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 specialities 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.
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.

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

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:


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.

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
- 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 for LINC 2022
Scan this QR code to find the details of the planned live cases
LINC 2021 was a virtual event and had a multidisciplinary attendance of 4,694 participants from more than 70 countries. Please visit our website for more details.
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

LIVE CASE COMMITTEE

Martin Austermann, Vascular Surgeon, Münster, Germany
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Ulf Teichgräber, Interventional Radiologist, Jena, Germany
Giovanni Torsello, Vascular Surgeon, Münster, Germany
Hiroyoshi Yokoi, Cardiologist, Fukuoka, Japan
Thomas Zeller, Cardiologist, Angiologist, Bad Krozingen, Germany

LIVE CASE PROGRAMME

Andrei Schmidt, Cardiologist, Angiologist, Leipzig, Germany

INVITED FACULTY

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George Adams, Interventional Cardiologist, Wake Forest, United States
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Gary Ansel, Cardiologist, Columbus, United States
Michele Antonello, Vascular Surgeon, Padua, Italy
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Theodosios Bisdas, Vascular Surgeon, Athens, Greece
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Michel Bosiers, Vascular Surgeon, Münster, Germany
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Daniela Branzan, Vascular Surgeon, Leipzig, Germany
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Ludovic Caanud, Vascular Surgeon, Montpellier, France
Venita Chandra, Vascular Surgeon, Stanford, United States
Zhong Chen, Vascular Surgeon, Beijing, China
Stephen Cheng, Vascular Surgeon, Hong Kong, China
Special administrative region of the people’s republic of China
Roberto Chiesa, Vascular Surgeon, Milan, Italy
Edward Choke, Vascular and Endovascular Surgeon, Singapore, Singapore
Angelo Cioppa, Cardiologist, Mecaglio, Italy
Giacomo Clerici, Internist, Bergamo, Italy
Raphael Coscas, Vascular Surgeon, Boulogne-Billancourt, France
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Michael Dake, Interventional Radiologist, Stanford, United States
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Robert Ferrari, Interventional Cardiologist, Milan, Italy
Luís Mariano Ferreira, Vascular Surgeon, Buenos Aires, Argentina
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Axel Fischer, Internist, Leipzig, Germany
Bruno Freitas, Vascular Surgeon, Maceió, Brazil
Wilbert M. Fritschi, Vascular Surgeon, Zwolle, Netherlands
Weiguo Fu, Vascular Surgeon, Shanghai, China
Paul Gagne, Vascular Surgeon, Darien, United States
Ripal Gandhi, Interventional Radiologist, Miami, United States
Mauro Gargiulo, Vascular Surgeon, Bologna, Italy
Bernhard Gebauer, Interventional Radiologist, Berlin, Germany
Reza Ghobati, Vascular Surgeon, Munich, Germany
Qasem M. Ghulam, Cardiologist, Copenhagen, Denmark
Rokas Giržius, Vascular Surgeon, Vilnius, Lithuania
Sorin Giusca, Cardiologist, Angiologist, Weinheim, Germany
Miguel Angel Gómez Vidal, Cardiovascular Surgeon, Sevilla, Spain
Yann Guéouic, Vascular Surgeon, Paris, France
Peter Goverde, Vascular Surgeon, Antwerp, Belgium
William Gray, Cardiologist, Wynnewood, United States
Fien Gryfroy, Vascular Surgeon, Bonheiden, Belgium
Murat Muzaffer Gucu, Cardiovascular Surgeon, Samsun, Turkey
Lianrui Guo, Vascular Surgeon, Beijing, China
Christian Habermann, Interventional Radiologist, Hamburg, Germany
Allison Halliday, Vascular Surgeon, Oxford, United Kingdom
Mohammad Hamady, Consultant Interventional Radiologist, London, United Kingdom
Olivier Hartung, Vascular Surgeon, Marseille, France
Jan Heyligers, Vascular Surgeon, Tilburg, Netherlands
Tobias Hirsch, Angiologist, Halle (Saale), Germany
Jackie Ho, Vascular Surgeon, Singapore, Singapore
Andrew Holden, Interventional Radiologist, Auckland, New Zealand
Bella Hussen, Consultant Interventional Radiologist, Manchester, United Kingdom
Jeffrey Hull, Interventional Radiologist, Midlothian, United States
Michael Jacobs, Vascular Surgeon, Maastricht, Netherlands
Ounali Jaffer, Interventional Radiologist, London, United Kingdom
Houman Jalaie, Vascular and Endovascular Surgeon, Aachen, Germany
Andrea Kahlberg, Vascular Surgeon, Milan, Italy
Dimitrios Kannabatidis, Interventional Radiologist, Patras, Greece
Narayan Karunanithy, Interventional Radiologist, London, United Kingdom
Piotr Kasprzak, Vascular Surgeon, Regensburg, Germany
Daizo Kawasaki, Interventional Cardiologist, Osaka, Japan
Sasko Kedeu, Interventional Cardiologist, Ljubljana, Republic of North Macedonia
Aurangzaib Khawaja, Vascular Surgeon, Birmingham, United Kingdom
Panagiotis Kitrou, Interventional Radiologist, Patras, Greece
Erik Klokk, Internist, Leiden, Netherlands
Katarzyna Kolasa, Health economist, digital health expert, Warsaw, Poland
Raghuram Kolluru, Angiologist, Columbus, United States
Ralf Kolvenbach, Vascular Surgeon, Düsseldorf, Germany
Manuela Konert, Angiologist, Leipzig, Germany
Stavros Kostakos, Vascular and Interventional Cardiologist, Mainz, Germany
Tobias Koppara, Cardiologist, Munich, Germany
Hans Krankenberg, Cardiologist, Angiologist, Sonneberg, Germany
Zbigniew Krasinski, Vascular Surgeon, Warsaw, Poland
Theodoros Kritimenos, Interventional Radiologist, Athens, Greece
Prakash Krishnan, Interventional Cardiologist, New York, United States
Arun Kumarasamy, Interventional Radiologist, Frankfurt am Main, Germany
Mario Lachat, Vascular Surgeon, Zurich, Switzerland
John Laird, Cardiologist, Davis, United States
Raghuram Lakshminarayan, Consultant Radiologist, Hull, United Kingdom
Ralf Langhoff, Angiologist, Berlin, Germany
Wouter Lansink, Vascular Surgeon, Genk, Belgium
Michael Lichtenberg, Angiologist, Arnberg, Germany
Francesco Lilstro, Interventional Cardiologist, Arezzo, Italy
Romaric Loffroy, Interventional Radiologist, Dijon, France
Chiara Lomazzi, Vascular Surgeon, Milan, Italy
Robert Looe, Interventional and Vascular Radiologist, New York, United States
Sean Lyden, Vascular Surgeon, Cleveland, United States
Lieven Maene, Vascular Surgeon, Aalst, Belgium
Felix Mahfoud, Cardiologist, Hamburg, Germany
Vladimir Makaloski, Consultant Vascular Surgeon, Bern, Switzerland
Martin Malina, Vascular Surgeon, Copenhagen, Denmark
Alexandros Malillos, Vascular Surgeon, Paris, France
Juan Antonio Margarit Calabuig, Cardiovascular Surgeon, Valencia, Spain
Bernard Mees, Vascular Surgeon, Maastricht, Netherlands
Roxana Mehran, Cardiologist, New York, United States
Gaspar Mestres, Angiologist, Vascular Surgeon, Barcelona, Spain
Peter Metzger, Vascular Surgeon, St. Johann, Austria
Antonio Micari, Cardiologist, Palermo, Italy
Bruno Migliara, Vascular and Endovascular Surgeon, Peschiera del Garda, Italy
Michael Moche, Interventional Radiologist, Leipzig, Germany
Bijan Modarai, Vascular Surgeon, London, United Kingdom
Frans Moll, Vascular Surgeon, Utrecht, Netherlands
Miguel Montero-Baker, Vascular Surgeon, Houston, United States
Nilo Mosquera, Vascular Surgeon, Santiago de Compostela, Spain
Katja Mühlig, Internist, Angiologist, Leipzig, Germany
Stefan Müller-Hülsbeck, Interventional Radiologist, Finselsburg, Germany
Erin Murphy, Vascular Surgeon, Charlotte, United States
Piotr Musialek, Cardiologist, Angiologist, Krakow, Poland
Jihad Mustapha, Interventional Radiologist, Grand Rapids, United States
Patrice Nawipatayi, Vascular Surgeon, Perth, Australia
Sigrid Nikol, Cardiologist, Angiologist, Hamburg, Germany
INVITED FACULTY

