LEIPZIG INTERVENTIONAL COURSE 2021

25–29 January 2021
Welcome to LINC 2021

Re-connect the endovascular community!
During these difficult times we are experiencing, LINC continues to be committed to provide a platform for an interdisciplinary exchange of latest scientific data and technical aspects of endovascular interventions amongst endovascular specialists from around the world.

While live case transmissions from renowned centers around the globe remain to be the main focus, the virtual LINC 2021 edition will feature especially designed Connect The World Sessions, Main Sessions, Symposia, Company Learning Sessions, and Poster Sessions.

The organisers of the course and the members of the faculty would like to welcome you to the LEIPZIG INTERVENTIONAL COURSE 2021.
During LINC 2021 more than 40 live cases will be performed from national and international centers. All live case transmissions are coordinated, filmed, and produced by the mediAVentures crew, using the latest in high definition television and wireless technology.

- Policlinico Abano Terme, Abano Terme, Italy
- Kansai Rosai Hospital Amagasaki, Amagasaki, Japan
- Klinikum Hochsauerland Arnsberg, Arnsberg, Germany
- 301 General Hospital of PLA, Beijing, China
- Sankt-Gertrauden-Hospital, Berlin, Germany
- Ospedale Policlinico San Martino—HSM—University of Genoa, Genoa, Italy
- The First Affiliated Hospital, Sun Yat-sen University, Guangzhou, China
- Universitäres Herz- und Gefäßzentrum UKE Hamburg, Hamburg, Germany
- Wellmont CVA Heart & Vascular Institute Kingsport, Kingsport, United States
- Universitätsklinikum Leipzig, Abt. Angiologie, Leipzig, Germany
- Universitätsklinik für Herzchirurgie Leipzig, Leipzig, Germany
- Hesperia Hospital Modena, Modena, Italy
- St. Franziskus Hospital Münster, Münster, Germany
- Hôpital Marie Lannelongue Paris, Paris, France
- Sengkang General Hospital, Singapore
- Gefäßzentrum Klinikum Sonneberg, Sonneberg, Germany
- UniversitätsSpital Zürich, Zurich, Switzerland
07:30 – 09:00 Advanced concepts for complex aortoiliac obstructions
Moderators: Peter Goverde, Ramon Varcoe
Panel: Hans Krankenberg, Michel Reijnen, Patrice Mwipatayi

07:30 – 07:55 Live case transmission from Leipzig

07:55 – 08:00 The CERAB technique – procedural tips and clinical outcome
Michel Reijnen

08:00 – 08:05 Clinical experience between kissing stents and CERAB
Hany Zayed

08:05 – 08:10 Outcomes of self expanding PTFE covered stent vs. bare metal stent for chronic iliac artery occlusion
Michele Piazza

08:10 – 08:15 FLEX study: 3 year follow-up of patients with iliac occlusive disease treated with the Viabahn balloon-expandable endoprosthesis
Jean Panneton

08:15 – 08:40 Live case transmission from Münster

08:40 – 08:45 Ambulatory treatment and the advantages of trans-radial access
Mercedes Guerra Requena

08:45 – 08:50 Covered stents in emergencies – why should we all have enough covered stents on the shelf?
Maria Antonella Ruffino

08:50 – 08:55 My algorithm for aortoiliac occlusive disease treatment: from easy lesions to juxtarenal total aortoiliac occlusions: which technique for which lesion
Peter Goverde

08:55 – 09:00 Q&A, discussion, and conclusion
Monday, 25 January 2021 (cont.)

09:00 – 09:15   
**LINC Studio:**  
**Covered stents in clinical practice: Case review and discussion round**  
*Moderator: Dierk Scheinert*  
*Guests: Andrej Schmidt, Andrew Holden*

09:15 – 10:00   
**SYMPOSIUM: Stepping towards optimized lower limb treatment – meet the experts supported by Abbott Vascular**  
*Moderator: Koen Deloose*  
*Panel: Jonathan Sobocinski, Francesco Liistro, Luis Palena*  
Step by step approach on treating patients with complex SFA  
Tips and tricks for sustainable BTK results  
How you close your procedures in the context of Covid?

10:00 – 10:10   
**LINC Studio:**  
**Tips and tricks for complex peripheral interventions**  
*Moderator: Dierk Scheinert*  
*Guests: Andrej Schmidt, Koen Deloose*

10:10 – 11:20   
**LATE BREAKING TRIAL SESSION: Pioneering approaches and new data for BTK interventions**  
*Moderators: Marianne Brodmann, Michael Lichtenberg*  
*Panel: Francesco Liistro, Wei Guo*  
10:10 – 10:15  
IN.PACT BTK randomized study: 9 month primary outcomes  
*Francesco Liistro*  
10:15 – 10:20  
Chinese experience of DCB in BTK: 12 month results of the AcoArt II study  
*Wei Guo*  
10:20 – 10:25  
Latest data of DCB in BTK: 12 month results of the AcoArt BTK Italy study  
*Francesco Liistro*  
10:25 – 10:30  
Luminor in BTK: MERLION trial 12 month outcomes presented for the first time  
*Tjun Tang*  
10:30 – 10:35  
Temsirolimus adventitial delivery to improve ANGiographic Outcomes below the knee (TANGO)  
*Ehrin Armstrong*  
10:35 – 10:40  
PRESTIGE-study: 12 month results with the SELUTION sirolimus coated balloon in TASC C and D tibial occlusive disease  
*Tze Tec Chong*  
10:40 – 10:45  
A pilot study examining the performance and safety of the temporary spur stent system in infrapopliteal arteries: first-time use with a Limus-coated balloon (DEEPER LIMUS)  
*Marianne Brodmann*  
10:45 – 10:50  
DEEPER OUS trial: a multicenter, single arm trial of the novel temporary spur stent system used in conjunction with a commercially available, Paclitaxel-coated balloon  
*Michael Lichtenberg*  
10:50 – 10:55  
12 month data from the LimFlow PROMISE I US early feasibility study  
*Peter Schneider*  
10:55 – 11:20  
**Live case transmission from Leipzig**

11:20 – 11:30   
**LINC Studio:**  
**Expert round: Drug-eluting therapies for BTK arteries**  
*Moderator: Dierk Scheinert*  
*Guests: Sabine Steiner, Francesco Liistro, Ulrich Speck*
11:30 – 12:25
**SYMPOSIUM: A new era for vascular access: Evidence-based strategies for optimizing AV fistula creation and maintenance supported by Medtronic**

*Moderator: Andrew Holden*

*Panel: Alexandros Mallios, Jeffrey Hull, Tobias Steinke*

- **11:30 – 11:35** Introduction
  - Andrew Holden
- **11:35 – 11:40** Panel discussion
- **11:40 – 11:50** Endovascular or surgical AV access creation: which option for which patient?
  - Alexandros Mallios
- **11:50 – 11:55** Panel discussion
- **11:55 – 12:05** Challenges in AV access maintenance: treating the cephalic arch
  - Jeffrey Hull
- **12:05 – 12:10** Panel discussion
- **12:10 – 12:20** My AV access maintenance algorithm
  - Tobias Steinke
- **12:20 – 12:25** Panel discussion & programme conclusions

12:30 – 13:15
**LUNCH SYMPOSIUM: Is there any DCB covering your needs? Updated efficacy and safety evidence supported by iVascular**

*Moderator: Koen Deloose*

*Panel: Tjun Tang, Ralf Langhoff*

- **12:30 – 12:31** Introduction
- **12:31 – 12:49** Live case transmission from Sonneberg
- **12:49 – 12:57** First Luminor safety and efficacy outcomes at 3.5 years
  - Ulf Teichgräber
- **12:57 – 13:05** Long and complex lesion management, new 2 years data. 1+1=3
  - Koen Deloose
- **13:05 – 13:13** BTK experience, Luminor outcomes at 1 year
  - Tjun Tang
- **13:13 – 13:15** Q&A, discussion, and closure
LATE BREAKING TRIAL SESSION: New data and innovative concepts for treatment of femoral arteries – part I

Moderators: Thomas Zeller, Sabine Steiner
Panel: Kenneth Rosenfield, Weiguo Fu, Marianne Brodmann

FOCUS ON DRUG-ELUTING TECHNOLOGIES

13:15 – 13:20 IN.PACT global full clinical cohort: 5 year outcomes  
Thomas Zeller
13:20 – 13:25 The real-world CONSEQUENT ALL COMERS study  
Ralf Langhoff
13:25 – 13:30 Final long-term mortality results of Paclitaxel-coated DCBs from the ILLUMENATE RCTs  
Marianne Brodmann
13:30 – 13:35 5 year outcomes from the IN.PACT global Asian cohort  
Young-Guk Ko
Michael Lichtenberg
13:40 – 13:45 New safety and effectiveness data of Luminor DCB: EffPac trial 3.5 years  
Dierk Scheinert
13:45 – 13:50 Results of the TRANSCEND study – the randomized and controlled noninferiority trial to evaluate safety and clinical efficacy of the SurVeil™ drug-coated balloon compared to IN.PACT® Admiral® drug-coated balloon in the treatment of femoropopliteal artery disease  
Kenneth Rosenfield
13:50 – 13:55 2 year results from the COMPARE-trial comparing low-dose (Ranger) vs. high-dose (Impact) DCB in femoropopliteal arteries  
Sabine Steiner
13:55 – 14:00 First peripheral drug-eluting stent clinical results from China: 1 year outcomes of the Zilver PTX China study  
Weiguo Fu
14:00 – 14:05 MIMICS-3D: 2 year data from the BioMimics 3D Real world registry  
Michael Lichtenberg
14:05 – 14:10 The vacuum-assisted thromboaspiration in patients with acute lower limb ischaemia: safety and efficacy results from the INDIAN registry  
Gianmarco de Donato

LINC Studio:

LATE BREAKING TRIAL discussion

Moderator: Dierk Scheinert
Guests: Sabine Steiner, Kenny Rosenfield, Thomas Zeller, Marianne Brodmann
Monday, 25 January 2021 (cont.)

