

LEIPZIG
INTERVENTIONAL
COURSE
2023

L I N C

6 – 9 June 2023

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

PROGRAMME

Welcome to LINC 2023

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 2023.



GENERAL INFORMATION

Room 1 – Main arena 1

1

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

Room 2 – Main arena 2

2

The Main arena 2 will have a capacity of approximately 550 seats and the programme will focus on endovascular aortic interventions and other fields of endovascular surgery.

Room 3 – Technical forum

3

The programme in this room with a capacity of approximately 350 seats, is dedicated to detailed discussions of featured live and recorded cases and interdisciplinary debates.

Speakers' corner

4

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

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

LIVE CASE TRANSMISSION CENTERS

During LINC 2023 several live cases will be performed from national and international centers.

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

- **Universitätsklinikum Leipzig, Abt. Angiologie**, Leipzig, Germany
- **Policlinico Abano Terme**, Abano Terme, Italy
- **Osaka Police Hospital**, Osaka, Japan
- **Klinikum Hochsauerland Arnsberg**, Arnsberg, Germany
- **Beijing Anzhen Hospital**, Beijing, China
- **Adventist Heart & Vascular Institute**, Colorado, United States
- **University Hospital Galway**, Galway, Ireland
- **Universitäres Herz- und Gefäßzentrum UKE Hamburg**, Hamburg, Germany
- **Universitätsklinikum Jena**, Jena, Germany
- **St. Franziskus Hospital Münster**, Münster, Germany
- **Mount Sinai Hospital New York**, New York, United States
- **Hôpital Marie Lannelongue Paris**, Paris, France
- **Urayasu Ichikawa, Tokyo Bay Medical Center**, Urayasu, Japan

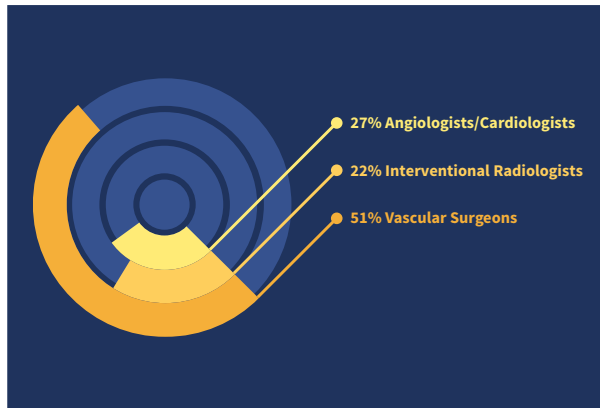
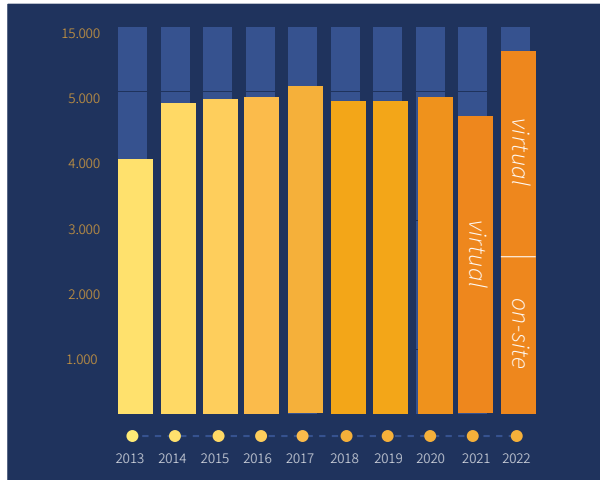
GUIDE TO LIVE CASE TRANSMISSIONS

Guide to LIVE CASE TRANSMISSIONS for LINC 2023 will be online shortly before LINC starts.



LINC 2022 STATISTICS

LINC 2022 was a hybrid event and had a multidisciplinary attendance of 2.584 on-site registrations and 10.379 virtual viewers from 79 countries. Please visit our website for more details.



LINC 2023 – ACCREDITATIONS AND ENDORSEMENT

- **The Sächsische Landesärztekammer**
We are applying for CME accreditation www.slaek.de
- **The Swiss Society for Angiology with 34 SGA Credits**
www.angioweb.ch
- **Dutch Association for Vascular Surgery with a maximum of 20 accreditation points in Category I**
www.vaat-chirurgie.nl



LINC 2023 is under the patronage of:

- The German Society for Angiology
www.dga-gefaessmedizin.de
- The German Society of Vascular Surgery
www.gefaesschirurgie.de
- The European Society for Vascular Medicine
www.vascular-medicine.org



European Society
for Vascular Medicine

Ethical MedTech:

- LINC 2023 is rated compliant with the Medtech Europe code of ethical business practice www.ethicalmedtech.eu



GENERAL INFORMATION – ONSITE

Registration desks will be open on

Venue:

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

Tuesday, 6 June	07:00 – 18:00
Wednesday, 7 June	07:30 – 18:00
Thursday, 8 June	07:30 – 18:00
Friday, 9 June	08:30 – 12:00

Exhibit hours

Tuesday, 6 June	08:00 – 18:00
Wednesday, 7 June	08:00 – 18:00
Thursday, 8 June	08:00 – 18:00
Friday, 9 June	09:00 – 12:00

Scientific programme

Tuesday, 6 June	08:00 – 18:00
Wednesday, 7 June	08:00 – 18:00
Thursday, 8 June	08:00 – 18:00
Friday, 9 June	09:00 – 13:00

Your **name badge** must be worn at all times for admittance to all LINC 2023 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: linc2023 | Password: leipzig**

Privacy

The qr-code on the back of your badge contains your encoded contact details. Only exhibitors who have the LINC 2023 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 RED 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 at office@leipzig-interventional-course.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 Snackpoint and Self-Service Restaurant:

Snackpoint

located on level 0, between hall 2 and the CCL
open from Tuesday to Thursday: 08:00–17:00

Self-Service Restaurant

located on level -1, between hall 2 and the CCL
open from Tuesday until Thursday: 12:00–15:00

COURSE CHAIRMAN

Dierk Scheinert

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Ozan Yazar
Hiroyoshi Yokoi
Sunghoon Yoon
August Ysa
Pengfei Yuan

Z

Amer Zanabili
Thomas Zeller
Xuehuan Zhang
Jiawei Zhao
Roy Zuidema

08:00 – 09:15

OPENING SYMPOSIUM:**Saving limbs: How a broader PAD approach improves patients' treatment**

supported by Abbott Vascular

*Moderator: Dierk Scheinert**Panel: Lieven Maene, Marco Manzi, Lorenzo Patrone*

08:00 – 08:07

Beyond intervention: Our most important learnings from the journey *Dierk Scheinert*

08:07 – 08:12

Discussion

08:12 – 08:42

■ **Live case transmission from Leipzig**

08:42 – 08:52

Discussion

08:52 – 09:02

How to prevent amputation – my experience working as a multidisciplinary team

Lieven Maene

09:02 – 09:15

Round table discussion

09:15 – 11:15

CONNECT THE WORLD SESSION: JAPAN – in collaboration with JET**Innovations and latest data in femoropopliteal interventions***Moderators: Dierk Scheinert, Osamu Iida**Panel: Hiroyoshi Yokoi, Yoshimitsu Soga, Thomas Zeller,**Yann Gouëffic, Chris Metzger*

09:15 – 09:45

■ **Live case transmission from Tokyo**

09:45 – 09:50

FIRST TIME DATA RELEASE:

Ranger SFA II RCT (Ranger DCB vs POBA) – 3 year patency and

4 year clinical/safety *Marianne Brodmann*

09:50 – 09:55

Prospective, multicenter registry of drug-coated balloon treatment

for peripheral artery disease: Results from the Japan POPCORN registry

Yoshimitsu Soga

09:55 – 10:00

Korean multicenter prospective registry of IN.PACT drug-coated balloon for

Popliteal Artery Disease (K-POP study) *Young-Guk Ko*

10:00 – 10:05

1-year outcomes after Paclitaxel-coated balloon angioplasty of femoropopliteal

arteries among patients in the french national health data system *Yann Gouëffic*

10:05 – 10:10

FIRST TIME DATA RELEASE:

ELEGANCE registry: DET in under-represented groups – Initial results in the first

750 patients with Ranger DCB *Marianne Brodmann*

10:10 – 10:15

FIRST TIME DATA RELEASE:

First report of the 12-month safety and efficacy outcomes of a novel Sirolimus

eluting balloon for the treatment of femoropopliteal lesions: MDK-1901 Japan

clinical trial *Osamu Iida*

10:15 – 10:45

■ **Live case transmission from Leipzig**

10:45 – 10:50

FIRST TIME DATA RELEASE:

TINTIN trial investigating the combination of DCB and bare metal stents:

4-year result *Koen Deloose*

10:50 – 10:55

FIRST TIME DATA RELEASE:

Real world all comers data from the REGAL registry – 2-year results

Wouter Lansink

10:55 – 11:00

3-year results of the CAPSICUM study *Osamu Iida*

11:00 – 11:05

Advancing SFA lesion treatment with NiTiDES™ self-expanding DES

Andrea Kahlberg

11:05 – 11:10

A patient-level pooled analysis of drug-coated balloons vs bare metal stents for

the treatment of symptomatic femoropopliteal disease *Thomas Zeller*

11:10 – 11:15

Live case recap and discussion



- 11:15 – 12:30 **SYMPOSIUM: From RCTs, to real world, to big data.**
Moving forward with drug eluting technologies for PAD
 supported by Boston Scientific
Moderators: Marianne Brodmann, Koen Deloose
Panel: Giovanni Torsello, Osamu Iida, Yann Gouëffic
 RCT data, the pinnacle of proof *Marianne Brodmann*
 Real world data *Giovanni Torsello*
 Real world data from Japan *Osamu Iida*
 Big data from big databases *Yann Gouëffic*
Panel discussion: Where we have been, what we have learnt,
 where we are going.
 ■ *Live case transmission from Tokyo*
- 11:15 – 11:22
- 11:22 – 11:29
- 11:29 – 11:36
- 11:36 – 11:43
- 11:43 – 11:53
- 11:53 – 12:30
- 12:30 – 13:30 **SPECIAL SESSION: Latest trial data, breakthrough innovations
 and ongoing controversies in PVD**
Moderators: Peter Schneider, Dierk Scheinert
*Panel: Robert Lookstein, Osamu Iida, Ramon Varcoe, Gary Ansel,
 Thomas Zeller, Sahil Parikh*
Focus on latest data for CLTI treatment
 The BEST-CLI and BASIL-2 trials: Key findings *Robert Lookstein*
 My take on the results and implications for my practice *Osamu Iida*
 My take on the results and implications for my practice *Ramon Varcoe*
 My take on the results and implications for my practice *Thomas Zeller*
Panel discussion
Focus on drug-eluting devices
 The Paclitaxel mortality debate – time for regulatory bodies to end this saga?
Gary Ansel
Panel discussion
 Do we have enough evidence for limus devices to replace PTX? *Sahil Parikh*
Panel discussion
- 12:30 – 12:38
- 12:38 – 12:42
- 12:42 – 12:46
- 12:46 – 12:50
- 12:50 – 13:00
- 13:00 – 13:10
- 13:10 – 13:15
- 13:15 – 13:25
- 13:25 – 13:30

- 13:30 – 14:45** **Innovations, latest data, and new techniques in BTK-Interventions**
Moderators: Sahil Parikh, Marianne Brodmann
Panel: Miguel Montero, Torbjörn Fransson, Luis Mariano Palena
 ■ *Live case transmission from Leipzig*
- 13:30 – 14:00
 14:00 – 14:05 **FIRST TIME DATA RELEASE:**
 CRURAL DEB RCT (Ranger vs POBA in BTK) *Torbjörn Fransson*
- 14:05 – 14:10 **FIRST TIME DATA RELEASE:**
 MERLION trial: 24 months outcomes in tibial occlusive disease *Tjun Tang*
- 14:10 – 14:15 **FIRST TIME DATA RELEASE:**
 Real world outcomes of Sirolimus coated balloon versus plain balloon angioplasty in CLTI patients: Data from HOPE prospective registry *Edward Choke*
- 14:15 – 14:20 **FIRST TIME DATA RELEASE:**
 DEEPER OUS trial: 6 months results with the bare temporary spur stent system in conjunction with paclitaxel coated balloons *Michael Lichtenberg*
- 14:20 – 14:25
 14:25 – 14:30 Toba II BTK: 36-month results *Marianne Brodmann*
 Update on the LIFE-BTK RCT investigating a drug eluting bioresorbable scaffold below-the-knee *Sahil Parikh*
- 14:30 – 14:35 **FIRST TIME DATA RELEASE:**
 1-year results of a new bioresorbable drug eluting scaffold (MOTIV) for BTK lesions in 60 patients *Michel Bosiers*
- 14:35 – 14:40 **FIRST TIME DATA RELEASE:**
 WARRIORS study: Wound-directed Angiosome Revascularization approach to patients with critical limb ischemia, prospective multicenter core lab adjudicated study in 450 patients *Osamu Iida*
- 14:40 – 14:45 Live case recap and discussion
- 14:45 – 16:00** **SYMPOSIUM: Global views: AcoArt DCB experience from different regions**
 supported by Acotec
Moderator: Dierk Scheinert
Panel: Peter Schneider, Sahil Parikh, Thomas Zeller, Wei Guo
 ■ *Live case transmission from Leipzig*
- 14:45 – 15:15 Real world experience of AcoArt DCB in Leipzig *Sabine Steiner*
 15:15 – 15:25 Preliminary data of DEBATE-BTK DUELL study *Francesco Liistro*
 15:35 – 15:45 AcoArt DCB in below-the-knee – Chinese real world data *Lianrui Guo*
 15:45 – 16:00 Discussion and conclusion

- 16:00 – 18:00** **Evolving therapies and innovations for complex peripheral lesions – Focus on vessel preparation and durable outcomes**
Moderators: Thomas Zeller, Peter Soukas
Panel: Young-Guk Ko, Chris Metzger, Sabine Steiner
- 16:00 – 16:05 No DCB class effect: How technology differences can influence performance
Michael Lichtenberg
- 16:05 – 16:30 **■ Live case transmission from Leipzig**
- 16:30 – 16:35 DCB safety and effectiveness across real-world subgroups:
 Comprehensive 5-year outcomes of the IN.PACT global study *Dierk Scheinert*
- 16:35 – 16:40 ILLUMINATE Global: 5-year results *Thomas Zeller*
- 16:40 – 16:45 Predictors of drug-coated balloon efficacy in femoropopliteal intervention:
 Insights from a patient-level pooled analysis *Marianne Brodmann*
- 16:45 – 16:50 Vessel preparation prior to drug-coated balloons: Evidence from prospective
 and randomized trials *Antonio Micari*
- 16:50 – 16:55 How I use directional atherectomy: Tips for successful vessel preparation
Eric Scott
- 16:55 – 17:00 **FIRST TIME DATA RELEASE:**
 BEST SFA-RCT comparing balloon-based and stent-based reconstruction and
 drug delivery strategies in complex femoropopliteal obstructions *Sabine Steiner*
- 17:00 – 17:30 **■ Live case transmission from New York**
- 17:30 – 17:35 Cost-effectiveness of drug-coated balloons for femoropopliteal chronic
 limb-threatening ischemia *Michel Reijnen*
- 17:35 – 17:40 Update from the Münster registry of Eluvia in long lesions *Giovanni Torsello*
- 17:40 – 17:45 MIMICS-3D: Compelling 3-year results for BioMimics 3D in complex lesions
Christos Rammos
- 17:45 – 17:50 Outcomes and evidence of the covered self-expandable stents
 for the treatment of critical limb ischemia patients *Michel Reijnen*
- 17:50 – 18:00 Live case recap and discussion