Daniel Niessler, Interventional Radiologist, Jena, Germany
Gerard O’Sullivan, Interventional Radiologist, Galway, Ireland
Kyriakos Oikonomou, Vascular Surgeon, Regensburg, Germany
Luis Palena, Interventional Radiologist, Còrdoba, Spain
Giuseppe Panuccio, Vascular Surgeon, Hamburg, Germany
Sahil Parikh, Interventional Cardiologist, Columbia, United States
Ioannis Passaloglou, Vascular Surgeon, Berlin, Germany
Ashish Patel, Endovascular Surgeon, London, United Kingdom
Lorenzo Patrone, Interventional Radiologist, London, United Kingdom
Maciej Pech, Radiologist, Magdeburg, Germany
Michele Piazza, Vascular and Endovascular Surgeon, Padua, Italy
Claus C. Pieper, Interventional Radiologist, Bonn, Germany
Mark Portou, Consultant Vascular Surgeon, London, United Kingdom
Vikram Puttaswamy, Vascular Surgeon, Sydney, Australia
Dheeraj Rajan, Interventional Radiologist, Toronto, Canada
Mahmood Razavi, Interventional Radiologist, Orange, United States
Gireesh Reddy, Nephrologist, Surat, India
Michel Reijnen, Vascular Surgeon, Arnhem, Netherlands
Tim Resch, Vascular Surgeon, Lund, Sweden
Andrés Reyes Valdivia, Vascular Surgeon, Madrid, Spain
Patricia Rodríguez Cabeza, Vascular Surgeon, Girona, Spain
Fiona Rohiffs, Vascular Surgeon, Hamburg, Germany
Kenneth Rosenfield, Cardiologist, Boston, United States
Hervé Rousseau, Interventional Radiologist, Toulouse, France
Maria Antonella Ruffino, Interventional Radiologist, Turin, Italy
Meike Rybczynski, Cardiologist, Hamburg, Germany
Saher Sabri, Interventional Radiologist, Washington, United States
Gloria Salazar, Interventional Radiologist, Boston, United States
Luis Miguel Salmerón Febrés, Vascular Surgeon, Granada, Spain
Giuseppe Massimo Sangiorgi, Cardiologist, Bergamo, Italy
Oliver Schlager, Angiologist, Vienna, Austria
Darren Schneider, Vascular Surgeon, Philadelphia, United States
Geert Willem Schurink, Vascular Surgeon, Maastricht, Netherlands
Arne Schwindt, Vascular Surgeon, Münster, Germany
Tim Sebastian, Angiologist, Zürich, Switzerland
Eric Secemsky, Cardiologist, Boston, United States
Robert Shahverdyan, Vascular Surgeon, Hamburg, Germany
Nicolas Shammas, Interventional Cardiologist, Davenport, United States
Andrew Sharp, Consultant Cardiologist, Cardiff, United Kingdom
Mehdì Shishehbor, Interventional Cardiologist, Cleveland, United States
Chang Shu, Vascular Surgeon, Beijing, China
Horst Siever, Cardiologist, Frankfurt, Germany
Niten Singh, Vascular Surgeon, Seattle, United States
Marc Sirvent, Angiologist, Vascular and Endovascular Surgeon, Barcelona, Spain
Per Skoog, Vascular Surgeon, Gothenburg, Sweden
Yoshimitsu Soga, Interventional Cardiologist, Kokura, Japan
Eugenio Stabile, Cardiologist, Naples, Italy
Michal-Goran Stanisic, Vascular Surgeon, Puszczykowo, Poland
Konstantinos Stavroulakis, Vascular Surgeon, Munich, Germany
Matteo Stefanini, Interventional Radiologist, Rome, Italy
Markus Steinbauer, Vascular Surgeon, Regensburg, Germany
Sabine Steicher, Angiologist, Munich, Germany
Tobias Steinke, Vascular Surgeon, Düsseldorf, Germany
Martin Storck, Vascular Surgeon, Karlsruhe, Germany
Piotr Szopinski, Vascular Surgeon, Warsaw, Poland
Chieh Suai Tan, Nephrologist, Singapore, Singapore
Tjung Leong Tan, Vascular Surgeon, Singapore, Singapore
Juan Manuel Telayna, Interventional Cardiologist, Pilar, Argentina
Gunnar Tepe, Interventional Radiologist, Rosenheim, Germany
Marcus Thieme, Angiologist, Sonneberg, Germany
Narayan Yun Thulasidasan, Consultant Interventional Radiologist, London, United Kingdom
Giovanni Tinelli, Vascular Surgeon, Roma, 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
Hence Verhagen, Vascular Surgeon, Rotterdam, Netherlands
Eric Verhoeven, Vascular Surgeon, Nuremberg, Germany
Thomas J. Vogl, Interventional Radiologist, Frankfurt, Germany
Frank Wacker, Interventional Radiologist, Hannover, Germany
Jinsong Wang, Vascular Surgeon, Guangzhou, China
Lixin Wang, Vascular Surgeon, Shanghai, China
Anders Wanhainen, Vascular Surgeon, Uppsala, Sweden
Gireesh Mukund Warawdekar, Interventional Radiologist, Mumbai, India
Clifford Weiss, Interventional Radiologist, Baltimore, United States
Martin Werner, Angiologist, Vienna, Austria
Andrew Whyard, 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 Yousef, Vascular Surgeon, Mainz, Germany
Augusto Ya, Vascular Surgeon, Bilbao, Spain
Alexander Zimmermann, Vascular Surgeon, Zurich, Switzerland
**PROGRAMME**

**ROOM 1 – MAIN ARENA 1**

**NEW SOLUTIONS FOR COMPLEX AORTOILIAC OBSTRUCTIONS**

*Panel: Patrice Mwipatayi, Maria Antonella Ruffino, Peter Goverde, Eric Secemsky*

13:00 – 13:15

- Live case transmission from Leipzig – part I

13:00 – 14:15

New solutions for complex aortoiliac obstructions

Moderator: Dierk Scheinert

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

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

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

Following up patients with iliac occlusive disease treated with the GORE® VIABAHN® VX balloon expandable endoprosthesis – FLEX clinical study by Jean Bismuth

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

13:15 – 13:20

- Live case transmission from Leipzig – part II

13:15 – 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 Girčius, Peter Metzger

Serration angioplasty technique for better lumen gain by Christian Wissgott

Recorded case presentation: Serranator Serration balloon as primary therapy for CLI disease by Michael Lichtenberg

15:30 – 15:35

FIRST TIME DATA RELEASE:

Belstream – 12-month results of study by Koen Deloose

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

Belstream: 5-year follow-up of CERAB reconstructions: Single-center experience from the Netherlands by Koen Deloose

Centremode on CERAB reconstruction: the treatment option of AIO – Polish experiences by Zbigniew Krasinski

Improving outcomes of vascular interventions with AI by Kak Khee Yeung

Advances in intravascular imaging: Real world evidence and expert consensus by 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 by Dierk Scheinert

14:17 – 14:29

Live case transmission from Bad Krozingen

14:29 – 14:34

Discussion

14:34 – 14:39

Thrombectomy: The benefits of mechanical thrombectomy for lower limb treatment

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

14:39 – 14:46

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

14:46 – 14:51

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

14:51 – 14:58

Discussion

14:58 – 15:08

Tomorrow’s BTK treatment options – drug eluting resorbable scaffolds by Lieven Maene

