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.)

**ROOM 1 – MAIN ARENA 1**

**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
**ROOM 1 – MAIN ARENA 1**

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<thead>
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<th>Time</th>
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| 13:15 – 14:10 | **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 |
| 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 |
| 14:10 – 14:20 | **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

  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
**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

15:15 – 15:20 Introduction
15:20 – 15:28 Utilizing complementary imaging modalities to guide strategy and optimize outcomes
Daniel van den Heuvel
15:28 – 15:36 The ABCs of intravascular imaging in contemporary lower limb revascularisation
Osamu Iida
15:36 – 15:56 Live case transmission from Arnsberg
15:56 – 16:04 An optimized angioplasty paradigm: image guided dissection detection and management with a first of its kind dissection repair device
Nicolas Shammas
16:04 – 16:24 Recorded case presentation: See clearly treat optimally masterclass
John Rundback
16:24 – 16:30 Discussion and conclusion

**LINC Studio:**
Beyond angiography: IVUS and OCT in clinical routine
Moderator: Dierk Scheinert
Guests: Andrej Schmidt, Arne Schwindt, Michael Lichtenberg

**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

16:45 – 17:45 FLASH PRESENTATION:
Vici venous stent — clinical outcomes and patency at 3 years.
Results from the Arnsberg venous registry
Michael Lichtenberg

Q&A, discussion, and closure

**LINC Studio:**
Venous Interventions: Where do we stand?
Moderator: Dierk Scheinert
Guests: Gerry O’Sullivan, Michael Jaff, Nils Kucher, Raghu Kolluri

**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

18:00 – 18:05 Introduction
Gianmarco de Donato
18:05 – 18:20 Aortoiliac occlusive complex disease: how to treat TASC CD
Michele Antonello
18:20 – 18:35 Challenging iliac occlusive cases treated with covered stents
Tomislav Stojanovic
18:35 – 18:50 Recorded case presentation: iliac occlusive disease treated with GORE® VIABAHN® VBX balloon expandable endoprosthesis
Jorge Fernández Noya
18:50 – 19:00 Discussion and conclusion
Gianmarco de Donato
**LUNCH SYMPOSIUM: Custom solutions: innovation through collaboration**
supported by Terumo Aortic
Moderator: Mohammad Hamady
Panel: Rob Williams, Lydia Hanna, Martin Czerny