09:00 – 11:00

Acute venous thromboembolism*Moderators: Robert Lookstein, Oliver Schlager**Panel: Gary Ansel, Houman Jalaie, Sean Lyden*

09:00 – 09:20

■ *Live case transmission from Galway*

09:20 – 09:27

Effectiveness and safety of ultrasound-assisted catheter-directed thrombolysis for pulmonary embolism: A multinational individual-level data analysis of more than 1500 patients *Stefano Barco*

09:27 – 09:34

FlowTriever embolectomy for acute pulmonary embolism *Gary Ansel*

09:34 – 09:41

Rationale of a pivotal randomized trial comparing aspiration thrombectomy vs medical therapy for intermediate high risk pulmonary embolism *Robert Lookstein*

09:41 – 10:01

■ *Live case transmission from Galway*

10:01 – 10:08

Prospective post-market clinical follow-up study of the Aspirex™ endovascular thrombectomy system in the treatment of acute venous occlusions – 12-month update *Michael Lichtenberg*

10:08 – 10:15

Catheter-directed thrombolysis and pharmacomechanical thrombectomy for acute deep vein thrombosis *Stefano Barco*

10:15 – 10:30

■ *Recorded case presentation: New technology to address DVT management and pulmonary artery treatment: Penumbra Lightning™ 12 system, designed for frontline aspiration* *Michael Lichtenberg*

10:30 – 11:00

Discussion

11:00 – 11:45

Ablation therapy for superficial venous disease*Moderators: Raghu Kolluri, Tobias Hirsch**Panel: Thomas Mattausch*

11:00 – 11:07

What are the treatment options for saphenous ablation? *Raghu Kolluri*

11:07 – 11:14

When is the VenaSeal closure system appropriate for patients? *Tobias Hirsch*

11:14 – 11:21

Single center experience on Saphenous Vein Incompetence study
Thomas Mattausch

11:21 – 11:28

Trial updates for chronic venous disease patients enrolled in the spectrum study program: Study design and current status *Tobias Hirsch*

11:28 – 11:45

Panel discussion

11:45 – 12:30

Scrub in with the expert: Deep venous interventions*Moderators: Chris Metzger, Houman Jalaie**Panel: Rick de Graaf, Kush Desai*■ *with Michael Lichtenberg live from Arnsberg*

FLASH PRESENTATIONS:

Deep venous obstruction: Proper patient selection and the utilization of imaging *Kush Desai*Is there an indication for spot-stenting in post-thrombotic iliofemoral obstructions
*Rick de Graaf*When and how to perform endophlebectomy of the common femoral vein in addition to venous recanalisation? *Houman Jalaie*



12:30 – 13:15

LUNCH SYMPOSIUM:**Treatment of CLTI: New horizons with novel DCB technology**

supported by MedAlliance

*Moderator: Marianne Brodmann**Panel: George Adams, Daniel van den Heuvel, Bella Huasen*

12:30 – 12:40

Novel SELUTION SLR technology & clinical update *Bella Huasen*

12:40 – 13:00

Treatment of CLTI patients with complex BTK disease –
lessons from Selution4BTK randomized clinical trialCase 1: *Daniel van den Heuvel*Case 2: *George Adams*

13:00 – 13:15

Discussion

13:30 – 15:30

Endovascular procedures for the deep veins*Moderators: Houman Jalaie, Ramon Varcoe**Panel: Raghu Kolluri, Oliver Schlager, Rick de Graaf*

13:30 – 13:55

■ *Live case transmission from Arnsberg*

13:55 – 14:02

The classification of the chronic venous obstruction and its clinical impact
Houman Jalaie

14:02 – 14:09

How to best grade a venous stenosis in the deep veins:

Duplex, IVUS, Venography *Rick de Graaf*

14:09 – 14:16

Dedicated venous stents – a look at the technology and clinical studies
Erin Murphy

14:16 – 14:23

May Thurner stents *Oliver Schlager*

14:23 – 14:30

Which patients benefit from venous stenting: A look into trends from
the ABRE study data *Erin Murphy*

14:30 – 14:37

Anticoagulation therapy for patients with venous stents +/- antiplatelet therapy
Christian Erbel

14:37 – 14:44

The INTERVENE trial: A novel percutaneous device to reconstruct the valves
within the femoral veins in patients with DVI *Ramon Varcoe*

14:44 – 15:09

■ *Live case transmission from Arnsberg*

15:09 – 15:30

Discussion

15:30 – 16:15

SYMPOSIUM: Hemodialysis access creation and maintenance:**Implications of long-term data on patient outcomes**

supported by Medtronic

*Moderator: Fabrizio Fanelli**Panel: Robert Shahverdyan, Matteo Tozzi*

15:30 – 15:35

Welcome & introductions *Fabrizio Fanelli*

15:35 – 15:43

Overview of long-term evidence in arteriovenous fistula creation
and maintenance *Fabrizio Fanelli*

15:43 – 15:51

Case discussion: EndoAVF creation from mapping to cannulation
Robert Shahverdyan

15:51 – 15:59

Treating challenging lesions: My algorithm for Cephalic Arch Stenosis
Matteo Tozzi

15:59 – 16:14

Discussion & questions

16:14 – 16:15

Closing remarks *Fabrizio Fanelli*

16:15 – 18:00

Scrub in with the experts: Deep venous interventions*Moderator: Erin Murphy**Panel: Houman Jalaie, Tobias Hirsch, Oliver Schlager, Rick de Graaf*■ *with Gerard O'Sullivan live from Galway*■ *with Michael Lichtenberg live from Arnsberg*

FLASH PRESENTATIONS:

Patency definitions in the venous space: What is the impact? *Erin Murphy*Final update on VERNACULAR study and current update on Arnsberg Venovo registry *Michael Lichtenberg*Update on Beyond venous PMCF study *Michael Lichtenberg*Diagnostic and interventional approach to pelvic congestion syndrome
Rick de Graaf

09:00 – 11:15	<p>Status update: Carotid interventions 2023 <i>Moderators: Peter Schneider, Ralf Langhoff</i> <i>Panel: Eugenio Stabile, Piotr Musialek, Horst Sievert, Eric Ducasse</i></p>
09:00 – 09:05	Carotid repair is best for asymptomatic carotid stenosis because medical management alone does not work <i>Horst Sievert</i>
09:05 – 09:10	Update on the CEA vs CAS trials for asymptomatic carotid stenosis <i>Alison Halliday</i>
09:10 – 09:15	Interventions in acute carotid syndrome: When and how? <i>Piotr Musialek</i>
09:15 – 09:20	Why guidelines can be misleading: Carotid guidelines are an example <i>Frank Veith</i>
09:20 – 09:25	Panel discussion
	Focus on latest technique and new devices
09:25 – 09:30	Local anaesthesia and intraoperative ultrasound are the key for an uncomplicated carotid endarterectomy <i>Hans-Henning Eckstein</i>
09:30 – 09:35	TCAR is better than true percutaneous carotid stenting: Myth or reality? <i>Peter Schneider</i>
09:35 – 09:40	Risk factors of stroke in patients undergoing transcervical and transfemoral carotid stenting <i>Giovanni Torsello</i>
09:40 – 09:45	FIRST TIME DATA RELEASE: 30-day safety outcomes of male vs female patients treated using the Roadsaver dual-layer micromesh carotid stent: Evidence from a large multicenter European study <i>Ralf Langhoff</i>
09:45 – 09:50	FIRST TIME DATA RELEASE: 30-day safety outcomes of patients treated using the Roadsaver dual-layer micromesh carotid stent with or without predilatation: Evidence from a large multicenter European study <i>Arne Schwandt</i>
09:50 – 10:30	■ <i>Live case transmission from Münster</i>
10:30 – 10:35	How to select endovascular protection devices for CAS <i>Eugenio Stabile</i>
10:35 – 10:40	Proximal protection during carotid artery stenting: A preferred solution for all patients <i>Piero Montorsi</i>
10:40 – 10:45	Carotid artery stenting with proximal protection: How to optimize your outcomes <i>Piotr Musialek</i>
10:45 – 10:50	Experiences from a high volume carotid artery stenting center: Improving safety with proximal protection <i>Horst Sievert</i>
	Focus on future concepts
10:50 – 10:55	Acute stroke interventions – step-by-step <i>Horst Sievert</i>
10:55 – 11:00	Percutaneous exclusion of carotid artery aneurysms: Insights from the C-Heal-trial <i>Piotr Musialek</i>
11:00 – 11:05	AI with specific algorithms could predict carotid risk lesions for stroke: Revolutionary tool or fake? <i>Eric Ducasse</i>
11:05 – 11:15	Live case recap and discussion

11:15 – 12:30

Innovative endovascular treatment options for complex aorto-iliac pathologies*Moderator: Maria Antonella Ruffino**Panel: Sigrid Nikol, Peter Goverde, Michele Piazza*

11:15 – 11:20

The need for a more specific and disease-severity related score in aortoiliac occlusive disease: ACHELIS ACE score *Peter Goverde*

11:20 – 11:45

■ *Live case transmission from Leipzig*

11:45 – 11:50

CERAB – How we do it *Nilo Mosquera*

11:50 – 11:55

BeGlory study – put evidence to CERAB *Maria Antonella Ruffino*

11:55 – 12:00

5-years follow-up of subjects with aortoiliac occlusive disease treated with the VIABAHN VBX balloon expandable endoprosthesis *Andrew Holden*

12:00 – 12:05

Complex AIOD treatment with VBX device and Kissing-CERAB technique.

When, how, and results *Michele Piazza*

12:05 – 12:10

Long-term outcomes of CERAB *Michel Reijnen*

12:10 – 12:15

Endovascular solution for complex pararenal aortic stenoses *Sigrid Nikol*

12:15 – 12:30

Discussion and conclusion

12:30 – 13:15

LUNCH SYMPOSIUM: Change compliance to change the game in PAD treatment

supported by Shockwave Medical

*Moderator: Konstantinos Stavroulakis**Panel: Stefano Fazzini, Dominic Howard, Enrique Alejandro Lafont*

12:30 – 12:33

Introduction *Konstantinos Stavroulakis*

12:33 – 12:43

Is vessel compliance the key to successful outcomes in PAD? *Stefano Fazzini*

12:43 – 12:47

Discussion

12:47 – 12:57

Preserving our options when treating calcified CLTI for future interventions

Dominic Howard

12:57 – 13:01

Discussion

13:01 – 13:11

How IVL fits into my daily PAD practice: The St. Gallen experience

Enrique Alejandro Lafont

13:11 – 13:15

Discussion and conclusion

13:30 – 14:45

Scrub in with the expert: Complex iliac interventions*Moderators: Sean Lyden, Nilo Mosquera**Panel: Hans Krankenberg, Chris Metzger*■ *with Prakash Krishnan live from New York***FIRST TIME DATA RELEASE:**

COMFORT (COnteMporary strategy For aORTtoiliac intervention) registry

Osamu Iida

Balloon-expandable stainless steel or cobalt chromium stents for iliac artery

revascularisation *Giovanni Federico Torsello*

Can artificial Intelligence play an important role in the therapy of aortoiliac

occlusive disease: Preliminary results *Peter Goverde*

Comparison of aortobifemoral bypass and endovascular treatment

for chronic infrarenal abdominal aortic occlusion from the CHAOS

(CHronic Abdominal Aortic Occlusion, ASian Multicenter) registry *Naoki Fujimura*

- 14:45 – 15:15** **FOCUS SESSION: Complex AIOD – open, endo or hybrid? That's the question**
supported by Getinge
Moderator: Koen Deloose
■ Recorded case presentation from AZ Sint Blasius Dendermonde, Belgium –
Join the discussion on what's the best solution during each step
of this complex procedure
- 15:15 – 16:45** **Transcatheter arterialization of deep veins (TADV) for patients with CLTI**
Moderator: Peter Schneider
Panel: Roberto Ferraresi, Miguel Montero, Steven Kum, Daniel van den Heuvel
- 15:15 – 15:22 Deep venous arterialization – how does it work? Latest insights *Roberto Ferraresi*
- 15:22 – 15:27** **Current evidence on transcatheter arterialization of deep veins**
PROMISE II 6-month sub analysis *Miguel Montero*
- 15:27 – 15:32 PI/ALPS – deep dive into data *Steven Kum*
- 15:32 – 15:37 PROMISE II/CLariTI analysis *Peter Schneider*
- 15:37 – 15:43 Discussion
- 15:43 – 15:53 ■ Recorded case presentation: From PROMISE II *Miguel Montero*
- 15:53 – 15:58 Discussion
- Patient identification and assessment**
- 15:58 – 16:03 TADV patient selection *Symeon Lechareas*
- 16:03 – 16:08 TADV patient pre/post ultrasound evaluation *Daniel van den Heuvel*
- 16:08 – 16:13 TADV overview with latest LimFlow devices *Michael Lichtenberg*
- 16:13 – 16:18 TADV pressure wire analysis *Roberto Ferraresi*
- 16:18 – 16:23 Discussion
- Post procedure best practices**
- 16:23 – 16:28 Wound care case example and best practices *Arne Schwindt*
- 16:28 – 16:45 Discussion
- 16:45 – 18:00** **Scrub in with the expert: Innovative solutions for complex CTO's**
Moderators: Gary Ansel, Daniela Branzan
Panel: Olaf Bakker, Konstantinos Stavroulakis, Robert Beasley
■ with *Arne Schwindt* live from Münster
A unique intraluminal crossing and subintimal reentry catheter for use
in treating complex disease throughout the vascular system *Robert Beasley*
Why BeBack is a game changer in crossing complex lesions *Olaf Bakker*



12:30 – 13:30

PAIRS@LINC**Challenging venous interventions***Moderators: Ayman Al Sibaie, Raghu Kolluri*

12:30 – 12:38

Varicose veins; Updates in thermal and non thermal ablation
Mohammad Al Moaiqel

12:38 – 12:46

Sclerotherapy of Endometrioma: How I do it *Refaat Salman*

12:46 – 12:54

Treatment of female genital varices *Karim Abd El Tawab*

12:54 – 13:02

PE: Endovascular management *Ayman Al Sibaie*

13:02 – 13:10

Endo AVF: What you need to know *Ahmed Kamel*

13:10 – 13:18

Advanced central venous reconstruction *Mohammad Arabi*

13:18 – 13:30

Discussion and conclusion

13:30 – 15:00

Challenging cases and complications: Miscellaneous/carotid/embolization*Moderators: Jos van den Berg, Stephan Duda*