15:08 – 15:13

Discussion

15:13 – 15:15

Take-home message by Dierk Scheinert
**ROOM 1 – MAIN ARENA 1**

**Monday, 6 June 2022 (cont.)**

17:15 – 19:00

Novel approaches and insights for treatment of complex femoropopliteal disease – part II

Moderators: Koen Deloose, Yann Gouëffic
Panel: Marianne Brodmann, Antonio Micari, John Laird, Gireesh Mukund Warawdekar

Optimizing PTA following atherectomy in complex lower limb lesions: 12-month results of the DISSECT study  
Michael Lichtenberg

**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  
  Angelo Cioppa

- Safety, effectiveness, and mid-term follow-up in 400 consecutive patients with moderate to severely calcified lesions undergoing phoenix atherectomy  
  Sorin Giusca

- Directional atherectomy (DA) followed by DCB to treat long, calcified femoropopliteal artery lesions: The REALITY study  
  Thomas Zeller

- EMINENT RCT (Eluvia vs. BMS): 12-month primary endpoint data and subset analysis  
  Yann Gouëffic

- MIMICS-3D 3-year results: Compelling clinical outcomes with BioMimics 3D in complex patients and lesions  
  Michael Lichtenberg

- TINTIN trial 3-year follow-up  
  Koen Deloose

- Live case transmission from Münster

- **FIRST TIME DATA RELEASE:**

- Predictors of drug-coated balloon efficacy in femoropopliteal intervention: Insights from a patient-level pooled analysis  
  Prakash Krishnan

- 5-year results from the IN.PACT global study pre-specified cohorts:  
  Antonio Micari

- Safety and efficacy of Passeo-18 Lux in long lesions: Pooled results from the BIOLUX P-III and BIOLUX P-III Spain studies  
  Marianne Brodmann

- Stellarex complex lesion subset analysis from the SAVER real world registry  
  Konstantinos Stavroulakis

**ROOM 2 – MAIN ARENA 2**

**Monday, 6 June 2022**

13:00 – 14:00

Carotid revascularisation – what is new in 2022?

Moderator: Horst Sievert
Panel: Alison Halliday, Piero Montorsi, Frans Moll, Murat Muzaffer Cuclu

- Quality assessment of carotid reconstruction – anything new from the German registry?  
  Martin Strock

- ACST II-trial: Update on latest data and clinical implications  
  Alison Halliday

- Proximal protection in CAS: The right way to go?  
  Piero Montorsi

- Improving your safety profile through proximal protection: Experiences from a high volume carotid artery stenting center  
  Horst Sievert

- Live case transmission from Milan

- TCAR: Patient selection, technique, and role in contemporary practice  
  Peter Schneider

- CAS in patients with bovine and Type III arch – a single-center experience  
  Arne Schwindt
Monday, 6 June 2022 (cont.)

**14:00 – 15:15**

**Carotid stenosis treatment: Is the puzzle complete?**
Supported by Terumo

*Moderator: Sasko Kedev*

**Panel: Richard Bulbulia, Zsolt Vajda, Koen Deloose**

**Introduction** Sasko Kedev

**14:00 – 14:03**

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

**14:13 – 14:16**

Live case transmission from Münster

**14:16 – 14:26**

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

**14:26 – 14:30**

Live in a box from Milan

**14:30 – 14:35**

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

Koen Deloose

**15:08 – 15:15**

Q&A, discussion, and conclusion

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**14:00 – 15:15**

**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  Aurangaizb 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 Panelli*

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

**Introduction by the moderator**

**15:50 – 15:53**

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  Tobias Steinke

**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

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**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**

**First Time Data Release:**

ABRE 24-month study outcomes  Erin Murphy

**18:00 – 18:05**

VIVO 3-year data  Paul Gagne

**18:10 – 18:15**

VERNACULAR (Venovo) 3-year data  Michael Dake

**18:20 – 18:25**

Venovo venous registry: 36-month data report from a real world registry  Michael Lichtenberg

**18:25 – 18:30**

Preliminary data of multi-center RCT comparing venous stenting with conservative treatment in patients with deep venous obstructions  Houman Jalaie

**18:30 – 18:40**

Anti-inflammation treatment for DVT  David Dexter

**18:40 – 18:45**

Recorded case presentation  Gerard O’Sullivan

**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**

Cost of venous leg ulcers related to deep venous disease and its implications  Raghu Kolluri

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**18:00 – 19:15**

**Carotid stenosis treatment: Is the puzzle complete?**

Supported by Terumo

*Moderator: Sasko Kedev*

**Panel: Richard Bulbulia, Zsolt Vajda, Koen Deloose**

**Introduction** Sasko Kedev

**14:00 – 14:03**

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

**14:13 – 14:16**

Live case transmission from Münster

**14:16 – 14:26**

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

**14:26 – 14:30**

Live in a box from Milan

**14:30 – 14:35**

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

**15:08 – 15:15**

Q&A, discussion, and conclusion

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**14:00 – 15:15**

**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  Aurangaizb 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

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

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AVF creation: Comparing surgical and percutaneous outcomes  Alexandros Mallios

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Health economics in covered stent management: An overview  Katarzyna Kolasa

**17:00 – 17:05**

Final Q&A and wrap up
Monday, 6 June 2022

16:00 – 17:15 Latest results from clinical trials and innovations: Carotid/Venous/AV
Moderators: Manuela Konert, Daniela Branzan

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)  Sasko Kedev

16:05 – 16:10 Intravascular lithotripsy (IVL) as new tool in calcified carotid arteries stenosis. Single-center experience – LITO–ARCH registry  Marcin Misztal

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)  Ralf Langhoff

16:15 – 16:20 Randomized controlled trial of a first-generation carotid stent vs. the micrond-covered stent: 12-month outcomes  Savr Bugurov

16:20 – 16:25 Mechanical thrombectomy for deep vein thrombosis in real-world patients: 6-month outcomes from the CLOUT registry  David Dexter

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  Michael Lichtenberg

16:30 – 16:35 Patient selection in NIVL and tips to prevent migration  Kush Desai

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  Kurtis Kim

16:40 – 16:45 Conversion of arterio-venous access of hemodialysis to arterio-arterial access for treatment of venous hypertension with central venous occlusion  Tamer Khafagy

16:45 – 16:50 Microwave ablation of varicose veins – early Egyptian experience  Sohiel Nagib

16:50 – 16:55 Will great saphenous vein crosssection 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?  Sohiel Nagib

16:55 – 17:00 SiroliMus coated angioPlasty vs. plain balloon angioplasty in the tREatment of dialySis acceSs dysfunctION (IMPRESSION)  Chee Wooi Tan

17:00 – 17:05 Long term results of Supera in the AVF junta-anastomosis  Shannon Thomas

17:05 – 17:10 Arteriovenous fistula formation with adjuvant endovascular maturation  Shannon Thomas

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
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 – rethrom 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 – NOCOUT 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 Reijngen  Panel: Michele Piazza, Christian Habermann
11:15 – 11:20 Introduction from the moderator  Michel Reijngen
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 Reijngen
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 Koppara
12:30 – 12:33 Opening/session objectives  Koen Deloose
12:43 – 12:48 Discussion
12:48 – 12:58 Below-the-knee: How intravascular imaging could make a difference  Tobias Koppara
12:58 – 13:03 Discussion
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
ROOM 1 – MAIN ARENA 1

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

*Panel: Bella Huasen, Tjun Tang, Luis Palena, Ehrin Armstrong*

*Moderator: Michael Lichtenberg*

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 Ferraressi*

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 Ferraressi*

16:55 – 17:00  
**Ultrasound based Calcium score for the identification of no option CLI**  
*Miguel Montero-Baker*

17:00 – 17:20  
**FIRST TIME DATA RELEASE:**

*Live case transmission from Leipzig*

17:20 – 17:25  
**PREMIERE:**  
*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 Kunnarasamy*

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**

ROOM 2 – MAIN ARENA 2

08:00 – 09:15  
**Interventional oncology: Hepatic interventions I**

*Panel: Bernhard Gebauer, Maciej Pech, Michael Moche*

08:00 – 08:07  
**Portal vein embolisation**  
*Rene Aschenbach*

08:07 – 08:14  
**Double venous embolization liver – interim results DRAGON I trial**  
*Bernhard Gebauer*