ROOM 1 – MAIN ARENA 1

14:20 – 15:05

LATE BREAKING TRIAL SESSION: New data and innovative concepts for treatment of femoral arteries – part II

Moderators: Thomas Zeller, Sabine Steiner
Panel: Brian DeRubertis, Ehrin Armstrong, Koen Deloose

FOCUS ON NEW DATA FOR COMPLEX LESIONS

14:20 – 14:25
IN.PACT global 4 year DCB alone vs. DCB + provisional stenting outcomes
Gunnar Tepe

14:25 – 14:30
24 month outcomes of the combination of Luminor and iVolution in 24 cm lesions: TINTIN trial
Koen Deloose

14:30 – 14:35
12 month outcomes from the Japanese post-market surveillance study of the Viabahn endoprosthesis as treatment for symptomatic peripheral arterial disease in the superficial femoral arteries
Osamu Iida

14:35 – 14:40
Outcomes in CLI patients treated with DCB: 4 year results from the IN.PACT global study
Michel Reijnen

14:40 – 14:45
REALITY study 12 month outcomes: safety and effectiveness of directional atherectomy followed by DCB
Brian DeRubertis

14:45 – 14:50
Laser atherectomy combined with drug-coated balloon angioplasty is associated with improved 1 year outcomes for the treatment of Tosaka II and III femoropopliteal in-stent restenosis
Ehrin Armstrong

14:50 – 14:55
In-tack restenosis vs. in-stent restenosis
Raghu Kolluri

14:55 – 15:00
TORUS2 Late breaking clinical trial data: Preliminary 12-month results from interim analysis of the TORUS stent graft
Michael Lichtenberg

15:00 – 15:05
Fully percutaneous femoropopliteal bypass of complex PAD: population analysis and 24 month results from the DETOUR1 clinical trial
Michael Piorkowski

15:05 – 15:15

LINC Studio:

LATE BREAKING TRIAL discussion
Moderator: Dierk Scheinert
Guests: Koen Deloose, Gunnar Tepe, Brian DeRubertis, Michael Piorkowski
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| 15:15 – 16:30 | **SYMPOSIUM: Image guided therapy for lower limb revascularisation: state of the art**  
   supported by Philips  
   *Moderator: Theodosios Bisdas*  
   *Panel: Daniel van den Heuvel, Osamu Iida, Nicolas Shammas*  
   **Introduction**  
   Utilizing complementary imaging modalities to guide strategy and optimize outcomes  
   *Daniel van den Heuvel*  
   The ABCs of intravascular imaging in contemporary lower limb revascularisation  
   *Osamu Iida*  
   **Live case transmission from Arnsberg**  
   An optimized angioplasty paradigm: image guided dissection detection and management with a first of its kind dissection repair device  
   *Nicolas Shammas*  
   **Recorded case presentation: See clearly treat optimally masterclass**  
   *John Rundback*  
   **Discussion and conclusion** |
| 16:30 – 16:45 | **LINC Studio:**  
   **Beyond angiography: IVUS and OCT in clinical routine**  
   *Moderator: Dierk Scheinert*  
   *Guests: Andrej Schmidt, Arne Schwindt, Michael Lichtenberg* |
| 16:45 – 17:45 | **SYMPOSIUM: A spotlight on venous intervention. An insight into when and how**  
   supported by Boston Scientific  
   *Moderator: Michael Jaff*  
   *Panel: Gerard O’Sullivan, Michael Lichtenberg, Carsten Arnoldussen*  
   **Live case transmission from Modena**  
   **FLASH PRESENTATION:**  
   Vici venous stent – clinical outcomes and patency at 3 years.  
   Results from the Arnsberg venous registry  
   *Michael Lichtenberg*  
   **Live case transmission from Modena**  
   Q&A, discussion, and closure |
| 17:45 – 18:00 | **LINC Studio:**  
   **Venous Interventions: Where do we stand?**  
   *Moderator: Dierk Scheinert*  
   *Guests: Gerry O’Sullivan, Michael Jaff, Nils Kucher, Raghu Kolluri* |
| 18:00 – 19:00 | **SYMPOSIUM: Strategies for treating long-segment aortoiliac artery occlusions**  
   supported by Gore & Associates  
   *Moderator: Gianmarco de Donato*  
   *Panel: Michele Antonello, Tomislav Stojanovic, Jorge Fernández Noya*  
   **Introduction**  
   Aortoiliac occlusive complex disease: how to treat TASC CD  
   *Michele Antonello*  
   Challenging iliac occlusive cases treated with covered stents  
   *Tomislav Stojanovic*  
   **Recorded case presentation: iliac occlusive disease treated with GORE® VIABAHN® VBX balloon expandable endoprosthesis**  
   *Jorge Fernández Noya*  
   **Discussion and conclusion**  
   *Gianmarco de Donato* |
**12:30 – 13:15**  
**LUNCH SYMPOSIUM: Custom solutions: innovation through collaboration**  
supported by Terumo Aortic  
*Moderator: Mohammad Hamady*  
*Panel: Rob Williams, Lydia Hanna, Martin Czerny*  

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| 12:35 | Fenestrated Anaconda: delivering longterm efficacy – the DeFINe series  
*Rob Williams* |
| 12:45 | Custom relay proximal scallop – midterm to longterm outcomes  
*Lydia Hanna* |
| 12:55 | RelayBranch – early and midterm results  
*Martin Czerny* |
<p>| 13:05 | Q&amp;A, discussion, and conclusion                                      |</p>
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| 07:00  | **LINC 2021 CONNECT – China: “Leave nothing behind” – advanced treatment concepts for complex lesions – Part I** partially supported by Medtronic  
*Chairmen: Zhong Chen, Weiguo Fu, Wei Guo*  
*Moderators: Dierk Scheinert, Thomas Zeller*  |
| 07:00  | What is vessel preparation and why is it important?  
*Fabrizio Fanelli*  |
| 07:06  | Minimising dissection with the Chocolate balloon  
*Min-yi Yin*  |
| 07:12  | Directional atherectomy as a vessel preparation tool – evidence and practice  
*Brian DeRubertis*  |
| 07:18  | Panel discussion  |
| 07:26  | Live case transmission from Guangzhou  |
| 08:01  | Efficacy of IN.PACT Admiral DCB – highlights of the IN.PACT Admiral clinical program  
*Yi Yang*  |
| 08:07  | My “leave nothing behind” algorithm  
*Xin Jia*  |
| 08:13  | **LINC 2021 CONNECT – China: “Leave nothing behind” – advanced treatment concepts for complex lesions – Part II**  
*Chairmen: Zhong Chen, Weiguo Fu, Wei Guo*  
*Moderators: Dierk Scheinert, Thomas Zeller*  |
| 08:13  | DES vs. DCB+BMS are they the same? Insights from the REACT study  
*Koen Deloose*  |
| 08:19  | Live case transmission from Leipzig  |
| 08:48  | The transition from open endarterectomy to interventional treatment of the CFA – how far have we come?  
*Martin Malina*  |
| 08:54  | Intervventional treatment of the common femoral artery – update on the PESTO trial  
*Thomas Zeller*  |
| 09:00  | **LINC Studio:**  
**Start into day 2**  
*Moderators: Dierk Scheinert, Sabine Steiner*  |
| 09:05  | **Sirolimus coated balloon: what the FUTURE holds for PAD** supported by Concept Medical  
*Moderator: Jos van den Berg*  
*Panel: Dierk Scheinert, Ulf Teichgräber, Edward Choke, Francesco Liistro*  
MagicTouch SCB with Nanolute technology – prospect and appraisal over paclitaxel, insights from the latest pre-clinical data  
*Aloke Finn*  |
| 09:05  | 12 month results of MagicTouch XTOSI trial for SFA and BTK disease  
*Edward Choke*  |
| 09:13  | MagicTouch PTA in BTK and SFA disease – case reviews and discussion  
*Edward Choke*  |
| 09:19  | Updates on FUTURE-SFA and FUTURE-BTK randomised controlled trials  
*Jackie Ho*  |
| 09:35  | Live case transmission from Berlin  |
| 09:55  | Discussion / SIRONA  
*Ulf Teichgräber*  |
| 10:00  | SirPAD – the largest randomised trial with a Sirolimus coated balloon for peripheral arterial disease treatment  
*Stefano Barco*  |
| 10:08  | Debate BTK Duel trials  
*Francesco Liistro*  |
| 10:14  | Discussion and conclusion  |
| 10:20  | **LINC Studio:**  
**The challenge of venous interventions**  
*Moderator: Dierk Scheinert*  
*Guest: Andrej Schmidt*  |
PRELIMINARY PROGRAMME

ROOM 1 – MAIN ARENA 1

Tuesday, 26 January 2021 (cont.)