12:30 – 12:35 Introduction
12:35 – 12:45 Fenestrated Anaconda: delivering longterm efficacy – the DeFiNe series  
Rob Williams
12:45 – 12:55 Custom relay proximal scallop – midterm to longterm outcomes  
Lydia Hanna
12:55 – 13:05 RelayBranch – early and midterm results  
Martin Czerny
13:05 – 13:15 Q&A, discussion, and conclusion
| Time | Event                                                                                           |
|------|------------------------------------------------------------------------------------------------|---|
| 07:00 – 08:13 | **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 – 07:06 | What is vessel preparation and why is it important? Fabrizio Fanelli                                   |   |
| 07:06 – 07:12 | Minimising dissection with the Chocolate balloon Min-yi Yin                                          |   |
| 07:12 – 07:18 | Directional atherectomy as a vessel preparation tool – evidence and practice Brian DeRubertis         |   |
| 07:18 – 07:26 | Panel discussion                                                                                      |   |
| 07:26 – 08:01 | **Live case transmission from Guangzhou**                                                            |   |
| 08:01 – 08:07 | Efficacy of IN.PACT Admiral DCB – highlights of the IN.PACT Admiral clinical program Yi Yang          |   |
| 08:07 – 08:13 | My “leave nothing behind” algorithm Xin Jia                                                          |   |
| 08:13 – 09:00 | **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 – 08:19 | DES vs. DCB+BMS are they the same? Insights from the REACT study Koen Deloose                       |   |
| 08:19 – 08:48 | **Live case transmission from Leipzig**                                                              |   |
| 08:48 – 08:54 | The transition from open endarterectomy to interventional treatment of the CFA – how far have we come? Martin Malina |   |
| 08:54 – 09:00 | Interventional treatment of the common femoral artery – update on the PESTO trial Thomas Zeller          |   |
| 09:00 – 09:05 | **LINC Studio:**  
  **Start into day 2**  
  **Moderators:** Dierk Scheinert, Sabine Steiner                                                      |   |
| 09:05 – 10:20 | **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  
  12 month results of MagicTouch XTOSI trial for SFA and BTK disease Edward Choke  
  MagicTouch PTA in BTK and SFA disease – case reviews and discussion Edward Choke  
  Updates on FUTURE-SFA and FUTURE-BTK randomised controlled trials Jackie Ho  
  **Live case transmission from Berlin**  
  Discussion / SIRONA Ulf Teichgräber  
  SirPAD – the largest randomised trial with a Sirolimus coated balloon for peripheral arterial disease treatment Stefano Barco  
  Debate BTK DuelL trials Francesco Liistro  
  Discussion and conclusion                                                                                          |   |
| 10:20 – 10:25 | **LINC Studio:**  
  **The challenge of venous interventions**  
  **Moderator:** Dierk Scheinert  
  **Guest:** Andrej Schmidt                                                   |   |
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<th>Time</th>
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<tr>
<td>10:25</td>
<td><strong>Acute deep vein thrombosis and post-thrombotic syndrome</strong>&lt;br&gt;<strong>Moderators:</strong> Rick de Graaf, Michael Lichtenberg&lt;br&gt;<strong>Panel:</strong> Gerard O’Sullivan, Tim Sebastian, Stefano Barco, Rolf Engelberger, Christian Erbel</td>
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<td>10:25</td>
<td>Live case transmission from Zurich</td>
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<td>10:45</td>
<td>COVID-19 and venous thromboembolism&lt;br&gt;Stefano Barco</td>
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<td>10:51</td>
<td>Mechanical thrombectomy techniques for iliofemoral DVT&lt;br&gt;Rolf Engelberger</td>
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<td>10:57</td>
<td>3 year clinical outcomes of dedicated nitinol stents for acute deep vein thrombosis, post-thrombotic syndrome and non-thrombotic iliac vein lesions&lt;br&gt;Tim Sebastian</td>
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<td>11:03</td>
<td>The TOPOS study: 1 year clinical outcomes of a hybrid oblique nitinol stent for PTS patients with common iliac vein compression&lt;br&gt;Christian Erbel</td>
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<td>11:09</td>
<td>Antithrombotic therapy after venous stents&lt;br&gt;Raghu Kolluri</td>
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<td>11:40</td>
<td>Live case transmission from Zurich</td>
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<td>11:45</td>
<td>Interventional management of AV-shunt and central vein stenoses&lt;br&gt;<strong>Moderators:</strong> Dierk Scheinert, Sabine Steiner</td>
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<td>11:45</td>
<td>Pioneering approaches and new data: focus on venous and AV-shunt treatment&lt;br&gt;<strong>Moderators:</strong> Marianne Brodmann, Michael Lichtenberg&lt;br&gt;<strong>Panel:</strong> Robert Shahverdian, Tobias Steinke</td>
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<td>11:45</td>
<td>FIRST TIME DATA RELEASE: The IN.PACT AV access trial: subset outcomes through 12 month&lt;br&gt;Andrew Holden</td>
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<td>11:50</td>
<td>The IN.PACT AV access trial: economic outcomes&lt;br&gt;Robert Lookstein</td>
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<td>11:55</td>
<td>VIVO clinical study: Zilver Vena stent – 12 month results&lt;br&gt;Lawrence Hofmann</td>
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<td>12:00</td>
<td>Data from the ABRE study: clinical patient presentations in iliofemoral venous outflow obstruction – aDVT, PTS, NIVL&lt;br&gt;Erin Murphy</td>
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<td>12:05</td>
<td>FIRST TIME DATA RELEASE: Retrospective comparison of surgical AV access fistula creation vs. pAVF creation&lt;br&gt;Robert Shahverdyan</td>
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<td>12:10</td>
<td>Pulmonary embolism management: percutaneous mechanical thrombectomy for acute PE&lt;br&gt;supported by Penumbra&lt;br&gt;<strong>Speaker:</strong> Juan José Ciampi Dopazo</td>
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<td>12:25</td>
<td>LINC Studio: Pulmonary embolism management: A perspective on the role of mechanical thrombectomy&lt;br&gt;<strong>Moderators:</strong> Dierk Scheinert, Sabine Steiner&lt;br&gt;<strong>Guests:</strong> Kenneth Rosenfield, Juan José Ciampi Dopazo</td>
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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
13:06 – 13:11 Panel discussion
13:11 – 13:15 Q&A, discussion, and conclusion

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
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
**ROOM 1 – MAIN ARENA 1**

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**Tuesday, 26 January 2021 (cont.)**

