

LEIPZIG
INTERVENTIONAL
COURSE
2018

Preliminary programme

LIN C

30.1.–2.2.2018

Trade Fair Leipzig, Hall 2
Messe-Allee 1, 04356 Leipzig,
Germany

www.leipzig-interventional-course.com

Preliminary programme

Welcome to LINC 2018

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 Europe and North America as live transmission sites, as well as the presence of interventional experts as guest operators in our cathlabs and operating rooms 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 2018.



GENERAL INFORMATION

The Venue

Trade Fair Leipzig, Hall 2
Messe-Allee 1
04356 Leipzig, Germany
www.leipziger-messe.de

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 700 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 500 seats, is dedicated to detailed discussions of featured live and recorded cases and interdisciplinary debates.

Room 4 – Discussion forum

4

This amphitheatre-style room has a capacity of approximately 200 seats and will feature sessions with specific technical focus, as well as on controversial interdisciplinary debates.

Room 5 – Global expert exchange forum

5

Renowned experts from around the globe will present challenging case reviews. Region-specific experiences and techniques will be discussed with an interdisciplinary faculty. The programme will be supported with selected pre-recorded and live cases.

Room 6 and 7 – Speakers' corner

6

7

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

LINC AROUND THE WORLD

The educational goal of LINC is to stimulate an interdisciplinary discussion on the basis of the scientific evaluation of the different techniques, used for the endovascular treatment in the daily practice. The seminal work over the past years permitted to extend our collaboration to different international leading courses.

LINC Asia-Pacific

In 2017, LINC Asia-Pacific was arranged for the eighth time, attracting 689 attendees from the Asia-Pacific region. LINC Asia-Pacific 2018 will take place from March 13 to 15, 2018, at the AsiaWorld-Expo in *Lantau, Hong Kong*. LINC Asia-Pacific will focus on the demonstrations of interventional techniques, presenting multiple live cases and interdisciplinary discussions.

LINC@CICE 2018

April 19, 2018, WTC Theater, Sheraton São Paulo WTC Hotel, *São Paulo, Brazil*

LINC@Charing Cross 2018

April 25, 2018, Olympia Grand, *London, United Kingdom*

LINC New York@Mount Sinai

June 11 to 13, 2018 in conjunction with the 21st CCVVC-Course, Mount Sinai Hospital, *New York, USA*

LINC@CCT

will feature selected topics and pre-recorded cases, dedicated to the treatment of patients with complex vascular diseases. October 25 to 27, 2018, Kobe International Exhibition Hall and Portpia Hotel, *Kobe, Japan*

LINC@CEC

November 1 to 4, 2018, Shanghai International Convention Center, *Shanghai, China*

LINC@VIVA Conference

November 5 to 8, 2018, Wynn Las Vegas, *Las Vegas, USA*

LINC@VEITHsymposium

November 13 to 17, 2018, New York Hilton-Midtown, *New York, USA*

LINC Australia/VERVE Symposium

December 6 to 8, 2018, International Convention Centre (ICC), *Sydney, Australia*

LINC@SITE 2019

March 29 to 31, 2019, School of Medicine, University of Barcelona, *Barcelona, Spain*

Visit the LINC around the world website for updates:

www.linc-around-the-world.com

Nurse and technician session @ LINC

Due to the great success in the past years, LINC 2018 will feature a nurse and technician session again. The content is developed in cooperation with cath lab personnel in order to provide a maximum correlation to daily routine.

My most interesting case

- Carotid stenting
- Complex femoropopliteal case
- Endovascular aortic repair
- Infrapopliteal recanalisation

Advanced technologies in peripheral interventions

- Optical coherence tomography in peripheral interventions
- Radiation protection – from global to local?
- Drug eluting balloons: Update
- Drug eluting stents: Update
- Adventitial drug infusion to prevent restenosis

Miscellaneous

- Diagnostic steps in cerebral arterial disease
- Reducing contrast induced renal insufficiency
- Radiation safety
- Stenting or surgery for common femoral artery stenosis
- Venous stenting
- Endoluminal treatment of varicose veins

Critical limb ischemia

- Improving CLI care – A multidisciplinary challenge
- Non invasive diagnosis in CLI
- Assessment of microcirculation in CLI
- Cardiovascular disease in CLI patients

The format will allow an informal discussion with participation of the audience after each theme complex. A round table will enable you to ask questions and get the answers you do not get anywhere else.

Do not miss, get interactive in the nurse and technician session @ LINC.



Get the LINC 2018 app for iPhone, iPad, and iPod



Programme

sort the LINC programme by day, room, or faculty member and view selected lectures the following day.



Exhibitors

view the list of all LINC exhibitors and find their location on our interactive floorplan.



Live Cases

sort the LINC live cases by day, center, or operator and review your favorite live cases the following day.



General Information

get all important informations about and around LINC to organise your personal LINC visit.



Faculty

find the schedule of your favourite faculty members.



Get the LINC app now! With a QR reader or visit the app store.



This app is made possible by the friendly and generous support of



In 2018 we are very happy to continue extending our international collaboration with leading vascular courses:



CX@LINC 2018

Sharing the vision of interdisciplinary collaboration as the basis of innovation and patient care, we are proud to continue our productive partnership with the Charing Cross meeting by providing a dedicated CX@LINC programme. The involved faculty will discuss controversial topics, challenge the evidence and take part in a series of head-to-head debates to reach a consensus after discussion.



VIVA@LINC 2018

VIVA – one of the leading multidisciplinary endovascular courses in the United States has defined excellence in professional education in the field of vascular medicine over the years. As part of a close collaboration, we are very happy to introduce live cases broadcasted from featured VIVA live sites.

VIVA@LINC: Strategies on the frontline

This is a case-based, real world session focusing on what we like best ... real cases with challenges and complications that make the experts sweat. In this amphitheater setting, audience participation is encouraged and step-by-step case management is featured and discussed.



CICE@LINC 2018

CICE has established itself as the leading scientific conference in Latin America, exclusively dedicated to update and training in the different areas of application of Endovascular Therapy. The CICE meeting, has gained recognition for its innovative and creative features, its scientific commitment and interactive classes, packed with scientific and technological innovations, delivered by some of the world best experts in the field.



SITE@LINC 2018

SITE (International Symposium on Endovascular Therapeutics) has become an international appointment to be updated in current technology and future directions in vascular diagnosis and advanced endovascular therapies. SITE is committed to providing the opportunity to discuss the current evidence and all the unmet needs about endovascular techniques.



CCT Japan@LINC 2018

Complex Cardiovascular Therapeutics (CCT) was founded in 2001 to explore new techniques in the field of cardiovascular intervention. The spirit of CCT is "challenge and innovation". The CCT live demonstration course has grown to be the biggest live course in Asia at present.



Aortic and Peripheral Surgery "HOW TO DO IT"

This congress has become an event of the greatest importance in the field of vascular surgery, where outstanding experts meet to promote global exchange of recent achievements in open and endovascular aortic procedures, peripheral, carotid and venous disease. The mission of the meeting is to offer participants an update focused on practical aspects of vascular surgery, through a dynamic format, based on rapid paced presentations.

CEC@LINC 2018

Since its establishment in 2008, CEC has always been committed to the aims that is strengthening basic treatment, standardizing clinical operations, serving first-line doctors, tracking major research, and comprehensively displaying the latest progress in the field of vascular disease diagnosis and treatment at home and abroad.

JET@LINC 2018

JET has become the largest conference on peripheral vascular intervention in Japan and the number of participants has increased to more than 2,000 in recent years. Many experts, including cardiovascular physicians, vascular surgeons, radiologists, plastic surgeons, and cerebrovascular specialists, will discuss issues comprehensively at the conference, and co-medical activities will also be available.



LIVE CASE TRANSMISSION

During LINC 2018 more than 90 live cases has been performed from several national and international centers.

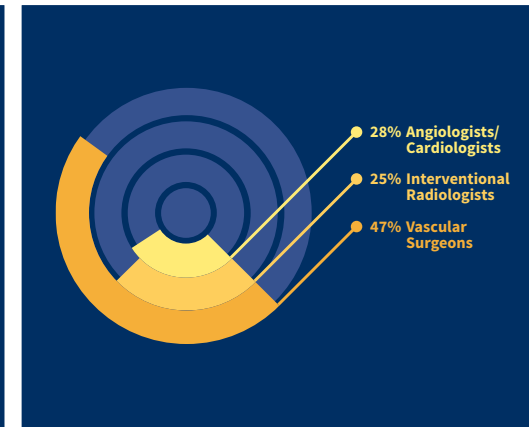
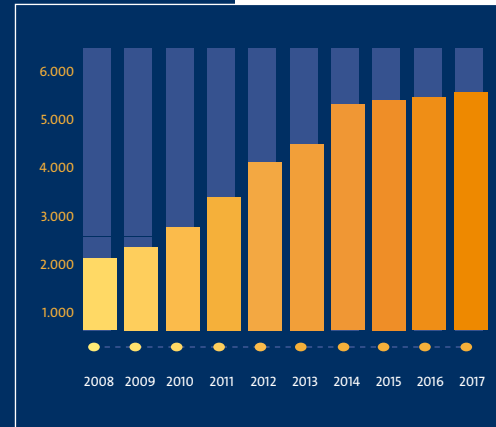
All live case transmissions are coordinated, filmed, and produced by the mediAVentures crew, using the latest in high definition television and wireless technology.

- **University Hospital Leipzig**, Department of Angiology, *Leipzig, Germany*
- **Polid clinico Abano Terme**, *Abano Terme, Italy*
- **Heartcenter Bad Krozingen**, *Bad Krozingen, Germany*
- **Sankt-Gertrauden-Hospital**, *Berlin, Germany*
- **Villa Maria Cecilia**, *Cotignola, Italy*
- **Johann Wolfgang Goethe University Frankfurt/Main**, Department of Diagnostic and Interventional Radiology, *Frankfurt/Main, Germany*
- **Galway University Hospital**, *Galway, Ireland*
- **University Hospital Jena**, *Jena, Germany*
- **St. Franziskus Hospital**, *Münster, Germany*
- **Mount Sinai Hospital**, *New York, USA*
- **Hôpital Marie Lannelongue**, *Paris, France*
- **Holy Name Medical Center**, *Teaneck, USA*
- **UniversitätsSpital Zürich**, *Zurich, Switzerland*



LINC 2017 STATISTICS

LINC 2017 had a multidisciplinary attendance of 5.027 participants from more than 75 countries. Please visit our website for more details.



LINC 2018 – Accreditations and Endorsements

- **The Sächsische Landesärztekammer** with 21 CME points.
www.slaek.de
- **The Swiss Society for Angiology** with 31 CME points
www.angioweb.ch
- **Dutch Association for Vascular Surgery** with 20 accreditation points in Category I
www.vaat-chirurgie.nl



LINC 2018 is under the patronage of:

- The German Society for Angiology
www.dga-gefaessmedizin.de
- The German Society of Vascular Surgery
www.gefaesschirurgie.de



LINC 2018 is endorsed by:

- VIVA
The National Education Course for Vascular Intervention and Medicine
www.vivapvd.com
- The Italian Society of Vascular and Endovascular Surgery
www.sicve.it
- The European Society for Vascular Medicine
www.vascular-medicine.org



GENERAL INFORMATION

Registration desks will be open on

Westin Hotel:

Monday, January 29 15:00 – 20:00 On Monday afternoon you have the possibility **to pick up your badge/register**

Radisson Hotel:

Monday, January 29 15:00 – 20:00 On Monday afternoon you have the possibility **to pick up your badge**

Marriott Hotel:

Monday, January 29 15:00 – 20:00 On Monday afternoon you have the possibility **to pick up your badge**

Venue:

The registration desks are located in Entrance Hall East at the Neue Messe Leipzig and will be open on:

Tuesday, January 30 07:00 – 18:00

Wednesday, January 31 07:30 – 18:00

Thursday, February 1 07:30 – 18:00

Friday, February 2 08:30 – 12:00

Exhibit hours

Tuesday, January 30 08:00 – 18:00

Wednesday, January 31 08:00 – 18:00

Thursday, February 1 08:00 – 18:00

Friday, February 2 09:00 – 12:00

Your **name badge** must be worn at all times for admittance to all LINC 2018 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. **Network: CCL, Username: linc2018, Password: leipzig**

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.

NEW: LINC 2018 app for iPhone, iPad, and iPod

At LINC 2018 we are presenting the new congress app. The app is showing the entire course programme, including the live case guide, list of all faculty members and sponsors/exhibitors and other helpful information around LINC 2018. The app features an “add to my calendar”- tool to create your own LINC schedule, as well as a very convenient filter to find your points of interest faster. The most exciting feature of the app is the presentation of the scientific sessions, lectures, live cases, and interviews of each day of the congress with the possibility to view them again the following day.

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 CCL, Multi-Purpose Area 4, level 0, and can be reached via entrance hall east. Please follow the signs in entrance hall east.

Official Airline Partner

Special offer with Lufthansa – discounted travel for LINC 2018 attendees. Lufthansa German Airlines offers a comprehensive global route network, linking Leipzig with major cities around the world. To make a reservation, please click on www.lufthansa.com/event-booking_en and enter the access code **DEZJWQ** in the “Access to Your Special Lufthansa Offer” area.

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 2018 you have the opportunity to visit our restaurants right next to hall 2. One restaurant offers a self-service counter for beverages and snacks, the other is a full service restaurant, serving a variety of hot and cold dishes every day of the congress.

Beginning of January 2018 you will have the opportunity to make table reservations at:

Mrs. Xenia Hunger

Phone: +49 341 678 7011

Fax: +49 341 678 167011

E-Mail: xenia.hunger@fairgourmet.de

Social dinner

Tickets for our social dinner in the Moritzbastei on Thursday, February 1, 2018, can be purchased for 40,00 Euro at the registration desk from Wednesday afternoon until Thursday on a first comes – first serves basis.

SCIENTIFIC COMMITTEE

Dierk Scheinert, Cardiologist, Angiologist, *Leipzig, Germany*
Andrej Schmidt, Cardiologist, Angiologist, *Leipzig, Germany*
Giancarlo Biamino, Cardiologist, Angiologist, *Impruneta, Italy*

Iris Baumgartner, Angiologist, *Bern, Switzerland*
Marianne Brodmann, Angiologist, *Graz, Austria*
Weiguo Fu, Vascular Surgeon, *Shanghai, China*
Wei Guo, Vascular Surgeon, *Beijing, China*
Stéphan Haulon, Vascular Surgeon, *Paris, France*
Andrew Holden, Interventional Radiologist, *Auckland, New Zealand*
Barry Katzen, Interventional Radiologist, *Miami, United States*
Nils Kucher, Cardiologist, *Zurich, Switzerland*
Steven Kum, Vascular Surgeon, *Singapore, Singapore*
Armando Lobato, Vascular Surgeon, *São Paulo, Brazil*
Vicente Riambau, Vascular Surgeon, *Barcelona, Spain*
Peter Schneider, Vascular Surgeon, *Honolulu, United States*
Ulf Teichgräber, Interventional Radiologist, *Jena, Germany*
Giovanni Torsello, Vascular Surgeon, *Münster, Germany*
Kazushi Urasawa, Cardiologist, *Sapporo, Japan*
Ramon Varcoe, Vascular Surgeon, *Sydney, Australia*
Hiroyoshi Yokoi, Cardiologist, *Fukuoka, Japan*
Thomas Zeller, Cardiologist, Angiologist, *Bad Krozingen, Germany*

LIVE CASE COMMITTEE

Martin Austermann, Vascular Surgeon, *Münster, Germany*
Prakash Krishnan, Interventional Cardiologist, *New York, United States*
Ralf Langhoff, Angiologist, *Berlin, Germany*
Marco Manzi, Interventional Radiologist, *Abano Terme, Italy*
Antonio Micari, Cardiologist, *Palermo, Italy*
Gerard O'Sullivan, Interventional Radiologist, *Galway, Ireland*
John Rundback, Interventional Radiologist, *Teaneck, USA*
Andrej Schmidt, Cardiologist, Angiologist, *Leipzig, Germany*
Thomas J. Vogl, Interventional Radiologist, *Frankfurt, Germany*

INVITED FACULTY

Please visit our website for current faculty list under:
www.leipzig-interventional-course.com/faculty/faculty-list/

ASSOCIATED FACULTY

Please visit our website for current faculty list under:
www.leipzig-interventional-course.com/faculty/faculty-list/

Please visit our website for current faculty list under:
www.leipzig-interventional-course.com/faculty/faculty-list/

08:00 – 09:30

Symposium: Present and future clinical use for vascular mimetic stents
 supported with an educational grant from Abbott Vascular
 Moderator: D. Scheinert

Panel: E. San Norberto-García, J. Tešárek, P. Goverde

08:00 – 08:07

2-year data Supera popliteal real world E. San Norberto-García

08:07 – 08:14

Supera in popliteal aneurysm J. Tešárek

08:14 – 08:45

■ Live case transmission from Leipzig

08:45 – 08:52

Preliminary 6-month results of VMI CFA trial K. DeLoose

08:52 – 08:59

NEW DAWN: 1-year results of the combination DCBs and Supera stent
 for the treatment of long femoropopliteal lesions P. Goverde

08:59 – 09:30

■ Live case transmission from Leipzig



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|-----------------------|--|--|
| Preliminary programme | 09:30 – 11:00 | Latest results with new technologies for femoropopliteal obstructions: drug-eluting devices, atherectomy and new implants <i>Moderator: D. Scheinert</i> <i>Panel: M. Brodmann, T. Zeller, S. Kum, W. Guo</i> |
| | 09:30 – 09:35 | EFFPAC–RCT: Final 6-month results with the Luminor DCB in femoropopliteal lesions <i>D. Scheinert</i> |
| | 09:35 – 09:40 | ILLUMENATE EU RCT: 2-year results with the Stellarex DCB in femoropopliteal lesions <i>M. Brodmann</i> |
| | | First time data release: |
| | 09:40 – 09:45 | CONSEQUENT RCT: 2-year results with the SeQuent Please OTW DCB <i>T. Albrecht</i> |
| | 09:45 – 09:50 | IN.PACT Japan RCT of DCB vs. PTA: 2-year results <i>O. Iida</i> |
| | 09:50 – 09:55 | ILLUMENATE GLOBAL: 2-year results of the Stellarex DCB in femoropopliteal lesions <i>T. Zeller</i> |
| | 09:55 – 10:00 | DANCE trial (ATX and PTA groups) – 2-year results <i>G. Adams</i> |
| | 10:00 – 10:05 | Long term durability of DCB treatment in the SFA: 4-year results of the IN.PACT SFA study <i>J. Laird</i> |
| | 10:05 – 10:10 | Outcomes of DCB use in real-world patients: 2-year results from the IN.PACT global registry <i>M. Brodmann</i> |
| | | First time data release: |
| | 10:10 – 10:15 | LUTONIX long lesion study: 2-year outcomes <i>M. Banyai</i> |
| | 10:15 – 10:20 | COMPARE–Pilot RCT: 1-year results of a randomised comparison of RANGER DCB vs. IN.PACT DCB in complex SFA lesions <i>D. Scheinert</i> |
| | 10:20 – 10:25 | Outcomes of DCB use in femoropopliteal lesions of patients with CLI (RCC4/5): Subgroup analysis of IN.PACT global study <i>M. Reijnen</i> |
| | Promise and limitations of DCB – What have we learned? | |
| 10:25 – 10:30 | DCB from a preclinical perspective: The relevance of paclitaxel dose and coating integrity <i>J. Granada Solis</i> | |
| 10:30 – 10:35 | DCB from a clinical perspective: What is proven and where are the open questions and limitations? <i>M. Bosiers</i> | |
| | Panel discussion | |
| 10:40 – 10:45 | Update on the TOBA studies in femoropopliteal arteries <i>C. Wissgott</i> | |
| 10:45 – 10:50 | First time data release: | |
| | LOCOMOTIVE All Comers Study with the VasculFlex Multi-LOC spot stenting device: 12-month results <i>K. Amendt</i> | |
| 10:50 – 10:55 | 1-year results from the MIMICS-2 Study; US, German, and Japanese experience with the BioMimics 3D stent <i>T. Zeller</i> | |
| 10:55 – 11:00 | Discussion and conclusion | |

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|-----------------------|---------------|--|
| Preliminary programme | 11:00 – 12:30 | Symposium: Patient first: “Leave the right thing behind”. Debating evidence to provide the answers supported with an educational grant from COOK Medical <i>Moderator: I. Baumgartner</i> <i>Panel: T. Zeller, F. Fanelli, A. Finn, M. Bosiers</i> Introduction <i>I. Baumgartner</i> XPEDITE study <i>T. Zeller</i> DCB + BMS is not a DES <i>F. Fanelli</i> ■ <i>Live case transmission from Leipzig</i> Understanding restenosis in the SFA <i>A. Finn</i> First results of the ZILVERPASS study <i>M. Bosiers</i> ■ <i>Live case transmission from Jena</i> The importance of scientific evidence <i>I. Baumgartner</i> Summing up on symposium discussion and debate <i>I. Baumgartner</i> |
| | 11:00 – 11:05 | |
| | 11:05 – 11:13 | |
| | 11:13 – 11:21 | |
| | 11:21 – 11:41 | |
| | 11:41 – 11:49 | |
| | 11:49 – 11:57 | |
| | 11:57 – 12:17 | |
| | 12:17 – 12:25 | |
| | 12:25 – 12:30 | |
| | 12:30 – 13:30 | Lunch |
| | 13:30 – 15:00 | Leave nothing behind 2.0: Combination therapy to advance SFA treatment strategy supported with an educational grant from Medtronic <i>Moderator: D. Scheinert</i> <i>Panel: K. Rocha-Singh, W. Guo</i> Introduction SFA disease management: Are the longterm outcomes with IN.PACT DCB changing the peripheral landscape? <i>T. Zeller</i> ■ <i>Live case transmission from New York</i> Dose matters: Understanding the science behind DCB outcomes <i>J. Granada Solis</i> From Chocolate to Hawk: Vessel preparation for improved outcomes <i>C. Metzger</i> ■ <i>Live case transmission from Cotignola</i> Discussion and conclusion |
| | 13:30 – 13:35 | |
| | 13:35 – 13:45 | |
| 13:45 – 14:05 | | |
| 14:05 – 14:15 | | |
| 14:15 – 14:25 | | |
| 14:25 – 14:45 | | |
| 14:45 – 15:00 | | |

- 15:00 – 16:30 **Symposium: Going further with drug eluting technology in peripheral arterial disease: From SFA to below-the-knee challenges.**
supported with an educational grant from Boston Scientific
Moderator: D. Scheinert
Panel: M. Lichtenberg, M. Sapoval, H. van Overhagen, J. Mustapha
Opening and learning objectives *D. Scheinert*
Current data and performance of drug eluting technology in SFA *M. Lichtenberg*
BTK intervention with drug coated balloons. Past lessons and future exploration
M. Sapoval
■ *Live case transmission from Leipzig*
Drug eluting stents in BTK intervention – a review *H. van Overhagen*
Next steps in drug eluting stent for BTK intervention *J. Mustapha*
Clinical targets and patient outcome goals in BTK intervention *R. Ferraresi*
Panel discussion
Closing remarks *D. Scheinert*
- 16:30 – 18:00 **Advanced solutions for calcified lesions and CTOs**
Moderators: R. Varcoe, T. Zeller
Panel: R. Heuser, G. Tepe, A. Holden, K. Rocha-Singh, D. Schneider, A. Schwindt
Vessel preparation: What does it mean and what are the current tools
(PTA, DA and scoring balloons)? *L. Garcia*
Impact of chronic total occlusion on outcomes:
IN.PACT global CTO imaging cohort *G. Tepe*
■ *Live case transmission from New York*
Understanding the challenges with measuring calcium in DCB clinical trials
K. Rocha-Singh
Vascular calcium: new pre-clinical models and new treatment solutions
J. Granada Solis
Clinical experience with the Phoenix atherectomy system
for complex calcified lesions *G. Korosoglou*
Applications of Lithoplasty for the treatment of calcified lesions
T. Zeller
Shockwave Lithoplasty System treatment of calcified lesions:
Intravascular OCT analysis *A. Holden*
■ *Live case transmission from Leipzig*
The “Crack and Pave” technique for highly resistant calcified lesions:
Initial results *M. Matschuck*
■ *Recorded case presentation M. Matschuck*