13:30 – 13:35

Endovascular treatment of post-traumatic internal carotid artery pseudoaneurysm:
A challenging case *Filippo Gorgatti*

13:35 – 13:40

Infected supra-aortic bypass reconstruction: About a nightmare *Zohal Fazli*

13:40 – 13:45

Sling ring, a type of Kommerell diverticulum approach *André Cancela*

13:45 – 13:50

Angioplasty of left subclavian artery CTO lesion complicated with subclavian and
LIMA dissection: A challenging case presentation *Mohammad Hassan Namazi*

13:50 – 13:55

Retrieval of displaced ASD amplatzer septal occluder device through right femoral
artery *Mohmoud Elmeniesy*

13:55 – 14:00

Balloon-assisted coil and liquid embolization for large neck splenic artery aneurysm.
Case report and literature review *Marcelo Giusti*

14:00 – 14:05

Embolization of the thoracic duct utilizing only liquid embolic agent
Umair Munawar

14:05 – 14:10

Transjugular intrahepatic portosystemic shunting in the management
of hepatic hydrothorax *Umair Munawar*

14:10 – 14:15

Gastroduodenal artery stump pseudoaneurysm rupture following selective coil
embolization repaired using covered stent placement *Umair Munawar*

14:15 – 14:20

Dangerous biopsies *Viktor Serafimov*

14:20 – 14:25

Giant AVM *Hesham Sharaf Eldin*

14:25 – 14:30

Antineutrophil cytoplasmic antibody associated renal microaneurysms
managed with renal embolization *Umair Munawar*

14:30 – 14:35

Middle-term outcomes of snare piercing technique for chronic total occluded
lower extremity disease *Hirokazu Miyashita*

14:35 – 15:00

Discussion and conclusion

- 15:00 – 16:30** **Update on innovations, clinical trials and new data – treatment of femoropopliteal PAD I**
Moderators: Ralf Langhoff, Lieven Maene
- 15:00 – 15:05 2-year clinical outcome of the Eluvia drug-eluting stent for femoropopliteal lesions: A prospective multicenter K-ELUVIA registry *Young-Guk Ko*
- 15:05 – 15:10 CVT-SFA-trial: First report of 6 months results using a new Everolimus coated balloon technology *Stephan Duda*
- 15:10 – 15:15 Performance of a novel Sirolimus eluting balloon in peripheral arterial disease: Insights from the SUCCESS PTA study *Michael Lichtenberg*
- 15:15 – 15:20 Safety, efficacy and clinical implications of drug-coated devices in the endovascular treatment of femoropopliteal lesions *Jana Prchal*
- 15:20 – 15:25 Comparative 2-year clinical outcomes of paclitaxel-eluting stent and drug-coated balloons in large vessels of femoropopliteal artery lesions *Masanaga Tsujimoto*
- 15:25 – 15:30 Safety of a dual drug sirolimus and ptx coated balloon (Sirplux™ DCB) vs a commercially available PTX DCB in swine coronary arteries *Kenji Kawai*
- 15:30 – 15:35 2-year outcome among the bare metal stent, atherectomy combined with or without drug-coated balloon angioplasty for femoropopliteal arterial occlusion *Lin Yang*
- 15:35 – 15:40 BIOPACT RCT – subgroup analysis to assess for heterogeneity of clinical endpoints, for patients treated with Passeo-18 Lux DCB vs IN.PACT Admiral DCB for femoropopliteal lesions *Koen Deloose*
- 15:40 – 15:45 Resorbable Repair Device (RRD) for coverage of flow limiting dissections after DCB angioplasty *Maciej Kusmierczuk*
- 15:45 – 15:50 Vascular effects through Sirolimus vs. Paclitaxel DCB treatment in symptomatic peripheral artery disease – the Limus FLOW investigator-initiated randomized controlled trial *Christos Rammos*
- 15:50 – 15:55 Analysis about the frequency of distal emboli due to three kinds of Paclitaxel-coated balloon in femoropopliteal artery using a laser doppler flowmetry *Kuniyoshi Fukai*
- 15:55 – 16:30 Discussion and conclusion



08:00 – 09:00

CONNECT THE WORLD SESSION: CHINA – in collaboration with CEC**The state of the art in SFA treatment – insights from global experts**

supported by Medtronic

*Moderators: Dierk Scheinert, Wei Guo**Co-Chairs: Zhong Chen, Weiguo Fu, Wei Guo**Panel: Eric Scott, Thomas Zeller*Welcome & introductions *Dierk Scheinert, Zhong Chen, Weiguo Fu, Wei Guo*

08:00 – 08:05

08:05 – 08:35

■ *Live case transmission from Beijing*

08:35 – 08:43

Recanalized strategy of infrapopliteal arterial occlusive diseases:

From Angiosome to Angiographosome *Yong Liu*

08:43 – 08:51

How to minimize trauma with vessel prep: My strategy in long occluded

FPA lesions *Xiaobing Liu*

08:51 – 09:00

Discussion & closing remarks *Dierk Scheinert, Zhong Chen*

09:00 – 10:15

SYMPOSIUM: See better to treat better:**An image-guided therapy approach to reduce impact of recoil and dissections on acute and long-term outcomes**

supported by Philips

*Moderators: Michael Lichtenberg, Masahiko Fujihara**Panel: Phil Puckridge, Grigorios Korosoglou*

09:00 – 09:25

■ *Live case transmission from Münster: See clearly – treat optimally masterclass*
Arne Schwindt

09:25 – 09:35

(Ultra) Sound advice: The evidence is clear – IVUS-based decision-making improves outcomes in lower limb revascularization *Phil Puckridge*

09:35 – 09:45

Debulking atherectomy in the peripheral arteries: Learning from 500 cases
Grigorios Korosoglou

09:45 – 09:55

Stenting vs scaffolding: Reducing chronic biological injury in post PTA dissection repair *Michael Lichtenberg*

09:55 – 10:05

A protocol for IVUS guided lower limb revascularisation with case examples
Masahiko Fujihara

10:05 – 10:15

Discussion and conclusion

10:15 – 11:15

FOCUS SESSION: Innovative solutions for calcified peripheral lesions

supported by Shockwave Medical

*Moderators: Marianne Brodmann, Chris Metzger**Panel: Michel Bosiers, Erwin Blessing*

10:15 – 10:25

Shockwave IVL: The science of IVL and the importance of vessel compliance
Michel Bosiers

10:25 – 10:35

Intravascular Lithotripsy: Sound science reinforced by sound data *Erwin Blessing*

10:35 – 10:55

■ *Live case transmission from Leipzig*

10:55 – 11:15

Discussion and conclusion



- 11:15 – 12:30** **SYMPOSIUM: Live case and discussion with global experts:**
Preserving future treatment options in long femoropopliteal lesions
 supported by Medtronic
Moderator: Dierk Scheinert
Panel: Yoshimitsu Soga, Thomas Zeller
 ■ with Andrej Schmidt live from Leipzig
 Welcome & introduction *Dierk Scheinert*
 Introduce live case and Dr. Schmidt *Dierk Scheinert*
FLASH PRESENTATIONS:
 Factors associated with drug-coated balloon patency
 in femoropopliteal lesions *Yoshimitsu Soga*
 What is my endovascular approach for optimal lumen gain, and why
Thomas Zeller
 Discussion & questions
 Closing remarks *Dierk Scheinert*
- 12:30 – 13:15** **LUNCH SYMPOSIUM: Versatility without compromise:**
The PAD workflow of the future with a new all-in-one solution
 supported by BIOTRONIK
Moderator: Koen Deloose
Panel: Ralf Langhoff, Luis Mariano Palena
- 13:30 – 14:45** **SYMPOSIUM: Treating challenging anatomies and the impact on clinical outcomes**
 supported by W. L. Gore & Associates
Moderator: Michel Reijnen
Panel: Martin Austermann, Jan Heyligers
- 13:30 – 13:40** Does conformability have an impact on the outcomes of endovascular repair of Type B aortic dissection *Vikram Puttaswamy*
- 13:40 – 13:50** Does conformability have an impact on the outcomes of endovascular repair of AAA with angulated infrarenal necks *Jorge Fernández Noya*
- 13:50 – 14:00** Does conformability have an impact on the outcomes of endovascular repair of Iliac limbs performance *Jan Heyligers*
- 14:00 – 14:10** Importance of conformability. Real world evidence from a complex subgroup of the EXPAND registry *Martin Austermann*
- 14:10 – 14:20** Influencing procedure success, does the choice of stent matter in complex AIOD treatment? *Andrew Holden*
- 14:20 – 14:30** Approaching the challenge of the complex SFA lesion – a data driven approach *Michel Reijnen*
- 14:30 – 14:45** Discussion and conclusion

14:45 – 16:00	<p>SYMPOSIUM: When science meets practice – quality outcomes for your PAD patients supported by BD <i>Moderator: Thomas Zeller</i> <i>Panel: Michael Lichtenberg, Christos Rammos, Elias Noory</i> ■ <i>Live case transmission from Leipzig</i></p>
14:45 – 15:10 15:10 – 15:19	<p>ULTRASCORE™ focused force PTA balloon angioplasty for CLI patients with below-the-knee vessel disease – 6 months provisional results <i>Michael Lichtenberg</i></p>
15:19 – 15:27 15:27 – 15:36	<p>The science behind Atherothrombectomy – SAViOR IVUS study <i>Christos Rammos</i> ■ <i>Recorded case presentation – subacute in stent reocclusion</i> <i>of femeropopliteal artery Elias Noory</i></p>
15:36 – 15:45	<p>Challenges in treating mixed morphology SFA lesions – my strategy for success <i>Christos Rammos</i></p>
15:45 – 16:00	<p>Discussion</p>
16:00 – 18:00	<p>VIVA@LINC: Progress in limb salvage: How do we prove which approach is best? <i>Moderators: Peter Schneider, Marianne Brodmann</i> <i>Panel: Sean Lyden, Raghu Kolluri, Chris Metzger, Tatsuya Nakama, Ramon Varcoe</i></p>
16:00 – 16:05	<p>Announcement of the winner of the Vascular Career Award 2023 <i>Peter Schneider</i></p>
16:05 – 16:30 16:30 – 16:38	<p>■ <i>Live case transmission from Colorado</i> How to interpret the results of BEST-CLI? <i>Sean Lyden</i></p>
16:38 – 16:46	<p>What are the right clinical trial endpoints for CLTI? <i>Tatsuya Nakama</i></p>
16:46 – 16:54	<p>Wound healing assessment by core lab and what can it tell us? <i>Raghu Kolluri</i></p>
16:54 – 17:02	<p>The major ongoing need, what is the latest in managing calcification? <i>Chris Metzger</i></p>
17:02 – 17:10 17:10 – 17:35	<p>Latest data and concepts on deep venous arterialization in the US <i>Peter Schneider</i> ■ <i>Live case transmission from Leipzig</i></p>
17:35 – 18:00	<p>Discussion and conclusion</p>



- 08:00 – 09:30** **Endovascular repair of iliac artery aneurysms – current techniques and results**
Moderators: Vicente Riambau, Armando Lobato
Panel: Reza Ghotbi, Fabio Verzini, Jorge Fernández Noya, Spiridon Botsios
- 08:00 – 08:05 10-year primary AAA outcomes from the ENGAGE OUS registry *Hence Verhagen*
 08:05 – 08:10 Standard EVAR in patients with large luminal space is associated with increased risk of adverse events *Hence Verhagen*
 08:10 – 08:15 Long term follow up data and durable outcomes with an infrarenal prosthesis *Dimitri Kuhelj*
 08:15 – 08:20 Multicentric European experience with the GORE IBE device for co-existing hypogastric aneurysms *Konstantinos Donas*
 08:20 – 08:25 Best approaches to maintain the internal iliac artery patency *Jorge Fernández Noya*
 08:25 – 08:30 5-year outcomes of iliac aneurysm approaches from the GREAT registry: IBE, bell-bottom, and coil/cover *Jan Heyligers*
 08:30 – 08:35 Bridging stent geometrical determinant of target vessel instability in FEVAR *Michele Piazza*
 08:35 – 08:40 Iliac branch devices after previous abdominal aortic aneurysm repair *Giovanni Torsello*
 08:40 – 08:45 How do iliac branching techniques influence the patient's quality of life, outcomes from the CARIBE study *Fabio Verzini*
 08:45 – 09:15 ■ *Live case transmission from Paris*
 09:15 – 09:30 Live case wrap up and discussion
- 09:30 – 10:45** **Endovascular solutions for obstructions of the aortic bifurcation**
 partially supported by W. L. Gore & Associates
Moderator: Theodosios Bisdas
Panel: Michele Piazza, Michel Reijnen
- 09:30 – 09:55 ■ *Live case transmission from Leipzig*
 09:55 – 10:02 Methods to manage the aortic bifurcation in aorto-iliac occlusive disease *Andrew Holden*
 10:02 – 10:09 Self expanding and balloon expandable Gore endoprosthesis for endovascular repair of severe atherosclerotic aorto-iliac disease *Michele Piazza*
 10:09 – 10:16 Value of VBX balloon expandable covered stents in treating complex aorto-iliac occlusive disease: Advantages and considerations *Michel Reijnen*
 10:16 – 10:23 Outcomes of self expandable covered stents for the treatment of external iliac occlusive disease *Amer Zanabli*
 10:23 – 10:30 CTO in the external iliac artery; which treatment is preferable? *Theodosios Bisdas*
 10:30 – 10:45 Live case wrap up and discussion

- 10:45 – 12:30 **Infrarenal EVAR: Latest data, remaining challenges, and open questions**
Moderators: Giovanni Torsello, Michel Reijnen
Panel: Hence Verhagen, Daniela Branzan, Konstantinos Donas
Focus on aneurysm sac regression
- 10:45 – 10:50 ADVANCE RCT design: A new AAA head-to-head study evaluating the sac regression outcomes two different endografts *Hence Verhagen*
- 10:50 – 10:55 Retrospective data analysis on sac regression with low permeability excluder *Jan Heyligers*
- 10:55 – 11:00 Active sac management: The missing link of EVAR? *Michel Reijnen*
- 11:00 – 11:05 AAA sac behavior following pre-emptive embolization of side branches for EVAR *Daniela Branzan*
- 11:05 – 11:15 **Panel discussion**
- 11:15 – 11:45 ■ *Live case transmission from Münster*
- 11:45 – 11:50 **Focus on acute EVAR**
- 11:45 – 11:50 EVAR is currently the best treatment for ruptured AAAs despite randomized trials showing otherwise *Frank Veith*
- 11:50 – 11:55 EVAR for ruptured AAA – How to do it? *Hans-Henning Eckstein*
- 11:55 – 12:00 Emergency EVAR for ruptured abdominal aortic aneurysms: Our first experience and challenges *Todor Samardjiev*
- 12:00 – 12:05 Urgent treatment of thoracoabdominal and pararenal pathologies using physician modified stent-grafts based on 3D printed aortic models *Samer Aldmour*
- 12:05 – 12:10 The role of ChEVAR for acute EVAR *Konstantinos Donas*
- 12:10 – 12:15 Iliac artery – ureteral fistula: open or endovascular treatment *Piotr Kasprzak*
- 12:15 – 12:20 Status update on AORTYX Patch: A new endovascular approach for focal aortic lesions *Vicente Rimbau*
- 12:20 – 12:25 **Panel discussion**
- 12:25 – 12:30 Many mycotic aneurysms and infected grafts benefit from non-radical surgery with better primary and late results *Martin Malina*