**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**

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**16:35 – 16:40  LINC Studio:**

**The challenge of venous interventions**

*Moderators: Dierk Scheinert, Sabine Steiner*

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**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 iliofemoral venous occlusion in a patient with PAD**  *Houman Jalaie*

17:35 – 17:55  **Panel discussion**

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**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  
  **Marc 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
  **Nimesh Desai**
- 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
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
07:00 – 09:00 LINC 2021 CONNECT – joint session with JET
partially supported by BD
Moderators: Dierk Scheinert, Hiroyoshi Yokoi
Panel: Kazushi Urasawa, Giancarlo Biamino, Ralf Langhoff

07:00 – 07:35 Live case transmission from Amagasaki
07:35 – 07:40 CTO technique and the step-up PTA approach Kazushi Urasawa
07:40 – 07:45 Subintimal recanalisation of peripheral occlusive disease with IVUS guided true lumen re-entry Igor Rafael Sincos
07:45 – 07:50 The challenge of treating multivessel disease to preserve future treatment options: a case example Erwin Blessing
07:50 – 07:55 Japan update: optimal strategies for vessel preparation and DCB usage Daizo Kawasaki
07:55 – 08:00 Update on Paclitaxel safety from the results of Japanese patients analysis Masato Nakamura
08:00 – 08:05 Treatment strategy for fempop critical limb-threatening ischemia Tatsuya Nakama

08:05 – 08:45 Live case transmission from Leipzig
08:45 – 08:50 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
08:50 – 08:55 IVUS guided atherectomy and DCB of calcified infrapopliteal disease: PRESTIGE trial update Michael Lichtenberg
08:55 – 09:00 Rotational atherectomy in common femoral artery – endovascular treatment in a difficult-to-treat 'surgical' territory Grigorios Korosoglou

09:00 – 09:05 LINC Studio:
Start into day 3
Moderators: Dierk Scheinert, Sabine Steiner

09:05 – 10:20 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, Ounali Jaffer, Tze Tec Chong
09:05 – 09:13 Why Sirolimus coated balloons are a better option for AVF interventions: the MagicTouch solution Aloke Finn
09:13 – 09:38 Existing data of AVG + recorded case Chieh Suai Tan
09:38 – 09:43 Discussion Chieh Suai Tan
09:43 – 10:08 MATILDA + AVF recorded case Tjun Tang
10:08 – 10:20 Discussion and conclusion

10:20 – 10:25 LINC Studio:
Current status of carotid interventions – Part I
Moderators: Dierk Scheinert, Sabine Steiner
Guests: Sebastian E. Debus, Alberto Cremonesi, Alison Halliday
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 Roadraver dual-layer micromesh carotid artery stent: evidence from a large multicentre European ROADSAVER 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, Alison Halliday

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-Hülsbeck

11:33 – 11:43  The vascular surgeon’s perspective: Italian comparative experience of Roadraver vs. other stents  Andrea Kahlberg

11:43 – 11:45  Discussion
11:45 – 11:55  Carotid artery stenting with 300 Roadraver stent implantations. Early and 4 year results  Piotr Odrowaz-Pieniazek

11:55 – 11:57  Discussion
11:57 – 12:07  Roadsaver carotid artery stent for tandem lesions in acute ischemic stroke – the Flensburg experience  Stefan Müller-Hülsbeck

12:07 – 12:15  Q&A, discussion, and closure

12:15 – 12:30  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

13:01 – 13:09  Why to choose Sirolimus for my CLI patients?  
Michael Lichtenberg

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

14:18 – 14:33  **Recorded case:** Chronic in-stent re-occlusion left SFA  
Sven Bräunlich

14:33 – 14:53  **Recorded case:** Rotarex™S: Rotational Atherothrombectomy Catheter for an extreme rescue of a previous iliofemop, 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
15:15 – 16:30 SYMPOSIUM: How predictability and evidence lead to proven patient outcomes supported by Cook Medical
Moderator: Michael Dake
Panel: Thomas Zeller, Carlos Mena-Hurtado, Alok 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 Alok Finn
16:20 – 16:25 Clinical impact of Eluvia Michel Bosiers
16:25 – 16:30 Q&A, discussion, and conclusion
16:30 – 16:45 LINC Studio: The challenge of vessel calcification
Moderators: Dierk Scheinert, Sabine Steiner
Guests: Alok Finn, Thomas Zeller, Andrej Schmidt

16:45 – 18:45 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? Tbd
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 Aortoiliac 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

18:45 – 19:00 LINC Studio: Current practice with drug-eluting devices
Moderators: Dierk Scheinert, Sabine Steiner
Guests: Thomas Zeller, Andrej Schmidt
19:00 – 20:20 **VIVA/LINC – Joint session on the current status and future of drug-eluting therapies**  
*Moderators: Dierk Scheinert, Peter Schneider*  
*Panel: Andrew Holden, Marianne Brodmann, Robert Lookstein*

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| 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?   |
|       | *Marc 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                                                         |
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.