08:14 – 08:21  
**Combined TACE and irreversible electropropration**  
*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*

10:00 – 11:45  
**Endovascular procedures for the deep veins**

*Panel: Marzia Lugli, Narayan Karunanithy*

10:00 – 10:27  
**Armamentarium of imaging techniques for guiding interventions in the deep veins**  
*Rick de Graaf*

10:27 – 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**  
*Mehrdad Zereini*

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**
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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| 11:45 – 12:30| Think venous: The way forward through a multidisciplinary approach with proven technologies supported by BD  
Moderator: Stephen Black  
Panel: Romani Loffroy, Michał-Goran Stanisić, Efthymios Avgerinos, Houman Jalaie, Oliver Schlager |
| 11:50 – 11:58| Keeping the patient at the centre of this journey – a multidisciplinary approach  
Romani Loffroy |
| 11:50 – 11:58| Recorded case presentation: How to avoid thrombolysis in iliofemoral DVT and the advantage of pure mechanical thrombectomy  
Michał-Goran Stanisić |
| 11:58 – 12:06| Identifying the right patient for venous stenting: Who, when, and how?  
Efthymios Avgerinos |
| 12:06 – 12:14| Antithrombotic treatment after venous stenting and an update  
Houman Jalaie |
| 12:14 – 12:20| Anticoagulation therapy and catheter-directed thrombolysis in patients with extensive chronic venous obstruction  
Oliver Schlager |
| 12:14 – 12:20| Recorded case presentation: A new era in thrombus removal: ClotTriever as the first-choice device  
Michael Lichtenberg |
| 12:20 – 12:30| FlowTriever thrombectomy for intermediate risk PE patients – initial experience  
Felix Mahfoud |
| 12:20 – 12:30| Recorded case presentation: PVR-TIPSS-translienal portal vein recanalisation – indications, technique, results  
Maciej Pech |
| 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| CLOT 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: Oliver Schlager, Sigrid Nikol  
Panel: Robert Lookstein, Kenneth Rosenfield, Bruno Freitas, Houman Jalaie |
| 13:30 – 13:50| Recorded 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| Recorded 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, Nikolas 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  
Nikolas 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 Teichgraber  
Panel: Frank Wacker, Daniel Nißler |
| 17:00 – 17:10| Hepatic wedge pressure measurement – indications, materials, and technique  
Daniel Nißler |
| 17:10 – 17:20| TIPSS – register study DeGIR  
Frank Wacker |
| 17:20 – 17:40| PVR-TIPSS-translienal portal vein recanalisation – indications, technique, results  
René Aschenbach |
| 17:40 – 17:50| Recorded case presentation: PVR-TIPSS-translienal portal vein recanalisation – indications, technique, results  
Maciej Pech |
**ROOM 3 – SPEAKERS’ CORNER**

**Tuesday, 7 June 2022**

**08:30 – 09:45** Latest results from clinical trials and innovations  
*Moderators: Thomas Zeller, Angelo Cioppa*

08:30 – 08:35 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*

08:35 – 08:40 IO REACT pilot study: 12-month outcomes  
*Michael Lichtenberg*

08:40 – 08:45 Treatment of ISR lesions with the Pantheris atherectomy catheter  
*Michael Lichtenberg*

08:45 – 08:50 Stent monitoring with the vessel sense flow measurement  
*Michael Lichtenberg*

08:50 – 08:55 Hemodynamic assessment of peripheral artery stenosis by FFR and RFR  
*Christian Erbel*

08:55 – 09:00 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  
*Stefano Barco*

09:00 – 09:05 Clinical usage of the GPX embolic device in peripheral applications  
*Andrew Holden*

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  
*Enrico Marone*

09:10 – 09:15 Smart and sensing endovascular robot SENTANTE  
*Tomas Baltrunas*

09:15 – 09:20 CaveoVasc® protection system to reduce bleeding complications during catheter directed thrombolysis – results from the first in men study  
*Thomas Zeller*

09:20 – 09:25 Efficacy of fusion imaging in endovascular revascularisation of the femoral-popliteal artery  
*Makoto Haga*

09:25 – 09:30 PRIZER: Multicentre study with Renzan™ stent for endovascular interventions in femoropopliteal area (NCT04546477)  
*Koen Deloose*

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 Ramous*

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 infrainguinal arterial angioplasty  
*Nikhil 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 – 11:20 Femoro-popliteal bypass vs. interwoven biomimetic nitinol stents in the prolonged occlusions of the femoro-popliteal segment: A propensity matched analysis

11:20 – 11:25 Results of hybrid revascularisation fasciotomy plus drug eluting stent of prolonged lesions of the femoral-popliteal segment

11:25 – 11:30 Endovascular recanalization with stenting vs. remote endarterectomy for the superficial femoral artery total occlusive lesions:

11:30 – 11:35 Comparison of clinical outcome between low-dose and high-dose Paclitaxel drug-coated balloon in endovascular therapy for femoropopliteal lesion:

11:35 – 11:40 Korean multicenter prospective registry of In.PACT drug-coated balloon for popliteal artery disease (K-POP study): Preliminary results

11:40 – 11:45 2-year results of the RANGER II SFA randomized trial

11:45 – 11:50 Intravascular lithotripsy for the treatment of calcified peripheral artery disease in patients on hemodialysis

11:50 – 11:55 MIMICS-3D: 3-year clinical outcomes for the BioMimics 3D stent in a real-world population

11:55 – 12:00 Mechanical atherothrombectomy reduces plaque burden and improves endothelial function in peripheral artery disease

12:00 – 12:05 NITIDES™: Sirolimus self-exp DES technology and clinical study update

12:05 – 12:10 Cost of reintervention following femoropopliteal artery revascularisation with drug eluting compared with bare metal stents among united states medicare beneficiaries

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

12:15 – 12:20 Latest insights from the COMPARE study on low-dose versus high-dose PCB: 3 year results and TLR characteristics

12:20 – 12:30 Discussion and conclusion

12:32 – 12:44 Current state of CLI in Europe – guidelines on diagnosing, treating, and patient selection

12:44 – 12:56 Tibia-pedal artery access — when and how to use it?

12:56 – 13:08 CLI strategies and case management

13:08 – 13:15 Q&A and take home message

13:30 – 13:45 Application of the GoBack™ crossing catheter in endovascular revascularisation of chronic total occlusion in patients with chronic limb threatening ischemia

13:45 – 13:50 Mid-term outcomes of directional atherectomy in femoropopliteal artery disease


13:55 – 14:00 Comparative characteristics of the results of repeated endovascular surgery in patients with occlusion of autogenous femo-general bypass

14:00 – 14:05 Intravascular lithotripsy in calcified peripheral lesions: The real-world single-center JEN-experience

14:05 – 14:10 Korean multicenter prospective registry of IN.PACT drug-coated balloon for popliteal artery disease (K-POP study): Preliminary results

14:10 – 14:15 Primary patency rate of native vessel revascularisation after failed femoropopliteal bypass surgery

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

14:20 – 14:25 Revascularisation in acute ischemia in patients with SARS-CoV-2

14:25 – 14:30 Paclitaxel blood concentration after peripheral DCB PTA evaluated by HPLC (High Pressure Liquid Chromatography)

14:30 – 14:35 New safety and effectiveness data of Luminor DCB at 5-year: EFFPAC TRIAL