- 08:00 – 09:30 Acute deep vein thrombosis**
Moderators: S. Black, M. Lichtenberg
Panel: J. Dopheide, C. Erbel
 08:00 – 08:10 Pharmacomechanical thrombolysis *J. Dopheide*
 08:10 – 08:20 Catheter-directed thrombolysis *C. Erbel*
 08:20 – 08:30 Catheter treatment of DVT: What do the guidelines say?
R. Engelberger via satellite from Zurich
 08:30 – 08:40 The ATTRACT study: View from the U.S. expert *E. Murphy*
 08:40 – 08:50 The ATTRACT study: View of a European expert *S. Black*
 08:50 – 09:10 ■ *Live case transmission from Zurich*
 09:10 – 09:30 ■ *Live case transmission from Galway*
- 09:30 – 11:00 Management of complex aortoliliac disease:
 Avoiding complications and optimizing outcomes**
Moderators: L. Garcia, R. Varcoe
Panel: M. Mwipatayi, J. Balzer, P. Goverde, C. Metzger
 09:30 – 09:36 Endovascular treatment of occlusive aortic disease with abdominal stent grafts
E. Armstrong
 09:36 – 09:42 Contemporary stenting of the abdominal aorta for steno-occlusive disease:
 new technical developments *J. van den Berg*
 09:42 – 09:47 Mid-term outcome of CERAB for aorto-iliac occlusive disease *M. Reijnen*
 09:47 – 10:10 ■ *Live case transmission from Cotignola*
 10:10 – 10:16 Experience after 500 endoluminal stent graft. Devices specific outcome
 and lessons learned. *P. Mwipatayi*
 10:16 – 10:21 LIFESTREAM™ – First look at the BOLSTER two year follow up data *J. Laird*
 10:21 – 10:26 Improving the treatment of complex iliac occlusive disease:
 24-month results from the VBX FLEX trial show sustained clinical benefits
 in complex patient subsets *C. Metzger*
 10:26 – 10:54 ■ *Live case transmission from Leipzig*
 10:54 – 11:00 Prevention and management of vascular complications related to transcatheter
 aortic valve implantation *M. Roffi*
- 11:00 – 12:30 Venous stenting**
Moderators: H. Jalaie, R. Lookstein
Panel: M. Lichtenberg, C. Erbel
 11:00 – 11:15 ■ *Live case transmission from Zurich*
 11:15 – 11:30 ■ *Live case transmission from Galway*
 11:30 – 11:40 Clinical results of venous stents *M. Lichtenberg*
 11:40 – 11:50 Clinical results of a dedicated May Thurner stent *C. Erbel*
 11:50 – 12:00 Anticoagulation after stenting for acute deep vein thrombosis
R. Engelberger via satellite from Zurich
 12:00 – 12:15 ■ *Live case transmission from Zurich*
 12:15 – 12:30 ■ *Live case transmission from Galway*

- 12:30 – 13:25 Lunch symposium: Vascular protection in patients
 with peripheral artery disease (PAD): Improving outcomes
 with dual pathway inhibition – The COMPASS study**
 supported with an educational grant from Bayer AG
Moderator: D. Scheinert
Panel: S. Debus, U. Zeymer, R. Bauersachs
 Opening remarks *D. Scheinert*
 12:30 – 12:35 Vascular protection in patients with CAD and PAD: New options *S. Debus*
 12:35 – 12:45 From registries to clinical trials: impact on guidelines for PAD *U. Zeymer*
 12:45 – 12:55 PAD: From post-intervention to the chronic state *R. Bauersachs*
 12:55 – 13:10 Question and Answer
 13:10 – 13:25
- 13:30 – 15:00 Scrub-in with the experts:
 Endovascular therapy of chronic deep vein obstructions**
 ■ *with Nils Kucher live from Zurich*
 ■ *with Gerard O'Sullivan live from Galway*
Moderator: E. Murphy
Panel: Y. Bausback, S. Black, R. Kolluri, R. de Graaf, T. Sebastian, H. Jalaie
 Flash presentations:
 Complex ilioacaval reconstruction with steel alloy stents *E. Murphy*
 Complex iliocaval reconstruction with nitinol stents *T. Sebastian*
 Endophlebectomy of the common femoral vein *H. Jalaie*
- 15:00 – 16:30 Symposium: Nightmares in the cathlab – My worst case and how I solved it**
 supported with an educational grant from Terumo
Moderator: K. Deloose
Panel: M. Lichtenberg, Y. Gouëffic, A. Kahlberg
 15:00 – 15:05 Introduction *K. Deloose*
 15:05 – 15:25 SFA recorded case presentation *M. Lichtenberg, K. Deloose, Y. Gouëffic*
 15:25 – 15:45 BTK recorded case 1 presentation *M. Lichtenberg, K. Deloose, Y. Gouëffic*
 15:45 – 16:05 BTK recorded case 2 presentation *M. Lichtenberg, K. Deloose, Y. Gouëffic*
 16:05 – 16:25 CAS case presentation *A. Kahlberg*
 16:25 – 16:30 Conclusion *Y. Gouëffic*
- 16:30 – 18:00 Scrub-in with the experts:
 Endovascular treatment of central venous stenosis of the chest**
 ■ *with Nils Kucher live from Zurich*
 ■ *with Gerard O'Sullivan live from Galway*
Moderators: R. Lookstein, S. Black
Panel: U. Teichgräber, B. Dolmatch, R. Kolluri, R. de Graaf
 Flash presentations:
 Drug-coated balloons for the treatment of symptomatic central venous
 stenosis *D. Karnabatidis*
 Interventional techniques for central venous stenosis of the chest *R. Lookstein*
 COVERA™ – First look at the AVEVA study update for treatment of venous
 anastomotic lesions in AV grafts and an update on the AVEVA trial design
 for outflow stenosis in AV fistula circuits *B. Dolmatch*



- 09:00 – 11:00 **Management of carotid artery disease: Remaining controversies and challenges ahead**
Moderators: *M. van Sambeek, W. Gray*
Panel: *C. Setacci, S. Bartus, S. Ramee*
- 09:00 – 09:07 Randomised data in carotid artery stenting: current evidence and future perspectives *M. Roffi*
- 09:07 – 09:12 Despite Level 1 and other evidence the future outlook for carotid stenting is bright *F. Veith*
- 09:12 – 09:19 The future of carotid stenting – Proximal protection and mesh-covered stents are the answer *S. Bartus*
- 09:19 – 09:44 ■ *Live case transmission from Berlin*
- 09:44 – 09:51 1-year results of a new mesh-covered carotid stent: SCAFFOLD trial *W. Gray*
- 09:51 – 09:58 The CLEAR-ROAD study: a physician-initiated study investigating the RoadSaver stent in carotid lesions (final 12-month results) *M. Bosiers*
- 09:58 – 10:05 PrOspective multiCentrE study of cArotid artery steNting Using MER Stent – the OCEANUS study *P. Pieniazek*
- 10:05 – 10:12 Comparative analysis of new mesh-covered stent designs using MRI parameters *M. A. Ruffino*
- 10:12 – 10:19 Plaque protrusion during carotid artery stenting: risk factors determined by MR plaque imaging *K. Takayama*
- 10:19 – 10:26 ROADSTER 2 trial: Transcervical access with reversed flow circuit for proximal protection during CAS. What have we learned so far? *P. Schneider*
- 10:26 – 10:33 Transcervical carotid stenting (TECAR) with flow reversal vs. CEA in highly symptomatic patients *R. Kolvenbach*
- 10:33 – 10:40 **The great debate: How should we handle asymptomatic carotid stenoses?**
Carotid repair is best for asymptomatic severe carotid stenosis because medical management alone does not work *P. Schneider*
- 10:40 – 10:47 When better NOT to treat asymptomatic carotid stenosis *M. Storck*
- 10:47 – 10:54 ACST-2, over 2500 patients randomised; what do we know? *A. Halliday*
- 10:54 – 11:00 Discussion and conclusion
- 11:00 – 12:30 **The challenge ahead: How to improve acute stroke management**
Moderators: *W. Gray, K.-T. Hoffmann*
Panel: *M. Roffi, B. Reimers*
- 11:00 – 11:07 Periprocedural neurologic complications during CAS: How to manage? *B. Reimers*
- 11:07 – 11:14 Acute stroke management – What is state of the art? *K.-T. Hoffmann*
- 11:14 – 11:21 Acute stroke treatment: How I do it *K. Mathias*
- 11:21 – 11:26 A single centre experience in stroke treatment with EmboTrap II: Technology based on Clot research *M. Sponza*
- 11:26 – 11:36 Case reviews *M. Sponza*
- 11:36 – 11:43 Reality of stroke management in Germany and how to proceed? *S. Duda*
- 11:43 – 11:50 From interventional cardiology to cardio-neurology. A new sub-speciality in the future? *A. Erglis*
- 11:50 – 12:16 ■ *Live case transmission from Cotignola*
- 12:16 – 12:23 Early results of the PERFORMANCE I study assessing the safety and feasibility of a 3-in-1 carotid stenting system with integrated embolic protection *R. Sachar*
- 12:23 – 12:30 Experience with bilateral carotid filter protection during percutaneous aortic valve replacement *A. Linke*

- 12:35 – 13:20 **Lunch symposium: Unmet needs in EVAR: do they exist?**
supported with an educational grant from Cardinal Health
Moderator: *G. Torsello*
Panel: *G. Pratesi, J.-P. Becquemini*
- 12:35 – 12:52 Unmet needs in EVAR: case and discussion *G. Torsello and A. Schwindt*
- 12:52 – 13:09 Percutaneous technique for EVAR: case and discussion *G. Torsello and A. Schwindt*
- 13:09 – 13:16 Latest clinical results from INCRAFT™ AAA Stent Graft – 5 years of data *G. Torsello and A. Schwindt*
- 13:16 – 13:20 Discussion and conclusion
- 13:30 – 15:00 **Scrub-in with the experts: Focus on vessel preparation and stenting strategies for complex lesions**
partially supported with an educational grant from B. Braun
■ *with Andrej Schmidt and Sven Bräunlich live from Leipzig*
Moderators: *T. Das, T. Fuß*
Panel: *K. Amendt, B. de Rubertis, U. Teichgräber*
Flash presentations:
Vessel preparation prior to DCB or stenting: How to do it? *B. de Rubertis*
Clinical benefits of the Vanguard IEP peripheral balloon angioplasty system with integrated embolic protection from the ENTRAP study *K. Keirse*
■ *Recorded case presentation G. Halena*
- Spot stenting & DCB: It's time to undress the full metal jacket**
Fempop treatment: Long stents vs. short stents *T. Zeller*
Spot stenting with VascuFlex Multi-LOC *P. Goverde*
Combination therapy: DCB & spot stents in fempop lesions *G. Tepe*
- 15:00 – 16:30 **Symposium: Minimal is optimal in SFA therapy, reducing metal burden**
supported with an educational grant from BIOTRONIK
Moderator: *J. van den Berg*
Panel: *C. Nolte-Ernsting, L. Maene*
Introduction by the moderator *J. van den Berg*
- 15:00 – 15:05 BIOLUX P-III: Passeo-18 Lux all-comers registry:
- 15:05 – 15:15 12-month results for the all-comers cohort *G. Tepe*
- 15:15 – 15:25 BIOFLEX PEACE: Pulsar-18 all-comers registry: 12- and 24-month results *M. Lichtenberg*
- 15:25 – 15:45 ■ *Live case transmission from Berlin*
- 15:45 – 15:55 BIOLUX 4EVER: Combining Passeo-18 Lux DCB and Pulsar-18 BMS: 12-month results of full cohort *K. Deloose*
- 15:55 – 16:15 ■ *Live case transmission from Leipzig*
- 16:15 – 16:25 BIOTRONIK REACT: REsponse Adapted Combination Therapy: When and where to stent – concept for a pilot study *P. Mwipatayi*
- 16:25 – 16:30 Closing by the moderator *J. van den Berg*



16:30 – 18:00

Scrub-in with the experts:**Carotid interventions**

■ with Andrej Schmidt live from Leipzig

■ with Fausto Castriota and Antonio Micari live from Cotignola

Moderators: G. Biamino, G. Ansel

Panel: M. Storck, C. Setacci, M. A. Ruffino

Flash presentations:

Current considerations for patient oriented revascularisation strategies:

CAS vs. CEA vs. medical management C. Setacci

How to integrate latest technology to make carotid stenting safer? S. Duda

Latest clinical experience with integrated embolic protection during

CAS and future directions R. Sachar

Combined carotid and coronary revascularisation: Is this a good idea?

G. Chrysant



12:30 – 13:30

My selection of guidewire and support catheter for complex BTK procedures

supported with an educational grant from Asahi Intecc

Moderator: K. Urasawa

Guide wire selection J. van den Berg

Guide wire selection R. Ferraresi

Support catheter selection Y. Miyashita

13:30 – 14:30

New GORE® VIABAHN® VBX Balloon Expandable: Expert forum

supported with an educational grant from Gore & Associates

Moderator: A. Holden

Advantages of an indication for the GORE® VIABAHN® VBX Balloon Expandable:

technical and clinical value in treating aorto-iliac disease A. Holden

Results from the VBX the IDE study and case experience C. Metzger

Case experience in aortic disease M. Austermann

15:00 – 16:00

Technical and practical aspects of highend embolo therapy

sponsored by Medtronic

Moderators: W. Wohlgemuth, R. Müller-Wille

Classification of vascular anomalies and its implication on therapies

W. Wohlgemuth

Embolo therapy of peripheral AVMs M. Sadick

Treatment of pulmonary AVMs R. Müller-Wille

Minimal invasive therapy of endoleaks M. Treitl



- 10:30 – 12:00** **CCT@LINC**
 Moderators: *G. Biamino, K. Urasawa*
 Panel: *H. Ando, T. Nakama, O. Iida*
- 10:30 – 10:40** Introduction
- 10:40 – 10:55** Video live and lecture: How to cross below-the-knee CTO *H. Ando*
- 10:55 – 11:10** Video live and lecture: How to cross below-the-ankle CTO *T. Nakama*
- 11:10 – 11:25** Video live and lecture: How to cross SFA CTO/Japanese evidences *O. Iida*
- 11:25 – 11:40** Video live and lecture: How to cross SFA CTO/Japanese techniques *K. Urasawa*
- 11:40 – 12:00** Discussion and conclusion
- 12:35 – 13:20** **Lunch symposium: DCB or stent? The latest data to influence your decision**
 supported with an educational grant from iVascular
 Moderator: *K. DeLoose*
- 12:35 – 12:43** Luminor DCB makes it different and favourable in CLI (LUMINOR registry, 12-month data) *V. Riambau*
- 12:43 – 12:51** Is there still any space left for DES? (ANGIOLITE BTK trial, 6-month data) *P. Goverde*
- 12:51 – 12:58** Discussion: BTK
- 12:58 – 13:06** Is Luminor DCB the best choice for femoropopliteal lesions? (EFFPAC-RCT, 6-month data) *U. Teichgräber*
- 13:06 – 13:14** Or is the iVolution stent a better alternative? (EVOLUTION study, 12-month data) *M. Bosiers*
- 13:14 – 13:20** Femoropopliteal arteries discussion
- 13:30 – 15:00** **Clinical approaches and techniques in the management of CLI diabetic patients**
 partially supported with an educational grant from Alvimedica
 Moderators: *M. Manzi, G. Ansel*
 Panel: *E. Ducasse, F. Liistro, C. Manu*
- 13:30 – 13:38** The specifics of diabetic macroangiopathy: What is different from atherosclerosis and how does it contribute to critical limb ischemia? *C. Manu*
- 13:38 – 13:44** The multidisciplinary approach in BTK intervention in DM patients: the right road to success *K. Mühlberg*
- 13:44 – 13:50** Factors affecting outcome of CLI procedures *O. Iida*
- 13:50 – 13:56** Timing is all in CLI diabetic patients: planning a winning strategy for limb salvage *R. Ferraresi*
- 13:56 – 14:16** **Live case transmission from Berlin**
- 14:16 – 14:24** Latest techniques and results in BTK interventions *M. Manzi*
- DEBATE on “Study results vs. daily practice” in BTK interventions:**
- 14:24 – 14:30** Use of DCB in BTK – CONTRA *G. Ansel*
- 14:30 – 14:36** Use of DCB in BTK – PRO *F. Liistro*
- 14:36 – 14:42** Use of DES in BTK – CONTRA *TBD*
- 14:42 – 14:48** Use of DES in BTK – PRO *D. Karnabittides*
- 14:48 – 14:54** Is 2018 the right moment to try to harmonize BTK intervention approaches? *E. Ducasse*
- 14:54 – 15:00** Are the coronary outcomes of BVS relevant to BTK applications? *B. DeRubertis*



- 15:00 – 16:30** **CLI-Therapies-LINCed**
Multidisciplinary case studies from centres of excellence
 Moderators: *M. Brodmann, S. Kum*
 Panel: *O. Iida, M. Schreve*
- 15:00 – 15:12** **Managing the infected round**
 How do you prioritize revascularisation vs. treatment of infection. Presentation and a case example. *M. Schreve*
 Questions and answers
- 15:12 – 15:18** **Angiosome directed therapy**
 Angiosome concept – myth or truth? Does it make a real difference in “real world” cases? Presentation and a case example. *O. Iida*
 Questions and answers
- 15:18 – 15:30** **The “Mother of all CLIs” – the Rutherford 6 wound**
 Managing R6 wounds – the utility of multi-vessel revascularisation and inflow strategies. Presentation and a case example. *P. Schneider*
 Questions and answers
- 15:30 – 15:36** **CLI in dialysis – a special breed of patients**
 Plantar arch and below-the-ankle angioplasty – who, when and how? Presentation and a case example. *M. Manzi*
 Questions and answers
- 15:36 – 15:48** **End stage no option CLI – making sweet dessert out of the desert foot**
 Percutaneous deep venous arterialization with the LimFlow procedure. Presentation and a case example. *M. Brodmann*
 Questions & answers
- 15:48 – 15:54** Questions and answers
- 15:54 – 16:05** Questions and answers
- 16:06 – 16:12** Questions and answers
- 16:12 – 16:24** Questions and answers
- 16:24 – 16:30** Questions & answers



- 12:30 – 13:30 **Update on clinical trials and new data – PVD/BTK/CLI**
Moderator: J. Mustapha
Panel: M. Montero-Baker, S. Kum
- 12:30 – 12:35 36-month results from the absorb BTK study *R. Varcoe*
- 12:35 – 12:40 6-month results of real-life use of the latest generation of balloon expandable DES in below-the-knee treatment *P. Goverde*
- 12:40 – 12:45 Below-the-knee balloon angioplasty with and without non-selective stem cells infusion in treatment of critical limb ischemia *S. Izadpanahahmadsaraee*
- 12:45 – 12:50 Statin therapy and amputation-free survival in CLI patients: insights from the CRITISCH registry *T. Bisdas*
- 12:50 – 12:55 Peroneal artery angioplasty as a single runoff vessel for foot revascularisation in patients with critical limb ischemia *A. Mohammed*
- 12:55 – 13:00 Real-world experience with a paclitaxel-coated balloon for the treatment of atherosclerotic infrainguinal arteries. 12-month results of the BIOLUX P-III all comers registry in critical limb ischemia patients *T. Zeller*
- 13:00 – 13:05 1-year outcomes of peripheral vascular intervention in critical limb ischemia patients: Sub-analysis of the LIBERTY 360 study *J. Mustapha*
- 13:05 – 13:10 Update on the BEST-CLI trial *M. Menard*
- 13:10 – 13:15 The relation of 2D perfusion angiography after below-the-knee intervention and wound healing in patients with critical limb ischemia – single center prospective study *S. Sasaki*
- 13:15 – 13:20 Interim results from the OMNIA study – utilisation of micro oxygen sensors during CLI therapy *M. Montero-Baker*
- 13:20 – 13:30 Discussion and conclusion

- 13:30 – 15:00 **Update on clinical trials and new data – PVD/aortoiliac/femoral**
Moderator: O. Schlager
Panel: T. Bisdas, M. Thieme
- 13:30 – 13:35 Midterm outcome of the covered endovascular reconstruction of the aortic bifurcation (CERAB) technique for aortoiliac occlusive disease *K. Taeymans*
- 13:35 – 13:40 The BeGraft study: A physician-initiated study investigating the BeGraft peripheral stent graft in the iliac arteries (final 24-month results) *K. Deloose*
- 13:40 – 13:45 XTRACT as a potential frontline treatment in peripheral arterial thromboembolism – results from the multicenter PRISM trial *G. Adams*
- 13:45 – 13:50 Impact of patient and lesion characteristics on drug coated balloon angioplasty of the femoro-popliteal artery – pooled analysis of four randomized controlled multicentre trials *T. Albrecht*
- 13:50 – 13:55 Local and distal ptx effect: pre-clinical results with different DCBs *R. Coscas*
- 13:55 – 14:00 Long term results of >200 patients with the Aperto® DCB from the Italian Aperto registry *M. Tozzi*
- 14:00 – 14:05 Interim report of the BIOFLEX-COF RCT, comparing high vs. low chronic outward force of nitinol stents in the SFA *M. Funovics*
- 14:05 – 14:10 A French experience of ambulatory intervention for endovascular treatment of peripheral artery disease: a retrospective study *O. Regnard*
- 14:10 – 14:15 A randomised comparison of digital subtraction angiography and kinetic imaging *V. Óriás*
- 14:15 – 14:20 The influence of balloon inflation time in femoropopliteal and BTK angioplasty: a systematic review *O. Bakker*
- 14:20 – 14:25 Tibial velocities duplex ultrasound characterisation and validity of the ankle-deep femoral artery index in peripheral arterial disease *G. T. Taneva*
- 14:25 – 14:30 Use of Paclitaxel-Coated Luminor® balloon catheter in the superficial femoral and popliteal arteries – the solo DEB registry *M. Thieme*
- 14:30 – 14:35 BIOFLEX – PEACE registry 24-month analysis *C. Nolte-Ernsting*
- 14:35 – 14:40 The Münster all-comers registry of Eluvia drug-eluting stent: 1-year outcomes *T. Bisdas*
- 14:40 – 14:45 BATTLE RCT. Bare metal stent vs. drug eluting stent for SFA intermediate lesions. 6-month results *Y. Gouëffic*
- 14:45 – 14:50 Interim 30-day analysis from the KANSHAS 1 study of the novel KANSHAS drug coated balloon for treatment of femoropopliteal occlusive disease; a latest first-in-human study *M. Lichtenberg*
- 14:50 – 15:00 Discussion and conclusion