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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
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<td>10:15</td>
<td>LINC Studio:</td>
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<tr>
<td>10:15</td>
<td>Strategies for optimizing EVAR and reduction of complications</td>
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<tr>
<td>10:15</td>
<td>Moderators: Dierk Scheinert, Daniela Branzan</td>
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<td>10:15</td>
<td>Guests: Andrej Schmidt, Michael Jacobs, Eric Verhoeven, Tilo Kölbel</td>
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<td>10:45</td>
<td>Advanced concepts for Thoracic Endovascular Aortic Repair (TEVAR)</td>
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<td>Moderators: Marc van Sambeek, Jean-Pierre Becquemin</td>
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<td>10:45</td>
<td>Panel: Martin Malina, Martin Austermann, Dittmar Böckler</td>
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<td>10:45</td>
<td>Fiber Optic RealShape (FORS) technology: 3D device guidance in practice</td>
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<td>10:45</td>
<td>Tilo Kölbel</td>
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<td>10:51</td>
<td>Clinical relevance of dynamic 4D analysis in the thoracic aorta throughout the cardiac cycle</td>
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<td>10:57</td>
<td>Addressing unmet clinical needs with a new generation TEVAR device: practical application of the Valiant Navion</td>
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<td>Götz Richter</td>
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<td>11:03</td>
<td>Valiant Navion: what have we learned about this next Generation TEVAR device: 1 year results from the global clinical trial and new morphmetry insights</td>
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<td>11:09</td>
<td>A multi-center, independent, real-world study of the Valiant Navion stent graft</td>
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<td>Durable thoracic outcome throughout 5 year clinical follow up</td>
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<td>11:57</td>
<td>3 years of experience in more than 100 patients using TAG conformable with active control: what did we learn?</td>
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<td>11:57</td>
<td>Endoanchors in TEVAR: how this application can add confidence to your practice</td>
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<td>12:09</td>
<td>How does the Advanta V12 make a difference and leads the way</td>
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<td>Q&amp;A, discussion, and conclusion</td>
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<td>Endovascular repair of the thoracic aorta and the arch</td>
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<td>Guests: Michael Borger, Andrej Schmidt, Tilo Kölbel</td>
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<td>12:20</td>
<td>LUNCH SYMPOSIUM: From benchtop to bedside: elevating EVAR and TEVAR through Medtronic technologies supported by Medtronic</td>
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<td>12:20</td>
<td>Why sac regression matters: how our experience with Endurant informs our practice</td>
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<td>12:20</td>
<td>How to approach challenging necks with off-the-shelf solutions</td>
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<td>New features associated with Valiant Navion covered seal</td>
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<td>Discussion, Q&amp;A</td>
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**Room 1 – Main Arena 1**

**Thursday, 28 January 2021 (cont.)**

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| 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**  
Luca Bertoglio |
| 13:48 – 13:56 | Overcoming challenging TAAAs anatomy with CMD endografts  
Eric Verhoeven |
| 13:56 – 14:01 | How to handle the specific anatomical issues in post-dissection-TAAA  
Mauro Gargiulo |
| 14:01 – 14:06 | Advantages of balloon expandable covered bridging stents in F/B/EVAR  
Mauro Gargiulo |
| 14:06 – 14:11 | The E-nside inner branches technology – an approach to make TAAA-EVAR  
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**  
Said Abisi |
| 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 |
14:55 – 16:10  SYMPOSIUM: Cook thoracic solution – expand your treatment options
 supported by Cook Medical
 Moderator: Eric Verhoeven
 Panel: Nikolaos Tsilimparis, Germano Melissano, Nilo Mosquera
 14:55 – 15:00  Introduction  Eric Verhoeven
 15:00 – 15:08  Zenith Alpha TAA: why Alpha TAA is my preferred thoracic endograft  Nikolaos Tsilimparis
 15:08 – 15:38  Live case transmission from Münster – part I
 15:38 – 15:46  Zenith Alpha TAA: clinical outcomes after 5 years of follow up  Germano Melissano
 15:46 – 15:54  For emergent and standard cases: Zenith t-Branch does the job  Nilo Mosquera
 15:54 – 16:00  Live case transmission from Münster – part II
 16:00 – 16:10  Q&A