12:30 – 13:15

LUNCH SYMPOSIUM: Which is the best stenting approach in the iliac artery?

supported by iVascular

Moderator: Vicente Rimbau

Panel: August Ysa, Thomas Zeller, Lieven Maene

12:30 – 12:40

Complex iliac treatment with a new generation covered stent

August Ysa

12:40 – 12:50

Treating iliac stenosis with a BX covered stent. The iliCo study

Thomas Zeller

12:50 – 13:00

Is there still a role for BMS in the iliac artery? *Lieven Maene*

13:00 – 13:15

Discussion and conclusion

13:30 – 14:45

SYMPOSIUM:

supported by Concept Medical

14:45 – 15:45

Fireside chat: Imaging in endovascular procedures: Which improvements will change the game?

partially supported by Siemens Healthineers

Moderator: Giovanni Torsello

Panel: Tilo Kölbel, Maani Hakimi, Andrej Schmidt

14:45 – 15:05

Discussion

15:05 – 15:10

Radiation safety in complex aortic repair: Do's and don't's *Giuseppe Panuccio*

15:10 – 15:15

Meticulous planning leads to a dose-conscious workflow with the ARTIS pheno
Antoine Millon

15:15 – 15:20

Application of ultra-low dose protocols in fenestrated aortic arch reconstruction
Maani Hakimi

15:20 – 15:25

Influence of fusion imaging with Cydar on radiation exposure in EVAR
Kyriakos Oikonomou

15:25 – 15:30

Case reviews examples performed with FORS and new 3D Hub technology, showing increased visualization and radiation reduction *TBD*

15:30 – 15:35

FORS technology – experience and clinical data so far *Tilo Kölbel*

15:35 – 15:40

30 years' experience using CO2 as a contrast medium in vascular procedures
Sven Seifert

15:40 – 15:45

Conclusion

- 15:45 – 18:00 Endovascular repair of thoracoabdominal aortic aneurysms**
Moderator: Tilo Kölbl
Panel: Daniela Branzan, Nikolaos Tsilimparis, Wei Guo
 ■ *Live case transmission from Paris*
- 15:45 – 16:10 Role of physician modified endografts in thoracoabdominal aortic repair
Nikolaos Tsilimparis
- 16:10 – 16:15 Long-term outcomes of chimneys and periscopes in TAAA-repair
TBD
- 16:20 – 16:25 Initial results of the GUARATTEE study investigating the G-Branch multiple branch stent graft for EVAR of TAAA *Wei Guo*
- 16:25 – 16:30 Outcomes of inner branches in complex thoracoabdominal repair
Martin Austermann
- 16:30 – 16:35 Preloaded off-the-shelf branched thoracoabdominal repair:
 Real world outcomes with the Artivion Enside *Theodosios Bisdas*
- 16:35 – 16:45 **Panel discussion:** Pros and cons of new devices and techniques
 for endovascular treatment of TAAA
- 16:45 – 17:10 ■ *Live case transmission from Paris*
- 17:10 – 17:15 The Münster strategy to avoid spinal cord ischemia during F/BEVAR
Martin Austermann
- 17:15 – 17:20 Spinal cord drainage for aortic repair: To drain or not, when and
 what are the risks *Sean Lyden*
- 17:20 – 17:25 Interim analysis of Papa-Artis trial on MISACE *Christian Etz*
- 17:25 – 17:30 Evaluation of spinal cord blood supply after MISACE and EVAR of TAAA
 with hyperspectral imaging *Daniela Branzan*
- 17:30 – 17:35 Open branch in BEVAR of TAAA is still a valid concept to minimize
 paraplegia *Piotr Kasprzak*
- 17:35 – 17:40 Aortic coverage with CMD fenestrated vs. of-the-shelf branched devices and
 implications for the risk of spinal cord ischemia *Nikolaos Tsilimparis*
- 17:40 – 17:50 **Panel discussion:** Best strategies for prevention of spinal cord ischemia
- 17:50 – 17:55 Open thoracoabdominal repair with the Thoracoflo® Hybrid Graft:
 Early results *E. Sebastian Debus*
- 17:55 – 18:00 EVAR for ruptured TAAA *Giovanni Torsello*

09:00 – 10:30

**Embolization therapies – part I
Tumor Ablation 2.0***Moderators: Ulf Teichgräber, Thomas J. Vogl***Basic principles**

09:00 – 09:07

Thermoablation *René Aschenbach*

09:07 – 09:14

Irreversible electroporation (IRE) *Philip Wiggermann*

09:14 – 09:21

Kryoablation *Kristina Ringe***Chest**

09:21 – 09:28

Ablation of pulmonary lesions *Maciej Pech*

09:28 – 09:35

Chemoembolization – new kid on the block? *Thomas J. Vogl*

09:35 – 10:02

■ *Recorded case presentation from Jena René Aschenbach***Kidney**

10:02 – 10:09

Thermoablation *Thomas J. Vogl*

10:09 – 10:16

Kryotherapy *Amer Malouhi***Osteoidosteom**

10:16 – 10:23

Thermoablation *Thomas J. Vogl*

10:23 – 10:30

Kryoablation *Kristina Ringe*

10:30 – 11:30

Interventions for maintenance of AV-access*Moderators: Matteo Tozzi, Panagiotis Kitrou**Panel: Dimitrios Karnabatidis, Shimon Aronhime, Scott Trerotola*

10:30 – 10:37

Recent publications in vascular access maintenance *Robert Lookstein*

10:37 – 10:44

IN.PACT AV access trial outcomes to date *Matteo Tozzi*

10:44 – 10:51

Patient and procedural variables of AV-access treatment with DCB

Dimitrios Karnabatidis

10:51 – 10:58

Venous stents for central venous disease in hemodialysis patients –

a comparative single center experience *Shimon Aronhime*

10:58 – 11:05

Cephalic arch outcomes with covered stents *Panagiotis Kitrou*

11:05 – 11:12

FIRST TIME DATA RELEASE:Interim look at the Lutonix AV post approval study *Scott Trerotola*

11:12 – 11:30

Panel discussion

11:30 – 12:30

Percutaneous creation of AV-access: How far have we come?*Moderators: Fabrizio Fanelli, Scott Trerotola**Panel: Ounali Jaffer, Tobias Steinke***Focus on percutaneous AV-access creation**

11:30 – 11:37

Recent publications in vascular access creation *Tobias Steinke*

11:37 – 11:44

Recent updates from the Hamburg registry *Robert Shahverdyan*

11:44 – 11:51

Initial experience and lessons learned with endoAVF: A multi-disciplinary approach

Fabrizio Fanelli

11:51 – 11:58

Is endoAVF economical? A surgeon's experience *Chris Delaney*

11:58 – 12:05

Key steps to setting up an EndoAVF practice *Ounali Jaffer*

12:05 – 12:12

EndoAVF creation: Training needs from creation to cannulation *Fabrizio Fanelli*

12:12 – 12:30

Panel discussion



12:35 – 13:20

LUNCH SYMPOSIUM:**How does a lytic-free, bloodless approach advance the treatment of venous thromboembolism?**

support by Inari Medical

*Moderator: Rick de Graaf**Panel: Steven Abramowitz, Michael Lichtenberg, Miachael Piorkowski*

12:35 – 12:40

12:40 – 12:50

Introduction *Rick de Graaf*

How do DEFIANCE and CLOUT answer critical questions

about the management of DVT? *Steven Abramowitz*

12:50 – 13:00

Why doesn't existing clinical data initiate a change in the current DVT

treatment guidelines *Michael Lichtenberg*

13:00 – 13:10

FlowTrierer system as the first-choice treatment of acute PE patients

Michael Piorkowski

13:10 – 13:20

Q&A and closing

13:30 – 14:45

Embolization therapies – part II**Established and evolving indications and techniques***Moderators: Fabrizio Fanelli, Ulf Teichgräber*

13:30 – 13:37

Treating traumas: Plugs, coils, or liquids? *Anna Maria Ierardi*

13:37 – 13:44

Utilization of liquid embolics and coils in pelvic venous disorder *Romarc Loffroy*

13:44 – 13:51

Pelvic venous disorder: Selecting the right patient *Gerard O'Sullivan*

13:51 – 13:58

Liquid embolic treatment of Type II endoleaks by direct puncture *Fabrizio Fanelli*

13:58 – 14:23

■ *Live case transmission from Jena*

14:23 – 14:30

Latest techniques and results of prostate adenoma embolization therapy

Ulf Teichgräber

14:30 – 14:37

Irreversible electroporation (IRE) *Federico Collettini*

14:37 – 14:45

Panel discussion

14:45 – 16:00

VIVA@LINC session: Deep venous dilemmas*Moderator: Raghu Kolluri**Panel: Sean Lyden, Chris Metzger, Peter Schneider, Kush Desai*■ *with Ehrin Armstrong live from Colorado*

FLASH PRESENTATIONS:

Technical tips for iliac vein stenting *Chris Metzger*Thrombectomy for DVT: When to treat and how to treat *Kush Desai*Management of combined arterial and venous insufficiency *Raghu Kolluri*Crossing techniques for ilio caval occlusion *Michael Lichtenberg*

16:00 – 17:30

Embolization therapies – part III**Liver interventions***Moderators: Thomas J. Vogl, Ulf Teichgräber*

16:00 – 16:07

Liquid embolization of HCC *Romarc Loffroy*

16:07 – 16:14

DEB TACE vs conventional TACE *Thierry de Baere*

16:14 – 16:21

New indications for early TIPS *Ulf Teichgräber*

16:21 – 16:46

■ *Live case transmission from Jena*

16:46 – 16:53

Balloon-occluded retrograde transvenous obliteration *René Aschenbach*

16:53 – 17:00

Transsplenic portal venous recanalisation *Maciej Pech*

17:00 – 17:07

Transhepatic portal venous thrombectomy *Bernhard Gebauer*

17:07 – 17:14

GPX embolic device trial final results *Romarc Loffroy*

17:14 – 17:30

Discussion and conclusion

09:00 – 10:15	Update on innovations, clinical trials and new data – EVAR/TEVAR I <i>Moderators: Piotr Kasprzak, Martin Malina</i>
09:00 – 09:05	Role of contrast enhanced ultrasound in the follow-up of endovascular abdominal aortic aneurysm repair <i>Chiara Barillà</i>
09:05 – 09:10	The importance of the hypogastric artery preservation during treatment for aortoiliac aneurysms <i>Rafael de Athayde Soares</i>
09:10 – 09:15	Percutaneous large bore arterial access – is there scope for day-case EVAR <i>Peter Jamieson</i>
09:15 – 09:20	30-d outcomes after endovascular repair of ruptured abdominal aortic aneurysm: a systematic review and meta-analysis <i>Pengfei Yuan</i>
09:20 – 09:25	3-years results of a prospective study on the E-liac branch device system in patients with common iliac artery aneurysms – the PLIANT study <i>Jan Brunkwall</i>
09:25 – 09:30	Pararenal aortic thrombous in patients undergoing aortic aneurysm repair with chimney technique <i>Federica Maria Castellana</i>
09:30 – 09:35	Aortic arch surgery at Almazov center: Modern technologies and looking to the future <i>Mikhail Chernyavskiy</i>
09:35 – 09:40	Treatment of long femoropopliteal occlusive lesions with self-expanding interwoven Nitinol stent: 24-month outcomes of the STELLA-SUPERA-SIBERIA register trial <i>Aleksandr Gostev</i>
09:40 – 09:45	Conformable infrarenal endograft in abdominal aortic aneurysm treatment: A feasible solution in case of hostile aortic neck. A single center experience <i>Paola Scrivere</i>
09:45 – 09:50	In-vitro and in-silico haemodynamic analyses of a novel embedded iliac branch device <i>Jiang Xiong</i>
09:50 – 09:55	Single-center results of the Gore Excluder Conformable Endoprosthesis with active control system in endovascular aneurysm repair <i>Roy Zuidema</i>
09:55 – 10:00	Quantitative flow evaluation for left subclavian artery during thoracic endovascular aortic repair <i>Jiawei Zhao</i>
10:00 – 10:05	Abdominal aortic aneurysm sac management with shape memory Polymer: Early results from the AAA-SHAPE multicenter safety and feasibility trial <i>Jan Heyligers</i>
10:05 – 10:10	The role of location, length, and thickness of the intimal flap in the propagation of Stanford Type B aortic dissection based on ex-vivo porcine aorta models <i>Shuangjing Wang</i>
10:10 – 10:15	Discussion and conclusion

- 10:15 – 11:15** **Update on innovations, clinical trials and new data – treatment of aortoiliac PAD**
Moderators: Hans Krankenberg, Koen Deloose
- 10:15 – 10:20 Technical consideration of endovascular treatment for aortoiliac occlusive disease based on a 10-year Songklanagarind hospital experience
Panath Nisityotakul
- 10:20 – 10:25 Safety, feasibility, and efficacy of micronet-covered stent use in consecutive increased-risk iliac stenotic lesions to optimize acute angiographic result and guard effective flow: A multi-center, multi-specialty study (FLOWGUARD-ILIAC, NCT04461717) *Piotr Paluszek*
- 10:25 – 10:30 Intravascular lithotripsy for the treatment of iliac artery calcification: Results from the Disrupt PAD III observational study *Ehrin Armstrong*
- 10:30 – 10:35 Short-term and medium-term results of open and endovascular treatment of steno-occlusive lesions of the iliac segment (TASC II C, D) in a randomized clinical trial *Saaya Shoraan*
- 10:35 – 10:40 Clinical performance comparison between covered and bare metal stents in the treatment of TASC A-D aortoiliac lesions *Koen Deloose*
- 10:40 – 10:45 Endovascular treatment vs hybrid repair for iliofemoral occlusive disease: A prospective randomized trial *Saaya Shoraann*
- 10:45 – 10:50 Novel extra-anatomical course for infected aorto-iliac axis: Paracolic gutter routing *Hazem El Beyrouti*
- 10:50 – 10:55 Challenging case of trans-collateral retrograde approach for internal iliac artery occlusion *Shunsuke Kojima*
- 10:55 – 11:15 Discussion and conclusion
- 11:15 – 12:30** **Update on innovations, clinical trials, and new data – treatment of CLTI**
Moderators: Francesco Liistro, Raghu Kolluri
- 11:15 – 11:20 Direct vs indirect revascularization in the treatment of ischemic heel: A prospective comparative study *Amr Aborahma*
- 11:20 – 11:25 Combined stromal vascular fraction therapy and endovascular revascularisation for diabetic foot salvage. A Tunisian experience *Melek Ben Mrad*
- 11:25 – 11:30 PiPeR-registry – 12 months results prospective monocentric study on totally percutaneous foot veins arterialization *Bruno Migliara*
- 11:30 – 11:35 Ultra-low dose contrast angiography and revascularization in patients with CLTI and chronic renal impairment *Ankur Patel*
- 11:35 – 11:40 Angiogenic factors changes after endovascular revascularization of lower limb arteries in patients with diabetic foot syndrome *Martyna Schönborn*
- 11:40 – 11:45 Successful application of extracorporeal circulation compression perfusion in the treatment of diabetic foot: A retrospective cross-sectional study
Lei Gao
- 11:45 – 11:50 Wharton's jelly mesenchymal stem/stromal cells in no-option critical limb ischemia – the CIRCULATE N-O CLI pilot study *Tomasz Kwiatkowski*
- 11:50 – 11:55 Revascularisation of a specific angiosome for limb salvage *Mohamed Elbahat*
- 11:55 – 12:00 The impact of revascularization on the change in cultivated bacteria in ulcerations in neuropathic-ischemic diabetic foot syndrome *Mateusz Gajda*
- 12:00 – 12:05 Improvement opportunities in chronic limb threatening ischemia – experience of a Latin American center *Juan Manuel Telayna*
- 12:05 – 12:30 Discussion and conclusion