14:35 – 14:45 Discussion and conclusion
14:45 – 16:00  Challenging cases and complications: PVD/Iliac/SFA/Visceral/Renal
Moderators: Hans Krankenberg, Martin Werner
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  
George Kouvelos
14:50 – 14:55  The “needle bypass” technique: Percutaneous anatomical bypass with needle rendezvous for patients with peripheral arterial disease that have no other surgical options  
Takuya Haraguchi
15:00 – 15:05  An innovative technique for aorto-iliac revascularisation: MISC-AB – Mini-Invasive Sutureless and Clampless Aortic Bypass  
Pierre Sarradon
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  
Ayman Zyada
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  
Viktoria Muster
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  
Ayman Khalil
15:20 – 15:25  The “needle re-entry” technique for infrainguinal arterial calcified occlusive lesions  
Takuya Haraguchi
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  
Andrey Ivanov
15:30 – 15:35  Staged treatment for pancreaticoduodenal artery aneurysm with celiac artery revascularisation: Case report and systematic review  
Baker Ghoneim
15:35 – 15:40  Nutcracker syndrome: Intravascular ultrasound guided treatment  
Juan Manuel Telayna
15:40 – 15:45  Goldblatt kidney – a stitch in time saves nine  
Krishnakishore Gayal
15:45 – 16:00  Discussion and conclusion

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  Two level angioplasty of critically stenosed left carotid artery with proximal neuroprotection and use of intravascular lithotripsy catheter (IVL)  
Marcin Misztal
16:25 – 16:30  TCAR and intravascular lithotripsy: An effective combination treatment for carotid artery stenosis  
Jessica Efird
16:30 – 16:35  A rare case of post-traumatic high-flow priapism requiring endovascular salvage with bilateral superselective microcoil embolization  
Aman Berry Williams
16:35 – 16:40  Pain in the neck: Urgent microcoil embolization of a ruptured thyrocervical trunk  
Aman Berry Williams
16:40 – 17:00  Discussion and conclusion
11:00 – 11:45

**Latest techniques for carotid revascularisation**
Moderator: Dierk Scheinert
Panel: Piotr Musialek, Matteo Stefanini, Ralf Langhoff, Flavio Airola
- 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

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
Andrea Kahlberg
12:32 – 12:39 Amphiphilimus™: 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 NIIT/DES™ solution Andrea Kahlberg
Focus on BTK
12:53 – 13:07 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
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: Alok Finn, Edward Choke, Ulf Teichgraber, Francesco Listro, Sahil Parikh, Stefano Barco
14:45 – 14:52 Is Sirolimus is a better option for PAD treatment Alok 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 Teichgraber
15:22 – 15:35 DEBATE BTK duell study design and case presentation with FU Francesco Listro
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
The cost of CLTI: How many amputations occur each year and what is the cost to the patient and society? Joshua Beckman
What is new in imaging, functional assessment, and perfusion monitoring? Tony Das
Emerging trends: Models for team care, standardizing wound management, and best practices for long-term care Raghu Kolluri
Discussion
Part II: New interventional approaches in CLTI
Panel: Luis Palena, Venita Chandra, Koen Deloose, Ralf Langhoff, Roberto Ferraresi
Live case transmission from Kingsport, USA
How BTK alternative access techniques have changed my practice Saher Sabri
Specialty balloons and atherectomy for BTK application: How to apply these for optimal lumen gain Venita Chandra
Drug-coated balloons BTK: What is the evidence for Paclitaxel? Chris Metzger
Current and future BTK scaffolds: Tacks, stents, and other novel scaffolds for BTK application Niten Singh
Alternative bypass techniques: Endovascular deep venous arterialization and detour procedures – where are we so far? Peter Schneider
Discussion
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 – 09:00

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
Presentation of the internal iliac artery: The CALIBER 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

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

10:15 – 11:15
The challenging infrarenal neck: Technical solutions and insights
Moderators: Hence Verhagen, Vicente Riambau
Panel: Stefano Fazzini, Jean-Paul de Vries, Giovanni Torsello, Jorge Fernández Noya

10:15 – 10:20
Results from Zephyr study
Dittmar Böckler

10:20 – 10:25
Clinical update and lessons learned when treating challenging necks: Outcomes of the EXCel registry
Marc van Sambeek

10:25 – 10:30
AAA sac regression after 5 years: insights from the GREAT registry
Raghuram Lakshminarayan

10:30 – 10:35
FIRST TIME DATA RELEASE:
Renal function after stentgraft treatment of abdominal aneurysm: The RENOFOX, a randomized clinical study
Per Skoog

10:35 – 10:40
ADVANCE: A novel RCT comparing sac dynamics in Medtronic and Gore EVAR devices
Hence Verhagen

10:40 – 10:45
Proximal aortic neck angulation and AAA outcomes: Learnings and considerations
Giovanni Torsello

10:45 – 10:50
A new era for ChEVAR: How the PROTAGORAS 2.0 study can predict sizing and planning optimization
Stefano Fazzini

10:50 – 10:55
ChEVAR: A true success story ... if you do it right
Konstantinos Donas

10:55 – 11:00
Stabilizing high-risk seal zones: Mid-term EndoAnchor experience
Luis Mariano Ferreira

11:00 – 11:05
ESAR provides long-term durability in challenging proximal necks: 5-year results from the global ANCHOR study
Jean-Paul de Vries

11:05 – 11:10
ESAR and FEVAR: How can evidence support tailored treatment of hostile neck AAAs
Giovanni Torsello

11:10 – 11:15
Discussion and conclusion

11:15 – 12:30
Zenith® t-Branch® a well-established choice to treat TAAAs
supported by COOK Medical
Moderator: Tim Resch
Panel: Alexander Zimmermann, Tilo Kölbel

11:15 – 11:20
Welcome from the moderator

11:20 – 11:30
Technical features carry technical success
Alexander Zimmermann

11:30 – 12:00
Live case transmission from Hamburg

12:00 – 12:10
Standardizing complex procedures to optimize outcomes
Tilo Kölbel

12:10 – 12:15
Live case transmission from Hamburg

12:15 – 12:30
Q&A, discussion, and conclusion
**LUNCH SYMPOSIUM: From data to everyday practice with Advanta V12:**

**Supported by Getinge**

**Moderator:** Tilo Kölbel

Panel: Andrej Schmidt, Jean-Paul de Vries, Lorenzo Patrone

**12:30 – 12:35 Introduction**  
Tilo Kölbel

**12:35 – 13:15 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**

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**Tailoring complex endovascular repair with off-the-shelf solutions**

**Supported by Medtronic**

**Moderator:** Vicente Riambau

Panel: Jean-Paul de Vries, Konstantinos Donas, Andrés Reyes Valdivia

**13:30 – 13:33 Welcome and introduction**  
Vicente Riambau

**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 Riambau

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**Latest solutions for endovascular thoracoabdominal aortic repair**

**Supported by Artivion**

**Moderator:** Tim Resch

Panel: Vladimir Makaloski, Sébastien Dégilse, 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 Dégilse

**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

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**Addressing abdominal complexities with custom solutions**

**Supported by Terumo Aortic**

**Moderator:** Piotr Szopiński

Panel: Kak Khee Yeung, Jürgen Falkensammer

**15:30 – 15:35 Introduction**  
Piotr Szopiński

**15:35 – 15:45 Next generation lower profile fenestrated device graft – initial feedback**  
Kak Khee 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**

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**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**
Wednesday, 8 June 2022

ROOM 3 – SPEAKERS’ CORNER

08:30 – 09:45

Latest results from clinical trials and innovations
Moderators: Francesco Listro, Jos van den Berg

08:30 – 08:35
Natural progression of high-risk chronic limb-threatening ischemia:
The Clariti study  Anahita Dua

08:35 – 08:40
Results of the Prelude BTK study: Novel serration angioplasty balloon
for the below-the-knee arteries  Michael Lichtenberg

08:40 – 08:45
Update on the DEEPER LIMUS trial: The temporary Spur stent system in conjunction
with a Sirolimus-coated balloon  Marianne Brodmann

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 –
Amsberg experience  Michael Lichtenberg

08:50 – 08:55
Clinical risk associated with contrast angiography in metformin treated diabetes
patients  Manuela Konert

08:55 – 09:00
Balloon assisted retrograde puncture of distal vessels in poor candidates for
a conventional transpedal approach  Marta Lobato

09:00 – 09:05
Totally percutaneous arterialization of the foot trough the superficial dorsal venous
system – SuperSaVe-technique  Bruno Migliara