10:25 – 11:40 Acute deep vein thrombosis and post-thrombotic syndrome

Moderators: Rick de Graaf, Michael Lichtenberg
Panel: Gerard O’Sullivan, Tim Sebastian, Stefano Barco,
Rolf Engelberger, Christian Erbel

10:25 – 10:45 Live case transmission from Zurich

10:45 – 10:51 COVID-19 and venous thromboembolism Stefano Barco

10:51 – 10:57 Thrombolysis techniques for iliofemoral DVT Rolf Engelberger

10:57 – 11:03 Mechanical thrombectomy techniques for iliofemoral DVT Gerard O’Sullivan

11:03 – 11:09 3 year clinical outcomes of dedicated nitinol stents for acute deep vein thrombosis, post-thrombotic syndrome and non-thrombotic iliac vein lesions Tim Sebastian

11:09 – 11:15 The TOPOS study: 1 year clinical outcomes of a hybrid oblique nitinol stent for PTS patients with common iliac vein compression Christian Erbel

11:15 – 11:21 Antithrombotic therapy after venous stents Raghu Kolluri

11:21 – 11:40 Live case transmission from Zurich

11:40 – 11:45 LINC Studio: Interventional management of AV-shunt and central vein stenoses

Moderators: Dierk Scheinert, Sabine Steiner

11:45 – 12:10 Pioneering approaches and new data: focus on venous and AV-shunt treatment

Moderators: Marianne Brodmann, Michael Lichtenberg
Panel: Robert Shahverdian, Tobias Steinke

11:45 – 11:50 FIRST TIME DATA RELEASE:
The IN.PACT AV access trial: subset outcomes through 12 month Andrew Holden

11:50 – 11:55 The IN.PACT AV access trial: economic outcomes Robert Lookstein

11:55 – 12:00 VIVO clinical study: Zilver Vena stent – 12 month results Lawrence Hofmann

12:00 – 12:05 Data from the ABRE study: clinical patient presentations in iliofemoral venous outflow obstruction – aDVT, PTS, NIVL Erin Murphy

12:05 – 12:10 FIRST TIME DATA RELEASE:
Retrospective comparison of surgical AV access fistula creation vs. pAVF creation Robert Shahverdyan

12:10 – 12:25 Pulmonary embolism management: percutaneous mechanical thrombectomy for acute PE

supported by Penumbra
Speaker: Juan José Ciampi Dopazo

12:25 – 12:30 LINC Studio: Pulmonary embolism management:
A perspective on the role of mechanical thrombectomy

Moderators: Dierk Scheinert, Sabine Steiner
Guests: Kenneth Rosenfield, Juan José Ciampi Dopazo
**ROOM 1 – MAIN ARENA 1**

**12:30 – 13:15**  
**LUNCH SYMPOSIUM: Leading with evidence:**  
ranger low dose drug coated balloon  
supported by Boston Scientific  
*Moderator: Koen Deloose*  
*Panel: Marianne Brodmann, Sabine Steiner, Gergana T. Taneva*  
12:30 – 12:32  
Introduction  
12:32 – 12:40  
New insights from Ranger DCB in challenging lesions and demographics  
*Marianne Brodmann*  
12:40 – 12:45  
Panel discussion  
12:45 – 12:53  
New insights from COMPARE 2 year, low dose vs. high dose DCB  
*Sabine Steiner*  
12:53 – 12:58  
Panel discussion  
12:58 – 13:06  
Optimizing DCB performance with Jetstream atherectomy  
*Gergana T. Taneva*  
13:06 – 13:11  
Panel discussion  
13:11 – 13:15  
Q&A, discussion, and conclusion  

**13:15 – 13:20**  
**LINC Studio:**  
**Building a venous programme**  
*Moderators: Dierk Scheinert, Sabine Steiner*  
*Guest: Tobias Hirsch*  

**13:20 – 15:00**  
**Endovascular procedures for the deep venous system**  
*Moderators: Houman Jalaie, Gerard O'Sullivan*  
*Panel: Tobias Hirsch, Raghu Kolluri, Olivier Hartung*  
13:20 – 13:34  
Live case transmission from Zurich  
13:34 – 13:47  
Recorded case presentation  
*Gerard O'Sullivan*  
IVC obstruction and heart failure with preserved ejection fraction  
*Tim Sebastian*  
13:53 – 13:59  
IVUS for guiding venous procedures: fancy tool or relevant for clinical outcomes?  
*Rick de Graaf*  
13:59 – 14:05  
Can advanced venographic techniques substitute IVUS?  
*Olivier Hartung*  
14:05 – 14:11  
Iliocaval skip stenting technique for chronic venous obstruction  
*Houman Jalaie*  
14:11 – 14:17  
Deep venous stenting: is there a relation between clinical outcomes and stent shape?  
*Gerard O'Sullivan*  
14:17 – 14:23  
Recent data on approved venous stents  
*Michael Lichtenberg*  
14:23 – 14:29  
Any role of open surgery for the deep veins left?  
*Stephen Black*  
14:29 – 14:45  
Live case transmission from Zurich  
14:45 – 15:00  
Q&A, discussion, and conclusion  

**15:00 – 15:05**  
**LINC Studio:**  
**Is debulking a valid concept?**  
*Moderator: Dierk Scheinert*  
*Guests: Giancarlo Biamino, Thomas Zeller*
Tuesday, 26 January 2021 (cont.)

ROOM 1 – MAIN ARENA 1

15:05 – 16:35  SYMPOSIUM: The reality of PAD and calcium: treatment strategies for improved outcomes  
supported by Medtronic  
Moderator: Dierk Scheinert  
Panel: Thomas Zeller, Giovanni Torsello, Ravish Sachar, Ralf Langhoff

15:05 – 16:05  Live case transmission from Leipzig
16:05 – 16:09  Redefining the management of PAD: a critical look at calcium  
Ralf Langhoff
16:09 – 16:13  Clinical evidence for vessel preparation followed by DCB in the most challenging lesions  
Ravish Sachar
16:13 – 16:17  Panel discussion
16:17 – 16:21  DCB after vessel prep: what is the clinical evidence for long-term effectiveness of DCB to reduce reinterventions?  
Giovanni Torsello
16:21 – 16:33  Additional strategies, tools and techniques for peripheral vascular therapies: a pre-recorded case  
Thomas Zeller
16:33 – 16:35  Closing remarks

16:35 – 16:40  LINC Studio:  
The challenge of venous interventions  
Moderators: Dierk Scheinert, Sabine Steiner

16:40 – 17:55  SYMPOSIUM: Overcoming challenges in treating iliofemoral deep vein thrombosis  
supported by BD  
Moderator: Michael Lichtenberg  
Panel: Bruno Freitas, Gerard O’Sullivan, Houman Jalaie

16:40 – 16:48  Building a venous practice with a multidisciplinary team  
Gerard O’Sullivan
16:48 – 17:12  Recorded case with Aspirex™S in iliofemoral deep vein thrombosis: tips and tricks  
Bruno Freitas
17:12 – 17:17  24-month results of the Venovo™ Venous Stent System VERNACULAR trial  
Gerard O’Sullivan
17:17 – 17:35  Recorded case: recanalization of chronic ilioferomal venous occlusion in a patient with PAD  
Houman Jalaie
17:35 – 17:55  Panel discussion

17:55 – 18:00  LINC Studio:  
Aortic interventions – Current challenges  
Moderator: Dierk Scheinert  
Guests: Andrej Schmidt, Daniela Branzan
18:00 – 19:10 SYMPOSIUM: Real-world experience to address aortic challenges: expert panel case discussion on treatment algorithms supported by Gore & Associates

Moderator: Marc van Sambeek

Panel: Theodosios Bisdas, Nimesh Desai, Mauro Gargiulo

18:00 – 18:01 Introduction from the moderator Mark van Sambeek

18:01 – 18:20 Live case transmission from Genoa

18:20 – 18:25 Understanding anatomical complexity and strategies to treat it Mauro Gargiulo

18:25 – 18:27 Q&A

18:27 – 18:32 Ensuring clinical effectiveness in challenging EVAR Marc van Sambeek

18:32 – 18:34 Q&A

18:34 – 18:39 Discussion

18:39 – 18:49 Recorded TEVAR case Theodosios Bisdas

18:49 – 18:51 Q&A


18:56 – 18:58 Q&A

18:58 – 19:03 Early endovascular treatment of type B dissection: facts to consider and technical learnings Dittmar Böckler