- 15:00 – 16:30 **Update on clinical trials and new data – AV access/venous/embolisation/EVAR**
Moderator: K. Katsanos
Panel: F. Moll, J. Brunkwall
- 15:00 – 15:05 ACCESS PTS study: ACCElerrated thrombolySiS for Post-Thrombotic Syndrome using the Acoustic Pulse Thrombolysis EkoSonic® Endovascular System – midterm results of a multi-center study. *M. Garcia*
- 15:05 – 15:10 Comparative study between stenting occluded central veins & veno-venous bypass in patients with upper limb venous hypertension, interim report *M. El Maadavy*
- 15:10 – 15:15 Prospective, randomised controlled study of paclitaxel-coated vs. plain balloon angioplasty for the treatment of failing dialysis access *A. Salem*
- 15:15 – 15:20 VasQTM improves functional maturation: Randomised controlled multinational study results *G. Mestres*
- 15:20 – 15:25 The Lutonix® global AV registry real world patients with a dysfunctional AV dialysis access – interim 6-month outcomes *P. Kitrou*
- 15:25 – 15:30 DCB in vascular access – where does it work *T. Steinke*
- 15:30 – 15:35 AIDA study: prophylactic onlay mesh implantation prevents incisional hernia following AAA repair. Results from a multicenter randomised trial with 2-year follow up *S. Debus*
- 15:35 – 15:40 Large access hole vascular closure device based on fully absorbable patch, results of the frontier III trial *A. Schwindt*
- 15:40 – 15:45 Prevention of Acute Kidney Injury (AKI) following Endovascular Abdominal Aortic Aneurysm Repair (EVAR) using bicarbonate and aggressive hydration: the HYDRA-P randomised controlled trial *A. Saratzis*
- 15:45 – 15:50 Prospective study of the E-iliac stent graft system in patients with common iliac artery aneurysm: 12-month results *J. Brunkwall*
- 15:50 – 15:55 Global post-market clinical follow-up of the Treovance stent-graft for endovascular abdominal aortic aneurysm repair: final results from the RATIONALE registry *J. Teßarek*
- 15:55 – 16:00 Anatomical applicability of current off-the-shelf branched endograft in thoracoabdominal aortic aneurysms managed by open surgery *T. Cambiaghi*
- 16:00 – 16:05 A post-approval registry of the TREO stent-graft for patients with infrarenal abdominal aortic aneurysms *T. Bisdas*
- 16:05 – 16:10 The Italian multi-centre experience of fenestrated Anaconda™ endograft for juxta/para-renal aortic aneurysms *R. Pini*
- 16:10 – 16:15 The use of chimney grafts in the treatment of type Ia endoleaks after previous endovascular aneurysm repair: mid-term outcomes from the PERICLES registry *S. Fazzini*
- 16:15 – 16:30 Discussion and conclusion

- 12:30 – 13:30 **Selected abstracts original research – EVAR part I**
Moderator: Weiguo Fu
Panel: R.-I. Rückert, R. Varcoe
- 12:30 – 12:35 Cardiac- and respiratory-induced motion of renal arteries and stents in snorkel endovascular aneurysm sealing *C. Cheng*
- 12:35 – 12:40 30-day mortality and re-interventions after open and endovascular repair of intact and ruptured abdominal aortic aneurysms in Korea: Based on HIRA data *S. Ahn*
- 12:40 – 12:45 Outcomes after one-stage vs. two-stage open repair of Type II thoracoabdominal aortic aneurysm *D. Kotelis*
- 12:45 – 12:50 The impact of endovascular aneurysm repair on short and long term renal function *A. Saratzis*
- 12:50 – 12:55 Total endovascular techniques utilisation in aortic dissection involving arch *C. Shu*
- 12:55 – 13:00 A single center experience using automated intracranial pressure-controlled cerebrospinal fluid external drainage *M. P. Lamarca Mendoza*
- 13:00 – 13:05 Endovascular treatment of giant abdominal aortic aneurysms *F. Cali*
- 13:05 – 13:10 Effect of remote ischemic preconditioning in the incidence of contrast induced nephropathy in patients undergoing EVAR (RIP-EVAR STUDY) *D. Gutierrez*
- 13:10 – 13:15 Twelve-year experience with the treatment of aortoiliac and isolated iliac aneurysms by the iliac branch devices: Results of the pELVIS registry *G. T. Taneva*
- 13:15 – 13:20 The Image-Fusion using 2D-3D registration method helps to reduce the used contrast medium, fluoroscopic and procedural time in TEVAR procedures *W. Ahmad*
- 13:20 – 13:30 Discussion and conclusion

- 13:30 – 15:00 Selected abstracts original research – EVAR part II**
Moderator: M. van Sambeek
Panel: W. Ritter
- 13:30 – 13:35 Deployment of bare stent reduce the pressure of false lumen in acute aortic dissection: Animal model and computer simulation *K. Hanzawa*
- 13:35 – 13:40 Complications in target arteries of branched and fenestrated stent grafts – incidence and management *B. Zipfel*
- 13:40 – 13:45 Thirty day outcomes favor fenestrated repair of complex abdominal aortic aneurysms *V. Patel*
- 13:45 – 13:50 Initial experience with the E-liac® iliac branch device for the endovascular aortic repair of aorto-iliac aneurysms *J. Goltz*
- 13:50 – 13:55 Open repair of proximal abdominal aneurysms classified according to the equivalent fenestrated endovascular treatment *A. Grandi*
- 13:55 – 14:00 Individualised patient decision making promotes favorable outcomes in endovascular therapy for blunt traumatic aortic injury *A. Eleshra*
- 14:00 – 14:05 Mid-term outcomes of flared iliac limb used for combined common iliac artery aneurysm during endovascular aneurysm repair *S.-H. Heo*
- 14:05 – 14:10 The Candy-Plug technique using an Excluder aortic cuff – clinical utility and technical aspects *Y. Ogawa*
- 14:10 – 14:15 Evaluation of visible spinal arteries on CT angiography before and after branched stent graft repair for thoracoabdominal aortic aneurysm *K. Gallis*
- 14:15 – 14:20 Aneurysm sac volume and spinal cord ischemia in patients with thoracoabdominal aortic aneurysms treated with branched stent-grafts using the temporary aneurysm sac perfusion – technique *K. Gallis*
- 14:20 – 14:25 Outcome of thoracic endovascular aortic repair with single aortic arch chimney in high risk patients *A. Eleshra*
- 14:25 – 14:30 The outcome of the AFX ENDOLOGIX endograft in the prevention of Type II endoleak *R. Gattuso*
- 14:30 – 14:35 Endovascular treatment of thoracoabdominal aortic aneurysm using multi-branched stent-grafts in the real world *L. Fidalgo Domingos*
- 14:35 – 14:40 How we deal with aortic endograft infection *E. Iborra*
- 14:40 – 14:45 Immediate, delayed and late spinal cord ischemia after extended endovascular thoracoabdominal aortic repair *R. Kopp*
- 14:45 – 15:00 Discussion and conclusion

- 15:00 – 16:30 Selected abstracts original research – PVD/BTK/CLI**
Moderator: I. Baumgartner
Panel: S. Steiner
- 15:00 – 15:05 Occlusion of the radial artery. Reality or myth *P. Podmetin*
- 15:05 – 15:10 Multi-centre European experience in the use of the Indigo vacuum-assisted thrombectomy system in acute limb ischemia: the ReOpen registry *A. Maßmann*
- 15:10 – 15:15 Visceral Artery Aneurysms (VAAs) – Management, surveillance and natural history analysis in a single UK centre over 10 years *A. Elbasty*
- 15:15 – 15:20 Validation of new oszillometric PAOD parameters: Puls Wave Index (PWI), Tissue Optical Perfusion Pressure (TOPP) and oszillometric ABI vs. cw-Doppler-ABI *G. Horstick*
- 15:20 – 15:25 Single center experience for peripheral arterial interventions via percutaneous brachial artery access using a 4F sheath *D. Kretzschmar*
- 15:25 – 15:30 Vascular complications after extracorporeal membrane oxygenation (ECMO) *A. Grandi*
- 15:30 – 15:35 What happens to patients after amputation? Results of primary and secondary amputations *M. Kudykin*
- 15:35 – 15:40 Qualitative assessment of Carbon dioxide as a contrast agent for infra-inguinal arterial diagnostic and therapeutic procedures in patients with chronic kidney disease and critical limb ischemia *D. Davra*
- 15:40 – 15:45 Assessment of endovascular treatment for critical lower limb ischaemia in 321 consecutive patients *S. Breznik*
- 15:45 – 15:50 Routine screening coronary angiography examination and adequate coronary revascularisation is important for improvement of clinical outcomes of patients with critical limbs ischemia *T. Takei*
- 15:50 – 15:55 Wlfi classification does not predict limb amputation risk in dialysis patients undergoing revascularisation for critical limb ischemia *M. Abualhin*
- 15:55 – 16:00 Non-calcified steno-obstructive lesions of abdominal aorta are associated with worse results following endovascular treatment *A. Sonetto*
- 16:00 – 16:05 New approach for the development and stratification of peripheral stents *C. Convelbo*
- 16:05 – 16:10 Analysis of outcomes for bioresorbable vascular Scaffold use for the treatment of infra-popliteal disease *M. Ansari*
- 16:10 – 16:15 Early clinical results of the FLEX scoring catheter in the treatment of below the knee lesions *J. Mustapha*
- 16:15 – 16:30 Discussion and conclusion

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| Preliminary programme | 08:00 – 09:30 | Below-the-knee revascularisation: Current status, challenges, and future outlook <i>Moderators: D. Scheinert, P. Schneider</i> <i>Panel: J. Mustapha, S. Kum, K. Urasawa, M. Manzi</i> |
| | 08:00 – 08:05 | Comprehensive meta-analysis of endovascular versus bypass for critical limb ischemia – is bypass obsolete? <i>K. Katsanos</i> |
| | 08:05 – 08:10 | Three-year outcomes of surgical vs. endovascular revascularisation for critical limb ischemia: The Surgical reconstruction vs. Peripheral Intervention in pAtients with critical limb isChemia (SPINACH) study <i>O. Iida</i> |
| | 08:10 – 08:17 | Retrograde tibial puncture has changed our algorithm for crossing tibial lesions in CLI: How and when to do it? <i>P. Schneider</i> |
| | 08:17 – 08:24 | Advanced crossing and wiring techniques in BTK vessels <i>H. Yokoi</i> |
| | 08:24 – 08:51 | ■ <i>Live case transmission from Leipzig</i> |
| | 08:51 – 08:58 | Technical considerations for successful use of DCBs in BTK arteries: Lessons learned from preclinical studies <i>J. Mustapha</i> |
| | 08:58 – 09:03 | Update on the LUTONIX BTK Global Registry: First look at 300 patient interim follow up data <i>D. Scheinert</i> |
| | 09:03 – 09:10 | Patterns of vessel calcification in BTK arteries and implications for vessel preparation and atherectomy <i>J. Mustapha</i> |
| | 09:10 – 09:15 | Update on the Optimize BTK trial (Atherectomy with the CSI atherectomy catheter in combination with DCB in calcified BTK lesions) <i>M. Brodmann</i> |
| | 09:15 – 09:20 | Lithoplasty – also an option for calcified BTK vessels? Update on the Shockwave BTK study <i>T. Zeller</i> |
| | 09:20 – 09:25 | Update on TOBA below-the-knee <i>M. Brodmann</i> |
| | 09:25 – 09:30 | Adventitial drug therapy below-the-knee: Update on LIMBO and TANGO <i>E. Armstrong</i> |
| | 09:30 – 11:00 | Symposium: DCB progress update: science, evidence and vessel prep algorithms supported with an educational grant from Spectranetics, a Philips Company <i>Moderators: G. Tepe, S. Lyden</i> <i>Panel: E. Armstrong, S. Bays</i> |
| | 09:30 – 09:33 | Introduction |
| | 09:33 – 09:40 | Requirements and specificities of a low-dose DCB: the Stellarex case example <i>J. Pedersen</i> |
| | 09:40 – 09:47 | Stellarex level 1 evidence in common to complex patients <i>S. Lyden</i> |
| | 09:47 – 10:07 | ■ <i>Live case transmission from Leipzig</i> |
| | 10:07 – 10:14 | As simple as scoring: Angiosculpt vessel prep and case review <i>S. Bays</i> |
| | 10:14 – 10:21 | In-stent-restenosis: new evidence from laser + DCB <i>E. Armstrong</i> |
| | 10:21 – 10:41 | ■ <i>Live case transmission from Leipzig</i> |
| | 10:41 – 11:00 | Discussion and conclusion |

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|-----------------------|---------------|---|
| Preliminary programme | 11:00 – 12:30 | Symposium: Extended indication for the new GORE® VIABAHN® VBX Balloon Expandable Endoprosthesis supported with an educational grant from Gore & Associates <i>Moderator: M. Gargiulo</i> <i>Panel: G. Torsello, M. Antonello, C. Metzger, M. Reijnen</i> |
| | 11:00 – 11:05 | Introduction by chairman |
| | 11:05 – 11:15 | Complexity of iliac occlusive disease, current treatment algorithm, and treatment gaps <i>M. Antonello</i> |
| | 11:15 – 11:25 | 2-year outcomes from the GORE® VIABAHN® VBX Balloon Expandable IDE study <i>C. Metzger</i> |
| | 11:25 – 1:40 | ■ <i>Recorded case from Arnhem (NL)</i> <i>M. Reijnen</i> |
| | 11:40 – 11:50 | Aortic challenges, quantitative analysis in fenestrated procedures <i>G. Torsello</i> |
| | 11:50 – 12:05 | ■ <i>Recorded case from Münster</i> <i>G. Torsello</i> |
| | 12:05 – 12:30 | Discussion and conclusion by chairman |
| | 12:30 – 13:30 | Lunch |
| | 13:30 – 15:00 | Symposium: Lutonix® Drug Coated Balloon – Evidence in SFA, BTK, and AV supported with an educational grant from C. R. BARD <i>Moderator: D. Scheinert</i> <i>Panel: A. Finn, M. Lichtenberg, S. O. Trerotola, L. M. Palena, K. Steiner, M. Banyai</i> |
| | 13:30 – 13:35 | Introduction |
| | 13:35 – 13:45 | Are all DCBs the same? <i>A. Finn</i> |
| | 13:45 – 13:55 | Treatment of TASC C & D lesions with DCB <i>M. Banyai</i> |
| | 13:55 – 14:05 | Is DCB treatment right for below-the-knee patients? <i>M. Lichtenberg</i> |
| | 14:05 – 14:15 | Management of recurring infrapopliteal disease in diabetic patients with critical limb ischemia – a single center experience <i>L. M. Palena</i> |
| | 14:15 – 14:25 | Long term benefit effects of Lutonix 035 DCB <i>S. O. Trerotola</i> |
| | 14:25 – 14:35 | The role of Lutonix DCB in AV fistula dysfunction management in our practice <i>K. Steiner</i> |
| | 14:35 – 14:45 | DCB outcomes in real world patients with restenotic AV fistula <i>P. Kitrou</i> |
| | 14:45 – 15:00 | ■ <i>Live case transmission from Leipzig</i> |

15:00 – 16:30

VIVA@LINC:**Facing the future with a look 10 years forward**

Moderators: J. Laird, P. Schneider

Panel: D. Scheinert, M. Mehta, K. Rocha-Singh, C. Metzger



15:00 – 15:05

Announcement of the winners of the Vascular Career Award 2017

15:05 – 15:13

Type B aortic dissection: Endovascular grafting will be required in most patients
M. Mehta

15:13 – 15:39

■ Live case transmission from Teaneck

15:39 – 15:47

Drug-coated balloons: Will be used in every vascular bed, yes or no?
K. Rocha-Singh

15:47 – 15:55

The breakthrough in complex tibial and pedal revascularisation will be
J. Laird

15:55 – 16:22

■ Live case transmission from Teaneck

16:22 – 16:30

We will have agreed upon indications for repair of asymptomatic carotid
stenosis, yes or no? C. Metzger

16:30 – 18:00

**The last frontiers: Endovascular therapy of the common femoral artery
and the popliteal segment**

Moderators: M. Bosiers, L. Garcia

Panel: C. Metzger, U. Beschorner, R.-I. Rückert, M. Malina, D. Schneider

16:30 – 16:37

Is it now time for endovascular techniques to conquer the CFA? M. Malina

16:37 – 16:42

Complex stenting of the common femoral artery Y. Gouëffic

16:42 – 16:47

Recanalisation of femoral bifurcations using the Culotte stent technique
E. Blessing

16:47 – 16:52

The VMI-CFA study: A physician-initiated study investigating the Supera stent
in the common femoral artery (preliminary 6-month results) K. Deloose

16:52 – 17:15

■ Live case transmission from Bad Krozingen

17:15 – 17:20

Drug-eluting treatments of the common femoral artery – the last frontier
K. Katsanos

17:20 – 17:25

Combined use of directional atherectomy and DCB for the treatment
of the CFA: immediate and one-year outcomes A. Cioppa

17:25 – 17:50

■ Live case transmission from Leipzig

17:50 – 17:55

DCB for popliteal artery stenosis: Update from the IN.PACT Flexion trial
M. Bosiers

17:55 – 18:00

Results from the 100 patients of the prospective TIGRIS Vienna study
M. Werner

- 08:00 – 09:30 Endovascular repair for complex iliac aneurysms**
Moderators: P. Cao, A. Lobato
Panel: R. Ghotbi, F. Vermassen, M. Lachat, D. Branzan, T. Larzon, O. Richter
 08:00 – 08:06 Iliac artery aneurysms – types and treatment *K. Mathias*
 08:06 – 08:12 The long-term faith of EVAR in patients with ectatic iliac arteries *F. Verzini*
 08:12 – 08:18 Clinical trial and real-world outcomes of an endovascular iliac aneurysm repair with the GORE® Iliac Branch Endoprosthesis (IBE) *J. Heyligers*
 08:18 – 08:24 Long-term results of IBD-EVAR: 10 year experience from Leipzig *D. Branzan*
 08:24 – 09:05 ■ *Live from Paris: Treatment of an Iliac artery aneurysm with an iliac branched device – Step by step*
 09:05 – 09:11 The outcome of patients treated with bilateral iliac branched devices for CIA aneurysms *M. Reijnen*
 09:11 – 09:17 Is co-existing hypogastric aneurysm a contradiction for the treatment with iliac branched device? Insights from the European PELVIS registry, experience of 9 centers *K. Donas*
 09:17 – 09:23 A proposed treatment algorithm for iliac aneurysms *F. Verzini*
 09:23 – 09:30 Discussion and conclusion
- 09:30 – 11:00 EVAR – Current status, open questions, and future perspectives**
Moderators: F. Veith, F. Moll
Panel: S. Seifert, J.-P. Becquemin, M. Malina, W. Guo, R. Greenhalgh, G. Torsello
 09:30 – 09:36 Steps to clinical effectiveness and cost effectiveness – Lessons from EVAR 1 *F. Rohlffs*
 09:36 – 09:42 Endovascular repair for patients physically unsuitable for open repair. EVAR 2 15-year results *R. Greenhalgh*
 09:42 – 09:48 RCT's for EVAR: 15 years later are the conclusions obsolete? *J.-P. Becquemin*
 09:48 – 09:54 How much open surgery is still required in aortic surgery: A review of 800 aortic aneurysm cases *R. Kolvenbach*
 09:54 – 10:00 Complex-anatomy large aneurysms and why we should consider use of no-treatment and open-surgery strategies more frequently *F. Criado*
 10:00 – 10:05 Role of gender in TEVAR and EVAR: report from the GREAT registry *M. Gargiulo*
 10:05 – 10:10 Long-term outcomes of EVAR in female patients: A 5-year analysis from the ENGAGE registry *G. Pratesi*
 10:10 – 10:40 ■ *Live case transmission from Leipzig*
 10:40 – 10:45 Ovation endograft: 4-year, real world results from the ovation European post market registry *M. Storck*
 10:45 – 10:50 10-year outcome analysis of the ITER registry with the GORE Excluder® endograft for infrarenal abdominal aortic aneurysms *G. Pratesi*
 10:50 – 10:55 Predictors of abdominal aortic aneurysm sac enlargement after EVAR; long-term results from the ENGAGE registry *D. Böckler*
 10:55 – 11:00 Discussion

- 11:00 – 12:30 Advanced techniques for juxtarenal aneurysms and challenging neck anatomy**
Moderators: E. Verhoeven, J.-P. Becquemin
Panel: K. Donas, P. Kasprzak, E. Ducasse, S. Botsios
 11:00 – 11:06 A new conformable abdominal endovascular device *R. Rhee*
 11:06 – 11:12 Early experience with Ovation Alto™ stent graft: next generation ovation design with an elevated sealing ring *S. Lyden*
 11:12 – 11:18 Custom EVAR (c-EVAR) designs, a step in between standard EVAR and FEVAR devices *J. van den Berg*
 11:18 – 11:24 Endovascular fixation of aortic endografts – a solution for short aortic necks? *G. Pratesi*
FEVAR vs. Ch-EVAR: What is best for challenging aortic necks?
 11:24 – 11:30 In favor of Ch-EVAR and Endoanchor-EVAR and how they have emerged as highly useful treatment options for short-neck and juxtarenal AAAs *F. Criado*
 11:30 – 11:35 In favor of FEVAR and why extended sealing zones with 3 and 4 fenestrations are better than standard double fenestration *E. Verhoeven*
 11:35 – 12:03 ■ *Live from Münster: Chimney EVAR for short aortic neck pathology – Step by step*
 12:03 – 12:09 Two year comparison of fenestrated and branch grafts vs. parallel grafts for the treatment of juxtarenal and thoracoabdominal aneurysms at a single center *J. F. McKinsey*
 12:09 – 12:15 Evaluating the optimal combination of aortic endografts and chimney devices in the treatment of complex aneurysms: insights from the Pericles registry *K. Donas*
 12:15 – 12:21 First clinical experience with a new balloon-expandable stent graft: Potential advantages for side branch reconstruction during EVAR of complex pathologies *E. Verhoeven*
 12:21 – 12:27 ChEVAS Nellix with chimneys: What we've learned from a single center study *P. Szopinski*
 12:27 – 12:30 Discussion and conclusion
- 12:30 – 13:30 Lunch symposium: Advancing EVAR: Access more AAA patients and customise each seal**
 supported with an educational grant from Endologix
Moderators: D. Scheinert, A. Holden
Panel: E. Verhoeven, S. Lyden, M. Storck
 12:30 – 12:40 Impact of infrarenal neck diameter on midterm outcome following EVAR: Considerations for repair choice and surveillance *E. Verhoeven*
 12:40 – 12:50 Finally, an ultra-low profile endograft that is not a tradeoff: Deliverability, patency, and durability of the Ovation® platform *S. Lyden*
 12:50 – 13:00 Why the Ovation® may improve EVAR outcomes in women *M. Storck*
 13:00 – 13:25 ■ *Recorded case presentation* *S. Nikol*
 13:25 – 13:30 Discussion and conclusion



- 13:30 – 15:00 **Acute aortic syndrome: Intramural hematoma, penetrating ulcer, and aortic dissection**
Moderators: *M. van Sambeek, W. Guo*
Panel: *W. Fu, T. Kölbel, W. Ritter*
- 13:30 – 13:36 Intramural hematoma and penetrating ulcers:
Natural history and indications for treatment *D. Böckler*
- 13:36 – 13:42 Optimal medical treatment for patients with TBADs:
Where does it usually go wrong *C. Nienaber*
- 13:42 – 13:48 Technical considerations for EVAR of Type B aortic dissections
M. Marrocco Trischitta
- 13:48 – 13:54 Despite common believe – oversizing is also justified in TEVAR
for Type B aortic dissections *T. Kölbel*
- 13:54 – 14:20 ■ **Live case transmission from Paris**
- 14:20 – 14:26 Asymptomatic collapse of the true lumen in TBAD or “radiologic malperfusion”:
Can TEVAR intervention be justified with available evidence? *F. Criado*
- 14:26 – 14:32 Predicting successful aortic remodeling and clinical success of EVAR in Type B
aortic dissections – What can we learn from pre-op CT imaging? *W. Guo*
- 14:32 – 14:42 Branched EVAR for a chronic Type B dissection through the false lumen
P. Kasprzak
- 14:42 – 14:48 First line treatment of acute Type B dissections with the MFM multilayer stent:
Preservation of branches and remodelling of the aorta – Does it work?
R. Kolvenbach
- 14:48 – 14:54 Secondary procedures after EVAR for Type B aortic dissections – When and how?
G. Richter
- 14:54 – 15:00 Adjunctive techniques to induce false lumen thrombosis after TEVAR for TBADs
T. Kölbel