09:05 – 09:10
The Limus-Coated temporary Spur stent system: DEEPER drug therapy
for infrapopliteal disease  Jihad Mustapha

09:10 – 09:15
Real-world performance of Novel Shock Wave wire in complex CTO lesions
Marianne Brodmann

09:15 – 09:20
The needle rendezvous technique: The needle guidewire externalization technique
using a needle without inserting microcatheter  Masanaga Tsujimoto

09:20 – 09:25
Multi-site tibial intervention procedure using XO cross microcatheters in triaxial
support configuration including wireless microcatheter navigation  Richard Saxon

09:25 – 09:30
MOTIV bioresorbable BTK scaffold pilot study: Preliminary results through 6 months
Thomas Rand

09:30 – 09:45
Discussion and conclusion

09:45 – 11:00

Latest clinical data and original research papers: Interventions in CLTI – part I
Moderators: Luis Palena, Katja Mühlberg

09:45 – 09:50
Retrograde tibial access for revascularisation of long chronic total occlusion
in patients with chronic limb threatening ischemia  Amit Talmon

09:50 – 09:55
Comparative study between negative pressure wound therapy and
standard moist wound dressing  Mina Gamil

09:55 – 10:00
New strategy for reducing adverse cardiac events and improving survival
of patients with chronic limb-threatening ischaemia  Dainis Krievins

10:00 – 10:05
Factors predicting adverse outcomes for patients with chronic limb threatening
ischaemia and infra-popliteal disease  Terri-Ann Russell

10:05 – 10:10
Management of Buerger’s disease in endovascular era  Baker Ghoneim

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  Katharina Guti

10:15 – 10:20
Interim analysis results of PiPeR-registry prospective monocentric study
on totally percutaneous foot veins arterialization  Bruno Migliara

10:20 – 10:25
Revascularisation of target artery path is a substantial way for salvage
of critical limb ischemia  Ahmed Sakr

10:25 – 10:30
Toe blood flow pattern just after pedal arch angioplasty and foot prognosis
in the CLTI patients  Kuniyoshi Fukai

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  Tatsuya Nakama

10:35 – 10:40
4-year follow-up of bioresorbable vascular scaffolds in severe infra-popliteal
arterial disease  Atman Shah

10:40 – 10:45
The cost effectiveness of deep vein arterialization  Peter Schneider

10:45 – 10:50
Cre8™BTK clinical results in below-the-knee complex patients  Marc Sirvent

10:50 – 11:00
Discussion and conclusion
11:00 – 12:30
Latest clinical data and original research papers: AV access and venous
Moderators: Houman Jalaie, Steven Black
Outcome of angioplasty of occluded arteriovenous fistula for hemodialysis: Single centre experience  
Baker Choneim
The significant related factors and 24-month intervention outcomes in Type-1 and non-Type 1 thoracic central vein obstruction in hemodialysis patients  
Poj Lapasampanno
XperCT facilitates sharp recanalisation for the treatment of chronic thoracic venous occlusive disease in hemodialysis patients  
Bin Chen
Timing RSVP (Reperfusion symptoms to vein patency) in lower limbs large veins  
Juan Manuel Telayna
Angiojet catheter directed thrombolysis for massive and submassive PE  
Naomi Anning
Clot burden reduction after aspiration thrombectomy in main vs. branch pulmonary artery emboli: A subgroup analysis of the EXTRACT-PE trial  
Salah Qanadli
McClure’s syndrome the overlooked cause of swollen upper limb, completion venoplasty is the key word for successful surgical decompression  
Ahmed Allam
Radiofrequency ablation for markedly incompetent perforators vs. compression therapy in post-phlebitic venous ulcers: A randomized controlled trial  
Mohammed Shukry
Transcatheter embolo-sclerotherapy of high flow arteriovenous malformations  
Ehab Saad
Clinical update on a novel venous stent  
Michael Lichtenberg
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
14:45 – 16:00  Challenging cases and complications: AV access and venous
Moderators: Panagiotis Kitrou, Ounali Jaffer
14:45 – 14:50  Massive hemothorax after sharp transeptal needle recanalisation of chronic right brachiocephalic venous occlusion with successful endovascular correction
Panat Nisityotakul
14:50 – 14:55  Migration of stent placed in the left pulmonary vein into the iliac bifurcation
Nancy Coraizaca
14:55 – 15:00  The outside-in double snare technique to treat long central venous occlusion
Wanchai Chinchalongporn
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
Kurtis Kim
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
Maria Antonella Ruffino
15:10 – 15:15  Great veins program: Do we have everything it takes?
Juan Manuel Telayna
15:15 – 15:20  Percutaneous thrombectomy of supra-inferior vena cava filter thrombosis
Momodou Jammeh
15:20 – 15:25  Dual pathway through femoral vein and urinary catheter for endovascular treatment of internal iliac vein injury
Konstantinos Spanos
15:25 – 15:30  Inferior vena cava filter thrombosis: 10 years experience
Ayman Fakhry
15:30 – 15:35  Inferior vena cava tear
Bhaskar Prushottam
15:35 – 15:40  Endovascular retrieval of cement intracaval and in the common iliac vein: A fishing net technique
Shuaib Akifi
15:40 – 15:45  Epithelioid hemangiomata of inferior vena cava: Initial catheter directed thrombolysis unmask the diagnosis
Tamer Khafagy
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
Kanin Pruekprasert
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  Infected EVAR & TEVAR after endovascular repair of impending rupture TAAA: The good, the bad and the ugly
Samer Kousayer
16:10 – 16:15  How to do it: Chimney endovascular aneurysm repair (ChEVAR) of an abdominal aortic aneurysm associated with crossed fused renal ectopia
Luis Fernando Garcia
16:15 – 16:20  Endovascular repair of complex aortic aneurysms using physician-modified stent-graft with inner branches
Tsuyoshi Shibata
16:20 – 16:25  Challenges and considerations associated with transfemoral Zone 0 hybrid arch repair: Report of 2 cases
James Ebaugh
16:25 – 16:30  Emergency treatment of a symptomatic juxtarenal AAA after EVAR migration
Daniele Pennica
16:30 – 16:35  Embolization of gutter-related Type Ia endoleak after chimney TEVAR via non-thrombosed vascular plug at left subclavian artery
Chinapath Vuthivanich
16:35 – 16:40  Endovascular and hybrid aortic arch operations: A single-center experience
Nikolay Susanin
16:40 – 16:45  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
16:45 – 16:50  Aortic transection – a case series
Rita Garcia
16:50 – 16:55  Discussion and conclusion
mediAVentures is the supplier for the LINC courses. All the live cases are coordinated by mediAVentures crew. Transmission is done fully over IP, with the latest video standards supporting 4K live surgery. The latest LED technology ensures that on-site participants see the medical images in the best possible quality. On-site and online participants join together using mediAVentures’ proprietary hybrid live-events platform. Interactive panel and audience participation, be it in the venue or online, innovative display techniques and a first-class conference support create a unique teaching experience, making LINC the most comprehensive interventional course available today.
ROOM 1 – MAIN ARENA 1

Thursday, 9 June 2022

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 Saga, 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

08:15 – 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
The cost of endovascular limb preservation vs. amputation
Marianne Brodmann
09:40 – 09:53
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 Saga, Luis Palena, Michael Lichtenberg
■ Live case recap from first session
10:30 – 10:35
ACOART-BTK: 3-year clinical outcome  Francesco Liistro
10:35 – 10:40
Current status and future of limus based drug coated balloons in the infrapopliteal arteries  Ehrin Armstrong
10:40 – 10:45
Latest evidence for focal dissection repair with the Tack endovascular scaffold: Reviewing the 2-year TOBA II BTK data  Michael Lichtenberg
10:45 – 10:50
When to stent tibial arteries: Update on abluminus sirolimus eluting stent trial  Edward Choke
10:50 – 10:55
SAVAL DES BTK: Current status  Jihad Mustapha
10:55 – 11:00
Current technology for BTK scaffolds  Brian DeRubertis
11:00 – 11:05
Bioresorbable scaffolds for BTK interventions (LIFE-BTK)  Sahil Parikh
11:05 – 11:10
R3 vascular drug-eluting bioresorbable scaffold in below-the-knee vessels: Interim results from the RESOLV-I trial  Marianne Brodmann
11:10 – 11:15
Q&A, discussion, and conclusion
Thursday, 9 June 2022