19:03 – 19:05 Q&A

19:05 – 19:10 Discussion and conclusion
12:30 – 13:15  LUNCH SYMPOSIUM: What mechanical thrombectomy could bring to current VTE practice: update on clinical data and personal experience from the US supported by Inari Medical
Moderator: Gerard O’Sullivan
Panel: Steve Abramowitz, Mike Jolly
Panel discussion:
· FLASH registry data – pulmonary embolism cases
· CLOUT registry data – deep vein thrombosis cases
· Impact of building a VTE Practice
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| 07:00 | **LINC 2021 CONNECT – joint session with JET**  
   partially supported by BD  
   *Moderators: Dierk Scheinert, Hiroyoshi Yokoi*  
   *Panel: Kazushi Urasawa, Giancarlo Biamino, Ralf Langhoff*  
   - **Live case transmission from Amagasaki** Kazushi Urasawa  
   - CTO technique and the step-up PTA approach Kazushi Urasawa  
   - Subintimal recanalisation of peripheral occlusive disease with IVUS guided true lumen re-entry Igor Rafael Sinicos  
   - The challenge of treating multivessel disease to preserve future treatment options: a case example Erwin Blessing  
   - Japan update: optimal strategies for vessel preparation and DCB usage Daizo Kawasaki  
   - Update on Paclitaxel safety from the results of Japanese patients analysis Masato Nakamura  
   - Treatment strategy for fempop critical limb-threatening ischemia Tatsuya Nakama |
| 08:00 | **Live case transmission from Leipzig**  
   - 4F endovascular treatment is as safe and effective as 6F with no need for VCD: full cohort analysis of the BIO4AMB multicenter trial Jos van den Berg  
   - IVUS guided atherectomy and DCB of calcified infrapopliteal disease: PRESTIGE trial update Michael Lichtenberg  
   - Rotational atherectomy in common femoral artery – endovascular treatment in a difficult-to-treat 'surgical' territory Grigoris Korosoglou |
| 09:00 | **LINC Studio:**  
   **Start into day 3**  
   *Moderators: Dierk Scheinert, Sabine Steiner* |
| 09:05 | **Redefining vascular treatment strategy for AVF and AVG:**  
   a deep dive into Sirolimus coated balloon designed with Nanolute technology supported by Concept Medical  
   *Moderator: Konstantinos Katsanos*  
   *Panel: Tjun Tang, Oumali Jaffer, Tze Tec Chong*  
   - Why Sirolimus coated balloons are a better option for AVF interventions: the MagicTouch solution Alok Finn  
   - Existing data of AVG + recorded case Chieh Suai Tan  
   - Discussion Chieh Suai Tan  
   - MATILDA + AVF recorded case Tjun Tang  
   - Discussion and conclusion |
| 10:20 | **LINC Studio:**  
   Current status of carotid interventions – Part I  
   *Moderators: Dierk Scheinert, Sabine Steiner*  
   *Guests: Sebastian E. Debus, Alberto Cremonesi* |
**ROOM 1 – MAIN ARENA 1**

<table>
<thead>
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<th>Time</th>
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| 10:25 - 11:25 | **Innovative concepts in carotid revascularisation**  
**Moderators:** Alberto Cremonesi, Marc van Sambeek  
**Panel:** E. Sebastian Debus, Piero Montorsi, Horst Sievert |
| 10:25 - 10:30 | 12 month results from a prospective real-world multicenter clinical practice of CAS using the CGuard Embolic Prevention system: the IRONGUARD 2 study  
Pasqualino Sirignano |
| 10:30 - 10:55 | **Live case transmission from Berlin** |
| 10:55 - 11:00 | Interim 30 day safety outcomes in symptomatic and asymptomatic patients treated with the Roadsaver dual-layer micromesh carotid artery stent: evidence from a large multicentre European ROADSAYER study  
Ralf Langhoff |
| 11:00 - 11:05 | The safety and effectiveness of carotid revascularisation with the Acculink stent and the CGuard stent. Independent randomized study  
Savr Bugurov |
| 11:05 - 11:10 | Proximal protection for carotid artery stenting: a preferred solution for all-comers  
Piero Montorsi |
| 11:10 - 11:15 | Carotid artery revascularisation: a systematic review and meta-analysis comparing clinical outcomes of second vs. first generations stents and CEA  
Adam Mazurek |
| 11:15 - 11:20 | Proximal vs. distal protection for carotid artery stenting: a review of the data  
Eugenio Stabile |
| 11:20 - 11:25 | State of the art medical management of carotid artery disease in the post COMPASS and VOYAGER study era  
Raghu Kolluri |
| 11:25 - 11:30 | **LINC Studio:**  
**Current status of carotid interventions – Part II**  
**Moderators:** Dierk Scheinert, Sabine Steiner  
**Guests:** Sebastian E. Debus, Alberto Cremonesi |
| 11:30 - 12:15 | **SYMPOSIUM: Roadsaver – the power of facts.**  
Dual layer CAS and the growing body of new clinical evidence supported by Terumo  
**Moderator:** Piero Montorsi  
**Panel:** Andrea Kahlberg, Piotr Odrowaz-Pieniazek, Stefan Müller-Hülsebeck |
| 11:30 - 11:33 | Introduction  
Piero Montorsi |
| 11:33 - 11:43 | The vascular surgeon’s perspective: Italian comparative experience of Roadsaver vs. other stents  
Andrea Kahlberg |
| 11:43 - 11:45 | Discussion |
| 11:45 - 11:55 | Carotid artery stenting with 300 Roadsaver stent implantations.  
Early and 4 year results  
Piotr Odrowaz-Pieniazek  
Discussion |
| 11:55 - 11:57 | Roadsaver carotid artery stent for tandem lesions in acute ischemic stroke – the Flensburg experience  
Stefan Müller-Hülsebeck |
| 11:57 - 12:07 | Q&A, discussion, and closure |
| 12:07 - 12:15 | **LINC Studio:**  
**What is best practice in carotid revascularisation**  
**Moderators:** Dierk Scheinert, Sabine Steiner  
**Guests:** Eugenio Stabile, Ralf Kolvenbach, Martin Storck, Ralf Langhoff |
12:30 – 13:15  LUNCH SYMPOSIUM: Sustained limus release will make a difference to your patients supported by Medalliance
Moderators: Michael Lichtenberg, Ehrin Armstrong
Panel: Tjun Tang, Marianne Brodmann
12:30 – 12:35  Introduction  Ehrin Armstrong
12:35 – 12:43  STEP UP with SELUTION SLR  Marianne Brodmann
12:43 – 12:48  Panel discussion
12:48 – 12:56  Importance of “No” Slow Flow Phenomena  Tjun Tang
12:56 – 13:01  Panel discussion
13:09 – 13:15  Panel discussion

13:15 – 13:30  LINC Studio:
The challenge of thrombotic and embolic lesions: Do we need specific strategies?
Moderators: Dierk Scheinert, Sabine Steiner
Guests: Andrej Schmidt, Thomas Zeller, Jos van den Berg

13:30 – 13:45  Peripheral clot management – a paradigm shift in arterial clot removal: surgery to endovascular supported by Penumbra
Speaker: Gianmarco de Donato

13:45 – 13:55  LINC Studio:
What is best for in-stent-restenosis?
Moderators: Dierk Scheinert, Sabine Steiner
Guests: Andrej Schmidt, Thomas Zeller, Koen Deloose, Aloke Finn

13:55 – 15:10  SYMPOSIUM: Spotlight on challenging lower limb cases: tips and tricks for success supported by BD
Moderator: Dierk Scheinert
Panel: Bruno Freitas, Luis Palena, Marc Sirvent
13:55 – 14:03  No increase in all-cause mortality with paclitaxel devices used in lower limb arterial interventions – an interim analysis of SWEDEPAD RCT data
Joakim Nordanstig

14:03 – 14:18  Recorded case: the importance of vessel prep before DCB to fight against CLI recurrence  Luis Palena

14:33 – 14:53  Recorded case: Rotarex™S: Rotational Atherothrombectomy Catheter for an extreme rescue of a previous iliofemoral, endovascular treatment for CTLI  Marc Sirvent

14:53 – 15:10  Q&A, discussion, and conclusion

15:10 – 15:15  LINC Studio:
Moderators: Dierk Scheinert, Sabine Steiner
**SYMPOSIUM: How predictability and evidence lead to proven patient outcomes supported by Cook Medical**

*Moderator: Michael Dake*

*Panel: Thomas Zeller, Carlos Mena-Hurtado, Alope Finn, Michel Bosiers*

- **15:15 – 15:25**
  - When the benefit of Paclitaxel outweigh the risk
  - **Thomas Zeller**

- **15:25 – 15:35**
  - Prediction model for freedom from TLR from a multi-study analysis of long-term results with the Zilver PTX stent
  - **Michael Dake**

- **15:35 – 15:45**
  - How the prediction model impact my daily clinical practice
  - **Carlos Mena-Hurtado**