15:00 – 16:30 CX@LINC: Aortic endovascular techniques at CX 2017Moderator: *R. Greenhalgh*Panel: *T. Kölbel, D. Böckler, A. Holden*

Welcome by panel

Video presentation: “Tips and tricks in aortic arch interventions” *T. Kölbel*

Audience participation and discussion

Video presentation: “FEVAR case: how to reduce radiation exposure
during complex endovascular repair” *S. Haulon presented by D. Böckler*

Audience participation and discussion

Video presentation: “Technique for delivery of branched grafts
during chimney or juxta-renal aortic procedures” *A. Holden*

Audience participation and discussion

Video presentation: “Tips and tricks for on table imaging to detect
EVAR endoleak” *D. Böckler*

Audience participation and discussion



- 16:30 – 18:00 **Advanced techniques for challenging necks cont'd and solutions for endoleaks**
Moderators: *T. Kölbel, R. Chiesa*
Panel: *D. Böckler, J.-P. de Vries, M. Lachat, E. Al-Sibaie, M. Gargiulo*
- 16:30 – 16:36 Combined technique (chFEVAR) (chimney + fenestrated endograft)
for complex aneurysm *E. Ducasse*
- 16:36 – 16:44 ■ **Recorded live case: The fenestrated Anaconda endograft** *M. Reijnen*
- 16:44 – 16:50 Adaptation of the peri-renal aorta after placement of an AAA stent graft
R. Meerwaldt
- 16:50 – 17:18 ■ **Live case transmission from Münster**
- 17:18 – 17:24 Changes in stent graft apposition and neck morphology post EVAR,
CHEVAR and FEVAR. Are there any differences? *J.-P. de Vries*
- 17:24 – 17:30 3–4x FEVAR vs. standard 2xFEVAR: expected advantages and
potential risks *E. Verhoeven*
- 17:30 – 17:36 Routine closure of gutters with liquid polymer solves the Chimney problem
and makes them as good as fenestrated grafts *R. Kolvenbach*
- 17:36 – 17:42 100% of RAAAs can be treated by EVAR and adjunct techniques as Chimneys
and Onyx embolisation – a single center study *T. Larzon*
- 17:42 – 17:48 Treatment options of late failures (particularly migration) of EVAS *M. Reijnen*
- 17:48 – 17:54 Aneurysm sac filling: a new method to treat endoleaks *M. Jacobs*
- 17:54 – 18:00 Transcaval embolisation of Type 2 Endoleak after EVAR *T. Kölbel*



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| 08:00 – 09:30 | Focus session: Embolisation therapies and interventional oncology – Part I <i>Moderators: U. Teichgräber, M. Moche</i> <i>Panel: T. J. Vogl, P. Huppert, R. Lookstein</i> |
| 08:00 – 08:08 | Percutaneous tumor ablation: indications and technical innovations <i>M. Pech</i> |
| 08:08 – 08:33 | ■ <i>Live case transmission from Frankfurt</i> |
| 08:33 – 08:41 | Holmium-166 radioembolisation compared to Yttrium-90 radioembolisation <i>R.-T. Hoffmann</i> |
| 08:41 – 08:49 | Radiofrequency ablation versus microwave ablation in HCC and liver metastasis <i>T. J. Vogl</i> |
| 08:49 – 09:14 | ■ <i>Live case transmission from Jena</i> |
| 09:14 – 09:22 | Percutaneous after loading therapy in inoperable liver tumors <i>D. Schnapauuff</i> |
| 09:22 – 09:30 | Radioembolisation in colorectal liver metastasis <i>B. Gebauer</i> |
| 09:30 – 10:15 | Symposium: Embolisation and mechanical thrombectomy supported with an educational grant from Penumbra <i>Moderator: J. van den Berg</i> <i>Panel: L. P. Moramarco, G. de Donato, S. D'Souza</i> |
| 09:30 – 09:34 | Introduction |
| 09:34 – 09:46 | Efficient endoleak treatment with Penumbra large volume coils <i>L. P. Moramarco</i> |
| 09:46 – 09:58 | Is the Indigo system a surgeon's best friend? My experience <i>G. de Donato</i> |
| 09:58 – 10:10 | Indigo system: can mechanical thrombectomy be a cost-effective solution? <i>S. D'Souza</i> |
| 10:10 – 10:15 | Discussion and conclusion |
| 10:15 – 11:00 | Symposium: Advances in peripheral embolisation therapies supported with an educational grant from Medtronic <i>Moderator: M. Treitl</i> <i>Panel: N. Dias, H. Lindgren</i> |
| 10:15 – 10:20 | Introduction |
| 10:20 – 10:30 | Miniaturisation of plugs: How does it advance the embolisation practice? Lecture and case series. <i>N. Dias</i> |
| 10:30 – 10:40 | Advances in coil design: the new 3D detachable fibered coil <i>H. Lindgren</i> |
| 10:40 – 10:50 | Embolisation of Type II endoleaks with a combination of liquid embolic and microvascular plug <i>M. Treitl</i> |
| 10:50 – 11:00 | Discussion and conclusion |
| 11:00 – 12:30 | Focus session: Embolisation therapies and interventional oncology – Part II <i>Moderators: R. Lookstein, T. J. Vogl</i> <i>Panel: R.-T. Hoffmann, U. Teichgräber, B. Radeleff</i> |
| 11:00 – 11:08 | Efficacy and safety of chemoembolisation using 40µm Doxorubicin-eluting microspheres in hepatocellular carcinoma <i>U. Teichgräber</i> |
| 11:08 – 11:33 | ■ <i>Live case transmission from Jena</i> |
| 11:33 – 11:41 | Chemoembolisation with drug eluting beads preloaded with irinotecan (DEBIRI) liver metastases <i>F. Orsi</i> |
| 11:41 – 11:49 | Chemoembolisation using Lipiodol based techniques <i>P. Huppert</i> |
| 11:49 – 12:14 | ■ <i>Live case transmission from Frankfurt</i> |
| 12:14 – 12:22 | Immuno oncology in regional treatments of metastasis <i>F. Orsi</i> |
| 12:22 – 12:30 | Do we need an Angio-CT suite to optimize embolisation procedures? <i>M. Moche</i> |

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| 12:35 – 13:20 | Lunch symposium: Is there a need for flexible stents in patients with venous outflow obstruction? supported with a restricted educational grant from COOK Medical <i>Moderator: S. Black</i> <i>Panel: M. Ramirez Ortega, R. de Graaf</i> |  |
| 12:35 – 12:40 | Introduction <i>S. Black</i> | |
| 12:40 – 12:55 | Helping patients with venous outflow obstruction get back to living in Madrid <i>M. Ramirez Ortega</i> | |
| 12:55 – 13:10 | Post thrombotic syndrome: the importance of stent flexibility <i>R. de Graaf</i> | |
| 13:10 – 13:20 | Discussion and conclusion | |
| 13:30 – 15:00 | VIVA@LINC: Deep dive into vessel prep: Is it a fad or the optimal pathway forward? ■ <i>with John Rundback live from Teaneck</i> <i>Moderators: G. Ansel, K. Rocha-Singh</i> <i>Panel: E. Armstrong, T. Das, J. Laird, P. Schneider</i> Flash presentations: What can coronary specialists teach the vascular community about the value of vessel prep? <i>T. Das</i> Defining vessel prep: how can we set ourselves up for best results? <i>P. Schneider</i> Atherectomy: is vessel preparation for DCB the breakthrough indication? <i>E. Armstrong</i> Future algorithm for lower extremity revascularisation: where does vessel prep fit? <i>J. Laird</i> |  |
| 15:00 – 16:30 | Focus session: Embolisation therapies and TIPS <i>Moderator: U. Teichgräber</i> <i>Panel: T. J. Vogl, M. Pech, W. Wohlgemuth, B. Radeleff</i> | |
| 15:00 – 15:08 | Medium and long-term outcome of prostate artery embolisation for patients with benign prostatic hyperplasia <i>A. Rampoldi</i> | |
| 15:08 – 15:29 | ■ <i>Live case transmission from Jena</i> | |
| 15:29 – 15:37 | TIPS Implantation: results and outcome in a liver transplant center <i>T. J. Vogl</i> | |
| 15:37 – 15:45 | Value of cone-beam CT to identify anatomic variations for prostate artery embolisation <i>T. Franiel via satellite from Jena</i> | |
| 15:45 – 15:53 | Endovascular treatment of arterial-venous malformations: Effectiveness and safety <i>W. Wohlgemuth</i> | |
| 15:53 – 16:14 | ■ <i>Live case transmission from Frankfurt</i> | |
| 16:14 – 16:22 | Interventional treatment of acute and chronic gastrointestinal bleeding <i>R. Aschenbach</i> | |
| 16:22 – 16:30 | Beyond gastrointestinal bleeding – Tips and tricks for emergency coil embolisation in various locations <i>B. Radeleff</i> | |

16:30 – 18:00

Miscellaneous topics: Renal, visceral interventions and beyond*Moderators: R. Lookstein, I. Baumgartner**Panel: D. Do, T. Heller, F. Mahfoud*

16:30 – 16:36

Renal stenting: Are there still valid indications? *I. Baumgartner*

16:36 – 16:42

Update on renal denervation: Latest technical developments and data
F. Mahfoud

16:42 – 17:09

■ *Live case transmission from Leipzig*

17:09 – 17:15

Chronic visceral ischemia: tips and tricks *J. van den Berg*

17:15 – 17:21

Large vessel vasculitis – messages for the interventionalist *U. Hoffmann*

17:21 – 17:27

Endovascular techniques for visceral artery aneurysm treatment
S. Müller-Hülsbeck

17:27 – 17:46

■ *Live case transmission from Teaneck*

17:46 – 17:52

The SUTTON syndrome: Rare but dangerous *S. Basche*

17:52 – 18:00

Interventional options for treatment of pelvic congestion syndrome
G. O'Sullivan

09:30 – 10:30

SITE@LINC: An open debate about new concepts and concerns in EVAR/TEVAR Objective: to identify current limitations and propose future directions



Moderator: *V. Rimbau*

Discussants: *E. Verhoeven, D. Böckler, A. Holden, N. Mosquera*

Topics to be discussed:

- How do you foresee the real role of the sac-filling concept?
- The post-implant syndrome: is it a real concern to be avoided?
- What will be the best endovascular solution for the arch pathology?
- Are new adjuvants needed for acute and chronic Type B dissection management

11:00 – 12:00

VIVA@LINC: Strategies on the frontline – The year in review: My worst complication of 2017



Moderator: *P. Schneider*

Discussants: *M. Mehta, E. Armstrong, G. Ansel*

Aortic *M. Mehta*

Carotid *E. Armstrong*

Lower extremity *G. Ansel*

Venous *TBD*

This is a case-based session focusing on what we like best ... real cases with challenges and complications that make the experts sweat. In this amphitheater setting, audience participation is encouraged and step-by-step case management is featured and discussed. This round room setting is dedicated to controversial or interactive talk-show-like sessions.

12:35 – 13:20

Lunch symposium: Drug-coated balloons for peripheral interventions: a 360° virtual reality experience



supported with an educational grant from Cardionovum

Moderators: *P. Goverde, D. Scheinert*

12:35 – 12:38

Introduction

12:38 – 12:45

SAFEPAX®: What's new in the 3rd generation paclitaxel balloon matrix coating?

E. Ducasse

12:45 – 12:55

How can we improve treatment of long femoropopliteal lesions with DCB?

M. Bosiers

12:55 – 13:05

■ Recorded case presentation: *Let's do it together: experience the future of "medicine in virtual reality"* *E. Marone*

13:05 – 13:15

■ Recorded case presentation: *How can we protect the (CLI) patients to the potential risk of microembolisation?* *K. Deloose*

13:15 – 13:20

Conclusions and closing remarks

14:00 – 15:00

Experience the treatment journey of complex cases with innovative vascular solution – Case studies across the spectrum of vascular care

supported with an educational grant from Gore & Associates

Moderator: *M. Makaroun*

Treatment of complex thoracic cases *C. Nienaber*

Clinical implications of the aortic arch and thoracic curvature remodeling after TEVAR *V. Rimbau*

Preserving the hypogastric artery: why, when and how *G. Pratesi*

15:30 – 16:30

CICE@LINC: The role of mechanical thrombectomy in arterial and venous obstructions



Moderator: *A. Lobato*

Venous thrombectomy: greater effectiveness with lower risk! *L. Furuya*

Hemodialysis vascular access salvage with mechanical debulking device

C. Rigueti-Pinto

Mechanical debulking – Is it effective in endograft iliac limb occlusion?

G. Meirelles

Mechanical thrombectomy in peripheral interventions: A multitask and effective tool in a widening scenario. Current evidence and technical tips. *B. Freitas*

Acute and subacute ischemia of the lower limb – Can mechanical debulking replace surgery and thrombolyses? *M. Bulvas*

Discussion



- 08:00 – 09:30** **Deep dive session: Lower limb interventions (part I) – Focus on vessel preparation and drug-coated balloons**
 Moderators: T. Das, I Baumgartner
 Panel: G. Adams, H. Krankenberg
 ■ **Live case transmission from Leipzig**
 08:00 – 08:15 What is vessel preparation and how have the DEFINITIVE LE and DEFINITIVE AR results influenced current practice? L. Garcia
 08:15 – 08:20 What have we learned so far in the REALITY study? K. Rocha-Singh
 08:20 – 08:25 Laser in practice: defining the right settings across different lesion morphologies G. Adams
 08:25 – 08:30 The PRELUDE study: PRospective Study for the TrEatment of Atherosclerotic Lesions in the Superficial Femoral and/or Popliteal Arteries Using the Serranator® Device A. Holden
 08:30 – 08:35 Comparison of particulate embolisation in different DCB formulations A. Finn
 08:35 – 08:40 Real-world experience with a Paclitaxel Coated Balloon for the treatment of atherosclerotic infrainguinal arteries. Twelve-month results of the BIOLUX P-III All Comers Registry in diabetic patients M. Brodmann
 08:40 – 08:45 12-month results from the IN.PACT DCB in a Chinese population W. Guo
 08:45 – 08:50 12-month results with the ORCHID DCB: The Leipzig experience S. Steiner
 08:50 – 08:55 The role of DCB in Korea practice: LUTONIX DCB Korean registry 1-year data in fem-popliteal arteries J. K. Kim
 08:55 – 09:00 First report of the SELUTION trial: 6-month outcomes of a Novel Sirolimus coated DCB technology evaluated in SFA T. Zeller
 09:00 – 09:05 The LEGDEB registry – 12-month results with the Legflow® DCB in femoropopliteal de novo and restenotic lesions E. Stabile
 09:05 – 09:10 Impact of gender on outcomes: Review of the IN.PACT SFA 3-year results M. Kohi
 09:10 – 09:15 Drug coated balloons vs. BMS for the treatment of femoropopliteal lesions H. Krankenberg
 09:15 – 09:20 Health economic analysis of DCB use in Belgium: Implications for practice F. Vermassen
 09:20 – 09:25 Discussion and conclusion
- 09:30 – 10:45** **JET@LINC**
 Moderators: G. Biamino, Y. Yokoi, H. Yokoi
 Panel: K. Urasawa, O. Iida
 09:30 – 09:35 Introduction
 09:35 – 09:43 Aorto-Iliac artery disease treated with endovascular therapy (EVT) of stent placement; multicenter prospective registry in Japan: OMOTENASHI Y. Yamauchi
 09:43 – 09:51 Peripheral artery CTO crossing in Japan K. Urasawa
 09:51 – 09:59 Challenging for calcified complex SFA lesion assessed by intravascular ultrasound M. Fujihara
 09:59 – 10:07 Ideal strategy for long SFA-CTO according to pathological findings D. Kawasaki
 10:07 – 10:15 Optimal endpoint of BTK intervention for wound healing M. Utsunomiya
 10:15 – 10:23 Decision making of treatment strategy in patients with CLI, learn from Priority and SPINACH study O. Iida
 10:23 – 10:45 Discussion and conclusion

- 10:45 – 12:30** **Deep dive session: Lower limb interventions (part I) – Focus on combination therapies and new implants**
 Moderators: G. Biamino, K. Rocha-Singh
 Panel: H. Yokoi
 10:45 – 10:50 Clinical plasticity of PLLA – Novel BioResorbable vascular platforms from India TBD
 10:50 – 10:55 Outcomes at 2 years in stented vs. non-stented patients post-DCB: A subanalysis from the IN.PACT Global study G. Ansel
 10:55 – 11:30 ■ **Live case transmission from Leipzig**
 11:30 – 11:35 Directional Atherectomy and Anti-Restenotic Therapy (DAART) in multilevel disease C. A. Gutierrez Diaz
 11:35 – 11:40 Combination therapy with atherectomy followed by DCB: 1-year outcomes with Lutonix DCB and 1-year outcomes with IN.PACT DCB L. Lopez
 11:40 – 11:45 12-month and preliminary 24-month outcomes of combining a DCB with a modern generation of nitinol stent in femoropopliteal lesions: analysis of the BIOLUX 4 EVER study L. Maene
 11:45 – 11:50 Short-term results of the RAPID Randomised trial of the Legflow® paclitaxel-eluting balloon with supra stenting vs. supra stenting alone for the treatment of intermediate and long superficial femoral artery lesions S. de Boer
 11:50 – 11:55 Combination of Supera DCB in revascularisation of long femoropopliteal occlusions. Single center experience A. Thomas
 11:55 – 12:00 12-month outcomes in the EVOLUTION study: Investigating the iVolution stent in femoropopliteal lesions M. Bosiers
 12:00 – 12:05 Impact of Zilver PTX after stent implantation for femoropopliteal lesions for 2-year follow up. How to maximize performance of Zilver PTX E. Ojima
 12:05 – 12:10 The clinical comparison of Zilver PTX and Innova for femoropopliteal lesions in Japanese single center K. Ogata
 12:10 – 12:15 The Supera stent in retrograde vascular access for SFA ostium treatment: The SUPRA-FAST registry V. Pestrichella
 12:15 – 12:20 Laser and DCB for SFA ISR: follow-up of a single center cohort up to 5 years J. van den Berg
 12:20 – 12:25 LIBERTY 360: Predictors of 1-year outcomes of endovascular device interventions in patients with symptomatic lower extremity peripheral artery disease W. Gray
 12:25 – 12:30 Discussion and conclusion
- 12:30 – 13:30** **Lunch symposium: New options and treatment times with EKOS™ Acoustic Pulse Thrombolysis™**
 supported with an educational grant from BTG
 Moderator: N. Kucher
 Panel: M. Garcia, K. Sterling, N. Hatam
 12:30 – 12:35 Introduction
 12:35 – 12:50 Access PTS – how do I treat my PTS patients M. Garcia
 12:50 – 13:05 The OPTALYSE PE trial – Reducing thrombolytic dose and treatment times with EKOS™ in the treatment of pulmonary embolism patients K. Sterling
 13:05 – 13:20 The surgeon's perspective on PE N. Hatam
 13:20 – 13:30 Discussion and conclusion



- 13:30 – 14:15 **Expert opinion on deep venous stenting – patient selection, technique, and clinical outcomes**
supported with an educational grant from Boston Scientific
Moderator: S. Black
Panel: M. Lichtenberg, M. Lugli, O. Hartung
- 13:30 – 13:35 Introduction
- 13:35 – 13:45 Venous stenting experience in Arnsberg *M. Lichtenberg*
- 13:45 – 13:55 Venous stenting experience in Modena *M. Lugli*
- 13:55 – 14:05 Venous stenting experience in Marseille *O. Hartung*
- 14:05 – 14:15 Discussion and conclusion
- 14:15 – 16:00 **Deep dive session: Endovenous therapies – Part I**
Moderators: N. Kucher, S. Black
Panel: S. Kum, M. Lichtenberg, R. de Graaf
- Focus on IVC filters**
- 14:15 – 14:22 Pro and cons of IVC filter implantation: What are the established indications?
R. Lookstein
- 14:22 – 14:27 Challenging case: Massive thromboembolism trapped in IVC filter during total hip replacement arthroplasty *Y.-J. Park*
- 14:27 – 14:34 Tips and tricks for challenging and complex IVC filter *F. Elmasri*
- 14:34 – 14:39 To worry or not to worry with a ruptured inferior vena cava post IVC filter removal *C. Stout*
- Focus on deep vein recanalisation**
- 14:39 – 14:46 Clinical evaluation and case planning of venous recanalization procedures
M. Gohel
- 14:46 – 14:53 CTV vs. MRV for imaging of venous disease *J. van den Berg*
- 14:53 – 15:08 ■ Recorded case presentation *N. Kucher*
- 15:08 – 15:15 Assessing the CFV – do I need to perform an endophlebectomy or not
A. Rosales
- 15:15 – 15:22 Where to include IVUS in optimal venous diagnostic treatment pathway *E. Murphy*
- 15:22 – 15:29 Radiation dose in venous procedures how do we actively reduce this
G. O'Sullivan
- 15:29 – 15:36 Is there a place for endovascular therapy of acute venous thrombosis after ATTRACT? *O. Schlager*
- 15:36 – 15:43 Single session pharmaco-mechanical venous thrombectomy – how to do it!
G. O'Sullivan
- 15:43 – 15:50 Evidence on mechanical thrombectomy for iliofemoral DVT *M. Lichtenberg*
- 15:50 – 15:57 Assessing adequate clot removal after lysis – when are you done and decision making in what stent *S. Black*
- 15:57 – 16:00 Discussion and conclusion

- 16:00 – 17:30 **Deep dive session: Endovenous therapies – Part II**
Moderators: G. O'Sullivan, E. Murphy
Panel: R. Kolluri, M. Ulrich, K. Brachmann
- Towards new venous stent designs: A device parade**
- 16:00 – 16:05 VIVO EU and VIVO US : experience with the ZILVER VENA stent *G. O'Sullivan*
- 16:05 – 16:10 Building clinical evidence: Update on the ABRE study *S. Black*
- 16:10 – 16:15 VENOVO® Venous stent – Update on the Vernacular trial *H. Jalaie*
- 16:15 – 16:20 Patency rates and clinical results of the Venovo venous stent in a real world registry *M. Lichtenberg*
- 16:20 – 16:25 Patency rates and clinical results of the Veniti VICI stent for the treatment of iliac vein lesion *M. Lichtenberg*
- 16:25 – 16:30 The bifurcation stent: Sinus obliquus *TBD*
- 16:30 – 16:35 Matching the right venous stent to your patient and their individual anatomy
R. Varcoe
- 16:35 – 16:42 How to use anatomical landmarks only to precisely position left common iliac venous stents at the IVC confluence *G. O'Sullivan*
- 16:42 – 16:49 Re-intervention in venous stents – causes, identification and solution
R. de Graaf
- Focus on superficial venous disease**
- 16:49 – 16:56 Diagnostic workup prior to ablation therapy of superficial venous disease
A. Lukhaup
- 16:56 – 17:03 VeClose trial: Cyanoacrylate closure vs. RF ablation 36-month results
T. Hirsch
- 17:03 – 17:10 Laser technology: latest developments *M. Ulrich*
- 17:10 – 17:17 Managing the challenging patient: Ancillary procedures for complex anatomies *R. Kolluri*
- 17:17 – 17:30 Panel discussion