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: Tjun Tang
Panel: Edward Choke, Gireesh Reddy, Chieh Suai Tan, Sanjay Mishra
11:15 – 11:27 Advantages of Sirolimus over Paclitaxel for the treatment of AVF/AVG stenosis
Aloke Finn
11:27 – 11:37 MATILDA 2 year follow up presentation and case presentation Tjun Tang
11:37 – 11:44 Complex cases presentation AVG Chieh Suai Tan
11:44 – 11:51 2-year follow up on AVF in salvage of AVG study Chieh Suai Tan
11:51 – 11:58 Updates on IMPRESSION RCT and study design presentation Chieh Suai Tan
11:58 – 12:05 Complex cases presentation AVF Gireesh Reddy
12:05 – 12:12 Magic Touch AVF – US FDA Study Design Sanjay Mishra
12:12 – 12:27 Panel discussion
12:27 – 12:30 Conclusion Tjun Tang

12:30 – 13:25 LUNCH SYMPOSIUM: Innovations and new applications of embolization therapies
Moderators: Walter A. Wohlgemuth, Romaric Loffroy
Panel: Costantino del Giudice, Gloria Salazar, Ripal Gandhi,
Clifford Weiss, Manuela Konert
12:30 – 12:35 Management of endoleaks via transarterial embolization with Onyx 34L
Arne Schwindt
12:35 – 12:40 Contemporary peripheral aneurysm management: Techniques with fibered coils
and micro vascular plugs Ripal Gandhi
12:40 – 12:50 Recorded case presentation Andrej Schmidt
12:50 – 12:55 French SEAL registry: Type II EndoLeak treatment outcomes using EVOH
Costantino del Giudice
12:55 – 13:00 Pulmonary AVMs: Deep dive into new data and guideline updates
Clifford Weiss
13:00 – 13:05 Using liquids in trauma cases: Application of Onyx LES Romaric Loffroy
13:05 – 13:10 Embolic selection for hemorrhoids: New application for coil technology
Gloria Salazar
13:10 – 13:15 The CHRYSALIS study: First experience with the Caterpillar embolization device
Andrew Holden
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 Gowerde

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 Angioline BTK trial: 2-year data in CLTI Peter Gowerde
14:10 – 14:15 Biblios 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
WavelinQ™ EndoAVF global clinical program, new and available evidence Panagiotis Kitrou
15:00 – 15:07 Recorded case with WavelinQ™ EndoAVF system: The antiparallel option Ounali Jaffer
15:07 – 15:14 Recorded case with WavelinQ™ EndoAVF system: The parallel option Fien Gryffroy
15:21 – 15:28 Panel discussion
15:28 – 15:45
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
08:00 – 09:15  Endovascular aortic repair for acute aortic syndromes  
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 Köbel, 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 Gomez 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  
Stéphan 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 Köbel  
10:55 – 11:00  Hybrid repair still remains a good option for aortic arch pathology  
Vicente Riambau  
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 Riambau, Theodosios Bisdas  
Panel: Marc van Sambeek, Stephen Cheng, Dittmar Böckler, Giovanni Torsello  
Early clinical experience with the new Ankura Thoracic stent graft  
Theodoros Kratimenos  
11:05 – 11:10  Initial experience using in-situ-fenestration of the aortic arch pathologies  
Marwan Youssef  
11:10 – 11:15  Validation of TEVAR results across multiple diseases: A French experience  
Hervé Rousseau  
11:15 – 11:20  Management and treatment of patients with blunt trauma aortic injury:  
5-year results from the RESCUE trial  
Ali Azizzadeh  
11:20 – 11:25  Long-term TEVAR performance in the dynamic TAA pathology  
Giovanni Tinelli  
11:25 – 11:30  Stroke rate after thoracic endovascular aortic repair using de-airing of stentgrafts with high-volume of saline solution  
Daniela Branzan  
11:30 – 11:35  Prevention of air-embolism using carbon dioxide flushing:  
What is the evidence?  
Tilo Köbel  
11:35 – 11:40  Discussion and conclusion
supported by Philips
Moderator: Bijan Modarai
Panel: Qasam M. Chulam, Geert Willem Schurink, Barend Mees
Introduction by the moderator
12:30 – 12:35
12:35 – 12:45 Improving outcomes of complex aortic procedures using advanced imaging techniques Barend Mees
Q&A
12:45 – 12:48 Improving AAA measurement accuracy using innovative Ultrasound 3D volume model automation and xMATRIX Qasam M. Chulam
12:48 – 13:01 Q&A and conclusion
13:01 – 13:11 The use of Fiber Optic RealShape (FORS) technology in various aortic interventions Geert Willem Schurink
Q&A 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 Endovascet
Moderators: Weiguo Fu, Alexander Zimmermann
Panel: Nilo Mosquera, Raghuram Lakshminarayan
Introduction
14:30 – 14:32
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
The natural history of chronic aortic dissections with and without TEVAR: Implications for repair considerations Stephen Cheng
How to handle specific anatomies in PDAAA Eric Verhoeven
The Zenith TX2 dissection endovascular graft: Results of a dedicated dissection stent-graft from a European registry Bijan Modarai
GORE® EXCLUDER® Thoracoabdominal Branch Endoprosthesis: First European clinical experience Mohammad Hamady
Live case transmission from Hamburg
Results of false lumen occlusion using the Candy-Plug: A European experience Ahmed Eleshra
Symptomatic aneurysm of the left subclavian artery’s ostium. Endovascular technique with CERA plug Luis Miguel Salmerón Febres
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
Endovascular repair options in chronic aortic dissection Kyriakos Oikonomou
Discussion and conclusion

16:30 – 17:15 Aortic repair in genetic and congenital aortic syndroms
Moderators: Tilo Kölbl, Kyriakos Oikonomou
Panel: Ahmed Eleshra, Meike Rybczynski
Overview of genetic aortic syndromes Meike Rybczynski
Single-center results of endovascular repair in patients with Marfan Syndrome Ahmed Eleshra
Latest results on the treatment of CoA with large diameter balloon expandable covered stents Kyriakos Oikonomou
Discussion and conclusion
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 multibranch stent grafts in the treatment of thoracoabdominal aneurysms: Early results of the CONNECT investigation  
Markus Wagenhäuser

08:40 – 08:45  Multi-layer 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)  
Osmam 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  Our initial experience with the novel thoracic Ankura stent graft  
Juan Antonio Margarit Calabuig

09:05 – 09:10  Discussion and conclusion  

10:15 – 10:20  Mycotic aortic aneurysm rupture exposing the spine  
Rita García

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  
Emmanouil Barmapetros

10:30 – 10:35  A complex thoracoabdominal aortic aneurysm managed by endovascular grafts and four chimneys  
Ashjan Ahmed

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 aorta-enteric fistula  
Anoop Ayappan

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 – 11:20  Optimal timing of TEVAR for Type B aortic dissections: A systematic review and meta-analysis  
Erin Sariciliar

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  
Yousef Shahin

Veera Suwanruangsri

11:30 – 11:35  Meta-analysis of the crossed vs. standard limb configuration in endovascular aneurysm repair  
Nada Yaser

11:35 – 11:40  Elusive endoleaks: What scan will stop a rupture?  
Aman Berry Williams

11:40 – 11:45  Preliminary results from an Italian national registry on the outcomes of the semi-custom-made Najeta fenestrated aortic arch endograft  
Giacomo Isernia

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)  
Manuela Konert

11:50 – 11:55  Ultrasound-guided vs. conventional MANTA vascular closure device deployment after transcatheter aortic valve replacement  
Hirokazu Miyashita

11:55 – 12:00  Occlusion of an existing wide and patent IMA prior to EVAR may contribute to the development of post-EVAR fever  
Konstantinos Spanos