- **15:45 – 16:15**
  - Live case transmission from Leipzig

- **16:15 – 16:20**
  - Pre-clinical impact of Eluvia
  - **Alope Finn**

- **16:20 – 16:25**
  - Clinical impact of Eluvia
  - **Michel Bosiers**

- **16:25 – 16:30**
  - Q&A, discussion, and conclusion

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**LINC Studio:**

*The challenge of vessel calcification*

*Moderators: Dierk Scheinert, Sabine Steiner*

*Guests: Alope Finn, Thomas Zeller, Andrej Schmidt*

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**CONNECT VIVA/LINC – Calcification: the last frontier in vascular therapy**

*Moderators: Sean Lyden, Maureen Kohi*

*Panel: Raghu Kolluri, Ehrin Armstrong*

- **16:45 – 16:50**
  - Why does it form, what is the pathophysiology and is there a medical treatment on the horizon?
  - **Raghu Kolluri**

- **16:50 – 16:55**
  - Calcium grading systems, which one is most accurate?
  - **Peter Schneider**

- **16:55 – 17:00**
  - What are the best tools to prepare the calcified artery? Atherectomy, serration angioplasty, scoring, lithotripsy
  - **Ehrin Armstrong**

- **17:00 – 17:10**
  - Panel discussion

- **17:10 – 17:40**
  - Live case transmission from Leipzig

*ADVICE ABOUT MANAGING CALCIFICATION IN DIFFERENT VASCULAR BEDS: VESSEL PREP, SCAFFOLDS, DRUG DELIVERY, AND OTHER ISSUES OF PROVIDING DEFINITIVE THERAPY IN THIS CHALLENGING SITUATION*

- **17:40 – 17:45**
  - Carotid
  - **Kenneth Rosenfield**

- **17:45 – 17:50**
  - Aortoiac
  - **Saher Sabri**

- **17:50 – 17:55**
  - SFA-pop
  - **Niten Singh**

- **17:55 – 18:00**
  - Tibial and BTA
  - **Venita Chandra**

- **18:00 – 18:15**
  - Panel discussion

- **18:15 – 18:45**
  - Live case transmission from Kingsport

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**LINC Studio:**

*Current practice with drug-eluting devices*

*Moderators: Dierk Scheinert, Sabine Steiner*

*Guests: Thomas Zeller, Andrej Schmidt*
<table>
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<th>Time</th>
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| 19:00  | **VIVA/LINC – Joint session on the current status and future of drug-eluting therapies**<br>
Moderators: Dierk Scheinert, Peter Schneider<br>
Panel: Andrew Holden, Marianne Brodmann, Robert Lookstein |
| 19:00  | Introduction by the moderators Dierk Scheinert, Peter Schneider     |
| 19:03  | Insights on Paclitaxel safety from the femoral-popliteal RCTs Peter Schneider |
| 19:08  | Insights on Paclitaxel safety from femoral-popliteal real-world data Eric Secemsky |
| 19:13  | How does the Voyager data help us understand the risks of Paclitaxel? Marce Bonaca |
| 19:18  | Paclitaxel safety in patients with CLTI Marianne Brodmann           |
| 19:23  | Newly FDA-approved Paclitaxel devices for lower extremity and dialysis and the regulatory implications Robert Lookstein |
| 19:28  | New data on Paclitaxel in the next couple of years; what should we expect? Eva Freisinger |
| 19:33  | Panel discussion                                                    |
| 19:45  | Paclitaxel vs. limus agents. Mechanism of action, what are the challenges to move beyond Paclitaxel? Sahil Parikh |
| 19:50  | Previous experience with limus compounds in the non-coronary arteries; lessons learned Thomas Zeller |
| 19:55  | New limus delivering devices for above and below knee occlusive disease; when to expect results? Andrew Holden |
| 20:00  | Blue horizon keynote speech: Potential for drug delivery in the treatment of lower extremity occlusive disease: what will the practice look like in 5 years? Dierk Scheinert |
| 20:10  | Panel discussion                                                    |
ROOM 2 – MAIN ARENA 2

Wednesday, 27 January 2021

09:05 – 09:50  Guide wires: You know your skills … do you know your tools?
supported by Abbott Vascular
09:05 – 09:08  Live introduction  Andrej Schmidt
09:08 – 09:13  History of Abbott wires  Jonathan Durcan
09:13 – 09:20  Understanding the technical characteristics of GW  Andrej Schmidt
09:20 – 09:25  Panel discussion
09:25 – 09:45  Case example  Lieven Maene, Jonathan Durcan
09:45 – 09:50  Q&A, discussion, and conclusion

11:30 – 12:25  DEEP DIVE SESSION: Venous interventions
Moderator: Tobias Hirsch
Panel: Rick de Graaf, Houman Jalaie
11:30 – 11:35  Economic burden of venous leg ulcers resulting from underlying deep vein disease,
review of a 7 country cost analysis  Raghu Kolluri
11:35 – 11:40  New classification of pelvic venous disease  Kathleen Gibson
11:40 – 11:45  Interventional management of venous leg ulcers secondary to deep vein obstruction:
rationale and design of the iGuideU randomized controlled trial  Paul Gagne
11:45 – 11:50  Patient profile for iliofemoral venous obstruction: which ones require stenting?
Erin Murphy
11:50 – 11:55  Hip biomechanics and venous stent durability testing  Kush Desai
11:55 – 12:00  Deep venous stenting in the PTS patient  Marta Ramírez Ortega
12:00 – 12:05  Extreme reinterventions for failed iliofemoral venous stents  Rick de Graaf
12:05 – 12:10  Venous disorder case study: iliofemoral occlusion and venous reflux
(deep, pelvic, and superficial)  Marzia Lugli
12:10 – 12:15  The impact of simultaneous GSV and AASV treatment – the SYNCHRONOUS trial
Tobias Hirsch
12:15 – 12:20  Pelvic venous insufficiency: causes classification, diagnosis, and treatment options
Marta Ramírez Ortega
12:20 – 12:25  PCS case discussion  David Beckett
LUNCH SYMPOSIUM: LINC and LEARN: the consistency of intravascular lithotripsy (IVL) across multiple vessel beds supported by Shockwave
Moderator: Thomas Zeller
Panel: Arne Schwindt, Francesco Liistro, George Adams

12:30 – 12:35  Introduction, IVL mechanism of action, and historical perspective  
Thomas Zeller

12:35 – 12:45  Insights from the DISRUPT PAD III RCT in severely calcified fempop lesions  
Arne Schwindt

12:45 – 12:55  DISRUPT PAD III observational study – below-the-knee subset  
George Adams

12:55 – 13:05  IVL – a reliable and efficacious vessel preparation strategy  
Francesco Liistro

13:05 – 13:15  Q&A, discussion, and conclusion
mediAVentures is the exclusive supplier of all multimedia services for the LINC courses. All live case transmissions are co-ordinated, filmed and produced by mediAVentures crew, using the latest in high definition television and wireless technology. As the complete transmission chain (from fluoroscopy to projector) is performed in full HD, the quality of the medical images as seen by the audience is identical to what the operators in the digital cathlab are seeing. Ultrabright projection onto huge screens, interactive panel and audience participation, innovative display techniques and a unique conference support service create a unique teaching experience, making LINC the most comprehensive interventional course available today.

www.mediiAVentures.be
07:00 – 09:00 Challenges in EVAR: focus on aortic dissections and innovations for aortic arch treatment
   partially supported by Gore & Associates
   Moderators: Tilo Kölbel, Andrew Holden
   Panel: Ralf Kolvenbach, Vicente Riambau, Wei Guo, Vikram Puttaswamy
07:00 – 07:25 Live case transmission from Leipzig
07:25 – 07:30 Type A aortic dissection – current knowledge gaps  Michael Borger
07:30 – 07:35 Open and endovascular surgery after frozen elephant trunk for extensive aortic aneurysms  Michael Jacobs
07:35 – 07:40 WeFlow-Arch™: a new modular double inner branch stent graft for endovascular repair of aortic arch pathology  Wei Guo
07:40 – 07:45 Off-the-shelf treatment of aortic arch pathologies with Nexus  Michele Antonello
07:45 – 07:50 The role of in situ fenestration in complex aortic arch repair  Ralf Kolvenbach
07:50 – 07:55 Optimizing TEVAR outcomes in acute and subacute type B aortic dissections, what is the right amount of radial force?  Stefano Fazzini
07:55 – 08:00 Tailoring the treatment of fragile aorta with the Valiant Navion covered seal device: my clinical experience in TBAD  Theodoros Kratimenos
08:00 – 08:05 Conformability and dissection, is it important?  Joseph Hockley
08:05 – 08:10 Identifying at risk patients: who could benefit from TEVAR in uncomplicated type B dissections  Vikram Puttaswamy
08:10 – 08:15 Short-term results of TEVAR in complicated vs. uncomplicated acute type B aortic dissection: a report from the Gore Global Registry for Endovascular Aortic Treatment (GREAT)  Santi Trimarchi
08:15 – 08:20 Meeting an unmet need: the DISSECT-N trial  Robin Hendricus Heijmen
08:20 – 08:25 Treatment approaches for the distal landing zone for type B dissection  Andrew Holden
08:25 – 08:30 Multicentre data on the usage of large covered stents in aortic blisters/PAU instead of an EVAR device  Nikolaos Tsilimparis
08:30 – 08:50 Live case transmission from Universitätsklinik für Herzchirurgie Leipzig, Leipzig
08:50 – 09:00 Q&A, discussion, and conclusion