Preliminary programme

- 09:00 – 10:45 Selected abstracts challenging cases – venous/AV**
Moderator: J. Balzer
Panel: B. Yan
- 09:00 – 09:05 Management of 21 year old female with extensive bilateral phlegmasia cerulæ dolens and ileocaval thrombosis *B. Ghoneim*
- 09:05 – 09:10 Ilio-Iliac arteriovenous fistula – a diagnostic and therapeutic challenge *A. Coelho*
- 09:10 – 09:15 Intracardiac migration of a stent implanted in the superior vena cava: Presentation of a severe complication after endovascular treatment of superior vena cava syndrome *N. M. Coraizaca Chicaiza*
- 09:15 – 09:20 Complexities in managing malignant pulmonary artery stenosis: difficult decisions in a patient with prior pneumonectomy *C. Brittingham*
- 09:20 – 09:25 Endovascular repair of iliac vein laceration associated to complex pelvic fracture *V. Mosquera Rey*
- 09:25 – 09:30 Role of only balloon dilatation in treatment of postphlebitic patients with ilio-caval obstruction and good venous inflow *M. Ismail*
- 09:30 – 09:35 Recurrent non-malignant SVC in-stent restenosis treated with Culotte bifurcation stenting technique *B. Yan*
- 09:35 – 09:40 Phlegmasia cerula dolens and compartmental syndrome as a complication of improperly managed femoro- popliteal DVT with May Thurner syndrome *E. Elashaal*
- 09:40 – 09:45 Unusual approach to endovascular treatment of intractable iliofemoral deep venous thrombosis *M. M. Can*
- 09:45 – 09:50 Retrieval of embolised chemotherapy portacath in the heart by endovascular technique *M. Kalyoncuoğlu*
- 09:50 – 09:55 Double barrel stent technique for treating chronic inferior vena cava occlusion *M. Saleh*
- 09:55 – 10:00 Combined open surgery and endovascular stenting for a case of long-standing iatrogenic femoral arteriovenous fistula complicated with pulmonary hypertension *W. H. Hsu*
- 10:00 – 10:05 Common iliac vein compression secondary to significant bladder distension *C. Pedron*
- 10:05 – 10:10 Endovascular avoidable complication in a lupus patient *S. Izadpanahmadsaraee*
- 10:10 – 10:15 Vascular access construction. A constant creative attitude is required *P. Pinto Sousa*
- 10:15 – 10:20 Radial access for fistula angioplasty: a minimally invasive and versatile option. Case report and literature review *M. Giusti*
- 10:20 – 10:45 Discussion and conclusion

- 11:00 – 12:30 Patient centered clinical trials: Engagement and innovation**
Moderator: M. van Sambeek
- 11:00 – 11:05 Introduction
- 11:05 – 11:15 Patient recruitment and retention challenges *M. Brodmann*
- 11:15 – 11:25 The role of patient reported outcomes in cardiovascular trials *M. van Sambeek*
- 11:25 – 11:35 Incorporating the “patient’s voice” in clinical research *TBD*
- 11:35 – 11:45 Digital patient engagement/patient centric technologies *A. Talen*
- 11:45 – 11:55 EU-MDR/GDPR: From complex regulation to impactful change *M. Roelants*
- 11:55 – 12:30 Discussion and conclusion
- 12:30 – 14:00 Innovation forum – PVD/carotid/venous/embolisation/miscellaneous**
Moderator: J. van den Berg
Panel: S. Bartus, J. Balzer
- 12:30 – 12:36 The development of the Neuroguard IEP system: A novel 3-in-1 carotid artery stent system with an integrated embolic protection filter and post-dilation balloon *R. Sachar*
- 12:36 – 12:42 Histological evaluation of filter contents in mesh-covered vs standard nitinol stents during carotid stenting using the paladin system *I. Petrov*
- 12:42 – 12:48 The effect of carotid stent flushing during carotid artery stenting on the delayed embolic events *M. Mitka*
- 12:48 – 12:54 Percutaneous arteriovenous fistula creation with the Ellipsys Vascular Access system – Initial results from the first centre in Europe *A. Mallios*
- 12:54 – 13:00 GPX by Fluidx medical technology: a biomimetic, in situ setting embolisation agent *J. Mustapha*
- 13:00 – 13:06 Perfused Human Thiel embalmed cadavers – liquid embolisation training model *H. McLeod*
- 13:06 – 13:12 GELITA-SPON® RAPID3 and TUFT-IT® in different open vascular procedures *A. Vanhulle*
- 13:12 – 13:18 Initial experience of SIOXX XL stent use in occlusive venous disease *A. Moraes*
- 13:18 – 13:24 Peripheral venous flow model for device testing and training in human Thiel embalmed cadavers *H. McLeod*
- 13:24 – 13:30 Double ante-grade femoral sheath for kissing technique in infrapopliteal tibial angioplasty *M. Haggag*
- 13:30 – 13:36 Percutaneous deep venous foot arterialisation – a new technique for creating arterial-venous fistula *B. Migliara*
- 13:36 – 13:42 Imaging analysis of angiography using open source computer vision library in patients with BTK amputation and salvaged limb *N. Miyagi*
- 13:42 – 14:00 Discussion

- 14:00 – 15:30 Selected abstracts challenging cases – EVAR**
Moderator: P. Cao
Panel: D. Branzan
- 14:00 – 14:05 TEVAR to false lumen of chronic Type B aortic dissection with aneurysmal dilatation when there are no other options, novel technique *S. Koussayer*
- 14:05 – 14:10 Management of abdominal compartment syndrome after rupture EVAR in 75 year IHD patient *B. Ghoneim*
- 14:10 – 14:15 Descending thoracic aneurysm complicating subacute aortic dissection with significant right common iliac secondary tear and static malperfusion of right kidney intended 2 stage procedure, unexpected outcome *A. El Samadoni*
- 14:15 – 14:20 9 cm abdominal aortic aneurysm with angulated neck – an endovascular challenge: case report *A. Naga*
- 14:20 – 14:25 Management of a symptomatic mycotic celiac artery aneurysm with chimney technique *A. Coelho*
- 14:25 – 14:30 Acute lower limbs ischemia as a late complication after EVAR *E. Herrero Martínez*
- 14:30 – 14:35 Multidisciplinary treatment of complex thoracoabdominal aortic dissection *E. Peretti*
- 14:35 – 14:40 Hybrid bail-out carotid chimney and concurrent intracranial thrombolysis for acute stroke 7 days post TEVAR *F. Alomran*
- 14:40 – 14:45 Treatment of complex dissecting aortic aneurysm: targeting the fenestrations. Case report *C. Speter*
- 14:45 – 14:50 Visceral debranching and periscope technique combined with endovascular repair for the treatment of thoracoabdominal aortic aneurysm *V. Suwanruangsri*
- 14:50 – 14:55 Hybrid repair of mycotic innominate artery pseudoaneurysm *C. Fernandez Prendes*
- 14:55 – 15:00 A single-stage hybrid endovascular repair of symptomatic Type V thoracoabdominal aortic aneurysms: combined sandwich and debranching technique *W. Saengprakai*
- 15:00 – 15:05 Chimney endovascular aneurysm sealing (ch-EVAS) for ruptured abdominal aortic aneurysms due to Type Ia endoleak following failed EVAS *S. Orrapin*
- 15:05 – 15:10 Endovascular management of a large iliac artery pseudo-aneurysm caused by a failing hip replacement prosthesis, case report and technical challenges *M. Elkassaby*
- 15:10 – 15:15 Endovascular repair of thoracoabdominal aortic aneurysm using the off-the-shelf multibranched t-Branch stent graft: the aneurysm shrinkage could influence visceral stents sealing causing bridging stents fracture and Type III endoleaks *S. Fazzini*
- 15:15 – 15:20 Double-barreled cannon and branched stent-grafting for thoracoabdominal aortic aneurysm—the Hexapus technique *I.-M. Chen*
- 15:20 – 15:30 Discussion and conclusion

- 11:00 – 12:30 Selected abstracts original research – AV/venous**
Moderators: K. Mathias, W. Liang, S. Kum
- 11:00 – 11:05 A prospective, multi-center, randomised controlled trial evaluating the safety and efficacy of the paclitaxel releasing peripheral balloon dilatation catheter (APERTO OTW) for the treatment of arteriovenous fistulae stenosis in patients undergoing hemodialysis *Q. Jin*
- 11:05 – 11:10 Aspiration thrombectomy of dialysis fistulas thrombosis *C. Marcelin*
- 11:10 – 11:15 Balloon angioplasty with selective stenting strategy in treatment of hemodialysis related central vein occlusive lesions *M. Saleh*
- 11:15 – 11:20 Focal force balloon plus drug eluting balloon new strategy for vascular access stenosis *M. Franchin*
- 11:20 – 11:25 Outcomes comparison of chest wall arteriovenous grafts and lower extremity arteriovenous grafts in patients with long-standing renal failure *J. Yin*
- 11:25 – 11:30 Current trend in west of Ireland for initiating dialysis in chronic renal failure patients *M. Elkassaby*
- 11:30 – 11:35 Catheter-directed fragmentation with local thrombolytic therapy and anticoagulant therapy in patients with intermediate-high-risk pulmonary embolism *P. Ignatenko*
- 11:35 – 11:40 The early and mid-term results of endovascular treatment for central venous obstruction *W. Liang*
- 11:40 – 11:45 Mid-term results of catheter-directed foam sclerotherapy combined with tumescent local anesthesia for treatment of great saphenous vein incompetence *H. Ali*
- 11:45 – 11:50 The v-block occlusion stent for varicose vein treatment *R. Kolvenbach*
- 11:50 – 11:55 Compression therapy and endovenous treatment of Klippel-Trenaunay syndrome *J. Yin*
- 11:55 – 12:00 Therapy of varicose veins in patients with severe comorbidities *B. Cucuruz*
- 12:00 – 12:05 Risk of venous stenting across the inguinal ligament on occlusion of great saphenous vein *H. Jalaie*
- 12:05 – 12:10 Histological changes following closure FAST treatment *K. Brachmann*
- 12:10 – 12:15 Acute upper extremity deep vein thrombosis-effectiveness of SVC filter *S. Nagib*
- 12:15 – 12:20 Role of inferior vena cava filter insertion prior to thrombolysis of acute ilio femoral deep venous thrombosis *M. Ismail*
- 12:20 – 12:30 Discussion and conclusion

- 13:30 – 14:30 Selected abstracts original research – SFA/femoral**
Moderator: R. Langhoff Panel: U. Speck, G. Adams
- 13:30 – 13:35 Safety and efficacy of distal superficial femoral artery puncture for femoropopliteal occlusive lesions; result from the multicenter REVERSide registry *N. Tatsuya*
- 13:35 – 13:40 Rotational thrombectomy (Rotarex®) for (sub)acute limb ischemia—a safe approach also in patients with diabetes mellitus? *M. Dufner*
- 13:40 – 13:45 The randomised Freeway stent study completed the 12-month follow up and favors the use of drug-eluting balloons over plain balloons for the postdilatation of nitinol stents in the SFA and PI segment to lower restenosis rate *S. Müller-Hülsbeck*
- 13:45 – 13:50 The use of a Colapinto TIPS needle under cone-beam CT guidance for true lumen re-entry in subintimal recanalization of chronic iliac artery occlusion *H.-L. Liang*
- 13:50 – 13:55 Treatment of femoropopliteal atherosclerotic lesions using the Ranger paclitaxel-coated balloon catheter – 12-month results from an all-comers registry *M. Lichtenberg*
- 13:55 – 14:00 Drug-coated balloons: Impact of the balloon structure on drug transfer *U. Speck*
- 14:00 – 14:05 Comparison of primary long stenting versus primary short stenting for long femoropopliteal artery disease (PARADE): A randomised controlled multicenter trial *Y.-G. Ko*
- 14:05 – 14:10 Distal hybrids – an option in long SFA CTO accompanied by severely compromised crural runoff *P. Kuryanov*
- 14:10 – 14:15 Endovascular revascularisation of native femoropopliteal arteries after bypass graft failure for limb salvage *D. Raskin*
- 14:15 – 14:20 Difference of tissue characters of early and late femoropopliteal in-stent restenosis evaluated by high resolution intravascular imaging, optical coherence tomography *A. Kozuki*
- 14:20 – 14:25 A pilot study of femoropopliteal artery revascularisation with Orchid DCB: Short-term results from a single center *S. Chenyang*
- 14:25 – 14:30 Discussion and conclusion

- 14:30 – 15:30 Selected abstracts original research – carotid/iliac/renal**
Moderator: B. deRubertis Panel: E. Wedell, R.-I. Rückert
- 14:30 – 14:35 Open heart surgery or carotid endarterectomy. Which procedure should be done first?
P. Pinto Sousa
- 14:35 – 14:40 Outcome of carotid artery stenting in patients with combined carotid and coronary artery disease
M. Juniery Pasciolly
- 14:40 – 14:45 Transcarotid stenting with reverse flow neuroprotection is a safe and effective alternative to carotid endarterectomy for high-risk patients
M. Foteh
- 14:45 – 14:50 Increase in serum S100B after carotid artery stenting and carotid endarterectomy
A. Alserr
- 14:50 – 14:55 Assessment of long-term survival after carotid endarterectomy and carotid stenting in patients older than 80 years
D. Mazzaccaro
- 14:55 – 15:00 Carotid angioplasty – current experience of a single Brazilian center
A. C. Silveira
- 15:00 – 15:05 Comparison of hybrid and open surgery effectiveness in treatment of iliac occlusive disease (TASC C, D) and concomitant lesion of common femoral artery: Randomised clinical study, preliminary results
P. Ignatenko
- 15:05 – 15:10 Verify the efficacy of renal artery stenting to define the predictive factors by physiological assessment with pressure wire gradient (VERDICT study)
M. Fujihara
- 15:10 – 15:15 A new treatment for chronic kidney disease: denervation in the collecting system with the Verve medical device
R. Heuser
- 15:15 – 15:30 Discussion and conclusion
- 15:30 – 16:30 Selected abstracts challenging cases – CLI/PVD/SFA**
Moderators: R. Varcoe, R. Heuser, Y.-G. Ko
- 15:30 – 15:35 Successful limb salvage in severe Buerger's disease with aggressive endovascular approach
N. Puangpunngam
- 15:35 – 15:40 Direct revascularisation (DR) to improve wound healing and prevent major amputation in CLI
A. Safar
- 15:40 – 15:45 FemPop graft failure: Resurrection with the CrossLock™LP
R. Heuser
- 15:45 – 15:50 Endovascular treatment for puncture site complication, inguinal hemorrhage, and incorrect puncture for internal jugular vein
A. Miyata
- 15:50 – 15:55 Radial access with embolic protection device to remove organised thrombus of left upper brachial artery
J.-W. Lee
- 15:55 – 16:00 Radial approach for CLI patient with unexpected trouble
D. Vasiljevs
- 16:00 – 16:05 EVT for Long SFA-CTO, usefulness of GIP method
S. Nakamura
- 16:05 – 16:10 Exceptional case of popliteal artery entrapment syndrome
E. Peretti
- 16:10 – 16:15 Endovascular treatment of posterior Nutcracker syndrome
A. Rodriguez-Morata
- 16:15 – 16:30 Discussion and conclusion





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- 08:00 – 09:30** **The last frontiers: Extreme BTK interventions**
Moderators: P. Schneider, R. Ferraresi
Panel: H. Yokoi, O. Bakker, M. Montero-Baker, S. Kum, A. Micari
 ■ **Live case transmission from Leipzig**
 08:00 – 08:20 Micro knuckle technique: Quick and easy recanalisation of re-occluded BTK arteries
K. Urasawa
 08:20 – 08:27 DCB for BTK arteries: New technologies and latest data *F. Liistro*
 08:27 – 08:34 Adventitial drug delivery for treatment of infrapopliteal critical limb ischemia
E. Armstrong
 08:34 – 08:41 When is below-the-ankle angioplasty indicated and how to introduce it into your practice?
P. Schneider
 08:41 – 08:48 ■ **Live case transmission from Abano Terme**
 08:48 – 09:09 Dorsalis pedis artery entrapment: curiosity or clinical issue in CLI patients?
R. Ferraresi
 09:09 – 09:16 How to assess procedural success in complex CLI-settings? Initial OMNIA results: unique tool in the assessment and clinical management of CLI *M. Brodmann*
 09:16 – 09:23 Angio-perfusion imaging in CLI-patients with pharmacological and catheter-based interventions? Can we predict outcome? *P. Huppert*
- 09:30 – 11:00** **Symposium: The role of purely mechanical debulking in thrombus containing lesions in arteries and veins**
 supported with an educational grant from Straub Medical
Moderator: G. O'Sullivan
Panel: B. Migliara, M. Lichtenberg, M. Bulvas, R. Loffroy, S. Kum
 09:30 – 09:33 Introduction
 09:33 – 09:40 ISR-treatment – The Leipzig experience with purely mechanical debulking
S. Bräunlich
 09:40 – 10:00 ■ **Live case transmission from Leipzig**
 10:00 – 10:07 Mechanical debulking in bypass occlusions – very fast and highly effective
B. Migliara
 10:07 – 10:27 ■ **Live case transmission from Leipzig**
 10:27 – 10:34 Setting up a deep venous service in your hospital *G. O'Sullivan*
 10:34 – 10:41 Our patients with acute proximal DVT – Effective thrombus removal with purely mechanical thrombectomy can lead to better outcomes *M. Lichtenberg*
 10:41 – 11:00 Discussion and conclusion

- 11:00 – 12:30** **The remaining challenges: Long lesions and in-stent-restenosis (ISR)**
Moderators: G. Adams, D.-D. Do
Panel: T. Fuß, J. van den Berg, H. Krankenberg, S. Steiner, C. Metzger
 Endovascular treatment of severe TASC C & D lesion with Gore® Viabahn endoprosthesis *M. Antonello*
 11:00 – 11:06 Comparing endoluminal to open fempop bypasses: Final 2-year results of the SUPER B trial *M. Reijnen*
 11:06 – 11:11 2-year results of a novel bi-directional SFA stent design: A comparative study of safety and efficacy *H. Krankenberg*
 11:11 – 11:17 ■ **Live case transmission from Leipzig**
 11:17 – 11:43 The ZILVERPASS study: a randomised study comparing ZILVER PTX stenting with bypass in femoropopliteal lesions (preliminary 12-month results) *M. Bosiers*
 11:43 – 11:48 2-year results of the COPA CABANA RCT of DCB vs. PTA for femoropopliteal ISR
G. Tepe
 11:48 – 11:53 New evidence from Laser + DCB in ISR *E. Armstrong*
 11:53 – 11:59 ■ **Live case transmission from Bad Krozingen**
 11:59 – 12:24 “Crush stenting” – an alternative approach to manage occluded femoropopliteal stents *S. Müller-Hülsbeck*
 12:24 – 12:30
- 12:30 – 13:25** **Lunch symposium:**
Live case with Dr. Andrej Schmidt: Options for crossing
 supported with a restricted educational grant from COOK Medical
Moderator: P. Schneider
Panel: R. Ferraresi, W. Loan
 Welcome *P. Schneider*
 What you need to know about crossing BTK lesions *W. Loan*
 ■ **Live case transmission from Leipzig**
 Panel discussion
- 13:30 – 15:00** **Glimpse into the future: Pioneering technique to master the remaining challenges in endovascular interventions**
Moderators: W. Gray, A. Holden
Panel: R. Heuser, A. Finn, K. Rocha-Singh, T. Das
 13:30 – 13:35 Advances in atherectomy: Phoenix atherectomy – why, when and how?
T. Bisdas
 13:35 – 13:40 Phoenix registry interim data *G. Adams*
 13:40 – 14:00 ■ **Live case transmission from Leipzig**
 14:00 – 14:06 Polypharmacy and the future of PAD and CLI drug therapy *A. Finn*
 14:06 – 14:12 Fusion techniques for treatment of peripheral artery interventions *Y. Gouëffic*
 14:12 – 14:18 Percutaneous transvenous prosthetic arterial bypass for long complicated fem-pop occlusions: The PQ Bypass procedure *G. Halena*
 14:18 – 14:40 ■ **Live case transmission from Münster**
 14:40 – 14:45 Update on the DETOUR I study: 12-month data *D. Scheinert*
 14:45 – 14:50 Clinical experience and latest clinical data with the EndoAVF technology
T. Steinke
 14:50 – 15:00 ■ **Recorded case presentation** *R. Jones*



- 15:00 – 16:30 **New concepts for AV-shunt revascularisation and central vein stenoses**
Moderators: A. Holden, B. Dolmatch
Panel: M. Treitl, S. O. Trerotola, K. Katsanos, P. Kitrou, A. Al-Sibaie
- 15:00 – 15:07 How the past lead to the future – A review of AV-shunt treatment options
B. Dolmatch
- 15:07 – 15:14 Lysis-Assisted Balloon (LAB) thrombectomy. A declotting technique for the treatment of thrombosed arteriovenous dialysis grafts. 5-year experience of 241 procedures *D. Karnabatidis*
- 15:14 – 15:42 ■ *Live case transmission from Teaneck*
- 15:42 – 15:49 Technical aspects of treating AVF with IN.PACT DCB *K. Katsanos*
- 15:49 – 15:59 ■ *Live case transmission from Teaneck*
- 15:59 – 16:04 Long term benefit from Lutonix 035 AV IDE trial *S. O. Trerotola*
- 16:04 – 16:09 First interim look at the LUTONIX® DCB AV registry *P. Kitrou*
- 16:09 – 16:14 Update on the IN.PACT AV access trial *A. Holden*
- 16:14 – 16:19 Treatment options for critical hand ischemia: A single center experience
R. Ferraresi
- 16:19 – 16:30 Discussion and conclusion
- 16:30 – 18:00 **The last frontiers: Extreme ilio-femoral interventions**
Moderators: T. Das, K. Urasawa
Panel: T. Rand, H. Krankenberg, T. Heller
- 16:30 – 16:37 Balloon expandable covered stents in aorta-iliac occlusive disease: Suddenly a crowded space *A. Holden*
- 16:37 – 16:44 Hybrid revascularisation techniques for complex peripheral arterial occlusions
H. Staab
- 16:44 – 17:12 ■ *Live case transmission from Leipzig*
- 17:12 – 17:19 Distal puncture and bidirectional wiring techniques: Key role in the treatment of long femoro-popliteal occlusive disease *K. Urasawa*
- 17:19 – 17:26 Results of 300 consecutive retrograde recanalizations of complex femoropopliteal or below-the-knee occlusions *E. Blessing*
- 17:26 – 17:55 ■ *Live case transmission from Bad Krozingen*
- 17:55 – 18:00 Discussion and conclusion