12:30 – 13:30

PAIRS@LINC**Embolization techniques***Moderators: Ayman Al Sibaie, Ulf Teichgräber*

12:30 – 12:37

Bronchial embolization for treatment of hemoptysis *Ayman Al Sibaie*

12:37 – 12:44

Complications of the UFE in the UAE *Jamal Aldeen Alkoteesh*

12:44 – 12:51

Prostatic artery embolization: Updates and technique optimization
Hicham Kobeiter

12:51 – 12:58

Hemorrhoids embolization: What you need to know *Karim Abd El Tawab*

12:58 – 13:05

Emergency embolization tool kit: Be always prepared *Hicham Kobeiter*

13:05 – 13:12

Management of visceral aneurysms *Refaat Salman*

13:12 – 13:19

Embolization of iatrogenic injuries *Mohammad Arabi*

13:19 – 13:30

Discussion and conclusion

13:30 – 14:30

Update on innovations, clinical trials and new data – BTK interventions*Moderators: Marianne Brodmann, Luis Mariano Palena*

13:30 – 13:35

Treatment of stenotic lesions below-the-knee with an OCT-guided atherectomy catheter *Michael Lichtenberg*

13:35 – 13:40

Long term outcomes of a novel Sirolimus drug eluting balloon in the treatment of complex below-the-knee disease in patients with chronic limb threatening ischemia – 24 months results from the PRESTIGE study *Tze Tec Chong*

13:40 – 13:45

First report of the 12 months results from the PRISTINE registry: Role of sustained drug release with a Sirolimus Eluting Balloon in the treatment of complex infra-inguinal atherosclerotic disease in patients with chronic limb threatening ischemia *Tze Tec Chong*

13:45 – 13:50

The new therapeutic horizons with a novel sirolimus eluting balloon technology in endovascular treatment of critical limb ischaemia CLI *Matthias Mende*

13:50 – 13:55

SELUTION4BTK – a randomized clinical trial evaluating SELUTION SLR sirolimus-eluting balloon in the treatment of below-the-knee lesions in patients with chronic limb threatening ischemia *Marianne Brodmann*

13:55 – 14:00

Usefulness of a pressure sensing microcatheter during endovascular therapy for below-the-knee lesions *Katsutoshi Takayama*

14:00 – 14:05

A comparison of the optimal vessel sizing and calcification between intravascular imaging and angiography in peripheral arterial disease: A correlation analysis with interrater agreement *Saritphat Orrapin*

14:05 – 14:10

The Tack Optimized Balloon Angioplasty (TOBA) II below-the-knee trial: 36-month results *Michael Lichtenberg*

14:10 – 14:15

Retrograde balloon-assisted approach to prevent distal embolisation during complex recanalisation procedures *Marta Lobato*

14:15 – 14:20

First experience with a Sirolimus coated balloon* for peripheral vessels combined in various techniques of closed and open endovascular procedures in 90 cases *Peter Metzger*

14:20 – 14:25

The BEnefit of LONGitudinal micro-incisions prior to Paclitaxel-coated balloon angioplasty (BELONG) study in patients with lower extremity artery stenosis: Contemporary comparison of clinical outcomes at 12 months *Thomas Zeller*

14:25 – 14:30

Discussion and conclusion

- 14:30 – 15:30 Update on innovations, clinical trials and new data – treatment of femoropopliteal PAD I**
Moderators: *Ralf Langhoff, Yann Gouëffic*
- 14:30 – 14:35 Clinical impact of additional Cilostazol treatment on restenosis risk following Heparin-bonded stent graft implantation: Sub-analysis from the Viabahn stent-graft placement for femoropopliteal diseases requiring endovascular therapy (VANQUISH) study *Kazuki Tobita*
- 14:30 – 14:40 Intravascular Lithotripsy for the treatment of common femoral artery calcification: Results from the disrupt PAD III observational study *Konstantinos Stavroulakis*
- 14:40 – 14:45 3 years comparable clinical outcome for Trans-Atlantic Inter-Society Consensus (TASC) D femoropopliteal occlusion: Endovascular vs bypass surgery *Yin Ting Rosanna Chow*
- 14:45 – 14:50 Midterm results of the Supera stent for the treatment of multi-level occlusive atherosclerotic artery disease *Pablo Nuñez*
- 14:50 – 14:55 Comparison of multilevel stenting vs hybrid surgery for the treatment of ilio-femoro-popliteal lesions *Olesia Osipova*
- 14:55 – 15:00 The influence of diabetes, lesion length, calcification, and bailout stenting on CD-TLR, safety, patency, ABI and RCC in the BIOPACT RCT trial *Koen Deloose*
- 15:00 – 15:05 Long-term results of long femoropopliteal lesions stenting with fasciotomy lamina vastoadductoria *Alexey Cheban*
- 15:05 – 15:10 Endovascular and surgical revascularization techniques in long femoropopliteal lesions – 2-year results of a patient-level meta analysis *Serdar Farhan*
- 15:10 – 15:15 Comparing 12-months results of the CE and IDE studies and the PATHFINDER post-market registry evaluating the safety and efficacy of the Auryon laser atherectomy system *Marianne Brodmann*
- 15:15 – 15:20 The 1-year result of PRESTO for TASC D femoropopliteal artery lesion: Single centre experience in Hong Kong *Skyi Yin Chun Pang*
- 15:20 – 15:30 Discussion and conclusion



- 15:30 – 16:45** **Update on innovations, clinical trials and new data – treatment of venous disease**
Moderators: Houman Jalaie, Oliver Schlager
- 15:30 – 15:35 Elevated post-intervention villalta scores predict late post-thrombotic syndrome development *Steven Abramowitz*
- 15:35 – 15:40 Clinical outcomes of patients with PE undergoing EKOS-directed thrombolysis in Taiwan *Chung-Ho Hsu*
- 15:40 – 15:45 The PEERLEESS randomized controlled trial design and rationale: Mechanical thrombectomy vs catheter-directed thrombolysis for acute hemodynamically stable pulmonary embolism *Stefan Stortecy*
- 15:45 – 15:50 The impact of pelvic venous insufficiency (PVI) on quality of life of female patients *Paulina Klapacz*
- 15:50 – 15:55 CLOTrier all comers registry *Michael Lichtenberg*
- 15:55 – 16:00 Intelligent aspiration thrombectomy with a 12F catheter for the treatment of acute iliofemoral deep vein thrombosis – eliminating thrombolytics *Patrick Muck*
- 16:00 – 16:05 The impact of common iliac vein compression degree on incidence of pulmonary embolism in patients with acute deep vein thrombosis *Yadong Shi*
- 16:05 – 16:10 Venous aneurysm ... does it differ? 25 years of experience in Egypt *Ayman Fakhry*
- 16:10 – 16:15 3-year, real-world outcomes of venous stent placement for thrombotic and non-thrombotic indications in Spain *Marta Ramirez Ortega*
- 16:15 – 16:20 First experiences of combined proximal foam sclerotherapy and distal endovenous thermal laser ablation for recurrent varicose veins *Heiko Uthoff*
- 16:20 – 16:25 Laser crosscutomy vs anterior accessory vein laser ablation in treating anterior accessory vein reflux *Ayman Fakhry*
- 16:25 – 16:30 Comparative study between endovascular coiling and laparoscopic excision of symptomatic ovarian vein *Amr Abdel Rahim*
- 16:30 – 16:45 Discussion and conclusion

08:00 – 10:00

JET@LINC**Pioneering techniques and innovations for complex BTK disease***Moderators: Tatsuya Nakama, Dierk Scheinert**Panel: Hiroyoshi Yokoi, Luis Mariano Palena, Steven Kum*

08:00 – 08:30

■ *Live case transmission from Osaka*

08:30 – 08:35

Guidewire escalation strategy for BTK CTO lesions *Tatsuya Nakama*

08:35 – 08:40

Latest techniques for retrograde crossing of BTK-CTOs *Andrej Schmidt*

08:40 – 08:45

The best BTK crossing technique: Italian style *Luis Mariano Palena*

08:45 – 08:50

DEEPER OUS trial – vessel recoil substudy: Initial insights *Thomas Zeller*

08:50 – 09:20

■ *Live case transmission from Abano Terme*

09:20 – 09:25

FIRST TIME DATA RELEASE:Prestige – final 2-year results *Michael Lichtenberg*

09:25 – 09:30

Improving clinical outcome of infrapopliteal lesions with Cre8™ BTK:

My personal experience Marc Sirvent

09:30 – 09:35

TOBA II BTK long lesion subanalysis *Daniel van den Heuvel*

09:35 – 09:40

Update on the HEAL study using a microstent in BTK vessels *Koen Deloose*

09:40 – 09:45

Update on the DEEPER LIMUS trial: Bare temporary spur stent system

in conjunction with Sirolimus coated balloons *Marianne Brodmann*

09:45 – 09:50

SWING trial: 12 months data with a novel Sirolimus DCB in a CLTI cohort

Ramon Varcoe

09:50 – 09:55

Update on the ACOART BTK RCT and the DEBATE BTK DUELL RCT *Francesco Liistro*

09:55 – 10:00

Discussion and conclusion

10:00 – 11:15

SYMPOSIUM:

supported by Concept Medical



- 11:15 – 12:30** **Optimizing results of peripheral artery interventions**
Moderators: Ramon Varcoe, Hiroyoshi Yokoi
Panel: Masahiko Fujihara, Tatsuya Nakama
 ■ *Live case transmission from Osaka*
- 11:15 – 11:40 The impact of intravascular ultrasound on femoropopliteal artery endovascular interventions – a randomized controlled trial *Phil Puckridge*
- 11:40 – 11:46 The optimal endpoint of DCB treatment assessed by IVUS – insights from the Japanese multicenter registry *Kazunori Horie*
- 11:46 – 11:52 Cost utility analysis of IVUS guided treatment of femoropopliteal artery revascularisation in Germany *Michael Lichtenberg*
- 11:52 – 11:58 Comparing the impact of the loss of patency between treatment with drug-coated balloon angioplasty and drug-eluting stent placement *Shigeo Ichihashi*
- 11:58 – 12:04 RECOIL study: Core lab adjudicated study to assess recoil after scoring PTA vs POBA *Michael Lichtenberg*
- 12:04 – 12:10 The value of Tack devices to optimize femoropopliteal interventions: Latest data and indications *Marianne Brodmann*
- 12:10 – 12:16 Second-generation low-dose drug-coated balloon vs high-dose drug-coated balloon for symptomatic femoropopliteal artery disease: The result from the PROSPECT-MONSTER study *Tatsuya Nakama*
- 12:16 – 12:22 Discussion and conclusion
- 12:22 – 12:30
- 12:30 – 13:15** **LUNCH SYMPOSIUM:**
Endovascular treatment algorithms for the management of complex calcified lesions: A case based discussion
 supported by CSI
Moderator: Dierk Scheinert
Panel: Konstantinos Katsanos, Michael Lichtenberg
- 12:30 – 12:37 Opening *Dierk Scheinert*
- 12:37 – 12:44 Device overview and mechanism of action *Michael Lichtenberg*
- 12:44 – 12:52 Case 1: ATK *Konstantinos Katsanos*
- 12:52 – 12:57 Q&A
- 12:57 – 13:05 Case 2: BTK *Michael Lichtenberg*
- 13:05 – 13:10 Q&A
- 13:10 – 13:15 Session recap and close *Dierk Scheinert*



- 13:30 – 15:15** **The last frontiers: Treatment of challenging CTO's, in-stent-restenoses and thrombus-containing lesions**
Moderators: Gary Ansel, Hans Krankenberg
Panel: Yvonne Bausback, Miguel Montero, Lieven Maene, Michael Piorkowski
 Zilverpass: 5-year results of DES vs bypass and economical analysis *Michel Bosiers*
 Should we be trying to remove thrombus before definitive treatment in subacute thrombotic CTO's *Gary Ansel*
- 13:30 – 13:36*
13:36 – 13:42
13:42 – 13:57 ■ *Recorded case presentation: Penumbra Lightning™; the intelligent aspiration system to have, designed for Frontline Aspiration in Acute Limb Ischemia Giovanni Pratesi*
13:57 – 14:03 Outcome of percutaneous mechanical thrombectomy followed by catheter directed thrombolysis *Yvonne Bausback*
14:03 – 14:09 Rotational atherectomy plus DCB for the treatment of SFA in-stent restenosis *Angelo Cioppa*
14:09 – 14:15 **FIRST TIME DATA RELEASE:**
 Final 24 months results of the Rotarex post market study *Michael Lichtenberg*
14:15 – 14:45 ■ *Live case transmission from Leipzig*
14:45 – 14:50 When femoral access is not working – alternative access methods for PAD treatment *Youssef Shehada*
14:50 – 14:56 BeBack crossing and re-entry catheter – my experiences (CTOs + sharp recanalisation) *Michael Lichtenberg*
14:56 – 15:02 Gore Viabahn for in-stent restenosis in the SFA evaluated at 3-years *Peter Soukas*
15:02 – 15:08 Update on the PQ-Bypass concept *Sean Lyden*
15:08 – 15:15 Live case wrap up and discussion
- 15:15 – 16:30** **The last frontiers: Interventional treatment of BTK and BTA vessels in diabetics**
Moderators: Luis Mariano Palena, Peter Schneider
Panel: Daniel van den Heuvel, Giacomo Clerici, Roberto Ferraresi
15:15 – 15:22 Why does medial artery calcification lead to SAD? A numerical model based analysis of endothelial shear stress could explain *Roberto Ferraresi*
15:22 – 15:52 ■ *Live case transmission from Abano Terme*
15:52 – 15:59 Technical success and clinical results of endovascular therapy in diabetic patients with high grade of medial artery calcification *Luis Mariano Palena*
15:59 – 16:06 What is the real prevalence of no-option anatomy amongst CLTI-patients? *Peter Schneider*
16:06 – 16:13 Diabetic foot: A syndrome that needs a multidisciplinary approach and multimodal therapy *Giacomo Clerici*
16:13 – 16:20 Home monitoring of tissue perfusion post PTA predicts clinical outcome of CLTI patients *Jean-Paul de Vries*
16:20 – 16:30 Live case wrap up and discussion