09:00 – 09:15 LINC Studio:
   Start into day 4
   Moderators: Dierk Scheinert, Daniela Branzan
   Guest: Tilo Kölbel

09:15 – 10:15 SYMPOSIUM: EVAR imaging innovations for a safer treatment
   supported by Siemens Healthineers
   Moderator: Eric Verhoeven
   Panel: Hayato Morimura, Michael Moche, Maani Hakimi
09:15 – 09:20 Introduction
09:20 – 09:25 Artificial intelligence algorithm for an automated assessment of the thoracic aorta  Johannes Rückel
09:25 – 09:30 Coil embolization of internal iliac arteries before EVAR: experience with fusion imaging  Hayato Morimura
09:30 – 10:00 Live case transmission from Münster
10:00 – 10:05 Preconditioning before EVAR with multimodality imaging for embolisation of aortic side branches  Michael Moche
10:05 – 10:10 Ultra low dose EVAR: first results  Maani Hakimi
10:10 – 10:15 Q&A, discussion, and conclusion
10:15 – 10:45  
**LINC Studio:**
**Strategies for optimizing EVAR and reduction of complications**
*Moderators: Dierk Scheinert, Daniela Branzan*
*Guests: Andrej Schmidt, Eric Verhoeven, Tilo Kölbel*

10:45 – 12:15  
**Advanced concepts for Thoracic Endovascular Aortic Repair (TEVAR)**
*Moderators: Marc van Sambeek, Jean-Pierre Becquemin*
*Panel: Martin Malina, Martin Austermann, Dittmar Böckler*

10:45 – 10:51  
Fiber Optic RealShape (FORS) technology: 3D device guidance in practice
*Tilo Kölbel*

10:51 – 10:57  
Clinical relevance of dynamic 4D analysis in the thoracic aorta throughout the cardiac cycle
*Frans Moll*

10:57 – 11:03  
Addressing unmet clinical needs with a new generation TEVAR device: practical application of the Valiant Navion
*Götz Richter*

11:03 – 11:09  
Valiant Navion: what have we learned about this next Generation TEVAR device: 1 year results from the global clinical trial and new morphetry insights
*Fabio Verzini*

11:09 – 11:15  
A multi-center, independent, real-world study of the Valiant Navion stent graft
*Giovanni Tinelli*

11:15 – 11:45  
Live case transmission from Paris

11:45 – 11:51  
Durable thoracic outcome throughout 5 year clinical follow up
*Nimesh Desai*

11:51 – 11:57  
3 years of experience in more than 100 patients using TAG conformable with active control: what did we learn?
*Dittmar Böckler*

11:57 – 12:03  
Endoanchors in TEVAR: how this application can add confidence to your practice
*Robin Hendricus Heijmen*

12:03 – 12:09  
How does the Advanta V12 make a difference and leads the way
*Tilo Kölbel*

12:09 – 12:15  
Q&A, discussion, and conclusion

12:15 – 12:20  
**LINC Studio:**
**Endovascular repair of the thoracic aorta and the arch**
*Moderators: Dierk Scheinert, Daniela Branzan*
*Guests: Michael Borger, Andrej Schmidt, Tilo Kölbel*

12:20 – 13:15  
**LUNCH SYMPOSIUM: From benchtop to bedside:**
**elevating EVAR and TEVAR through Medtronic technologies**
supported by Medtronic
*Moderators: Vicente Riambau, Jean-Paul de Vries*
*Panelists: Hence Verhagen, Vikram Puttaswamy, Yamume Tshomba*

12:20 – 12:30  
Why sac regression matters: how our experience with Endurant informs our practice
*Hence Verhagen*

12:30 – 12:40  
How to approach challenging necks with off-the-shelf solutions
*Vikram Puttaswamy*

12:40 – 12:50  
New features associated with Valiant Navion covered seal that tailor fragile aorta treatment
*Yamume Tshomba*

12:50 – 13:15  
Discussion, Q&A

13:15 – 13:20  
**LINC Studio:**
*Moderators: Dierk Scheinert, Daniela Branzan*
13:20 – 14:50  **EVAR for Thoracoabdominal Aortic Aneurysms (TAAA)**  
*Moderators: Giovanni Torsello, Stéphan Haulon  
Panel: Eric Verhoeven, Mauro Gargiulo, Piotr Kasprzak*

13:20 – 13:28  Knowledge driven approach to manage TAAAs  
*Tara Mastracci*

13:28 – 13:48  **Live case transmission from Hamburg**

13:48 – 13:56  Overcoming challenging TAAAs anatomies with CMD endografts  
*Luca Bertoglio*

13:56 – 14:01  How to handle the specific anatomical issues in post-dissection-TAAA  
*Eric Verhoeven*

14:01 – 14:06  Advantages of balloon expandable covered bridging stents in F/B/EVAR procedures: which one is best and why  
*Mauro Gargiulo*

14:06 – 14:11  The E-nside inner branches technology – an approach to make TAAA-EVAR more efficient?  
*Alexander Zimmermann*

14:11 – 14:16  Multicentre (London/Nuremberg) clinical experience in BEVAR procedures – what do new devices offer me as a surgeon  
*Said Abisi*

14:16 – 14:25  **Live case transmission from Hamburg**

14:25 – 14:30  Insight in the German BEVAR approval study to get bridging stents approved for the indication  
*Martin Austermann*

14:30 – 14:35  New Advanta FEVAR and BEVAR long-term data  
*Eric Verhoeven*

14:35 – 14:40  Respiratory-induced dynamics of the BeGraft stent in FEVAR  
*Christopher Cheng*

14:40 – 14:45  Spinal cord protection by selective spinal artery coil embolization – update on the PAPA-ARTIS trial  
*Christian Etz*

14:45 – 14:50  Open TAAA repair in patients with connective tissue disorders  
*Roberto Chiesa*

14:50 – 14:55  **LINC Studio:**  
*Moderators: Dierk Scheinert, Daniela Branzan*
**Thursday, 28 January 2021 (cont.)**

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<tr>
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<tbody>
<tr>
<td>14:55 – 16:10</td>
<td>SYMPOSIUM: Cook thoracic solution – expand your treatment options</td>
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<td>supported by Cook Medical</td>
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<td><strong>Moderator:</strong> Eric Verhoeven</td>
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<td><strong>Panel:</strong> Nikolaos Tsilimparis, Germano Melissano, Nilo Mosquera</td>
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<tr>
<td>14:55 – 15:00</td>
<td>Introduction</td>
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<td>15:00 – 15:08</td>
<td>Zenith Alpha TAA: why Alpha TAA is my preferred thoracic endograft</td>
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<td><strong>Nikolaos Tsilimparis</strong></td>
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<td>15:08 – 15:38</td>
<td>Live case transmission from Münster – part I</td>
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<td>15:38 – 15:46</td>
<td>Zenith Alpha TAA: clinical outcomes after 5 years of follow up</td>
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<td><strong>Germano Melissano</strong></td>
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<td>15:46 – 15:54</td>
<td>For emergent and standard cases: Zenith t-Branch does the job</td>
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<td><strong>Nilo Mosquera</strong></td>
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<td>15:54 – 16:00</td>
<td>Live case transmission from Münster – part II</td>
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<td>16:00 – 16:10</td>
<td>Q&amp;A</td>
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<td>16:10 – 16:15</td>
<td>LINC Studio:</td>
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<td><strong>Moderators:</strong> Dierk Scheinert, Daniela Branzan</td>
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<td>16:15 – 18:00</td>
<td>Current concepts, innovations, and open questions in EVAR</td>
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<td>of complex infrarenal aortoiliac aneurysms</td>
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<td><strong>Moderators:</strong> Giovanni Torsello, Frank Veith</td>
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<td><strong>Panel:</strong> Armando Lobato, Eric Verhoeven, Konstantinos Donas</td>
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<td>16:15 – 16:40</td>
<td>Live case transmission from Paris</td>
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<td>16:40 – 16:45</td>
<td>Best practices and technical learning on the on-label treatment of</td>
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<td>challenging necks: The EXCel registry</td>
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<td><strong>Marc van Sambeek</strong></td>
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<td>16:45 – 16:50</td>
<td>Contemporary options for treating juxtarenal aneurysm when</td>
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<td>infrarenal sealing is not enough</td>
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<td><strong>Konstantinos Donas</strong></td>
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<td>16:50 – 16:55</td>
<td>EndoAnchors can facilitate and maintain successful standard EVAR for</td>
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<td>AAAs with challenging proximal necks</td>
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<td><strong>Luis Mariano Ferreira</strong></td>
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<td>16:55 – 17:00</td>
<td>FEVAR technique – a case presentation</td>
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<td>17:00 – 17:05</td>
<td>4xFEVAR: is it always needed to stent the celiac artery?</td>
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<td><strong>Eric Verhoeven</strong></td>
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<td>17:05 – 17:10</td>
<td>Data on the 3 year clinical results of BeGraft in FEVAR</td>
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<td><strong>Stéphan Haulon</strong></td>
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<td>17:10 – 17:15</td>
<td>Insight in the German FEVAR approval study to get bridging stents</td>
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<td><strong>Eric Verhoeven</strong></td>
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<td>17:15 – 17:20</td>
<td>WeFlow-JAAA™: a new uncustomized device for juxtarenal AAA</td>
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<td>17:20 – 17:25</td>
<td>Type II endoleak and aortic aneurysm sac shrinkage after pre-emptive</td>
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<td>embolization of aneurysm sac side branches</td>
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<td></td>
<td><strong>Daniela Branzan</strong></td>
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<td>17:25 – 17:40</td>
<td>Live case transmission from Leipzig</td>
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<td>17:40 – 17:45</td>
<td>How stent graft design influences overall AAA sac dynamics and</td>
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<td>overall therapy success</td>
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<td><strong>Ross Milner</strong></td>
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<td>17:45 – 17:50</td>
<td>EVAR long term perspectives: facts and figures from the GREAT registry</td>
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<td>experience at 5 years</td>
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<td><strong>Chandler Long</strong></td>
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<td>17:50 – 17:55</td>
<td>How and why do the Endurant endograft results for EVAR in France</td>
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<td>differ from the global results: what are the implications</td>
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<td><strong>Jean-Pierre Becquemin</strong></td>
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<td>17:55 – 18:00</td>
<td>How sac regression at 1 year affects all-cause mortality through 5</td>
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<td>year: key insights from the ENGAGE registry</td>
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<td><strong>Michel Reijnen</strong></td>
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<td>18:00 – 18:10</td>
<td>LINC Studio:</td>
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<td>Strategies to avoid type II endoleaks</td>
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<td><strong>Moderators:</strong> Dierk Scheinert, Daniela Branzan</td>
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<td><strong>Guests:</strong> Piotr Kasprzak, Andrej Schmidt, Frans Moll</td>
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18:10 – 18:55  How should you approach patients with a vasculogenic erectile dysfunction? supported by Concept Medical  
Moderators: Roxana Mehran, Giuseppe Sangiorgi  
Panel: Theodosios Bisdas