- 08:00 – 10:15 **Pioneering techniques for the thoracic aorta and the aortic arch**
Moderators: V. Riambau, M. Lachat
Panel: F. Veith, W. Fu, F. Criado, T. Kölbel, C. Nienaber, M. van Sambeek
- 08:00 – 08:06 Blunt trauma aortic injury management: lacks in evidence to be overcome
V. Riambau
- 08:06 – 08:11 Technique and early experience using TAG conformable with active control system *G. Torsello*
- 08:11 – 08:16 The new Medtronic Valiant Navion TEVAR device: How this new low-profile device can impact TEVAR *F. Verzini*
- 08:16 – 08:21 Latest clinical evidence of the Relay thoracic stentgraft *V. Riambau*
- 08:21 – 08:26 Clinical experience with a new thoracic stent graft system (Ankura™). Procedural analysis, 30 days and 6-month results in a single center study
T. Kratimenos
- 08:26 – 08:50 ■ *Live case transmission from Paris*
- 08:50 – 08:56 What is current best practice for Type A dissection repair? – Surgical techniques, outcomes and secondary procedures *M. Borger*
- 08:56 – 09:02 Endovascular repair of post dissection aneurysms involving the arch and thoracoabdominal aorta *S. Haulon via satellite from Paris*
- 09:02 – 09:08 The role of stent grafts in ascending aortic aneurysms *R. Kolvenbach*
- 09:08 – 09:14 Aortic arch pathology options: Open, hybrid, fenestration, chimney or branched stent graft? *C. Shu via satellite from Leipzig*
- 09:14 – 09:20 Endografting of the aortic arch: current results and future techniques
T. Kölbel
- 09:20 – 09:25 Mid-term results of endovascular arch repair with parallel grafts *M. Lachat*
- 09:25 – 09:52 ■ *Live case transmission from Leipzig*
- 09:52 – 09:58 Arch repair with the Bolton Medical RelayBranch thoracic stentgraft system: Multi-center experience *J. A. van Herwaarden*
- 09:58 – 10:03 European experience with a thoracic device to treat the arch *D. Böckler*
- 10:03 – 10:09 Limitations in patient selection for arch branched devices
S. Haulon via satellite from Paris
- 10:09 – 10:15 Conversion to open surgery following failed thoracic endovascular repair
M. Jacobs
- 10:15 – 11:00 **Focus session: Endovascular fixation of endografts**
Moderator: G. Torsello
Panel: V. Riambau, J.-P. de Vries, C. Bicknell, G. Pratesi, H. Verhagen
- 10:15 – 10:39 ■ *Live case transmission from Münster*
- 10:39 – 10:46 Mid-term results from ANCHOR: How does this data influence the treatment algorithm for hostile EVAR anatomies *C. Bicknell*
- 10:46 – 10:53 Failure modes of endoanchors – What have we learned? *J.-P. de Vries*
- 10:53 – 11:00 Endoanchors can prevent cranial migration of thoracic endografts: When and how should they be used *V. Riambau*

- 11:00 – 12:30** **Symposium: Introducing innovative solutions for the treatment of aortic disease**
supported with an educational grant from Gore & Associates
Moderators: F. Veith, C. Nienaber
Panel: G. Torsello, D. Böckler, R. Y. Rhee, M. Makaroun
- 11:00 – 11:05 Introduction
- 11:05 – 11:15 First clinical experience with GORE® TAG® Conformable stent graft with ACTIVE CONTROL system *G. Torsello*
- 11:15 – 11:35 **■ Live case transmission from Münster**
- 11:35 – 11:45 Treating challenging aortic anatomies. Are new devices the answer to overcoming current limitations? *D. Böckler*
- 11:45 – 11:55 Combining new technologies with a history of proven results in TEVAR *H. Verhagen*
- 11:55 – 12:05 Expanding EVAR indications with a next generation AAA endograft conforming to 90 degree neck angulations *R.Y. Rhee*
- 12:05 – 12:15 New horizon in endovascular care: early experience with an innovative thoracic branched device *M. Makaroun*
- 12:15 – 12:30 Discussion and conclusion
- 12:30 – 13:30** **Lunch symposium: Active sac management with Nellix: Addressing the problems of EVAR**
supported with an educational grant from Endologix
Moderator: E. Verhoeven
Panel: A. Holden, M. Reijnen, P. Berg
- 12:30 – 12:35 Introduction
- 12:35 – 12:45 Nellix: Lessons learned from the EVAS Forward Global Registry and the future role of polymer sealing in AAA management *A. Holden*
- 12:45 – 12:55 The DEVASS study: Influence of patient selection on outcomes following EVAS with Nellix within the various IFU *M. Reijnen*
- 12:55 – 13:05 Reduction in cardiovascular related adverse events following active sac management with Nellix vs. EVAR: Are there biological advantages? *P. Berg*
- 13:05 – 13:25 **■ Recorded case presentation** *P. Szopiński*
- 13:25 – 13:30 Discussion and conclusion
- 13:30 – 14:15** **Vessel closure devices in large hole access – Patient benefits and best practices**
supported with an educational grant from Abbott Vascular
Moderator: G. Pratesi
Panel: D. Schneider, W. Lansink
- 13:30 – 13:35 Introduction
- 13:35 – 13:43 Perclose ProGlide vs. surgical closure outcomes – Real world evidence *D. Schneider*
- 13:43 – 13:51 Sutured mediated closure – technique for closing complex large hole cases *W. Lansink*
- 13:51 – 13:59 Tips and predictors of real world outcomes from Italian Club del Percutaneo *G. Pratesi*
- 13:59 – 14:07 Percutaneous axillary artery access for branch grafting for complex TAAAs and pararenal AAAs: How to do it safely *D. Branzan*
- 14:07 – 14:15 Discussion and conclusion



- 14:15 – 15:00** **Symposium: Strategies and techniques for optimising patient outcomes in complex aortic aneurysm anatomies**
supported with an educational grant from Medtronic
Moderator: G. Torsello
Panel: D. Böckler, V. Riambau
- 14:15 – 14:21 Treating aortic aneurysms with large necks: What are the considerations? *H. Verhagen*
- 14:21 – 14:28 Treating very short necks ($\geq 4\text{mm}$ <10mm) using the Endurant stent graft + EndoAnchors: 1-year results and current insights *G. Pratesi*
- 14:28 – 14:35 PROTAGORAS: Standardisation of the cheVAR technique can improve outcomes in patients with short necks *K. Donas*
- 14:35 – 14:42 Tips and techniques for utilising EndoAnchors in TEVAR *C. Bicknell*
- 14:42 – 15:00 Panel discussion: What factors should be considered when treating complex aortic aneurysm anatomies (EVAR and TEVAR)?



- 15:00 – 18:00 **Endovascular repair of thoracic and thoracoabdominal aneurysms – technical tips and strategy for prevention of complications**
Moderators: E. Verhoeven, M. Borger
Panel: P. Kelly, M. Jacobs, S. Debus, J.-P. Becquemin, M. van Sambeek
- 15:00 – 15:06 Technique and early experience of a multibranched Off-The-Shelf (OTS) device for treating TAAAs *M. Makaroun*
- 15:06 – 15:40 ■ **Live case transmission from Paris**
- 15:40 – 15:46 How to fix complicated thoracic abdominal anatomy by the retrograde branch technique? *W. Guo*
- 15:46 – 15:52 Bail-out techniques when antegrade catheterisation fails in F/B EVAR (retrograde, snare technique, loop technique, percutaneous retrograde) *E. Verhoeven*
- 15:52 – 15:58 Long-term results of multilayer stent in thoraco-abdominal aneurysms. Aneurysm continue to grow – but is it something in it? *T. Larzon*
- 15:58 – 16:04 The SPIDER hybrid graft as novel technique for thoracoabdominal repair *S. Debus*
- 16:04 – 16:10 FEVAR and BEVAR are they cost effective at two years compared to open surgery? *J.-P. Becquemin*
- 16:10 – 16:16 Spinal cord ischemia after endovascular repair of TAAA with F/B grafts: real incidence and strategies for prevention *R. Chiesa*
- 16:16 – 16:22 Minimally Invasive Segmental Artery Coil Embolisation (MISACE) and its role in ischemic preconditioning to improve collateral circulation to the spinal cord: From preclinical testing to the PAPA-ARTIS RCT *C. Etz*
- 16:22 – 16:28 Ischemic preconditioning with Minimally Invasive Segmental Artery Coil Embolisation (MISACE) prior to Endovascular TAA repairs: Clinical experience in 50+ patients from Leipzig *D. Branzan*
- 16:28 – 17:02 ■ **Live case transmission from Leipzig**
- 17:02 – 17:08 Clinical experience with neuromonitoring during open and endo-TAAA repair *M. Jacobs*
- 17:08 – 17:14 Near infrared spectrometry (NIRS) monitoring of paraspinous muscles to reflect spinal cord ischemia: How does it work and initial results *C. Etz*
- 17:14 – 17:20 Beyond spinal cord ischemia: Complications and pitfalls during endovascular repair in complex TAAA-patients: How to manage and strategies to prevent *E. Verhoeven*
- 17:20 – 17:26 Air emboli as a cause of stroke after TEVAR: What can be done to prevent them? *T. Kölbl*
- 17:26 – 17:32 Infections of the aorta and major arteries: semi-conservative approach offers less early morbidity and similar late results as radical open repair *M. Malina*
- 17:32 – 17:38 Open surgical conversion after failure of endovascular aortic repair of thoracic and thoracoabdominal aneurysms *R. Chiesa*
- 17:38 – 18:00 Discussion and conclusion



08:00 – 09:30

CLI and CTO summit – complex aortoiliac and femoral

■ with Thomas Zeller live from Bad Krozingen

■ with Andrej Schmidt live from Leipzig

Moderators: T. Das, J. Balzer

Panel: P. Mwipatayi, H. Krankenberg, Y. Yamauchi

Target stent and anchor balloon: strategies for complex iliac artery chronic total occlusion crossing E. Korngold

Reconstruction of occluded iliac artery in Takayaso's arteritis M. Ansari

Thigh access in PAD B. Kluck

Directional Atherectomy and Anti-Restenotic Therapy (DAART)

in multilevel disease C. A. Gutierrez Diaz

Catheter-directed thrombolysis for acute limb ischemia H.-J. Jae

09:30 – 11:00

CLI and CTO summit – complex BBT and BTA

■ with Thomas Zeller live from Bad Krozingen

■ with Marco Manzi live from Abano Terme

Moderator: C. Metzger

Panel: O. Iida, S. Steiner, G. Ansel, D. Kawasaki

Determinants of successful below-the-knee and below-the-ankle intervention:

Patient characteristic, anatomical considerations and advanced techniques T. Yates

Rationale and algorithm for below-the-knee acute gain optimization F. Airoidi

Efficacy of pedal artery angioplasty toward severity of pedal artery disease:

a subanalysis of the rendezvous registry Y. Tsubakimoto

Various strategies for managing the complication during below-the-knee

intervention S. W. Park

11:00 – 12:30

CLI and CTO summit – complex CTOs

■ with Andrej Schmidt live from Leipzig

■ with Marco Manzi live from Abano Terme

Moderators: A. Micari, R. Langhoff

Panel: M. Fujihara, L. Garcia, R. Varcoe

Does anybody remember how to do distal bypasses? When and how? M. Menard

The PIERCE technique for recanalisation of heavily calcified arteries

in hemodialysis patients T. Sato

Rationale for extravascular ultrasound image-guided revascularisation F. Liistro

Critical limb ischemia of the upper extremity: Partial vs. full revascularisation

D. Dishmon

Retrograde approach for lower limb intervention S. A. Yahaya

13:30 – 17:00

Focus session: Pioneering techniques for critical limb ischemia and “no option patients”

■ with John Rundback live from Teaneck

■ with Andrej Schmidt live from Leipzig

■ with Marco Manzi live from Abano Terme

■ with Thomas Zeller live from Bad Krozingen

Moderators: P. Schneider, J. van den Berg

Panel: M. Brodmann, M. Utsunomiya, S. Kum

Aetiology of CLI and the role of perfusion J. Reekers

Zero contrast procedures, myth or reality? Pre-interventional workup with

no-contrast MR angiography followed by CO2 angiography J. van den Berg

Priority registry (Poor-Risk patients with and

withOut Revascularisation TherapY for critical limb ischemia) O. Iida

Objective assessment of CLI patients: What about hemodynamic

parameters – are they worth anything especially when it comes

to end stage no option patients! M. Brodmann

Change from vessel patency evaluation to evaluation of foot perfusion

M. Manzi via satellite from Abano Terme

OMNIA case results: Lumea Oxygen measurements representative

for CLI wound healing prognosis M. Werner

BTK crossing techniques for the “uncrossable lesion” T. Nakama

Immediate and late outcomes of endovascular treatment in Buerger's disease

Y.-G. Ko

Hybrid arterialization of the venous system in no-option patients

with critical limb ischemia R. Ferraresi

The LimFlow procedure – technical details and current clinical experience


in Europe M. Lichtenberg

■ Recorded case presentation D. van den Heuvel

Perspective on initial LimFlow experience in the US P. Schneider

Update on current developments in gene and cell therapy for CLI S. Nikol

- 09:00 – 10:00** **Advanced EVAR therapy with Heli-FX EndoAnchors**
sponsored by Medtronic
Moderator: G. Torsello
- 09:00 – 09:05 Introduction
- 09:05 – 09:15 New indication for Heli-FX EndoAnchors with Endurant II: further option in treatment of hostile necks *S. Seifert*
- 09:15 – 09:25 EVAR revision setting: how can Heli-FX EndoAnchors improve the outcomes?
D. Böckler
- 09:25 – 09:35 Heli-FX EndoAnchors in the thoracoabdominal aorta *J. Tejsarek*
- 09:35 – 09:45 Heli-FX EndoAnchors during TEVAR: indications and outcomes *P. Kasprzak*
- 09:45 – 10:00 Discussion and conclusion
- 10:00 – 10:45** **BARD innovations**
supported with an educational grant from C. R. Bard
Moderator: E. Ducasse
Discussants: M. Lichtenberg, B. Dolmatch
- 10:00 – 10:02 Introduction
- 10:02 – 10:12 Single center patency rates and clinical results of the VENOVO® venous stent in complicated cases *M. Lichtenberg*
- 10:12 – 10:22 The role of COVERA™ vascular covered stent in the management of dysfunctioning AV access *B. Dolmatch*
- 10:22 – 10:32 Expanding the treatment options of atherosclerotic lesions in femoral arteries with COVERA PLUS™ *M. Di Primio*
- 10:32 – 10:42 A look at focused force in calcified lesions *R. Langhoff*
- 10:42 – 10:45 Discussion and conclusion

- 15:00 – 16:00** **VIVA@LINC: Strategies on the frontline – case-based examinations of contemporary carotid challenges** 
- Moderator: C. Metzger*
Discussants: G. Ansel, D. Branzan, W. Gray, T. Das
- What did I learn from my last case of hyperperfusion syndrome? *G. Ansel*
- Management of coincidental disease when treating the carotid bifurcation
D. Branzan
- Technical tips for transcervical approach to carotid stenting (TCAR) *W. Gray*
- Management of carotid In-stent restenosis *T. Das*
- This is a case-based session focusing on what we like best ... real cases with challenges and complications that make the experts sweat. In this amphitheater setting, audience participation is encouraged and step-by-step case management is featured and discussed. This round room setting is dedicated to controversial or interactive talk-show-like sessions.



- 09:00 – 11:00 **Global expert exchange: Selected challenging cases and complications**
 Moderators: *G. Biamino, R. Varcoe*
 Panel: *U. Teichgräber, A. Al-Sibaie*
- Venous and AV access**
- 09:00 – 09:05 Application of drug coated balloon angioplasty for pulmonary vein stenosis. Novel approach *B. Purushottam*
- 09:05 – 09:10 Acute phlegmasia cerulea dolens related to complete subacute occlusion of the entire left LE deep venous system in the setting of typical May-thurner syndrome *H. Lichaa*
- 09:10 – 09:15 Pseudoaneurysm after IVC filter removal *J. Phillips*
- Critical limb ischemia**
- 09:15 – 09:20 Creation of a multidisciplinary limb preservation program improves limb salvage and increases endovascular volume in a tertiary referral center *D. O'Connor*
- 09:20 – 09:25 Feasibility and outcomes of delay revascularisation in patients with PAD and tissue loss *C. Bianchi*
- 09:25 – 09:30 Management of diabetic foot with toe gangrene and severe arterial disease *A. Kayssi*
- 09:30 – 09:35 Impact of hemodialysis on outcomes for patients with CLI: Assessment using the Wifl classification *S. Okamoto*
- 09:35 – 09:40 Hybrid treatment of aortoiliac and femoral occlusion for patients with critical limb ischemia *J. Y. Kim*
- 09:40 – 09:45 Telehealth use in wound care *J. Phillips*
- Visceral, renal and mesenteric**
- 09:45 – 09:50 Treatment of a pancreaticoduodenal arcade aneurysm with a flow modulator stent *L. Freire*
- 09:50 – 09:55 Persistent sciatic artery aneurysm treated with a use of VIABAHN endoprosthesis *S. Ichihashi*
- 09:55 – 10:00 A case of successfully treated penile ischmic ulcer by internal pudendal artery plasty in a hemodialysis patient *T. Sato*
- 10:00 – 10:05 Management of spontaneous isolated dissection of the superior mesenteric artery *H.-J. Jae*
- 10:05 – 10:10 Renal denervation in Korea *I. H. Chae*
- 10:10 – 10:15 Renal thrombectomy and vena stent *R. Beck*
- 10:15 – 11:00 Discussion

- 11:00 – 12:30 **Nurse and Technician Forum – Part I**
 Moderators: *M. Werner, L. Maene*
- My most interesting case**
- 11:00 – 11:08 Carotid stenting *G. de Donato*
- 11:08 – 11:16 Complex femoropopliteal case *K. Deloose*
- 11:16 – 11:24 Endovascular aortic repair *T. Kölbl*
- 11:24 – 11:32 Infrapopliteal recanalisation *J. M. Pernes*
- 11:32 – 11:45 Discussion
- Advanced technologies in peripheral interventions**
- 11:45 – 11:53 Optical coherence tomography in peripheral interventions *A. Schwindt*
- 11:53 – 12:01 Radiation protection – from global to local? *A. Gangl*
- 12:01 – 12:09 Drug eluting balloons: Update *A. Fischer*
- 12:09 – 12:17 Drug eluting stents: Update *B. Berekoven*
- 12:17 – 12:25 Adventitial drug infusion to prevent restenosis *M. Brodmann*
- 12:25 – 12:30 Discussion
- 12:30 – 13:30 **Lunch symposium: BioMimics 3D®:**
The importance of Swirling Flow® in treating atherosclerosis and preventing restenosis in femoropopliteal arteries
 supported with an educational grant from Vervan
 Moderator: *G. Ansel*
 Panel: *T. Sullivan, M. Lichtenberg*
- 12:30 – 12:35 Introduction by the moderator
- 12:35 – 12:45 The science behind Swirling Flow® *T. Sullivan*
- 12:45 – 12:55 1-year results from the MIMICS-2 study *T. Zeller via satellite from Bad Krozingen*
- 12:55 – 13:05 Two techniques to limit restenosis – drugs and Swirling Flow® *G. Ansel*
- 13:05 – 13:15 BioMimics 3D in my clinical practice *M. Lichtenberg*
- 13:15 – 13:30 Discussion
- 13:30 – 15:00 **Nurse and Technician Forum – Part II**
 Moderators: *T. Bisdas, Y. Gouëffic*
- Miscellaneous**
- 13:30 – 13:38 Diagnostic steps in cerebral arterial disease *A. Willfort-Ehringer*
- 13:38 – 13:46 Reducing contrast induced renal insufficiency *D. Branzan*
- 13:46 – 13:54 Radiation safety *K. Katsanos*
- 13:54 – 14:02 Stenting or surgery for common femoral artery stenosis *Y. Gouëffic*
- 14:02 – 14:10 Venous stenting *O. Schlager*
- 14:10 – 14:18 Endoluminal treatment of varicose veins *A. Lukhaup*
- 14:18 – 14:23 Discussion
- Critical limb ischemia**
- 14:23 – 14:31 Improving CLI care – A multidisciplinary challenge *K. Mühlberg*
- 14:31 – 14:39 Non invasive diagnosis in CLI *M. Gschwandtner*
- 14:39 – 14:47 Assessment of microcirculation in CLI *M. Montero-Baker*
- 14:47 – 14:55 Cardiovascular disease in CLI patients *C. Popescu*
- 14:55 – 15:00 Discussion



- 09:30 – 10:30 Selected abstracts challenging cases – embo**
Moderator: R. Aschenbach
Panel: T. O. Petersen, A. Al-Sibaie
- 09:30 – 09:35 Assessment of PTEN-associated vascular malformations in a patient with Bannayan-Riley-Ruvalcaba syndrome *R. Clemens*
- 09:35 – 09:40 Onyx syndrome post embolisation of Type II endoleak *T. Sayed*
- 09:40 – 09:45 The clinical case of three successful TIPS procedures in one patient with recurrent episodes of variceal bleeding *E. Kosovtsev*
- 09:45 – 09:50 Case of a perplexing angiofibroma: maximal tumor resection utilising multimodal devascularisation techniques as an adjuvant therapy for tumor resection *R. Reyes*
- 09:50 – 09:55 Endovascular treatment of hemorrhagic complications in percutaneous renal surgery: Case reports and literature review *M. Giusti*
- 09:55 – 10:00 Histoacryl for a complex AV malformation *A. Abdel Rahim*
- 10:00 – 10:05 Endovascular treatment of hepatic artery pseudoaneurysm after pancreaticoduodenectomy *M. Lemos Gomes*
- 10:05 – 10:10 Endovascular treatment of splenic aneurysm *C. Busoni*
- 10:10 – 10:15 Splenic artery pseudoaneurysm due to recurrent pancreatitis: coiling or stenting? A case report and review of literature *C. Schoonjans*
- 10:15 – 10:20 The impact of combined coiling and liquid sclerotherapy compared to coiling only on symptoms of pelvic congestion syndrome *M. Soliman*
- 10:20 – 10:25 Transarterial embolisation for chronic shoulder pain in a patient who can not take pain medicine due to ulcerative colitis *S. W. Park*
- 10:25 – 10:30 Discussion and conclusion
- 12:30 – 14:00 Innovation forum – Peripheral vascular disease**
Moderator: A. Schwindt
Panel: R. Langhoff, R. Heuser
- 12:30 – 12:36 X-ray angiography using kinetic imaging: optimizing signal-to-noise ratio *I. Góg*
- 12:36 – 12:42 A new device for Seldinger technique improvement *E. Roche*
- 12:42 – 12:48 Presentation of a novel access route (snuff box/deep palmar branch of radial artery) for coronary angiography and intervention *F. Roghani-Dehkordi*
- 12:48 – 12:54 Snare-piercing technique to facilitate the re-entry into the true lumen from the subintimal space *M. Lobato*
- 12:54 – 13:00 Drug transfer to the vessel wall by drug-coated hyper-compliant balloon catheters (DCHCB) *M. Kusmierczuk*
- 13:00 – 13:06 Sirolimus on drug-coated balloons? *D. Peters-Berg*
- 13:06 – 13:12 New switch back technique from the one puncture site of femoral artery *K. Tobita*
- 13:12 – 13:18 Endovascular repair of a popliteal artery with an autovenous transplant *A. Ivanov*
- 13:18 – 13:24 The use of CrossLock™ catheter for treatment of complex peripheral CTOs *R. Heuser*
- 13:24 – 13:30 FLEX scoring catheter: a novel device facilitating in the preparation of vessels for angioplasty *A. Schwindt*
- 13:30 – 13:36 Novel technique to tackle flush Superficial Femoral Artery (SFA) Chronic Total Occlusion (CTO) *A. Naga*
- 13:36 – 13:42 Initial experience with the Soundbite CTO wire technology *E. Therasse*
- 13:42 – 14:00 Discussion