16:10 – 16:15  LINC Studio:
 Moderators: Dierk Scheinert, Daniela Branzan

16:15 – 18:00  Current concepts, innovations, and open questions in EVAR of complex infrarenal aortoiliac aneurysms
 Moderators: Giovanni Torsello, Frank Veith
 Panel: Armando Lobato, Eric Verhoeven, Konstantinos Donas
 16:15 – 16:40  Live case transmission from Paris
 16:40 – 16:45  Best practices and technical learning on the on-label treatment of challenging necks: The EXCeL registry  Marc van Sambeek
 16:45 – 16:50  Contemporary options for treating juxtarenal aneurysm when infrarenal sealing is not enough  Konstantinos Donas
 16:50 – 16:55  EndoAnchors can facilitate and maintain successful standard EVAR for AAAs with challenging proximal necks  Luis Mariano Ferreira
 16:55 – 17:00  FEVAR technique – a case presentation  Eric Ducasse
 17:00 – 17:05  4xFEVAR: is it always needed to stent the celiac artery?  Eric Verhoeven
 17:05 – 17:10  Data on the 3 year clinical results of BeGraft in FEVAR  Stéphan Haulon
 17:10 – 17:15  Insight in the German FEVAR approval study to get bridging stents approved for the indication  Eric Verhoeven
 17:15 – 17:20  WeFlow-JAAA™: a new uncustomized device for juxtarenal AAA  Wei Guo
 17:20 – 17:25  Type II endoleak and aortic aneurysm sac shrinkage after pre-emptive embolization of aneurysm sac side branches  Daniela Branzan
 17:25 – 17:40  Live case transmission from Leipzig
 17:40 – 17:45  How stent graft design influences overall AAA sac dynamics and overall therapy success  Ross Milner
 17:45 – 17:50  EVAR long term perspectives: facts and figures from the GREAT registry experience at 5 years  Chandler Long
 17:50 – 17:55  How and why do the Endurant endograft results for EVAR in France differ from the global results: what are the implications  Jean-Pierre Becquemin
 17:55 – 18:00  How sac regression at 1 year affects all-cause mortality through 5 year: key insights from the ENGAGE registry  Michel Reijnen

