masseter muscle area and thickness and outcome after carotid endarterectomy: A retrospective cohort study *Rianne Hogenbirk*

09:20 – 09:25

AngioJet and Aspirex thrombectomy vs. thrombolysis for acute iliofemoral deep vein thrombosis A multi-center retrospective comparative evaluation of three therapeutic interventional modalities *Ahmed Allam*

09:25 – 09:30

Effectiveness of dedicated venous stents in treatment of complex central venous occlusions in dialysis patients *Alaaeldin Saad*

09:30 – 09:35

Predictive factors of venous stenting failure: A systematic review *Ana Carolina Semião*

09:35 – 09:40

2ry prophylaxis of deep vein thrombosis in pregnancy – PVTP-EGYPT 2020 *Ayman Fakhry*

09:40 – 09:45

Dedicated venous stent in chronic venous disease: Single centre experience *Mattia Mirandola*

09:45 – 09:50

Randomized prospective comparative study of platlet-rich plasma vs. conventional compression in treatment of post-phlebitic venous ulcer *Mohammed Farag*

09:50 – 09:55

Microwave ablation of varicose veins – early Egyptian experience *Sohiel Nagib*

09:55 – 10:00

Endovascular management of visceral aneurysms:

Our results with different techniques *Dario Palermo*

10:00 – 10:05

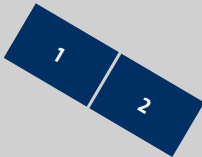
Draft for a disease-severity score in aortoiliac occlusive disease: The A.C.H.E.L.I.S ACE score *Peter Goverde*



SPEAKERS' CORNER



SCIENTIFIC POSTERS



Restaurant self-service



Floor plan, Hall 2

MAIN ARENA

1

Exhibitors:

- 1 Medtronic
- 2 Abbott
- 3 BD
- 4 Cordis
- 5 Boston Scientific
- 6 W. L. Gore & Associates
- 7 Terumo
- 8 Philips
- 9 BIOTRONIK
- 10 Cardionovum
- 11 Inari
- 12 Acotec
- 13 COOK
- 14 Shockwave
- 15 Optimed

- 16 Abbott
- 17 Lombard
- 18 Endologix
- 19 Artivion
- 20 Getinge
- 21 Concept Medical
- 22 Veryan
- 23 B. Braun
- 24 Axio Biosolutions

- 26 Ecomed
- 27-1 Angiodynamics
- 27-2 Möller Medical
- 28 Bentley
- 29 Penumbra
- 31 Kinepict
- 32 Inspire MD

- 33 iVascular
- 34 Asahi
- 35 Angiodroid
- 36 Siemens

- 37 Upstream
- 38 Laminate
- 39 Merit
- 40 Cydar
- 41 Shapememory
- 42 Eurocol
- 43 Scitech
- 44 Medalliance
- 45 Control-Transit-Fluidx
- 46 Vascular News/CX Symposium
- 47 IQVIA
- 48 Heraeus Medical Components
- 49 Balt
- 50 Teleflex
- 51 Dotter Femoral Access

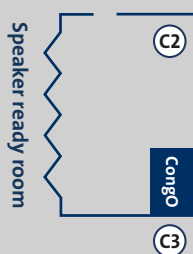
Table top exhibitors:

(located in the transition from CCL to Hall 2)

- | | |
|-----|----------------------|
| TT1 | EVDT |
| TT2 | Minerva Medica |
| TT6 | Future meeting table |
| TT7 | HMP Global |

Faculty:

- | | |
|----|--------------------|
| C1 | Faculty lounge |
| C2 | Speaker ready room |
| C3 | CongO office |



*Restaurant
full service*

SHUTTLE SERVICE

At LINC 2022 we offer our participants a shuttle service to and from the Messe Leipzig. Bus shuttles will be leaving every morning.

- **Monday, 6 June 2022 at 11:00am**
- **Tuesday, 7 June 2022 at 07:00am**
- **Wednesday, 8 June 2022 at 07:15am**
- **Thursday, 9 June at 07:15am**

in front of the following hotels:

- **Westin**
- **Seaside**
*(guests of the following hotel shall please walk to the Seaside Hotel for the shuttle service:
Vienna House, Capri by Frazer, Premier Inn, Intercity, Victors' Residenz)*
- **Radisson Blu**
*(guests of the following hotel shall please walk to the Radisson Blu Hotel for the shuttle service:
Penta Hotel, H+ Hotel, Dorint, Felix im Lebendigen Haus, Motel One Hotels)*
- **Marriott**
*(guests of the following hotel shall please walk to the Marriott Hotel for the shuttle service:
Steigenberger, ibis Budget Reichsstrasse, Adina Apartment, Royal International)*
- **nH Hotel Messe**
- **Loginn by Achat Messe**
- **Hotel am Sachsenpark**
- **Bus station Thomaskirche**
*(guests of the following hotel shall please walk to the Busstation Thomaskirche for the shuttle service:
nH Hotel Burgplatz, Innside by Melia, Townhouse Leipzig a Vagabond Club, Arthotel Ana Symphonie)*
- **H 4 Hotel** (formerly Ramadan)

Shuttles for the return trip will be available after the last session of each day has adjourned (approx. 18:00).