- 14:00 – 15:45 Selected abstracts challenging cases – carotid/iliac/renal**
Moderator: L. Garcia
Panel: K. Mathias, S. Bartus
- 14:00 – 14:05 Simultaneous endovascular treatment of bilateral symptomatic external carotid artery stenosis using a trans-cervical approach *M. Elsharkawi*
- 14:05 – 14:10 Endovascular treatment of carotid-jugular fistula after gunshot wound *L. Carrijo*
- 14:10 – 14:15 Carotid artery stenting for long CTO and pseudoocclusion of carotid artery *K. Takayama*
- 14:15 – 14:20 Type A aortic dissection followed by elective left subclavian stenting for the steal syndrome *M. Kashtanov*
- 14:20 – 14:25 Extracranial carotid artery pseudoaneurysm in an infant *U. Gurunandan*
- 14:25 – 14:30 Flow modulator in treatment of complex subclavian artery aneurysm *T. Szpontan*
- 14:30 – 14:35 Complex subclavian artery aneurysm involving vertebral artery *G. Meirelles*
- 14:35 – 14:40 Hybrid open and endovascular common carotid artery revascularisation after failed attempted retrograde recanalisation *J. Ebaugh*
- 14:40 – 14:45 Complicated left internal carotid artery stenosis treated percutaneously by anchoring method *F. Ertaş*
- 14:45 – 14:50 Endovascular management of left aberrant subclavian steal syndrome in a 28 year old patient with right sided aortic arch and Kommerel diverticulum *M. Haggag*
- 14:50 – 14:55 Endovascular management of an iatrogenic vertebral artery injury following internal jugular venous catheterization *K.-M. Tasopoulou*
- 14:55 – 15:00 Right brachial artery approach for left carotid stenting in hostile aortic arch *L. Carrijo*
- 15:00 – 15:05 A rare cause of massive gastrointestinal blood loss *K. van Langenhove*
- 15:05 – 15:10 Innominate steal syndrome – a hybrid approach *N. Camacho*
- 15:10 – 15:15 Endovascular rescue of ruptured pseudoaneurysm of external iliac artery caused by protrusion acetabuli prosthesis *J. Cheewinmethasiri*
- 15:15 – 15:20 Primary stenting approach for acute total occlusion of abdominal aortic endograft *P. Nuñez*
- 15:20 – 15:25 Endovascular solution in case of abdominal aortic dissection with bilateral lower limb ischemia in a man trampled by a bull *J. Cheewinmethasiri*
- 15:25 – 15:30 A case of a young hypertensive man with polycystic kidney disease treated with the verve peri-pelvic renal denervation device: a prelude to study in CKD and chronic kidney pain *R. Heuser*
- 15:30 – 15:35 Management of a complex renal artery aneurysm *P. Pinto Sousa*
- 15:35 – 15:45 Discussion and conclusion

- 11:00 – 12:30 **Challenging cases and complications – EVAR-thoracic/thoracoabdominal**
Moderator: V. Rimbau
Panel: P. Kasprzak, W. Guo
- 11:00 – 11:06 Percutaneous transapical left ventricular access for thoracic endovascular aortic repair *A. Shah*
- 11:06 – 11:12 Management of complicated Type B dissections *J. Chavarría*
- 11:12 – 11:18 Extracorporeal bypass use improves outcomes of open thoracic and thoracoabdominal aneurysm repair *V. Patel*
- 11:18 – 11:24 Treatment of aortic arch diseases: open, hybrid, chimney or fenestration *C. Shu*
- 11:24 – 11:30 Type Ia endoleak after chimney TEVAR for aortic dissection; treatment with vascular plug and coils *J.-H. Won*
- 11:30 – 11:36 Migration of a chimney graft during urgent TEVAR *G. C. Inaraja-Pérez*
- 11:36 – 11:42 Sandwich EVAR occlude celiac and superior mesenteric artery treatment for infected suprarenal abdominal aortic aneurysm: Case report *S. Prasertcharoensuk*
- 11:42 – 11:48 Off label use of the Nellix EVAS system in a patient with a Type III endoleak *I. Ficarelli*
- 11:48 – 11:54 Stent-graft use in vascular injury in war time *N. Algharem*
- 11:54 – 12:00 Management of aorto-enteric fistula using Nellix graft (EVAS) *A. Elbasty*
- 12:00 – 12:06 Troubleshooting during complex TEVAR: Kommerell diverticulum *G. C. Inaraja-Pérez*
- 12:06 – 12:12 Late renal salvage after renal occlusion during EVAR – “Don't give up early on the renals” *J. F. McKinsey*
- 12:12 – 12:30 Discussion and conclusion

- 12:30 – 14:00 **Innovation forum – EVAR**
Moderator: F. Moll
Panel: A. Lobato
- 12:30 – 12:36 A3-Shield: A translational approach towards small abdominal aortic aneurysm (AAA) therapy *U. Raaz*
- 12:36 – 12:42 The Sandwich technique to treat aortoiliac aneurysms: How to size the parallel grafts *S. Koussayer*
- 12:42 – 12:48 Re-entry devices for lamella neo-fenestration during endovascular aortic repair of chronic Type-B aortic dissection *T. Cambiaghi*
- 12:48 – 12:54 New use of OVATION device in Non-favorable anatomies: Conversion to aortomonoiliac *R. Pérez López*
- 12:54 – 13:00 Delayed occluding membrane „Aachen DOM“ – A new approach for spinal cord protection during endovascular aortic repair *D. Kotelis*
- 13:00 – 13:06 A single center experience revising previous abdominal and thoracic aortic aneurysm repairs with a visceral manifold stent graft *P. Kelly*
- 13:06 – 13:12 FEVAR for chronic type B dissection. Radiofrequency wire makes planning easy and improves success rate of procedure *K. Tan*
- 13:12 – 13:18 DOMINUS-AB DEVICE: Expectation of a branched device for use in aortic arch aneurysms (of the shelf) *F. Pereira*
- 13:18 – 13:24 ReBel-B technique for Treatment of isolated Common Iliac Aneurysm or during EVAR *P. Righini*
- 13:24 – 13:30 Fusion Images, Laser & Fenestration In Situ (FIL&FIS) for complex aortic aneurysm using CTA image overlay: feasibility study *M. Majewski*
- 13:30 – 13:36 Percutaneous access downsizing for early limb reperfusion in fenestrated/branched TAAA repair *T. Cambiaghi*
- 13:36 – 14:00 Discussion

- 14:00 – 15:30 Challenging cases and complications – EVAR/infrarenal**
Moderator: P. Cao
Panel: S. Seifert, M. Makaroun
- 14:00 – 14:06 Predictors of iliac limb occlusion after endovascular aneurysm repair *Y.-J. Park*
- 14:06 – 14:12 AAA rupture after EVT of ILIAC-CTO *Y. Tsubakimoto*
- 14:12 – 14:18 Snorkeling a pelvic kidney in abdominal aortic aneurysm in endovascular repair (possibly for a transplanted kidney) *F. Elmasri*
- 14:18 – 14:24 Extensive gluteus necrosis after EVAR and unilateral internal iliac artery embolisation *L. Guo*
- 14:24 – 14:30 Caribbean Fish Neurotoxin (Ciguatera) Syndrome Presenting with Paraplegia and renal failure in patient with an EVAR graft *J. F. McKinsey*
- 14:30 – 14:36 “Cheese wire” fenestration of infrarenal dissection flap to facilitate EVAR *S. Shariff*
- 14:36 – 14:42 Persistent endoleak after EVAR for ilio caval fistula: treatment with vascular plug and glue *C.-J. Yoon*
- 14:42 – 14:48 Technical tips of using glue for eliminating endoleaks after EVAR *S. Ichihashi*
- 14:48 – 14:54 Urgent off-label use of Iliac Branch Endoprosthesis (IBE) to preserve the residual hypogastric artery in patients with previous EVAR *M. D. Pipitone*
- 14:54 – 15:00 Total endovascular repair of aberrant right subclavian artery aneurysm using Zenith Alpha abdominal converter *G. Parlani*
- 15:00 – 15:06 Early outcome of stentless-thoracic endovascular aortic repair in chronic DeBakey IIIb aneurysm *A. Eleshra*
- 15:06 – 15:12 Banding technique and debranching as treatment of Type I endoleak in a mycotic thoracic aortic pseudoaneurysm *C. Flota Ruiz*
- 15:12 – 15:18 Successful endovascular treatment of Type B aortic dissection in children-first-in-man experience *I. Petrov*
- 15:18 – 15:30 Discussion and conclusion



Join us for brunch, served from 08:45am until 11:00am

09:00 – 13:00

Critical issues and pioneering solutions in aortic endografting

Moderators: M. Malina, E. Ducasse

Panel: G. Torsello, M. van Sambeek, T. Larzon, P. Kasprzak, R. Ghotbi

■ Live case transmission from Münster

09:00 – 09:40

09:40 – 09:47

A new concept to evaluate decision making factors for the treatment of complex aortic aneurysms K. Donas

09:47 – 09:54

Evolution of gender-related differences in outcome of EVAR E. Debing

09:54 – 10:01

Workflow innovation for optimized hybrid OR performance A. Hoksbergen

10:01 – 10:08

The role of 2D and 3D fusion imaging for reconstruction of complex aortic pathologies G. F. Torsello

10:08 – 10:15

Evolution of interventional imaging and dose reduction techniques

for image guided endovascular treatment of complex aortic pathologies T. Kölbel

10:15 – 10:55

■ Live case transmission from Leipzig

10:55 – 11:02

Branch for IMA in branched EVAR – when and why? P. Kasprzak

11:02 – 11:09

Connection of a celiac artery to branched stent-graft by retrograde access through SMA B. Zipfel

11:09 – 11:16

One case of dissection Type B treated by new technique FIL&FIS (Fusion Images, Laser & Fenestration In Situ) M. Majewski

11:16 – 11:23

All Axillary artery approach for repair of complex THoracoabdominal aneurysms J. F. McKinsey

11:23 – 11:30

Endovascular treatment of ruptured thoracoabdominal aneurysms G. Torsello

11:30 – 11:37

Infectious complications of the aorta – how to approach O. Richter

11:37 – 12:17

■ Live case transmission from Münster

12:17 – 12:24

Total endovascular aortic arch replacement with chimney/sandwich techniques G. Teixeira

12:24 – 12:31

Staged repair of chronic Type A dissection V. Patel

12:31 – 12:38

Sandwich-graft technique to preserve both internal iliac arteries in a patient with previous aorto-aortic bypass and external iliac artery occlusion R. Villardefrancos

12:38 – 13:00

Discussion and conclusion

Join us for brunch, served from 08:45am until 11:00am

09:00 – 12:30

“Great saves and big disasters” –

Review of challenging cases and complications

Moderator: G. Biamino

Panel: S. Kum, C. Metzger, R. Ferraresi, H. Krankenberg

■ **Announcement of the winners of the LINC 2018 poster award**

09:00 – 09:05

09:05 – 09:45

■ Live case transmission from Leipzig

09:45 – 09:52

Successful treatment of CLI (1 month thrombosis of the infrarenal aorta, iliac, SFA, tibial arteries) by hybrid approach (CDT, endarterectomy, thrombectomy, balloon angioplasty of BTK and BTA, stenting of the tibial arteries) A. Ivanov

09:52 – 09:59

Limb salvage for CLI due to hopeless complex multiple vascular and bypass occlusion T. Haraguchi

09:59 – 10:06

Full revascularisation of diabetic foot affected by CLI with double retrograde approach, using CO₂ as a contrast medium P. Sbarzaglia

10:06 – 10:53

■ Live case transmission from Leipzig

10:53 – 11:00

Very complex multi-level bilateral occlusive disease involving both CIA and EIA, right CFA and bilateral SFA occlusions H. Lichaa

11:00 – 11:07

Percutaneous atherectomy, angioplasty and stenting at the common femoral artery bifurcation C.-Y. Chan

11:07 – 12:30

■ Live case transmission from Leipzig



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

13:00 – 14:40

Moderated poster round in front of Main arena 1

Jurors: C. Erbel, M. Treitl

Challenging cases: AV, iliac, venous

- 13:00 – 13:05 Acute thrombosis complicating aneurysmal fistula salvage *S. D'Souza*
13:05 – 13:10 Endovascular management for salvage of arteriovenous fistula *M. Ismail*
13:10 – 13:15 Bilateral endovascular interventions after crossover bypass grafting *A. Hansen*
13:15 – 13:20 Persistent sciatic artery aneurysm, case report and follow-up for 15 years
M. Haggag
13:20 – 13:25 Successful of hybrid revascularisation for TASC D AIOD after failing femoro-femoral
crossover bypass *J. Cheewinmethasiri*
13:25 – 13:30 Percutaneous revascularization could be a feasible option for complex aorto-iliac
occlusive disease (case presentation) *A. Allam*
13:30 – 13:35 Complex ilio-femoral revascularization with a Gore® Hybrid Vascular Graft
A. Zanabili
13:35 – 13:40 Endovascular treatment of calcified, stenotic iliac arteries *F. Fanelli*
13:40 – 13:45 Innovative use of covered stents in acute lower limb ischaemia due to aorto iliac
occlusions – two case reports *C. Francis*
13:45 – 13:50 Guidewire related complication during hemodialysis catheter placement:
Intravascular knotted guidewire *E. Elashaal*
13:50 – 13:55 Superior vena cava filter placement for prevention of pulmonary embolism due to
acute upper extremity deep venous thrombosis in patients contra-indicated anti-
coagulation *S. Nagib*
13:55 – 14:00 Catheter directed thrombolysis for treatment of bilateral Iliofemoral deep venous
thrombosis with hypoplastic inferior vena cava *M. Ismail*
14:00 – 14:05 Endovascular Treatment of deep venous thrombus due to May-Thurner syndrome
using self-expandable stents. 4 case series with intravascular ultrasound findings
T. Asato
14:05 – 14:10 Acute deep vein thrombosis with duplication of inferior vena cava *U. Gurunandan*
14:10 – 14:15 Successful treatment of acute thrombosis (2 days ago) of left subclavian vein with
initial chronic occlusion of the left brachiocephalic vein by combination CDT and
balloon angioplasty described veins *A. Ivanov*
14:15 – 14:20 A case of successful endovascular treatment of acute BT-shunt thrombosis
E. Abbasov
14:20 – 14:25 A successful intervention with catheter-directed thrombolysis for patient with
upper-extremity deep vein thrombosis *M. Saleh*
14:25 – 14:30 Reconstruction of acquired IVC interruption *V. Batra*
14:30 – 14:35 Endoprosthesis and hypogastric thrombosis after prothrombin complex
concentrate administration – a real nightmare *M. P. Lamarca Mendoza*
14:35 – 14:40 Endovascular solution to a tumor-induced occlusion of iliac vessels *D. Ueberschär*

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

14:45 – 16:20

Moderated poster round in front of Main arena 1

Jurors: S. Ramee, E. Wedell

Original research: AV, iliac, renal, venous and miscellaneous

- 14:45 – 14:50 Endovascular treatment of hemodialysis arteriovenous fistula
with vessel preparation and drug-coated balloon angioplasty:
a single-center study *J. Lučev*
14:50 – 14:55 10 year follow up of thrombosed AV fistula salvage:
An endovascular first approach *P. Menon*
14:55 – 15:00 Endovascular management of failing arteriovenous fistula *A. Aborahma*
15:00 – 15:05 Balloon-assisted AV access maturation *J. Guerra*
15:05 – 15:10 Short-term outcomes of endovascular treatment of aorto-iliac occlusive disease
M. Chernyavskiy
15:10 – 15:15 Comparison of standard renal denervation procedure versus novel distal and
branch vessel procedure with brachial arterial access *I. Petrov*
15:15 – 15:20 Urgent endovascular treatment of renal hemorrhage:
our experience in the last 5 years *C. Pantoja Peralta*
15:20 – 15:25 Clinical and procedural outcomes between ultra-sound accelerated thrombolysis
and catheter directed thrombolysis for treatment of acute pulmonary embolism
M. Ansari
15:25 – 15:30 Efficacy and safety of duplex-guided polidocanol foam sclerotherapy
for venous malformations *H. Ali*
15:30 – 15:35 EHIT is a potential risk in lesser saphenous vein radiofrequency ablation
H. Hemmati
15:35 – 15:40 One-year outcome after radiofrequency ablation of symptomatic venous reflux
disease in patients with chronic kidney disease: A retrospective single center
analysis *S. Balamuthusamy*
15:40 – 15:45 The cost-saving potential of endovenous laser ablation (ETA)
of truncal varicose veins in Switzerland *D. Holtz*
15:45 – 15:50 Impact of training on endovascular interventions for thrombosis in large veins
J. M. Telayna
15:50 – 15:55 Role of Inferior vena cava filter insertion prior to thrombolysis
of acute ilio femoral deep venous thrombosis *M. Ismail*
15:55 – 16:00 Skipped lesion at Iliocaval confluence: another technique for stenting
in chronic venous obstructions *H. Jalaie*
16:00 – 16:05 Detecting stent geometry changes after venous recanalisation
using duplex ultrasound *M. Barbati*
16:05 – 16:10 Endovascular treatment of visceral artery aneurysm – a single center experience
L. Fidalgo Domingos
16:10 – 16:15 A novel embolic with minimal catheter adhesion properties:
GPX by Fluidx Medical Technology *G. Adams*
16:15 – 16:20 Transcatheter plug occlusion for various complications after cardiac/thoracic aortic
surgery *Y. Katada*

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

- 09:00 – 10:40** **Moderated poster round in front of Main arena 1**
Jurors: L. Garcia, J. Laird
- Original research: PVD, SFA, femoral**
- 09:00 – 09:05 The effect of supervised exercise on biomarker levels in individuals with peripheral arterial disease – a systematic review *O. Albazde*
- 09:05 – 09:10 Day-case treatment of PAD: Single-tertiary center experience *A. Elsaadany*
- 09:10 – 09:15 Improving balloon angioplasty: Lessons learned from the DCB and stent trials *R. Solar*
- 09:15 – 09:20 Incidence and predictors of access site pseudoaneurysm in peripheral arterial disease therapeutic angioplasty *A. Eleshra*
- 09:20 – 09:25 Preliminary results of the Italian multicentre registry using a dual component vascular stent for the treatment of distal SFA with or without involvement of popliteal artery *M. A. Ruffino*
- 09:25 – 09:30 Comparison of endovascular recanalization versus open bypass surgery for infra-inguinal Trans-Atlantic Inter-Society Consensus (TASC) – D arterial lesions – a retrospective comparative study *O. Stehno*
- 09:30 – 09:35 2-year outcomes in patients with long severe femoro-popliteal lesions *TBD*
- 09:35 – 09:40 Diagnostic and surgical experience with Popliteal Artery Entrapment Syndrome PAES in one single clinical center *S. Rui*
- 09:40 – 09:45 Post-dilatation of an interwoven nitinol stent using a paclitaxel-eluting balloon for revascularisation of complex femoro-popliteal lesions *E. Stahlberg*
- 09:45 – 09:50 Predictors of severe dissection after plain balloon angioplasty for superficial femoral artery disease *T. Shimada*
- 09:50 – 09:55 Outcomes of endovascular treatment for TASC-II D femoropopliteal occlusive disease *V. Suwanruangsri*
- 09:55 – 10:00 Successful endovascular treatment with the phoenix atherectomy system in patients with chronic limb ischemia. A mini-series of thirteen consecutive patients. *G. Korosoglou*
- 10:00 – 10:05 Risk factors for restenosis after drug-coated balloon angioplasty for complex femoropopliteal artery diseases *Y.-G. Ko*
- 10:05 – 10:10 Endovascular management of femoropopliteal TASCII C and D lesions *A. Aborahma*
- 10:10 – 10:15 Drug eluting balloon angioplasty vs. bare metal stenting in treating femoro-popliteal occlusive disease *A. Allam*
- 10:15 – 10:20 Clinical outcomes and risk factor analysis of restenosis after endovascular treatment of femoro-popliteal lesions using atherectomy device *S.-H. Heo*
- 10:20 – 10:25 Comparative biomechanics and vascular healing response of 3 contemporary stents in balloon-predilated femoral arteries of familial hypercholesterolemic swine *M. Montero-Baker*
- 10:25 – 10:30 Stent expansion in superficial femoral artery will improve as round shape after long term period even in the case of eccentric plaque distribution – IVUS confirmation *Y. Yamamoto*
- 10:30 – 10:35 Innovative trans-palmar approach for coronary angiography and intervention: access via superficial palmar branch of ulnar artery *F. Roghani-Dehkordi*
- 10:35 – 10:40 Experience of endovascular techniques in treatment of long superficial femoral artery occlusions *M. Chernyavskiy*

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

- 11:00 – 12:40** **Moderated poster round in front of Main arena 1**
Jurors: R. Ferraresi, R. Varcoe
- Original research: BTK, CLI, PVD**
- 11:00 – 11:05 Evaluation of the role of below-the-knee-revascularization (BTKR) for the treatment of peripheral arterial occlusive disease (PVD) in stage III and IV according to the Fontaine classification *O. Eldergash*
- 11:05 – 11:10 Below knee angioplasty in diabetic patients: predictors of major adverse clinical outcomes *M. Kashkoush*
- 11:10 – 11:15 Prevalence of critical limb ischemia and peripheral arterial disease in patients with end-stage renal disease on hemodialysis due to diabetic nephropathy, from PREDICT study *T. Kato*
- 11:15 – 11:20 New method for assessment the efficiency of revascularization in patients with critical limb ischaemia *G. Sheiko*
- 11:20 – 11:25 Impact of myocardial injury after percutaneous transluminal angioplasty (PTA) in patients with critical lower limbs ischemia (CLI) on major adverse cardiovascular events *A. Wachsmann*
- 11:25 – 11:30 Infra-popliteal interventions with drug eluting balloons vs regular balloons in critical limb ischaemia – single center real world experience *M. Sloan*
- 11:30 – 11:35 Initial experience using closed incision management with negative pressure therapy after lower limb amputation in vascular patients: our case series *C. Schoonjans*
- 11:35 – 11:40 Covered stent to treat iatrogenic femoral pseudoaneurysm *C. Fernandez Prendes*
- 11:40 – 11:45 Comparison between full versus partial revascularisation during endovascular management of multilevel lower limb arterial disease in *A. Abou Elrous*
- 11:45 – 11:50 AngioSeal for puncture site closure after antegrade procedures in peripheral arterial disease patients *S. Alsharfan*
- 11:50 – 11:55 Catheter directed thrombolysis in management of early acute thrombotic ischemia *O. Ismail*
- 11:55 – 12:00 Study on the application of relay puncture technique in the treatment of patients with complicated arteriosclerosis obliterans *C. Li*
- 12:00 – 12:05 13 years experience of peripheral arterial disease intervention in tertiary referral center *M. Elsherif*
- 12:05 – 12:10 Preclinical results of a novel zinc alloy as a platform for bioresorbable vascular scaffolds in peripheral arterial disease *C. Hehrlein*
- 12:10 – 12:15 TOPP-ABI – Tissue Optical Perfusion Pressure-Ankle Brachial Index: New parameters for diagnosis of PAOD and interventional results *G. Horstick*
- 12:15 – 12:20 Simultaneous ipsilateral retrograde and antegrade femoral accesses for single session lower extremity angiography and angioplasty *H. Hemmati*
- 12:20 – 12:25 Potentiality of sheathless naked stent delivery technique on the puncture complications in patients with peripheral artery disease *T. Mochidome*
- 12:25 – 12:30 TrackCath system new approach to cannulation *Z. Rancic*
- 12:30 – 12:35 Use of leukotrienes and thromboxanes as new prognostic biomarker of recurring restenosis after endovascular treatment in patients with lower limb ischemia *M. Maga*
- 12:35 – 12:40 Clinical outcome of managing to lower low density lipoprotein cholesterol levels to peripheral arterial disease from I-PAD study *D. Kashiwagi*