18:00 – 18:10  LINC Studio:
 Strategies to avoid type II endoleaks
 Moderators: Dierk Scheinert, Daniela Branzan
 Guests: Piotr Kasprzak, Andrej Schmidt, Frans Moll
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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 |
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| 09:15 – 10:40 | **Overcoming paclitaxel with sirolimus in PAD** supported by Concept Medical  
Paclitaxel issues and comparison with Sirolimus  
Pre Clinical Sirolimus and paclitaxel comparison  
Opportunity with Sirolimus balloon in US market  
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  
Embolization against the clock – strategies and techniques in the management of hemorrhage Marcus Treitl  
Hemorrhoids: embolic therapy to address bleeding, inflammation, and pain Gloria Salazar  
Bariatric embolization Bernhard Gebauer  
Preoperative embolization of soft tissue sarkomas René Aschenbach  
New therapeutic options for osteoarthritis Marcus Katoh  
French SEAL registry update: Type II endoleak treatment outcomes using a liquid embolic agent Costantino del Giudice  
Peripheral AVMs: clinical considerations for determining embolic selection Walter Wohlgemuth  
Pulmonary AVMs: different embolic agents and potential impact on clinical outcomes Clifford Weiss  
Recorded case presentation: AVM-treatment Walter Wohlgemuth |
| 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  
Introduction Michael Lichtenberg  
CASE DISCUSSION: Tips and tricks for lesion crossing in patient with complex CLI Eric Ducasse  
CASE DISCUSSION: Endovascular treatment of challenging fem-pop occlusive disease David Shaw  
Introducing dual layer micromesh, a new era in fem-pop interventions Koen Deloose  
Q&A, discussion, and conclusion |
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_
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| 09:15 - 10:30 | **SYMPOSIUM: Guidewire strategy for difficult BTK recanalisation**  
                        supported by Asahi Intecc  
                        **Moderator:** Roberto Ferraresi  
                        **Panel:** Koen Deloose, Ralf Langhoff, Daniel van den Heuvel |
| 09:15 - 09:20 | Introduction  
                        **Roberto Ferraresi** |
| 09:20 - 09:30 | Selecting the right wire for the right case  
                        **Koen Deloose** |
| 09:30 - 09:40 | Crossing tough CTOs  
                        **Ralf Langhoff** |
| 09:40 - 09:50 | My experience with Gladius MG PV  
                        **Daniel van den Heuvel** |
| 09:50 - 10:20 | Live case transmission from Leipzig |
| 10:20 - 10:30 | Q&A, discussion, and conclusion |
| 10:30 - 10:45 | **LINC Studio:**  
                        **Revascularization strategies in CLI-interventions**  
                        **Moderators:** Dierk Scheinert, Sabine Steiner  
                        **Guests:** Steven Kum, Roberto Ferraresi, Marianne Brodmann |
| 10:45 - 12:15 | **Pioneering techniques and new data for CLI treatment**  
                        **Moderators:** Roberto Ferraresi, Marianne Brodmann  
                        **Panel:** Steven Kum, Jean-Paul de Vries, Giacomo Clerici |
| 10:45 - 10:50 | CO² angiography guided interventions in critical limb ischemia: how to do it?  
                        **Luis Palena** |
| 10:50 - 11:20 | Live case transmission from Abano Terme |
| 11:20 - 11:25 | Medial artery calcification (MAC) and its relevance for wound healing and limb salvage  
                        **Roberto Ferraresi** |
| 11:25 - 11:30 | Imaging techniques to determine tissue perfusion in critical limb ischemia  
                        **Marianne Brodmann** |
| 11:30 - 11:35 | Applicability of hyperspectral imaging to determine tissue perfusion in peripheral arterial disease  
                        **Jean-Paul de Vries** |
| 11:35 - 11:40 | The concept of deep venous arterialization (DVA) – how do DVA results compare with standard revascularisation techniques?  
                        **Miguel Montero-Baker** |
| 11:40 - 11:55 | Recorded case: deep venous arterialization  
                        **Andreas Schmidt** |
| 11:55 - 12:00 | Comparison of outcomes from the latest LimFlow data from the PROMISE I (12 month data) and ALPS (24 month data)  
                        **Peter Schneider** |
| 12:00 - 12:05 | Post DVA patient management and wound care strategy  
                        **Giacomo Clerici** |
| 12:05 - 12:10 | DVA tips/tricks and lessons learned  
                        **Daniel van den Heuvel** |
| 12:10 - 12:15 | Discussion and conclusion |
| 12:15 - 12:30 | **LINC Studio:**  
                        **Options for no-option patients: Deep venous arterialization and beyond**  
                        **Moderators:** Dierk Scheinert, Sabine Steiner  
                        **Guests:** Steven Kum, Roberto Ferraresi, Jean-Paul de Vries, Daniela Branzan |
**ROOM 1 – MAIN ARENA 1**

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| 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 Teßarek |
| 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 Teßarek |
| 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**  
13:20 – 13:25  
Clinical results and technical learnings in challenging iliac aneurysmatic disease  
Jorge Fernández Noya  
13:25 – 13:30  
Aortic endografting with iliac side branch devices – lessons learned from the largest international registry (pELVIS) Giovanni Torsello  
13:30 – 13:35  
IceBERG registry: improving patient health care with hypogastric preservation Michel Reijnen  
13:35 – 13:55  
Live case transmission from Hamburg  
**FOCUS ON RUPTURED AND MYCOTIC ANEURYSMS**  
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 |
14:50 – 15:35  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  
Robert 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 MAWeapon 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?  
Robert 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  
Robert 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**

**16:55 – 17:00**

**LINC Studio:**
*Moderators: Dierk Scheinert, Sabine Steiner*

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**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*

**FOCUS ON CAROTID DISEASE**

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 COMPLEX FEMORO-POPLITEAL LESIONS**

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 organisation**

**ConGO**

Congress Organisation and More GmbH
CEO Antonie Jäger

Ruffinistrasse 16
80637 Munich
Germany

Phone: +49 89 23 75 74–65
Fax: +49 89 23 75 74–70
E.mail: info@cong-o.com

www.cong-o.com

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**Congress production**

**Provascular GmbH**
CEO Joshua Hartmann

Paul-List-Straße 11
04103 Leipzig
Germany

Phone: +1 302–786–6231
Fax: +1 646–514–5454
E.mail: jhartman@hmpglobal.com

www.provascular.de