- 16:30 – 18:00 **The last frontiers: Interventional treatment of the common femoral and popliteal artery**
Moderators: Gary Ansel, Grigorios Korosoglou
Panel: Marcus Thieme, Aljoscha Rastan, Chris Metzger
- 16:30 – 16:37 Trans-radial access adoption in PAD – early results from RADIANCY study
Marianne Brodmann
- 16:37 – 16:44 Vessel preparation before DCB or stent – concept and evidence *Marcus Thieme*
- 16:44 – 17:14 ■ *Live case transmission from Leipzig*
- 17:14 – 17:21 Phoenix atherectomy in 500 patients with PAD *Grigorios Korosoglou*
- 17:21 – 17:28 MIMICS-3D comparison of 3-year results for BioMimics 3D used with and without DCBs *Michael Piorkowski*
- 17:28 – 17:35 PESTO-CFA interim analysis of the first half of the intended patient population
Aljoscha Rastan
- 17:35 – 17:42 Intravascular lithotripsy in combination with DCB for calcified SFA disease
Konstantinos Stavroulakis
- 17:42 – 18:00 Discussion and conclusion



- 08:00 – 09:15** **New insights and evolving techniques for TEVAR of Type B aortic dissections**
Moderators: Vicente Riambau, Frans Moll
Panel: Hans Krankenberg
 ■ *Live case transmission from Münster*
- 08:00 – 08:30 Optimal timing of thoracic endovascular aortic repair for uncomplicated Type B aortic dissection: A systematic review and meta-analysis *Vikram Puttaswamy*
- 08:30 – 08:35 Male-female differences in acute Type B aortic dissection: The DisSEXion study
Hence Verhagen
- 08:35 – 08:40 Prediction of the location at risk for intima dissection in TBAB *Frans Moll*
- 08:40 – 08:45 Endovascular repair of Type B aortic dissection importance of device design
 on outcomes *Theodoros Kratimenos*
- 08:45 – 08:50 Durability can only be achieved through continuous proximal seal:
 A decade of experience across multiple pathologies *Theodoros Kratimenos*
- 08:50 – 08:55 The Munich Valsalva maneuver for cardiac output reduction during EVAR
Nikolaos Tsilimparis
- 09:00 – 09:05 Lobato technique for endovascular treatment of complicated Type B aortic dissections
 with occlusion of the true lumen of the infrarenal aorta *TBD*
- 09:05 – 09:10 Anticoagulation in dissection: Yes we definitely should do it! *Mario Lachat*
- 09:10 – 09:15 Discussion and conclusion
- 09:15 – 10:00** **SYMPOSIUM: Standardization and evidence are essential to treating hostile AAA sealing zones**
 supported by Medtronic
Moderator: Kyriakos Oikonomou
Panel: Jean-Paul de Vries, Michel Reijnen, Konstantinos Donas
- 09:15 – 09:20 Introduction *Kyriakos Oikonomou*
- 09:20 – 09:28 Sealing-zone concept & outcomes for ESAR in wide neck *Kyriakos Oikonomou*
- 09:28 – 09:36 Sac regression with ESAR – What do the data tell us *Jean-Paul de Vries*
- 09:36 – 09:44 Outcomes for EnChEVAR in juxtarenal aneurysms *Michel Reijnen*
- 09:44 – 09:52 EnChEVAR patient selection and case planning *Konstantinos Donas*
- 09:52 – 10:00 Discussion and conclusion

- 10:00 – 11:45** **Innovative approaches and new techniques for EVAR in challenging juxtarenal anatomies**
Moderator: Giovanni Torsello
Panel: Reza Gothbi, Mario Lachat, Wei Guo, Konstantinos Donas, Stefano Fazzini
- 10:00 – 10:05 A meta-analysis of safety and efficacy of EVAR in aneurysm patients with angulated and hyperangulated neck *Giovanni Torsello*
- 10:05 – 10:15 ■ *Recorded case presentation: Managing the angulated infra-renal aortic neck with standard devices* *Giovanni Pratesi*
- 10:15 – 10:40 ■ *Live case transmission from Hamburg*
Focus on endosuture/endoanchors
- 10:40 – 10:45 HERCULES RCT design: Comparing the outcomes of ESAR and standard EVAR in wide neck AAAs *Michel Reijnen*
- 10:45 – 10:50 The effect of EndoAnchors on aneurysm sac regression for patients treated with infrarenal endovascular repair with hostile neck anatomies: A propensity scored analysis *Kyriakos Oikonomou*
- 10:50 – 10:55 3-year outcomes of endosuture aneurysm repair in patients with wide neck abdominal aneurysm from the ANCHOR registry *Michel Reijnen*
- 10:55 – 11:00 Endosuture aneurysm repair versus fenestrated aneurysm repair in patients with short-neck abdominal aortic aneurysm *Antoine Millon*
- 11:00 – 11:05 **FIRST TIME DATA RELEASE:**
 SOCRATES trial design: Physician-initiated trial comparing outcomes of ESAR and FEVAR in infrarenal short aortic neck aneurysms *Giovanni Torsello*
- Focus on Chimney technique**
- 11:05 – 11:10 EnChEVAR is a new frontier addressing complex abdominal aneurysm disease *Stefano Fazzini*
- 11:10 – 11:15 EnChEVAR is a safe and effective procedure, if you do it right *Konstantinos Donas*
- 11:15 – 11:20 ENCHANT trial interim analysis: CHEVAR technique for juxtarenal aneurysms *Giovanni Torsello*
- Focus on new devices and techniques**
- 11:20 – 11:25 Safety and efficacy of the WeFlow-JAAA stent graft system for juxtarenal AAA *Wei Guo*
- 11:25 – 11:30 Pararenal AAA: Experience with short custom made infracoeliac BEVAR *Mario Lachat*
- 11:30 – 11:35 Different case scenarios: Solution with funnel technique and SMFSG *H. Zafer Iscan*
- 11:35 – 11:45 Discussion and conclusion

- 11:45 – 12:30** **Choice of bridging stents in complex aortic repair:
What is available, what is the evidence?**
Moderator: Nikolaos Tsilimparis
Panel: Martin Austermann, Luca Bertoglio, Jorge Fernández Noya, Jean-Paul de Vries
- 11:45 – 11:49 3D geometrical analysis of bridging stentgrafts post FEVAR classifies modes of failures and guides reinterventions *Jean-Paul de Vries*
- 11:49 – 11:53 Bridging stent geometrical determinant of target vessel instability in FEVAR
Michele Piazza
- 11:53 – 11:57 Mid-term real-world evidence of VBX in fEVAR: Results from EXPAND postmarket registry *Aaron Fargion*
- 11:57 – 12:01 Update on FEVAR trial for bridging stents *Nikolaos Tsilimparis*
- 12:01 – 12:05 Single centre experience of bridging stent durability in FEVAR *Luca Mezzetto*
- 12:05 – 12:09 Preliminary experience and mid term results of VBX in combination with a fenestrated device. Key results and takeaways in real world setting *Mario Lescan*
- 12:09 – 12:13 Gore VBX as bridging stent in fenestrated and branched repair:
EMBRACE Study outlines and objectives *Luca Bertoglio*
- 12:13 – 12:17 VBX in bEVAR. 2-year follow-up from EXPAND registry and Münster experience
Martin Austermann
- 12:17 – 12:21 Update on BEVAR trial for bridging stents *Martin Austermann*
- 12:21 – 12:30 **Panel discussion**
- 12:30 – 13:15** **LUNCH SYMPOSIUM: I ♥ iBevar because ...**
supported by Artivion
Moderator: Hence Verhagen
Panel: Theodosios Bisdas, Sébastien Déglise, Said Abisi
- 12:30 – 12:40 ... it gives me consistent approach and results across pathologies (aneurysms, dissections, other) *Theodosios Bisdas*
- 12:40 – 12:50 ... I can use it in elective as well as emergent and urgent cases
Sébastien Déglise
- 12:50 – 13:00 ... multicenter data show consistent results *Said Abisi*
- 13:00 – 13:15 Discussion and conclusion
- 13:30 – 14:15** **Strategies to optimize the outcome of EVAR procedures:
What is available? What is useful? What is too much?**
Moderator: Marc van Sambeek
Panel: Hence Verhagen, Michel Reijnen, Daniela Branzan, Michele Piazza
- 13:30 – 13:38 The evolution of the aneurysms sac after EVAR: What do we know? *Hence Verhagen*
**Prophylactic embolization during EVAR to prevent Type 2 Endoleak:
Routine, selective, sac-focused?**
- 13:38 – 13:46 The Leipzig strategy: Technical details and results *Daniela Branzan*
- 13:46 – 13:56 **Panel discussion**
- Active aneurysm sac management during EVAR with sac filling technologies:**
What is available and when do I use it? *Michel Reijnen*
- 13:56 – 14:04 **Panel discussion**
- 14:04 – 14:15



- 14:15 – 17:00** **Pioneering solutions for complex TAAA and pathologies involving the aortic arch**
Moderators: Tilo Kölbel, Nikolaos Tsilimparis
Panel: Wei Guo, Mario Lachat, Michael Borger
- 14:15 – 14:20 Endoanchors can be safely deployed in the thoracic aorta to strengthen your sealing zones *Theodoros Kratimenos*
- 14:20 – 14:55 **■ Live case transmission from Hamburg**
- Focus on solutions for the left subclavian artery**
- 14:55 – 15:00 Onlabel InSitu LSA fenestration during TEVAR *Giovanni Pratesi*
- 15:00 – 15:05 Anatomical feasibility of needle in-situ fenestration of the left subclavian artery during TEVAR *Paola Scrivero*
- 15:05 – 15:10 Challenging case by Insitu Fenestration *Thomas Grube*
- 15:10 – 15:15 1-year results with the WeFlow graft for TEVAR with subclavian artery reconstructions *Wei Guo*
- 15:15 – 15:20 TEVAR in landing zone 2: How durable is the seal after debranching of the LSA *Jean-Paul de Vries*
- Focus on solutions for aortic arch aneurysms**
- 15:20 – 15:25 The optimal endovascular treatment of complex aortic arch aneurysms from simple scalloped to triple branch devices *Piotr Szopinski*
- 15:25 – 15:30 Development and clinical practice of minimally invasive treatment device for aortic arch *Chang Shu*
- 15:30 – 15:35 Nexus aortic arch system. Why it should be the first choice for zone 0-2 endovascular repair *Mario Lachat*
- 15:35 – 15:40 The GIANT study: Initial results with the WeFlow-Bubbranch stent-graft *Wei Guo*
- 15:40 – 15:45 Mid term outcome of endovascular repair of aortic arch aneurysm with a single side branch endoprotheses *Michael Dake*
- 15:45 – 15:50 Endovascular aortic arch repair with the transaxillary branch to branch technique to avoid exposure of the supra-aortic vessels. Initial experience *Nikolaos Tsilimparis*
- 15:50 – 15:55 State of the art surgical solutions for aortic arch reconstruction *Michael Borger*
- 15:55 – 16:25 **■ Live case transmission from Hamburg**
- Focus on overcoming challenging situations and managing/preventing complications**
- 16:25 – 16:30 Stroke prevention in TEVAR: New concepts to minimize brain damage *Tilo Kölbel*
- 16:30 – 16:35 A mechanical aortic valve is no reason not to perform arch branched repair at zone 0 – tips and tricks *Nikolaos Tsilimparis*
- 16:35 – 16:40 Redo procedures after T-Branch *Reza Gothbi*
- 16:40 – 16:45 How to manage TEVAR failures requiring open conversion *Andrea Kahlberg*
- 16:45 – 17:00 Discussion and conclusion

09:00 – 10:15

Scrub in with the expert: Carotid interventions*Moderators: Ralf Langhoff, Arne Schwindt**Panel: Andrea Kahlberg, Gianmarco de Donato, Piotr Musialek, Eugenio Stabile*
■ *with Andrej Schmidt live from Leipzig*Comparison of new-generation double-mesh carotid stents
with old-generation devices *Andrea Kahlberg*OCT-analysis of CAS cases – the benefit of Micro-NET *Gianmarco de Donato*

10:15 – 11:00

SYMPOSIUM: Interwoven nitinol stent:**Experts experience beyond the Superficial Femoral Artery**

supported by Abbott Vascular

*Moderator: Koen Deloose**Panel: August Ysa, Ralf Langhoff*

10:15 – 10:30

State of the art: My experience with interwoven nitinol stent *Ralf Langhoff*

10:30 – 10:40

Discussion

10:40 – 10:50

■ *Recorded case presentation: CFA: From no go to why not?* *August Ysa*

10:50 – 11:00

Discussion

11:00 – 12:30

Scrub in with the expert: BTK interventions*Moderator: Edward Choke, Roberto Ferraresi**Panel: Francesco Liistro, Erwin Blessing*■ *with Marco Manzi live from Abano Terme*Cost/benefit analysis of primary retrograde distal access compared
to bail-out distal access in CLI *Luis Mariano Palena*Predictors for technical failure in retrograde recanalisation *Erwin Blessing*The wire crossed the lesion, the balloon doesn't: What else? *Roberto Ferraresi*



12:30 – 13:15

LUNCH SYMPOSIUM:
supported by Concept Medical

13:30 – 15:30

LINC Compact – Hot topics 2023
Innovative-Relevant-Controversial – part I

Moderators: Steven Kum, Dierk Scheinert

Panel: Chris Metzger, Yann Gouëffic, Ralf Langhoff

Critical limb-threatening ischemia and BTK interventions

13:30 – 13:37

Treatment of CLTI after BEST-CLI and BASIL 2: Implications for our practice
Peter Schneider

13:37 – 13:44

What is really BEST interventional practice to treat CLI? *Luis Mariano Palena*

13:44 – 13:51

Deep venous arterialization for patients with CLTI: Real hope or hype?

Arne Schwandt

13:51 – 13:58

New approaches for assessment of procedural outcomes and surveillance
Marianne Brodmann

13:58 – 14:15

Panel discussion

Carotid interventions

14:15 – 14:22

Best practice for carotid interventions in 2023 *Ralf Langhoff*

14:22 – 14:29

Why is TCAR through direct puncture of the carotid artery a valid alternative?

Peter Schneider

14:29 – 14:34

Panel discussion

Aortoiliac and femoral interventions

14:34 – 14:41

Advanced techniques for aortoiliac and femoral CTO's:

The value of alternative access routes *Yvonne Bausback*

14:41 – 14:48

Are covered stents the new standard for aortoiliac interventions in 2023?