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

13:00 – 14:25

Moderated poster round in front of Main arena 1*Jurors: M. Brodmann, I. Baumgartner***Challenging cases: BTK, CLI, PVD, SFA**

13:00 – 13:05

Rescue procedure with mechanical thromboaspiration in a case of acute embolism into dorsalis pedis artery during percutaneous revascularisation of superficial femoral artery obstruction *M. Fronda*

13:05 – 13:10

Endovascular treatment in combine aortoiliac occlusive disease TASC D and infrainguinal lesion TASC D in CLI patient *P. Kaviros*

13:10 – 13:15

Complete healing of advanced diabetic foot ulcers by percutaneous transluminal angioplasty *S. Mousavisaadatabadi*

13:15 – 13:20

Recanalisation of a chronic total occlusion in a popliteal artery using a FLEX® scoring catheter prior to drug coated balloon *L. Lopez*

13:20 – 13:25

Cost effectiveness of carbon dioxide as contrast medium to guide endovascular treatment of chronic lower limb ischemic patients with impaired renal function *S. Nagib*

13:25 – 13:30

Aortic rupture following catheter directed thrombolysis *G. Annamalai*

13:30 – 13:35

Iatrogenic internal mammary artery pseudoaneurysm treated with ultrasound guided percutaneous thrombin injection *A. M. Alduk*

13:35 – 13:40

Minimally invasive EVT for CIA/EIA/SFA-CTO using the IVUS preceding technique in the popliteal artery approach *S. Nakamura*

13:40 – 13:45

Safety and efficacy of hybrid therapy for subacute and chronic peripheral artery occlusions *M. Yamasaki*

13:45 – 13:50

Role of endovascular management in treatment of surgical high risk patients with popliteal artery aneurysm *M. Ismail*

13:50 – 13:55

Successfully endovascular treated femoral artery following reocclusion of inserted venous vascular bridge after septic arrosional bleeding after xenogenic patch plastic *C. Köhler*

13:55 – 14:00

Recanalisation total occlusion SFA thru tibial artery *A. Goldsmit*

14:00 – 14:05

Combined stenting and drug-coated balloon for complex femoropopliteal disease *M. Soliman*

14:05 – 14:10

A case of delayed pseudo-aneurysm after stent thrombosis of superficial femoral artery stenting *K. Tobita*

14:10 – 14:15

IVUS can tell the risk of vessel rupture even if SFA intervention *H. Araki*

14:15 – 14:20

Endovascular management with catheter directed thrombolysis for treatment of chronic occluded femoro-popliteal bypass *M. Ismail*

14:20 – 14:25

Early occlusion of two cases after treatment of peripheral artery aneurysms with multilayer flow modulator stents: lessons to be learned *M. Dogan*

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

14:45 – 16:05

Moderated poster round in front of Main arena 1*Jurors: S. Ramee, G. Biamino***Challenging cases and original research: carotid and embolisation**

14:45 – 14:50

The result of carotid stenting for different accesses *I. Idrisov*

14:50 – 14:55

Hybrid repair of multilevel lesions of the brachiocephalic arteries *M. Chernyavskiy*

14:55 – 15:00

Bypass for symptomatic in-stent carotid restenosis *N. Montelione*

15:00 – 15:05

Single-center experience with MicroNet covered embolic prevention stent in a treatment of vulnerable carotid plaque: short and mid-term results *V. Gavrilovic*

15:05 – 15:10

Distal embolisation protection with Paladin system during carotid artery stent post-dilatation – early outcomes in a single center *J. Schofer*

15:10 – 15:15

Transradial carotid artery stenting using Paladin system together with the double layer micromesh stent *I. Vasilev*

15:15 – 15:20

Tracheo-innominate fistula diagnosis and treatment: A single center retrospective evaluation *E. Klein*

15:20 – 15:25

A case of acute ischemic stroke with total occlusion of ipsilateral internal carotid artery and severe stenosis of petrous part of contralateral internal carotid artery *A. Khan*

15:25 – 15:30

Endovascular treatment of a traumatic subclavian arteriovenous fistula *J. J. Bechir Maues Filho*

15:30 – 15:35

Successful treatment of right subclavian artery stenosis by preservation of the carotid artery with distal protection device *F. Ertaş*

15:35 – 15:40

Recurrent in-stent restenosis after subclavian artery stenting in a young female patient with Takayasu's arteritis *P. Paluszek*

15:40 – 15:45

Radial access for subclavian artery stenting *A. Kerzmann*

15:45 – 15:50

Unusual curative embolisation of the mycotic aneurysm of the inferior gluteal artery *V. Serafimov*

15:50 – 15:55

Aneurysmal bone cyst embolization – an effective and safe endovascular approach. Case reports and literature review *M. Giusti*

15:55 – 16:00

Aneurysm of a splenic artery collateral *M. Lemos Gomes*

16:00 – 16:05

A complex embolisation procedure using AMPLATZER vascular plugs for internal iliac artery aneurysm with anatomical difficulties due to previous history of abdominal aorta replacement surgery *T. Asato*

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

- 09:00 – 10:40** **Moderated poster round in front of Main arena 1**
Jurors: P. Cao, F. Vermassen
- Original research: EVAR part I**
- 09:00 – 09:05 A comparison of radiation exposure during endovascular aortic aneurysm repair with or without endostapling *A. Ahmed*
- 09:05 – 09:10 Comparative study on endovascular aneurysm repair using ultra-low profile polymer-filled (PF) vs. self-expanding metallic (SEM) endografts *Y. Law*
- 09:10 – 09:15 Open thoracic and thoracoabdominal aortic repair in patients with connective tissue disease *D. Kotelis*
- 09:15 – 09:20 Favorable Impact of TEVAR on long-term survival of patients with acute uncomplicated Type B aortic dissection *V. Patel*
- 09:20 – 09:25 Clinical application of 3-dimensional image fusion guidance (VesselNavigator, Philips) during EVAR: a single-center assessment of its beneficial role in reducing contrast-induced nephropathy and radiation hazard *B. C. Lee*
- 09:25 – 09:30 Low-profile polymer-based endografts (Ovation – Endologix) implantation and postoperative Type 2 endoleak incidence and fate in an unselected population *W. Mansour*
- 09:30 – 09:35 Long-term results of the petticoat concept with the use of balloon-expandable stents in treating extended aortic dissections, complicated by malperfusion syndrome *K. Kochkina*
- 09:35 – 09:40 Dynamic geometry of renal arteries in untreated AAA, snorkel endovascular aneurysm repair, and snorkel endovascular aneurysm sealing *C. Cheng*
- 09:40 – 09:45 Comparison of complication and success rates of perclose proglide closure device in patients undergoing transcatheter aortic valve implantation and endovascular aneurysm repair *G. Durmuş*
- 09:45 – 09:50 Use of Heparin Bonded Vlabahn BX balloon expandable stengrafts in fenestrated and branched EVAR *K. T. Tan*
- 09:50 – 09:55 Branched endovascular repair for thoracoabdominal aneurysms – a single centre midterm experience *G. Santoro*
- 09:55 – 10:00 Geometric features of the thoracic aorta and endograft correlate with TEVAR bird-beaking severity *M. Frohlich*
- 10:00 – 10:05 Quantification of thoracic aortic longitudinal centerline and surface curvatures for TEVAR planning and evaluation *J. Bondesson*
- 10:05 – 10:10 A new method for treatment of Type 2 endoleak after EVAR: Sac Embolisation with Balloon Occlusion of the Aorta (SEBOA) *Y. Ogawa*
- 10:10 – 10:15 Fusion imaging significantly reduces contrast doses and radiation during endovascular aortic repair *S. Anton*
- 10:15 – 10:20 Embolisation for Type 1a endoleak after TEVAR via direct transthoracic puncture in pig models *S. Onozawa*
- 10:20 – 10:25 Results of AFX unibody stent-graft implantation in patients with TASC D aortoiliac lesions and coexistent abdominal aortic aneurysms *W. Mansour*
- 10:25 – 10:30 Contrast-induced acute kidney injury after endovascular abdominal aortic aneurysm repair *C. Alonzo*
- 10:30 – 10:35 TEVAR improves survival despite otherwise dismal outcomes in complicated Type B aortic dissection *V. Patel*
- 10:35 – 10:40 Peripheral covered stents in bleeding control: short term results *P. Bonanno*

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

- 11:00 – 12:50** **Moderated poster round in front of Main arena 1**
Jurors: M. van Sambeek, J.-P. de Vries
- Original research: EVAR part II**
- 11:00 – 11:05 Geometrical remodeling of the aortic arch after hybrid treatment *A. Finotello*
- 11:05 – 11:10 Endovascular management of peri-aortic fibrosis. Mid-term outcomes *N. O'Reilly*
- 11:10 – 11:15 Renal snorkel stent length affects branch angle in snorkel EVAR and EVAS patients *G. Y. Suh*
- 11:15 – 11:20 Morphological changes in stentgraft after endovascular aneurysm repair using ALTURA *A. Knapsis*
- 11:20 – 11:25 Multiaxial pulsatile compliance changes to the thoracic aorta from before to after TEVAR *G.-Y. Suh*
- 11:25 – 11:30 Acidosis predicts perioperative mortality after surgical and endovascular treatment for a ruptured abdominal aortic aneurysm *A. Froio*
- 11:30 – 11:35 Analysing the society for vascular surgery/american association for vascular surgery scoring systems for outcomes post endovascular aortic repair *P. Canning*
- 11:35 – 11:40 Clinical outcomes of ruptured AAA in single hospital *J. Go*
- 11:40 – 11:45 Prevalence of AAA in Saudi Arabia *F. Alomran*
- 11:45 – 11:50 The effect of TEVAR for blunt thoracic aortic injury on maximal aortic diameter: mid- and long-term outcome *H. Mufty*
- 11:50 – 11:55 Interaction of progenitor endothelial cells and NK lymphocytes in blood of patients as the sign and reason the late low survival rate after EVAR *A. Svetlikov*
- 11:55 – 12:00 Centralization of flow concept: implantation of non-covered stents in the aorta for malperfusion syndrome in corrected aortic dissection *I. Petrov*
- 12:00 – 12:05 Endovascular management of ruptured aorto/iliac aneurysms, early experience *M. El-Maadawy*
- 12:05 – 12:10 The VENT technique using ovation stent-graft for juxtarenal aneurysms in patients with small iliac access vessels *M. Mele*
- 12:10 – 12:15 Conformability of Medtronic Endurant II endovascular stent graft in combination with Jotec iliac branched devices treating aortoiliac aneurysms *K.-J. Sikkink*
- 12:15 – 12:20 Predictors of major adverse anatomical events after endovascular abdominal aortic aneurysm repair *M. Elkassaby*
- 12:20 – 12:25 Adaptation of the peri-renal aorta after placement of an Anaconda AAA stent graft *M. Koenrades*
- 12:25 – 12:30 Short term outcome of endovascular repair of patients with thoracic aortic diseases *H. Soliman*
- 12:30 – 12:35 The history of the first in the world stentgraft invention.
- 12:35 – 12:40 The role of professor Volodos N.L. Masks thrown off *A. Svetlikov*
- 12:40 – 12:45 Software to help choosing an infra renal abdominal aortic aneurysm endoprotese *G. Meirelles*
- 12:45 – 12:50 The aXurge project. Feasibility of a mathematical platform for abdominal aortic aneurism risk assessment and surgical planning *M. Domanin*
- Experience with BeGraft stent at the Hospital General Universitario de Alicante, Spain *S. Gil Sánchez*

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

13:00 – 14:25

Moderated poster round in front of Main arena 1

Jurors: J.-P. Becquemin, T. Kölbl

Challenging cases: EVAR part I

13:00 – 13:05

Expanding thoracic aneurysm due to Type 3 endoleak treated with covered stent and chimey to superior mesenteric artery bypassing false lumen *J. R. Ismail*

13:05 – 13:10

Endovascular entry closure using Amplatzer vascular plug for the aortic dissection in sub-acute phase *Y. Hata*

13:10 – 13:15

Surgeon modified stent graft: feasible endovascular bailout in emergency *T. Sayed*

13:15 – 13:20

A case of aorto-bi-iliac artery bypass graft presented with life threatening lower gastrointestinal hemorrhage due to arterio-enteric fistula *S. Alharbi*

13:20 – 13:25

Antegrade in situ fenestration of aortic stent graft *A. Mallios*

13:25 – 13:30

Penetrating aortic ulcer presenting as hematemesis *U. Gurunandan*

13:30 – 13:35

Chimney technique with the INCRAFT® AAA stent graft system to treat pararenal aortic aneurysm in narrowed iliac axes *N. Montelione*

13:35 – 13:40

Endovascular treatment of a patient with ruptured abdominal aortic aneurysm and abdominal compartment syndrome *I. Sachmpazidis*

13:40 – 13:45

Double iliac extension limbs caused by misdeployment of contralateral iliac limb: an unusual complication of EVAR *K. Hongku*

13:45 – 13:50

Challenging EVAR in very narrow aortic bifurcation: sometimes you need luck *S. Maspakorn*

13:50 – 13:55

Hematemesis in acute aortic dissection Type B *F. Manresa*

13:55 – 14:00

A challenging case in Ch-EVAS *M. P. Lamarca Mendoza*

14:00 – 14:05

Endovascular aneurysm repair of secondary aortoenteric fistula: early result does not mean late result *N. Wiangphoem*

14:05 – 14:10

Complex aortic aneurysm: a current indication of debranching *M. Alonso Perez*

14:10 – 14:15

Early mechanical failure of the main body of EVAR necessitated open surgery *I. Mavioglu*

14:15 – 14:20

Endovascular neck plasty using an Excluder aortic cuff for EVAR of infrarenal aortic aneurysm in chronic aortic dissection *Y. Ogawa*

14:20 – 14:25

Case report of successful hybrid repair of aortic arch aneurysm *M. Chernyavskiy*

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

14:45 – 16:10

Moderated poster round in front of Main arena 1

Juror: F. Criado

Challenging cases: EVAR part II

14:45 – 14:50

Aortouni-iliac stent-grafting in patient with abdominal aortic aneurysms associated with colorectal cancer *A. Oleschuk*

14:50 – 14:55

Endovascular management of localized aortic lesions *M. Ismail*

14:55 – 15:00

Retrograde Type A dissection following endovascular treatment of Type B dissection *S. Grahadhurai*

15:00 – 15:05

Endovascular repair following post-open repair endoleak from distal anastomosis *R. Makar*

15:05 – 15:10

Challenging endovascular treatment in complicated thoracoabdominal aneurysm *C. Lozano Ruiz*

15:10 – 15:15

Successful endovascular repair of giant thoracoabdominal aneurysm: a case report *M. Chernyavskiy*

15:15 – 15:20

Hypogastric aneurysm isolated, how to treat? *N. Mahfouz*

15:20 – 15:25

Early open conversion for a Type IA endoleak in patient undergone endovascular repair of AAA *I. Ficarelli*

15:25 – 15:30

Successful percutaneous repair of giant iliac aneurysm *O. Taşar*

15:30 – 15:35

Long-term result for hybrid staged intervention for thoracoabdominal aneurism rupture *K. Kochkina*

15:35 – 15:40

Surgical bailout for contained aortic rupture at supra-renal fixation post EVAR *M. Elmeniesy*

15:40 – 15:45

Thrombosis of a previously ruptured abdominal aortic aneurysm *N. Reina*

15:45 – 15:50

Was it the best solution, for this complex aortic case?

Or maybe we shouldn't have treated it!! *D. Ruiz Chiriboga*

15:50 – 15:55

Endovascular treatment of aortobronchial fistula in patients sustained open surgical repair for thoracic aorta lesion: Two cases *A. Megalopoulos*

15:55 – 16:00

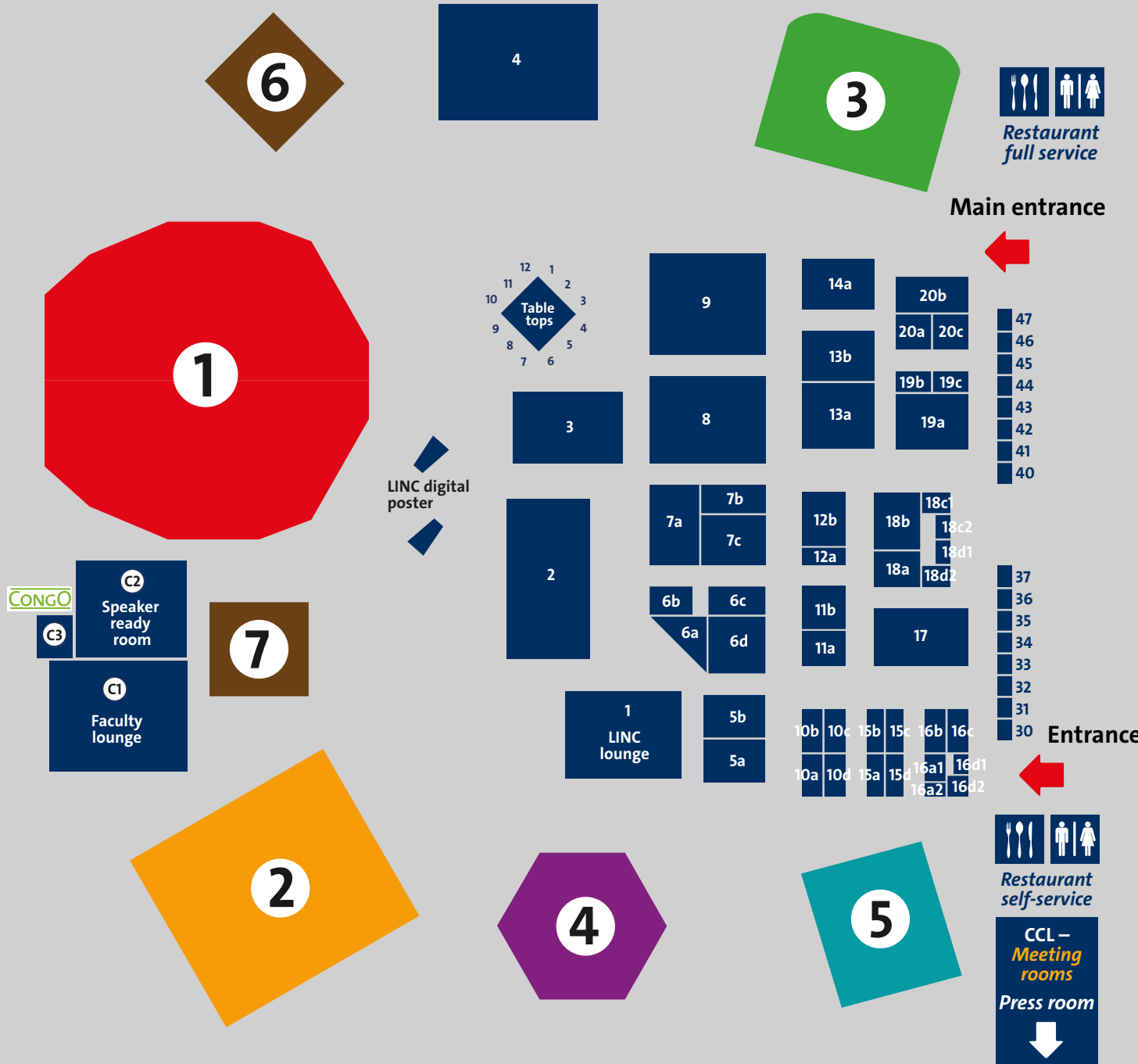
Usefulness of transradial approach for overcoming poor coaxial alignment of contralateral limb in abdominal aortic aneurysm *S.-H. Lee*

16:00 – 16:05

Use of AFX ENDOLOGY ENDOLOGIX with bifurcated endoprosthesis of iliaca E-LIAC JOTEC: two case report *A. Moraes*

16:05 – 16:10

TEVAR for treatment of late undiscovered post traumatic aortic pseudo-aneurysm *M. Elmeniesy*



Exhibitors:

- 1 LINC lounge
- 2 Gore & Associates
- 3 Abbott Vascular
- 4 Medtronic
- 5a Siemens
- 5b JOTEC
- 6a Getinge
- 6b Contego Medical
- 6c VascuScience
- 6d Penumbra
- 7a C. R. Bard
- 7b Cardionovum
- 7c iVascular/Endoscout
- 8 COOK Medical
- 9 Medtronic
- 10a Balton
- 10b Ziehm Imaging
- 10c Angiodroid
- 10d LINC lounge
- 11a ShockWave Medical
- 11b Straub
- 12a Joline
- 12b Bentley
- 13a Philips/Spectranetics, a Philips Company
- 13b Cordis
- 14a BIOTRONIK
- 15a QualiMed
- 15b Asahi Intecc
- 15c Andanza
- 15d Lombard Medical
- 16a1 wisepress
- 16a2 RD Global
- 16b Veryan
- 16c Lifetech
- 16d1 available
- 16d2 Merit Medical
- 17 Boston
- 18a BTG
- 18b Endologix
- 18c1 AngioDynamics
- 18c2 InspireMD
- 18d1 AndraTec
- 18d2 Cardiatis
- 19a Terumo
- 19b Andramed
- 19c genae
- 20a optimed
- 20b B. Braun
- 20c Alvimedica
- 30 SOT Medical Systems
- 31 TVA Medical
- 32 Tokai
- 33 Deutsche Akademie für Mikrotherapie
- 34 Meril Life Sciences
- 35 APT Medical
- 36 SCITECH
- 37 Vivasure Medical
- 40 Control-Distal-Transit
- 41 Zylox Medical
- 42 IMTR
- 43 CX 2018/Vascular News
- 44 Ra Medical Systems
- 45 Laminate
- 46 ALN
- 47 Clinlogix

Table top exhibitors:

- TT1 RenalGuard
- TT2 EGEMED
- TT3 PQ Bypass
- TT4 PakuMed
- TT5 SITE
- TT6 Future meeting table
- TT7 Micro Medical Solutions
- TT8 Walk Vascular
- TT9 ASID BONZ
- TT10 Endovascular Today
- TT11 Edizioni Minerva Medica
- TT12 Intact Vascular

Faculty:

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

SHUTTLE SERVICE

At LINC 2018 we offer our participants a shuttle service to and from the Messe Leipzig

Bus shuttles will be leaving every morning.

- Tuesday at 07:00am
- Wednesday at 07:15am
- Thursday at 07:15am
- Friday at 08:20am

in front of the following hotels:

- arcona LIVING BACH14
- Balance Hotel Leipzig Alte Messe
- Book Hotel Leipzig
- H+ Hotel Leipzig
- H4-Hotel Leipzig
- Hotel Fürstenhof
- Hotel Michaelis
- Ininside by Melia
- InterCityHotel
- Marriott Hotel Leipzig
- Mercure Hotel Art Leipzig
- Mercure Hotel Leipzig Am Johannisplatz
- NH Hotel Leipzig Messe
- Pentahotel Leipzig
- Radisson Blu Hotel
- Sachsenpark-Hotel
- Seaside Park Hotel
- Steigenberger Grandhotel
- The Westin Hotel
- Victor's Residenz-Hotel

Shuttles for the return trip will be available after the last session of each day has adjourned (approx. 17:30).



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. There will be shuttle buses from the tramway stop to the entrance east.
- **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 entrance east you can either walk (approx. 20 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 entrance east you can either walk (approx. 20 minutes) or take tramway 16.

L I N C

Leipzig Interventional Course | January 22–25, 2019

Save the date!
LINC 2019
will take place on
January 22–25,
2019



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