18:10 – 18:17  Vasculogenic erectile dysfunction: we don’t ask, they don’t talk  
Roxana Mehran

18:17 – 18:24  How cardiologists should approach the patients with ED  
Giuseppe Sangiorgi

18:24 – 18:31  Treatment of erectile dysfunction: from pills to balloons and stents  
Nicolas Diehm

18:31 – 18:39  Recorded case presentation  
Giuseppe Sangiorgi

18:39 – 18:47  Recorded case presentation  
Nicolas Diehm

18:47 – 18:55  Panel discussion and conclusion

18:55 – 19:00  LINC Studio:  
Moderator: Dierk Scheinert

19:00 – 20:30  SYMPOSIUM: Complex femoropopliteal lesions and new treatment options supported by BD  
Moderator: Dierk Scheinert  
Panel: Miguel Montero-Baker, George Adams, Andrej Schmidt

19:00 – 19:30  Live case transmission from Leipzig

19:30 – 19:50  Prevalence of mixed morphology pathology within peripheral arterial disease  
Miguel Montero-Baker

19:50 – 20:10  Overview of the Rotarex™ rotational atherectomy system  
Miguel Montero-Baker

20:10 – 20:30  Case review from US center  
George Adams
09:15 – 10:40  
**Overcoming paclitaxel with sirolimus in PAD**  
partially supported by Concept Medical  
Paclitaxel issues and comparison with Sirolimus  
Konstantinos Katsanos  
Pre Clinical Sirolimus and paclitaxel comparison  
Aloke Finn  
Opportunity with Sirolimus balloon in US market  
Sahil Parikh  
Live case transmission from Singapore

10:45 – 12:00  
**DEEP DIVE SESSION: Innovations and new techniques in embolization therapies**  
Moderators: Ulf Teichgräber, Walter Wohlgemuth  
Panel: Costantino del Giudice, Marcus Katoh  
10:45 – 10:51  
Embolization against the clock – strategies and techniques  
in the management of hemorrhage  
Marcus Treitl
10:51 – 10:57  
Hemorrhoids: embolic therapy to address bleeding, inflammation, and pain  
Gloria Salazar
10:57 – 11:03  
Bariatric embolization  
Bernhard Gebauer
11:03 – 11:09  
Preoperative embolization of soft tissue sarkomas  
René Aschenbach
11:09 – 11:15  
New therapeutic options for osteoarthritis  
Marcus Katoh
11:15 – 11:21  
French SEAL registry update: Type II endoleak treatment outcomes using  
a liquid embolic agent  
Costantino del Giudice
11:21 – 11:27  
Peripheral AVMs: clinical considerations for determining embolic selection  
Walter Wohlgemuth
11:27 – 11:33  
Pulmonary AVMs: different embolic agents and potential impact on clinical  
outcomes  
Clifford Weiss
11:33 – 11:48  
Recorded case presentation: AVM-treatment  
Walter Wohlgemuth
11:48 – 12:00  
Q&A, discussion, and conclusion

12:30 – 13:15  
**LUNCH SYMPOSIUM: Mastering challenges in lower limb interventions**  
supported by Terumo  
Moderator: Michael Lichtenberg  
Panel: Eric Ducasse, David Shaw, Koen Deloose  
12:30 – 12:35  
Introduction  
Michael Lichtenberg
12:35 – 12:45  
CASE DISCUSSION: Tips and tricks for lesion crossing in patient  
with complex CLI  
Eric Ducasse
12:45 – 12:55  
CASE DISCUSSION: Endovascular treatment of challenging fem-pop  
occlusive disease  
David Shaw
12:55 – 13:05  
Introducing dual layer micromesh, a new era in fempop interventions  
Koen Deloose
13:05 – 13:15  
Q&A, discussion, and closure
07:00 – 09:00  Novel techniques for treatment of complex BTK disease in CLI
Moderators: Jos van den Berg, Steven Kum
Panel: Roberto Ferraresi, Andrew Holden, Luis Palena

07:00 – 07:30  ■ Live case transmission from 301 General Hospital of PLA, Beijing
07:30 – 07:35  Tips and tricks for optimal angiographic imaging of BTK and foot arteries
Marco Manzi
07:35 – 07:40  Indirect vs. direct revascularisation for CLI treatment: best practice in 2021
Roberto Ferraresi
07:40 – 07:45  Balloon angioplasty of infrapopliteal arteries: a proposed algorithm
for optimal endovascular treatment  Ehrin Armstrong
07:45 – 07:50  Is bigger better in BTK arteries? The role luminal gain and how to achieve it?
Steven Kum
07:50 – 07:55  The PRELUDE-BTK study: novel serration angioplasty balloon for below-the-knee arteries  Andrew Holden
07:55 – 08:25  ■ Live case transmission from Abano Terme
08:25 – 08:30  Dissection repair in below-the-knee: evidence review and learnings from the TOBA II BTK trial  Michael Lichtenberg
08:30 – 08:35  Where do we stand with DCB therapy in BTK arteries?  Francesco Liistro
08:35 – 08:40  The drug-coated temporary spur stent system: innovation in drug delivery
for treating CLI  Jihad Mustapha
08:40 – 08:45  XTOSI 12 month results: Xtreme Touch-Neo (MagicTouch PTA) Sirolimus coated balloon for peripheral arterial disease  Edward Choke
08:45 – 08:50  BTK interventions in 2025: what is going to help to make BTK procedures
more effective?  William Gray
08:50 – 09:00  Discussion and conclusion