14:48 – 14:55

Yes, results with covered stents are generally superior *Maria Antonella Ruffino*

14:55 – 15:00

No, bare metal stents are mostly sufficient *Giovanni Federico Torsello*

Panel discussion

Drug-eluting devices in the femoropopliteal segment: Pro and Contra

15:00 – 15:07

Standards for lower extremity artery disease evaluation with IVUS:

Japanese expert consensus' *Masahiko Fujihara*

15:07 – 15:14

Paclitaxel coated devices set the benchmark and are here to stay

Ramon Varcoe

15:14 – 15:21

Sirolimus and other –limus drug coatings will be the future *Sahil Parikh*

15:21 – 15:30

Panel discussion

15:30 – 17:00	<p>LINC Compact – Hot topics 2023 Innovative-Relevant-Controversial – part II <i>Moderators: Ramon Varcoe, Vicente Rimbau</i> <i>Panel: Ulf Teichgräber, Erin Murphy, Daniela Branzan</i></p> <p>Endovascular aortic repair Endovascular aortic repair in 2023: What can be done with standard devices? <i>Vicente Rimbau</i></p> <p>15:30 – 15:37 Latest innovations for complex procedures: What is most promising? <i>Tilo Kölbl</i> 15:37 – 15:44 Complications during EVAR: Strategies to prevent them? <i>Daniela Branzan</i> 15:44 – 15:51 15:51 – 15:56 Panel discussion</p> <p>Embolization therapies 15:56 – 16:03 Principles of tumor therapy: What is established, what is new? <i>René Aschenbach</i> 16:03 – 16:10 Stop bleeding! Techniques, tips, and tricks to manage bleeding in various locations <i>Anna Maria Ierardi</i></p> <p>16:10 – 16:17 Latest indication for embolization therapies critically revisited <i>Walter Wohlgemuth</i></p> <p>16:17 – 16:22 Panel discussion</p> <p>Venous interventions When are venous interventions indicated and what do we know about their outcome? 16:22 – 16:29 Venous recanalisation is effective and should be used in more patients <i>Michael Lichtenberg</i></p> <p>16:29 – 16:36 Many data on venous interventions are still missing and indications for treatment should be made very selectively <i>Houman Jalaie</i></p> <p>16:36 – 16:41 Panel discussion 16:41 – 16:48 Thrombus removal in acute VTE: What is new and what works best? <i>Michael Piorkowski</i></p> <p>16:48 – 16:55 Interventional treatment for patients with chronic venous occlusions – When and how? <i>Erin Murphy</i></p> <p>16:55 – 17:00 Panel discussion</p>
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09:00 – 09:45	Challenging cases and complications: Venous <i>Moderators: Ayman Al Sibaie, Kush Desai</i>
09:00 – 09:05	Compression of the iliac veins caused by endovascular aortic aneurysm repair <i>Wail Asfour</i>
09:05 – 09:10	IVC and Hepatic vein thrombosis in antiphospholipid syndrome <i>Nasser Algharem</i>
09:10 – 09:15	Off label use of atrial septal occluder in huge arterio-venous malformation with giant aneurysm <i>Mohammed Ghonem</i>
09:15 – 09:20	Right ovarian vein thrombosis and post partum left LE DVT <i>Nasser Algharem</i>
09:20 – 09:25	The “IRANI” procedure and its role in salvaging arteriovenous fistulas <i>Umair Munawar</i>
09:25 – 09:30	Challenging cases with vascular access <i>Viswas Thazhathidath</i>
09:30 – 09:35	Endovascular management of renal arteriovenous fistula and associated venous aneurysm <i>Jesse Chait</i>
09:35 – 09:45	Discussion and conclusion
09:45 – 10:30	Challenging cases and complications: EVAR <i>Moderator: Jean-Paul de Vries</i>
09:45 – 09:50	A pyramid technique – a solution for a conical neck <i>Lukasz Dzieciuchowicz</i>
09:50 – 09:55	A simultaneous balloon aortic valvuloplasty and endovascular abdominal aortic repair in a high-risk patient with a symptomatic abdominal aortic aneurysm <i>Lukasz Dzieciuchowicz</i>
09:55 – 10:00	Emergent endovascular treatment of a rare case of streptococcus equi-related aortic rupture: Could a balloon expandable aortic stent graft represent a valid alternative device? <i>Paola Scrivere</i>
10:00 – 10:05	Type II endoleaks and their unique approaches <i>Umair Munawar</i>
10:05 – 10:10	Open arteriotomy to manually deploy EVAR stent graft as a solution to avoid graft explantation after the delivery system sheath is completely disrupted during deployment <i>Ginthasuphang Wangsapthawi</i>
10:10 – 10:30	Discussion and conclusion
10:30 – 11:00	Update on innovations, clinical trials, and new data – treatment of peripheral arterial disease – carotid <i>Moderators: Eugenio Stabile, Piotr Musialek</i>
10:30 – 10:35	Transcervical endovascular treatment of single innominate or common carotid artery stenosis – a meta-analysis <i>George Galyfos</i>
10:35 – 10:40	Incidence of plaque protrusion during carotid artery stenting using micromesh stent <i>Katsutoshi Takayama</i>
10:40 – 10:45	Long-term results of hybrid and endovascular treatment of multilevel lesions of brachiocephal arteries <i>Mikhail Chernyavskiy</i>
10:45 – 10:50	A randomized trial of carotid revascularisation with a two-layer stent (CGuard) comparing early neurologic outcomes with distal and proximal anti-embolic devices (The SIBERIA II trial) <i>Olesia Osipova</i>
10:50 – 10:55	Acute Stroke of CARotid Artery Bifurcation Origin Treated With Use of the MicronEt-covered CGUARD Stent (SAFEGUARD-STROKE, NCT05195658) <i>Lukasz Tekieli</i>
10:55 – 11:00	Discussion and conclusion

11:00 – 12:30	Update on innovations, clinical trials, and new data – treatment of peripheral arterial disease – general and AV shunt <i>Moderator: Panagiotis Kitrou</i>
11:00 – 11:05	Sentante – the first fully robotic endovascular thrombectomy <i>Tomas Baltrunas</i>
11:05 – 11:10	Acute arterial occlusions in Covid-19 times: A comparison study among patients with acute limb ischemia with or without Covid-19 infection <i>Rafael de Athayde Soares</i>
11:10 – 11:15	Analysis and results of pharmacomechanical thrombectomy with Angiojet in acute arterial occlusions: A prospective comparison study among the number of cycles and outcomes <i>Rafael de Athayde Soares</i>
11:15 – 11:20	Bailout utilization of Tirofiban for distal embolization/acute thrombosis during endovascular management in patients with peripheral arterial occlusive disease <i>Amr Eissa</i>
11:20 – 11:25	Indigo™ thrombectomy system for the treatment of acute occlusion of the superior mesenteric artery <i>Giovanni Coppi</i>
11:25 – 11:30	Endothelial function in patients with critical and non-critical limb ischemia undergoing endovascular treatment <i>Paweł Kaczmarczyk</i>
11:30 – 11:35	Use of suture mediated closure device in the treatment of femoral artery pseudoaneurysms <i>Ankur Patel</i>
11:35 – 11:40	Comparative outcomes in percutaneous radiological gastrostomy placement techniques <i>Umair Munawar</i>
11:40 – 11:45	Sirolimus coated balloons vs plain balloons for dysfunctional AV access in end stage renal disease patients <i>Gireesh Reddy Giddaluru</i>
11:45 – 11:50	Utility of Devansh Ram technique – a novel technique to provide dialysis access in ESRD patients with multiple vascular access failure and thoracic central venous obstruction (TCVO) <i>Gireesh Reddy Giddaluru</i>
11:50 – 11:55	A novel technique of utilising anatomical snuff box for fistula intervention <i>Gouri Sateesh</i>
11:55 – 12:00	Comparison of Reteplase and Urokinase for pharmacomechanical thrombolysis of clotted hemodialysis access in ESRD population <i>Atihish Iyyappa</i>
12:00 – 12:05	Utility of Reteplase in management of dysfunctional vascular access in ESRD patients <i>Prasanna Bhat</i>
12:05 – 12:30	Discussion and conclusion

- 12:30 – 13:30** **Challenging cases and complications: TEVAR**
Moderators: Marc van Sambeek, Martin Malina
- 12:30 – 12:35 Percutaneous assistance to aortic open surgery for ascending aorta pseudoaneurysms *Marco Anzini*
- 12:35 – 12:40 Endovascular management of Aorto-cava fistula due to thoracoabdominal stab trauma: A rare case report in a Level I hospital in Colombia
Camilo Andres Bautista Vacca
- 12:40 – 12:45 Staged hybrid treatment of pseudoaneurysm of subclavian-aortic bypass as late complication for aortic interruption surgical correction *Jesus Garcia*
- 12:45 – 12:50 Transapical endovascular stent-graft and plug embolization for suture line ascending aorta pseudoaneurysm repair: Do we reach the moon from the front door
Tamer Khafagy
- 12:50 – 12:55 Endovascular treatment of an ascending aorta pseudo-aneurysm with cutaneous fistula using trans-apical approach *Marek Majewski*
- 12:55 – 13:00 Accidental coverage of left common carotid artery after TEVAR for DeBakey Type III aortic dissection – case report *Nadelin Nikolov*
- 13:00 – 13:05 Bail out method with Outback® for the false lumen insertion of the frozen elephant trunk for Type A dissection *Shiro Onozawa*
- 13:05 – 13:10 Challenging plug closure for ascending aortic pseudoaneurysms post TAVI using Evolut-Pro *Yoshiaki Katada*
- 13:10 – 13:15 A failed full deployment of a thoracic aortic stent-graft managed successfully by a balloon dilatation and rapid pacing induced hypotension *Lukasz Dzieciuchowicz*
- 13:15 – 13:30 Discussion and conclusion
- 13:30 – 14:45** **Update on innovations, clinical trials, and new data – EVAR**
Moderators: Giovanni Torsello, Antoine Millon
- 13:30 – 13:35 Initial experience with the dual branch NEXUS DUO™ aortic arch stent graft system *Theodosios Bisdas*
- 13:35 – 13:40 E-nside TAAA multibranch stent graft in the treatment of thoracoabdominal aortic aneurysms (TAAA): Early results of the INNER-B study *TBD*
- 13:40 – 13:45 A systematic review and meta-analysis of outcomes of stent-graft complexity for the management of complex abdominal aortic aneurysms *Ozan Yazar*
- 13:45 – 13:50 Automatic aortic volume measurement using innovative AI solution EndoArt
Tomas Baltrunas
- 13:50 – 13:55 A New Technique of endovascular scissoring to manage visceral malperfusion in complicated post chronic Type B dissection ruptured thoracic aortic aneurysm
Ayman El Samadoni
- 13:55 – 14:00 Initial results of physician-modified inner branched endovascular repair in high surgical risk patients *Tsuyoshi Shibata*
- 14:00 – 14:05 Preliminary experience with intravascular lithotripsy and low profile endografts in endovascular abdominal aneurysm repair with heavily calcified access
Federico Francisco Pennetta
- 14:05 – 14:10 Misalignment in FEVAR. Technique to ensure cannulation of target arteries in PMEG: In vitro test. Proposal for an off the shelf device *Ciro Baeza*
- 14:10 – 14:15 Morphological and functional analysis of endovascular repair with embedded modular branched stent graft for aortic arch aneurysm *Xuehuan Zhang*
- 14:15 – 14:20 The E-tegra stent graft system in the treatment of infrarenal aortic aneurysms: First results of the European multicentre EASY study *Michel Reijnen*
- 14:20 – 14:45 Discussion and conclusion

- 14:45 – 16:00** **Challenging cases and complications: PVD/femoral**
Moderators: Jos van den Berg, Sigrid Nikol
- 14:45 – 14:50 Complications after fogarty catheter embolectomy – peroneal pseudoaneurysm and arteriovenous fistula *Tiago Ribeiro*
- 14:45 – 14:55 IVUS guided endoluminal bypass in a case of long occlusive femoral disease
Enrique García de la Cruz
- 14:55 – 15:00 A case of successful treatment with EVT for CFA occlusion after stent grafting for abdominal aortic aneurysm *Shigehiro Ishigaki*
- 15:00 – 15:05 Modified sheath reversal and performing one-stage angioplasty of both CLTI's legs using one CFA access *Andrey Ivanov*
- 15:05 – 15:10 A case of acute lower limb ischemia in the long-term period after femoropopliteal bypass surgery, that was successfully treated with hybrid therapy *Ryo Shibata*
- 15:10 – 15:15 Angioseal stuck anchor unlocking method *Andrey Ivanov*
- 15:15 – 15:20 Revascularization of critical limb ischemia due to popliteal artery aneurysm thrombosis with rotational mechanical thrombectomy and braided self-expanding stents *Yaroslav Kulikovskikh*
- 15:20 – 15:25 Endovascular treatment of giant groin pseudoaneurysm after large bore closure device implantation – case report *Nadelin Nikolov*
- 15:25 – 15:30 Acute limb ischemia with multiple stenotic lesions *Sunghoon Yoon*
- 15:30 – 16:00 Discussion and conclusion

09:00 – 13:00

“Great Saves and Big Disasters”: Pioneering techniques and management of complications in PAOD treatment*Moderators: Jos van den Berg; Ralf Langhoff**Panel: Erwin Blessing, Tatsuya Nakama, Nilo Mosquera*■ *Continuous live case transmission from Leipzig*

FLASH PRESENTATIONS:

High output cardiac failure due to iatrogenic iliac-caval fistula, treated with aorto iliac reconstruction double barrel stent graft *Andrea Pellegrin*
 CERAB for an infrarenal aortic epithelioid angiosarcoma causing critical limb ischemia in a 80-year-old patient *Luca Rossi*

Complete endovascular treatment of bilateral CLI caused by subacute Leriche-Syndrome *Anne Sohr*

Covered endovascular reconstruction of the aortic bifurcation with inferior mesenteric artery chimney (ChERAB) for the management of bilateral lower extremity tissue loss with concomitant mesenteric stenosis *Jesse Chait*

A case of virtual PQ Bypass using double snare-piercing technique *Eiji Koyama*
 Spontaneous aneurysmal degeneration healing after drug-eluting stent placement observed using optical frequency domain imaging
Tomofumi Tsukizawa

Use of the REBORN technique for pedal retrograde access vascular access in two challenging cases with critical limb-threatening ischaemia *Ankur Patel*

Piercing technique in critical limb ischaemia *Ana Paula Mollon*

Thrice distal puncture below the ankle for successful revascularization in a single endovascular treatment session *Tetsuya Nomura*

A novel technique for proximal anterior tibial artery occlusion with severe calcification using direct puncture with Shoot the Needle Into the PErpendicular calcified Ring (SNIPER) technique *Masanaga Tsujimoto*

09:00 – 13:00

“Great Saves and Big Disasters”: Pioneering techniques and management of complications in EVAR*Moderators: Marc van Sambeek, Giovanni Torsello**Panel: Nikolaos Tsilimparis, Martin Malina, Daniela Branzan, Piotr Kasprzak, Spiridon Botsios*■ *Continuous live case transmission from Hamburg*■ *Continuous live case transmission from Münster*

FLASH PRESENTATIONS:

EVAR for ruptured TAAA: Tips and tricks *Giovanni Torsello*

Open repair of thoracoabdominal aortic aneurysm Type IV with home-made graft using the new modified branch-first technique with an axillary

perfusion branch: First case report in Colombia *Viviana Orozco-Martin*Aorto-caval fistula complicating an aorto-iliac aneurysm in the context of Ehlers-Danlos disease: Which therapeutic strategy *Yassine Khadhar*

Penetrating abdominal aortic ulcer endovascular treatment:

Could ultra-low profile endograft be considered the first choice?