PUBLIC TRANSPORTATION

Transit to and from the Congress Center:

From the city center:

- **Tramway:** Tramway 16 leaves every 10 minutes from the central train station to the Trade Fair Leipzig (last stop: „Messegelände“). This ride will take 19 minutes.
- **Train:** Every 5–15 minutes (depending on time of day, please check schedule) a train leaves from the central station to „Leipzig Messe“. The ride will take 6 minutes. From the stop to the Congress Center (CCL) you can either walk (approx. 10 minutes) or take tramway 16.

From the airport:

- The airport express (train) leaves every 30 minutes and will bring you to the „Leipzig–Neue Messe“. From the stop to the Congress Center (CCL) you can either walk (approx. 10 minutes) or take tramway 16.

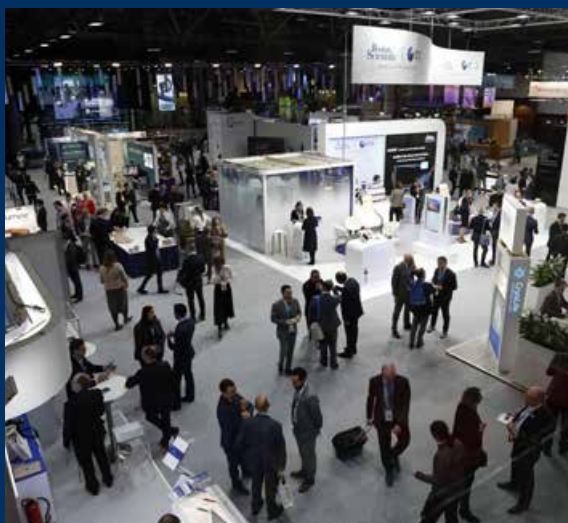


Industry support

We would like to sincerely thank the following companies for their generous support of LINC 2022.

Abbott Vascular www.abbott.com
Booth 02 and 16
Acotec www.acotec.cn Booth 12
Alvimedica www.alvimedica.com
Angiodroid Booth 35
AngioDynamics Booth 271
Artivion www.artivion.com Booth 19
Asahi Intecc Booth 34
Axio Biosolutions
axiobio.com/axiostat/vascular-radial-closure/
Booth 24
B. Braun Melsungen
www.bbraun.com/en.html Booth 23
BALT Germany Booth 49
BD <https://www.bd.com/en-uk> Booth 03
Bentley Booth 28
BIOTRONIK www.biotronik.com Booth 09
Boston Scientific Booth 05
Cagent Vascular <https://bit.ly/3vOCfAZ>
Cardionovum Booth 10
Concept Medical Booth 21
Control Transit Fluidx Booth 45
Cook Medical Booth 13
Cordis www.cordis.com/emea/home Booth 04
CSI
Vascular News/CX Symposium Booth 46
Cydar Booth 40
Dotter Femoral Access
www.dotteraccess.com/ Booth 31
ECO Medical Booth 26
Edizioni Minerva Medica
www.minervamedica.it TT02
Endologix Booth 18
Endovascular Today www.evtoday.com TT01
Eurocolumbus Booth 42
Getinge Booth 20
W. L. Gore & Associates Booth 6
Heraeus
www.heraeusmedicalcomponents.com
Booth 48
HMP Global TT07
Inari Medical Booth 11
InspireMD Booth 32
IQVIA Booth 47
iVascular Booth 33
Kinepict Health kinepict.com/ Booth 31
Laminate Medical www.laminatemedical.com/
Booth 38

Lifetech
LimFlow
Lombard Medical Booth 17
MedAlliance www.medalliance.com Booth 44
Medtronic Booth 01
Mercator
Merit Medical Booth 39
MicroPort Endovastec
Möller Medical Booth 27.2
optimed Booth 15
Penumbra Booth 29
Philips Booth 08
SCITECH Booth 43
Shape Memory Medical www.shapemem.com Booth 41
ShockWave Medical Booth 14
Siemens Healthineers Booth 36
Teleflex Booth 50
Terumo Aortic
Terumo Interventional Systems Booth 07
Upstream Peripheral Technologies
upstreamperipheral.com/ Booth 37
Veryan Medical www.veryanmed.com Booth 22





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