09:00 – 09:15  LINC Studio:
Start into day 5 – Advanced techniques for BTK interventions
Moderators: Dierk Scheinert, Sabine Steiner
Guests: Marianne Brodmann, Jos van den Berg, Francesco Liistro, Steven Kum
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>09:15-10:30</td>
<td><strong>SYMPOSIUM: Guidewire strategy for difficult BTK recanalisation</strong> supported by Asahi Intecc</td>
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<td><strong>Moderator:</strong> Roberto Ferraresi</td>
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<td><strong>Panel:</strong> Koen Deloose, Ralf Langhoff, Daniel van den Heuvel</td>
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<td>09:15-09:20</td>
<td>Introduction <strong>Roberto Ferraresi</strong></td>
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<td>09:20-09:30</td>
<td>Selecting the right wire for the right case <strong>Koen Deloose</strong></td>
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<td>09:30-09:40</td>
<td>Crossing tough CTOs <strong>Ralf Langhoff</strong></td>
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<td>09:40-09:50</td>
<td>My experience with Gladius MG PV <strong>Daniel van den Heuvel</strong></td>
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<td>09:50-10:20</td>
<td>Live case transmission from Leipzig</td>
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<td>10:20-10:30</td>
<td>Q&amp;A, discussion, and conclusion</td>
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<td>10:30-10:45</td>
<td><strong>LINC Studio:</strong> Revascularization strategies in CLI-interventions</td>
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<td><strong>Moderators:</strong> Dierk Scheinert, Sabine Steiner</td>
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<td><strong>Guests:</strong> Steven Kum, Roberto Ferraresi, Marianne Brodmann</td>
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<td>10:45-12:15</td>
<td><strong>Pioneering techniques and new data for CLI treatment</strong></td>
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<td><strong>Moderators:</strong> Roberto Ferraresi, Marianne Brodmann</td>
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<td><strong>Panel:</strong> Steven Kum, Jean-Paul de Vries, Giacomo Clerici</td>
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<td>10:45-10:50</td>
<td>CO₂ angiography guided interventions in critical limb ischemia: how to do it? <strong>Luis Palena</strong></td>
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<td>10:50-11:20</td>
<td>Live case transmission from Abano Terme</td>
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<td>11:20-11:25</td>
<td>Medial artery calcification (MAC) and its relevance for wound healing and limb salvage <strong>Roberto Ferraresi</strong></td>
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<td>11:25-11:30</td>
<td>Imaging techniques to determine tissue perfusion in critical limb ischemia <strong>Marianne Brodmann</strong></td>
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<td>11:30-11:35</td>
<td>Applicability of hyperspectral imaging to determine tissue perfusion in peripheral arterial disease <strong>Jean-Paul de Vries</strong></td>
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<td>11:35-11:40</td>
<td>The concept of deep venous arterialization (DVA) – how do DVA results compare with standard revascularisation techniques? <strong>Miguel Montero-Baker</strong></td>
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<td>11:40-11:55</td>
<td>Recorded case: deep venous arterialization <strong>Andrej Schmidt</strong></td>
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<td>11:55-12:00</td>
<td>Comparison of outcomes from the latest LimFlow data from the PROMISE I (12 month data) and ALPS (24 month data) <strong>Peter Schneider</strong></td>
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<td>12:00-12:05</td>
<td>Post DVA patient management and wound care strategy <strong>Giacomo Clerici</strong></td>
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<td>12:05-12:10</td>
<td>DVA tips/tricks and lessons learned <strong>Daniel van den Heuvel</strong></td>
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<td>12:10-12:15</td>
<td>Discussion and conclusion</td>
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<td>12:15-12:30</td>
<td><strong>LINC Studio:</strong> Options for no-option patients: Deep venous arterialization and beyond</td>
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Friday, 29 January 2021

ROOM 1 – MAIN ARENA 1

12:30 – 13:15  LUNCH SYMPOSIUM: Highest quality of care in complex EVAR procedure with advanced imaging techniques from planning to follow up supported by Philips
   Moderator: Marc Schermerhorn
   Panel: Kak Khee Yeung, Henrik Sillesen, Jörg Tefarek

12:30 – 12:44  Improving EVAR outcome from planning to live using new generation of Azurion platform  Kak Khee Yeung

12:44 – 12:55  Improving AAA measurement accuracy using innovative ultrasound 3D volume model automation and xMATRIX  Henrik Sillesen

12:55 – 13:05  New Generation Mobile C-Arms. Do they meet the needs for safe and reliable EVAR  Jörg Tefarek

13:05 – 13:15  Q&A, discussion, and closure

13:15 – 13:20  LINC Studio:  
   Moderators: Dierk Scheinert, Sabine Steiner

13:20 – 14:45  Endovascular solutions and innovative approaches for challenging aortic pathologies
   Moderators: Martin Austermann, Frank Veith
   Panel: Daniela Branzan, Jean-Pierre Becquemin, Giovanni Pratesi

FOCUS ON AORTOILIAC ANEURYSMS


13:25 – 13:30  Aortic endografting with iliac side branch devices – lessons learned from the largest international registry (pELVIS)  Giovanni Torsello


13:35 – 13:55  Live case transmission from Hamburg

FOCUS ON RUPTURED AND MYCOTIC ANEURYSM

13:55 – 14:00  Evolution of EVAR as the treatment of choice for ruptured AAAs  Frank Veith

14:00 – 14:05  Effect of centralization on ruptured abdominal aortic aneurysm outcomes  Vicente Riambau

14:05 – 14:10  Best practice for EVAR of ruptured aortic aneurysms  Andrej Schmidt

14:10 – 14:15  Ruptured TAAA: how I do it  Roberto Chiesa

14:15 – 14:20  Advanced concepts for EVAR of acute thoracoabdominal aneurysms  Daniela Branzan

14:20 – 14:25  Mycotic aneurysms revisited: 20 year experience with non-radical treatment  Martin Malina

14:25 – 14:30  Minimizing dose in complex EVAR procedures  Blandine Maurel-Desanlis

14:30 – 14:40  Live case transmission from Hamburg

14:40 – 14:45  Q&A, discussion, and conclusion

14:45 – 14:50  LINC Studio:  
   Pioneering techniques for emergency EVAR cases  
   Moderators: Dierk Scheinert, Sabine Steiner
   Guest: Daniela Branzan
Friday, 29 January 2021

**DEEP DIVE SESSION: Management of AV-access obstructions**
*Moderators: Robert Lookstein, Jos van den Berg
Panel: Jeffrey Hull, Robert Jones, Henrik Sillesen*

14:50 – 14:55  Restoring arteriovenous access: pilot study using a scoring balloon in 50 patients  
*John Ross*

14:55 – 15:00  Ultrasound guided PTA of AV fistula – improve care for your patients and increase capacity of your angiosuite  
*Henrik Sillesen*

15:00 – 15:05  The IN.PACT AV access trial – the data so far  
*R. Lookstein*

15:05 – 15:10  Safety and efficacy of drug eluting balloon angioplasty of dialysis fistula: 12 month outcomes from a randomized clinical trial with Passeo-18 Lux  
*Éric Thérasse*

15:10 – 15:15  1 year results from the MA.1gicTouch Intervention leap for dialysis access – the MATILDA trial  
*Tjun Tang*

15:15 – 15:20  The role of balloon angioplasty and stent-grafts in my treatment algorithm for hemodialysis access salvage  
*Daniel Patel*

15:20 – 15:25  Treating AVF lesions in the cephalic arch: cases and context  
*Jeffrey Hull*

15:25 – 15:30  Management of cephalic arch stenosis: have stent-grafts become the gold standard?  
*R. Jones*

15:30 – 15:35  Maturation for hemodialysis in the Ellipsys registry  
*Jeffrey Hull*

15:35 – 15:40  **LINC Studio:**  
*Moderators: Dierk Scheinert, Sabine Steiner*

15:40 – 16:55  **SYMPOSIUM: Revolutionary arteriovenous fistula creation: an endovascular approach**  
*Supported by BD
Moderator: Matteo Tozzi
Panel: Nicholas Inston, Robert Jones, Ounali Jaffer, Panagiotis Kitrou*

15:40 – 15:45  Covid a catalyst for change: expanding your dialysis access options  
*Nicholas Inston*

15:45 – 15:55  Proven clinical results of AVF creation with WavelinQ™ EndoAVF System  
*R. Jones*

15:55 – 16:02  First time announcement of clinical study protocols:  
1.) The WavelinQ™ arterio-venous endovascular fistula: A global, post-market investigation (WAVE-Global)  
*Nicholas Inston*

2.) Post-market surveillance study of the WavelinQ™ EndoAVF system (CONNECT-AV)  
*Nicholas Inston*

16:02 – 16:17  **Recorded case:** WavelinQ™ EndoAVF creation with a radial-radial wrist access  
*Ounali Jaffer*

16:17 – 16:25  Panel discussion

16:25 – 16:40  **Recorded case:** WavelinQ™ EndoAVF creation with a brachial-basilic access  
*Panagiotis Kitrou*

16:40 – 16:55  Panel discussion
Room 1 – Main Arena 1

Friday, 29 January 2021

16:55 – 17:00
LINC Studio:

Moderators: Dierk Scheinert, Sabine Steiner

17:00 – 18:15

Innovative concepts for peripheral interventions
Moderators: Theodosios Bisdas, Marianne Brodmann
Panel: Giancarlo Biamino, Ralf Langhoff, Spiridon Botsios

17:00 – 17:05
Enabling procedural support and skill advancement during the Covid19 pandemic: remote real time training and proctoring on a low latency streaming platform
Konstantinos Stavroulakis

17:05 – 17:10
Effect of drug therapy on the incidence of embolic complications of reconstructive interventions on the carotid arteries
Olesia Osipova

17:10 – 17:15
Assessment of carotid plaque morphology using photoacoustic imaging
Marc van Sambeek

17:15 – 17:30
Live case transmission from Leipzig

17:30 – 17:35
Combining TCAR reversed flow with mesh covered carotid stents: can the outcome be as good as open surgery?
Ralf Kolvenbach

17:35 – 17:40
Improving your safety profile through proximal protection: experiences from a high volume carotid artery stenting center
Horst Sievert

17:40 – 17:45
CGuard™ MicroNet covered stent: accumulative clinical evidences
Piotr Musialek

FOCUS ON CAROTID DISEASE

17:45 – 17:50
The role of IVUS in contemporary endovascular treatment
Osamu Iida

17:50 – 18:10
Live case transmission from Münster

18:10 – 18:15
Discussion and conclusion
Congress production

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