12:00 – 12:05  Comparison of a steerable sheath in exclusively femoral access vs. upper extremity access in branched endovascular aortic repair  
Sven Hauck

12:05 – 12:10  Impact of vascular access site complications for long-term mortality after transfemoral transcatheter aortic valve implantation (t-TAVI) in a real-world setting  
Sven Möbius-Winkler

12:10 – 12:15  The evolving management of ruptured abdominal aortic aneurysms: An Australian centre experience  
Anoosha Aslam

12:15 – 12:20  The versatile altura aortic endograft demonstrates excellent 5-year outcomes  
Dains Krievins

12:20 – 12:25  Early outcomes of a new generation covered stent in branched endovascular repair of thoracoabdominal aneurysms  
Said Abisi

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

Erin Saricilar

13:35 – 13:40  Finding the appropriate technique for planning the stent-graft lengths in PRETEVAR CT  
Anoop Ayyappan

Paola Scrivere

Ahmed Eleshra

13:50 – 13:55  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

13:55 – 14:00  The necessity to seal the re-entry tears of aortic dissection after TEVAR: A hemodynamic indicator  
Duanduan Chen

14:00 – 14:05  The use of high-fidelity simulators in assessing endovascular surgical competence  
Erin Saricilar

14:05 – 14:10  Systematic review and meta-analysis of thoracic endovascular aortic repair of Type B aortic dissection in mainland China  
He Yue Jia

14:10 – 14:15  Spinal cord ischemia prevention through hypogastric and inferior mesenteric artery preservation during complex endovascular aortic procedures  
Lucia Di Stefano

14:15 – 14:20  Abdominal aortic aneurysm sac healing with a bioabsorbable shape memory polymer  
Michel Reijnen

14:20 – 14:45  Discussion and conclusion
Electronic posters will be displayed from 08:00 – 18:00 in front of the Speakers’ Corner

**PROGRAMME**

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

*Amaud Kerzmann*

09:35 – 09:40
Trans dorsalis pedis accesses for superficial femoral artery stunting is another alternative approach for bail-out cases

*Khadijah Alhussaini*

**SCIENTIFIC POSTERS**

**Tuesday, 7 June 2022**

09:00 – 09:40
**Moderated poster round**

Challenging cases: Venous, AV, Visceral

*Jurors: Panagiotis Kitrou, Tobias Hirsch*

09:00 – 09:05
Alternative surgical techniques to rescue arteriovenous accesses for hemodialysis

*Elisa Peretti*

09:05 – 09:10
Endovascular recanalisation of failing arteriovenous fistula with complex anatomy

*Yujin Kwon*

09:10 – 09:15
When Fasciotomy is needed in extensive left iliofemoral deep vein thrombosis – case report

*Ayman Fakhry*

09:15 – 09:20
Catheter directed-thrombectomy with the JETi8 in the treatment of acute superior vena cava syndrome, a case report

*Laure Marie Arts*

09:20 – 09:25
Endovenous microwave ablation of great saphenous vein in the treatment of acute superficial venous thrombosis: A case report

*Sohiel Nagib*

09:25 – 09:30
Saving a patient with massive bowel necrosis following undiagnosed acute mesentric ischemia: A case report

*Ayman Khalil*

11:00 – 11:30
**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*

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

*Laure Marie Arts*

11:20 – 11:25
Endovenous microwave ablation of great saphenous vein in the treatment of acute superficial venous thrombosis: A case report

*Sohiel Nagib*

11:25 – 11:30
Saving a patient with massive bowel necrosis following undiagnosed acute mesentric ischemia: A case report

*Ayman Khalil*
Electronic posters will be displayed from 08:00 – 18:00 in front of the Speakers’ Corner

13:00 – 13:45
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
Traumatic brachial artery pseudoaneurysm
Nasser Algharem

13:20 – 13:25
Sirolimus-eluting balloon PTA for in-stent restenosis of carotid artery stents – first in men results
Silke Hopf-Jensen

13:25 – 13:30
Complex CERAB in fragile female patient
Elisa Peretti

13:30 – 13:35
Spontaneous isolated common iliac artery dissection in young adult
Elisa Peretti

13:35 – 13:40
The unusual acute limb ischemia, caused by impingement of external iliac artery by pelvic tumor
Suteekhanit Hahtapornsawan

13:40 – 13:45
Endovascular treatment of the renal artery in a young kidney transplant patient with high risk of graft loss
Antonio García de Vargas

15:00 – 15:45
Moderated poster round
Original research: BTK, Femoral, PVD, SFA
Jurors: Francesco Liistro, Thomas Zeller

15:00 – 15:05
Results of endovascular arterial treatment in flexion area
Juan Manuel Telayna

15:05 – 15:10
Percutaneous recanalisation of very long femoro-popliteal chronic total occlusions
Vincent Demesmaker

15:10 – 15:15
Usefulness of vertical femoral artery puncture with antegrade approach in endovascular therapy
Katsutoshi Takayama

15:15 – 15:20
Dose management capabilities of digital variance angiography: 70 % decrease of DSA-related radiation exposure in lower limb x-ray angiography
István Góg

15:20 – 15:25
Diagnostic performance of digital variance angiography in reduced radiation lower limb examinations
István Góg

15:25 – 15:30
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

15:30 – 15:35
The primary patency in endovascular treatment of femoropopliteal lesions with Eluvia Paclitaxel-Eluting stent: Single-centre experience
Annarita Dapoto

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 pharmacochemical thrombectomy compared with catheter-directed thrombolysis
Rafael de Athayde Soares
09:00 – 09:45
Moderated poster round
Original research: EVAR
Jurors: Peter Goverde, Vicent Riambau

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
Iliac bifurcation reconstruction as completion in TAAAs endovascular treatment using Endologix AFX
Dario Palermo

09:10 – 09:15
Radiation doses during EVAR: The transition to a hybrid room
Dorely Tanaya Martinez Del Carmen

09:15 – 09:20
Monocentric retrospective study about median term remodeling of visceral aortic segment in complicated panaortic dissections treated with hybrid delayed procedure (TEVAR and infrarenal fenestration)
Elisa Peretti

09:20 – 09:25
Early single-site experience with the new low profile MINOS abdominal stent-graft system, in patients with difficult aortoiliac anatomy
Grzegorz Oszkinis

09:25 – 09:30
Fixing bridge technique combining distal covered self-expandable with proximal balloon expandable stent-graft in case of branched endografting
Lucia Di Stefano

09:30 – 09:35
Off-the-shelf stent grafts implantations as the solution for treatment of some aorta and iliac artery aneurysms
Maciej Nowacki

09:35 – 09:40
Mid term and long term results of covering entry tears in Type B aortic dissections
Pavan Bellala

09:40 – 09:45
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

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
Aortoesophageal 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 sciatric artery aneurysm
Hassam Elwakeel

11:50 – 11:55
Ortner’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

**Wednesday, 8 June 2022 (cont.)**

**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 Algharem*

**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 Ropero*

**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 hypogastic 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*

**SCIENTIFIC POSTERS**

**Thursday, 9 June 2022**

**09:00 – 10:00**

**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 ACESS in chronic kidney disease patients

*Mohamed 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

*Panagiota 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**

Predictive factors of venous stenting failure: A systematic review

*Ana Carolina Semião*

**09:30 – 09:35**

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

*Ayman Fakhry*

**09:35 – 09:40**

Dedicated venous stent in chronic venous disease: Single centre experience

*Mattia Mirandola*

**09:40 – 09:45**

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

*Mohamed Farag*

**09:45 – 09:50**

Microwave ablation of varicose veins – early Egyptian experience

*Sohiel Nagib*

**09:50 – 09:55**

Endovascular management of visceral aneurysms: Our results with different techniques

*Dario Palermo*

**09:55 – 10:00**

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

*Peter Goverde*
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)
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  Penta Hotel, H+ Hotel, Dorint, Felix im Lebendigen Haus, Motel One Hotels)
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- 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).

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.

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