A single center experience *Paola Scrivere*

Simultaneous endovascular aortic stenting and reposition of misplaced instrument for iatrogenic spinal screw penetration into abdominal aorta

*Chinapath Vuthivanich*Management of aneurysmal expansion after Type B dissection *Reza Gothbi*

A PETTICOAT stent-graft procedure utilizing the Zenith Dissection

Endovascular system, in an unusual case of Type B aortic dissection, with distal aortic pseudoaneurysm *Lucas Ferrer*

False lumen embolization in a case of ruptured acute aortic dissection

*Mahmoud Nasser*Lessons learned after percutaneous axillary access for complex TEVAR in hundreds of patients *Daniela Branzan*New stent-graft concept for IA endoleak after EVAR with short main body *Piotr Kasprzak*Early Type III endoleak associated to persistent Type II endoleak after FEVAR *Ilaria Ficarelli*

Electronic posters will be displayed from 08:00 – 18:00
in front of Main arena 1

- 11:00 – 11:55** **Moderated poster round**
Challenging cases: AV, Venous, Visceral
Juror: Ramon Varcoe
- 11:00 – 11:05 Endovascular removal of a dislodged Supera stent from a dialysis access arterio-venous graft *Ankur Patel*
- 11:05 – 11:10 Mechanical thrombectomy in acute thrombosis of dialysis arteriovenous fistulae *Safa Riahi*
- 11:10 – 11:15 Spectrum of complications associated with hemodialysis catheter insertion *Aditya Shetty H*
- 11:15 – 11:20 Innovative and effective solution for treating dysfunctional AV access *Ranjitha Siddalingappa*
- 11:20 – 11:25 Large pulmonary emboli and paradoxical embolism treated with catheter directed thrombolysis *Umair Munawar*
- 11:25 – 11:30 Challenging endovascular treatment of a cephalic arch stent fracture in brachio-cephalic arteriovenous fistulae *Safa Riahi*
- 11:30 – 11:35 Acoustic pulse thrombolysis (EKOS), and a suprarenal inferior vena cava filter for the treatment of extensive Inferior Vena Cava thrombosis over pervious Inferior vena cava filter in a case of antithrombin III deficiency *Mahmoud Elmeniesy*
- 11:35 – 11:40 Iliac vein compression with significant limb swelling caused by lumbosacral exostosis. Its elimination by iliac vein stenting *Andrey Ivanov*
- 11:40 – 11:45 A successful case of catheter-directed thrombolysis in a patient with deep vein thrombosis due to idiopathic eosinophilia *Takehiko Kido*
- 11:45 – 11:50 Successful retrieval of an intravascular foreign body using ONE Snare® system *Umair Munawar*
- 11:50 – 11:55 Surgical bail out after failed endovascular revascularisation for mesenteric ischaemia in systemic lupus victim *Ayman El Samadoni*

Electronic posters will be displayed from 08:00 – 18:00
in front of Main arena 1

13:00 – 13:45

Moderated poster round

Challenging cases: Carotid, Embolization, Iliac, Renal

Jurors: Sigrid Nikol, Giovanni Federico Torsello

13:00 – 13:05

Isolated radial artery injury at the forearm in a 22-year patient with massive blood loss: repair or ligate? A case report *Ayman Khalil*

13:05 – 13:10

TCAR with intolerance to flow reversal *Ansab Haider*

13:10 – 13:15

Combined Splenic artery aneurysm coiling and UAE *Nasser Algharem*

13:15 – 13:20

Management of atypical Hemangioma with Kyphoplasty
Umair Munawar

13:20 – 13:25

Post PCNL refractory hematuria *Nasser Algharem*

13:25 – 13:30

Mid-term result of endovascular revascularisation of TASC D AIOD aortic occlusion in a low ejection fraction spiritual-guide man with Unibody Endograft *Jaroen Cheewinmethasiri*

13:30 – 13:35

Acute complication in endovascular management of aortoiliac disease: Report of a challenging case with unexpected solutions and good results *Viviana Orozco-Martin*

13:35 – 13:40

A case of juvenile hypertension treated with percutaneous renal angioplasty for right renal artery stenosis *Shuro Narui*

13:40 – 13:45

Acute embolic renal ischemia – Successful thromboaspiration with off-label devices *Tiago Ribeiro*

Electronic posters will be displayed from 08:00 – 18:00
in front of Main arena 1

10:30 – 11:05

Moderated poster round

Original research: BTK, CLI, PVD, SFA

Jurors: Ralf Langhoff, Francesco Liistro

10:30 – 10:35

Outcome of catheter directed thrombolysis for popliteal or infrapopliteal acute arterial occlusion *Amr Aborahma*

10:35 – 10:40

Single tibial artery angioplasty *Hesham Sharaf Eldin*

10:40 – 10:45

Laxative prescription and number of drugs are useful for prognostic stratification in LEAD patient *Tamon Kato*

10:45 – 10:50

Vascular closure devices in the endovascular treatment of aortic coarctation *Parham Sadeghipour*

10:50 – 10:55

Underutilization of guideline-recommended therapy in patients 80 years and older with peripheral artery diseases *Daniel Messiha*

10:55 – 11:00

Lipoprotein (a) as a potential risk factor for thrombosis in patients with superficial femoral artery disease *Shigeyasu Tsuda*

11:00 – 11:05

A comparison of pharmaco-mechanical thrombolysis and catheter-directed thrombolysis for treatment of thromboembolic occlusion of lower limb – an observational case-control study *Chung-Ho Hsu*

Electronic posters will be displayed from 08:00 – 18:00
in front of Main arena 1

- 13:30 – 14:25** **Moderated poster round**
Challenging cases: EVAR, Supraaortic, TEVAR
Jurors: Giovanni Torsello, Martin Malina
- 13:30 – 13:35 Tools and techniques used to address difficult to catheterize visceral branches during endovascular t-branch and thoracic and abdominal endovascular graft repair *Robert Abraham*
- 13:35 – 13:40 Two thoracoabdominal aneurysms, one ruptured, and the other in imminent rupture, urgent and emergent endovascular management treated with T-branch multigraft stent grafts *Camilo Andres Bautista Vacca*
- 13:40 – 13:45 Alternativ access options for tevar in case of complications: Case report of posttraumatic aneurysm treatment *Mikhail Chernyavsky*
- 13:45 – 13:50 How to manage challenging target visceral vessel cannulation in complex aortic procedures *Ilaria Ficarelli*
- 13:50 – 13:55 Interventional repair of a vascular aneurysm in a patient with Marfan syndrome *Mohammed Ghonem*
- 13:55 – 14:00 Alternatives for endovascular treatment of patients with abdominal aortic aneurysm (AAA) and hostile anatomy: Effective application of a technique in two cases *Viviana Orozco-Martin*
- 14:00 – 14:05 Management of failed endovascular repair of endoleak after EVAR
Ruben Piraino
- 14:05 – 14:10 Subclavian pseudoaneurysm presenting with hemoptysis *Tiago Ribeiro*
- 14:10 – 14:15 A case of EVT for acute brachial arterial thrombosis *Tatsuki Fujioka*
- 14:15 – 14:20 Endovascular treatment of an iatrogenic extracranial carotid-jugular arteriovenous fistula *Tiago Ribeiro*
- 14:20 – 14:25 Successful TEVAR in unstable thoracic aortic aneurysm (impending rupture) with intramural hematoma presenting with acute ischemic stroke
Markz RMP Sinurat

Electronic posters will be displayed from 08:00 – 18:00
in front of Main arena 1

- 11:00 – 11:45** **Moderated poster round**
Original research: EVAR, AV, ILIAC, Venous, Visceral
Jurors: Peter Goverde, Martin Malina
- 11:00 – 11:05 Controversies of revisional surgery in management of steal syndrome due to haemodialysis access *Hesham Sharaf Eldin*
- 11:05 – 11:10 Feasibility and preliminary results of combined use of Gore Iliac Branch Endoprosthesis and Gore Viabahn VBX *Alessandra Fittipaldi*
- 11:10 – 11:15 2-year outcomes with Bentley BeGraft as bridging stent-grafts for reno-visceral target vessels during fenestrated endovascular aortic repair *Luca Mezzetto*
- 11:15 – 11:20 Single-center experience with inner branched endograft for the treatment of pararenal abdominal aortic aneurysms *Michaël Huysmans*
- 11:20 – 11:25 Safety and feasibility of Dynetic-35 cobalt chromium balloon-expandable stent for the treatment of atherosclerotic iliac lesions via a trans-radial approach
Egor Nazarov
- 11:25 – 11:30 Experience with SQ 53, a novel, patented anti-microbial solution, in management of long-term and medium term central venous catheters *Gireesh Reddy Giddaluru*
- 11:30 – 11:35 1-year duplex ultrasound–assessed closure outcomes of percutaneous endovenous microwave ablation for the treatment of varicose veins of the lower limbs
Tamer Ezzat
- 11:35 – 11:40 Validation of Caprini’s Saphenous Ablation Scores *Ayman Fakhry*
- 11:40 – 11:45 Shockwave intravascular lithotripsy in revascularisation of calcified superior mesenteric artery: A single-center experience *Carmen González Canga*

Electronic posters will be displayed from 08:00 – 18:00
in front of Main arena 1

- 13:00 – 13:55** **Moderated poster round**
Challenging cases: BTK, CLI, Femoral, PVD, SFA
Jurors: Sigrid Nikol, Jos van den Berg
- 13:00 – 13:05 Alternative arterial access in PAD *Wail Asfour*
13:05 – 13:10 A case report: Saving the limb of a 70-year patient with critical limb ischemia after COVID-19 related major arterial thrombosis *Ayman Khalil*
- 13:10 – 13:15 Staged PTA of lower extremity in advanced diabetic foot
Seyedmohammadreza Mousavisaadatabadi
- 13:15 – 13:20 Percutaneous intervention to treat failed Angio-Seal deployment *Wail Asfour*
13:20 – 13:25 Hybrid treatment of critical limb ischemia in a patient with multilevel peripheral arterial disease and high risk for bleeding – a challenging case
George Galyfos
- 13:25 – 13:30 Limb flexion-induced axial compression of bare metal stent
Pang Shuo Huang
- 13:30 – 13:35 Remote endarterectomy of external iliac (EIA) and Superficial Femoral arteries (SFA) as a successful inflow for Anterior tibial artery (ATA) bypass graft; an alternative to inadequate vein conduit length *Ragai Makar*
- 13:35 – 13:40 The optimization techniques to use the intravascular imaging technology for peripheral endovascular intervention in patients with peripheral arterial disease *Saritphat Orrapin*
- 13:40 – 13:45 Multiple complications during femoro-popliteal angioplasty
Mohammadreza Radpey
- 13:45 – 13:50 Vascular injury after knee dislocation is a limb-threatening condition that should not be missed. A case report *Ayman Khalil*
- 13:50 – 13:55 Undersized Supera stent in the superficial femoral artery can work as a coil
Wail Asfour

SHUTTLE SERVICE

We offer our participants a shuttle service to and from the Messe Leipzig.

Bus shuttles will be leaving every morning.

- **Tuesday, 6 June 2023 at 07:00am**
- **Wednesday, 7 June 2023 at 07:15am**
- **Thursday, 8 June 2023 at 07:15am**
- **Friday, 9 June 2023 at 08:15am**

in front of the following hotels:

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

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

PUBLIC TRANSPORTATION

Transit to and from the Congress Center:

From the city center:

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

From the airport:

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

Industry support

We would like to sincerely thank the following companies for their generous support of LINC 2023.

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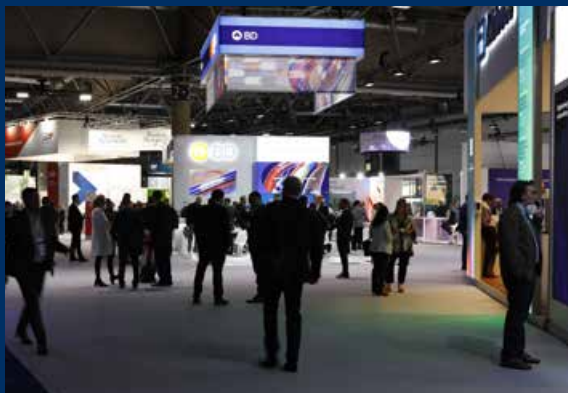
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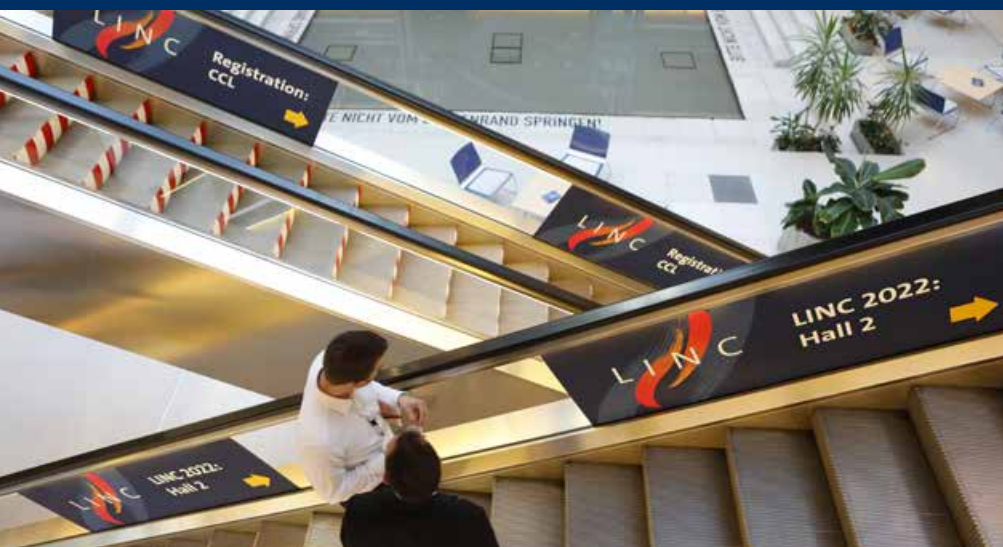
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PROVASCULAR

Provascular GmbH

CEO Joshua Hartmann

Paul-List-Straße 11

04103 Leipzig

Germany

E.mail: jhartman@hmpglobal.com

www.leipzig-interventional-course.com

www.provascular.de