

PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C

Steven Kum

Page 1/17

Tuesday, January 30, 2018

ROOM 1 - MAIN ARENA 1

- 09:30 – 11:00** **Latest results with new technologies for femoropopliteal obstructions: drug-eluting devices, atherectomy and new implants**
MODERATOR:
Dierk Scheinert
PANEL:
Marianne Brodmann
Thomas Zeller
Steven Kum
Wei Guo
- 09:30 – 09:35 EFFPAC–RCT: Final 6-months results with the Luminor DCB in femoropopliteal lesions
Dierk Scheinert
- 09:35 – 09:40 ILLUMENATE EU RCT: 2-year results with the Stellarex DCB in femoropopliteal lesions
Marianne Brodmann
- 09:40 – 09:45 FIRST TIME DATA RELEASE: CONSEQUENT RCT: 2-year results with the SeQuent Please OTW DCB
Thomas Albrecht
- 09:45 – 09:50 FIRST TIME DATA RELEASE: IN.PACT Japan RCT of DCB vs. PTA: 2-year results
Osamu Iida
- 09:50 – 09:55 FIRST TIME DATA RELEASE: ILLUMENATE GLOBAL: 2-year results of the Stellarex DCB in femoropopliteal lesions
Thomas Zeller
- 09:55 – 10:00 DANCE trial (ATX and PTA groups) – 2-year results
George Adams
- 10:00 – 10:05 Long term durability of DCB treatment in the SFA: 4-year results of the IN.PACT SFA study
John Laird
- 10:05 – 10:10 Outcomes of DCB use in real-world patients: 2-year results from the IN.PACT global registry
Marianne Brodmann
- 10:10 – 10:15 FIRST TIME DATA RELEASE: LUTONIX long lesion study: 2-year outcomes
Martin Banyai

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PROGRAMME

LEIPZIG INTERVENTIONAL COURSE



LIN C

Steven Kum

Page 2/17

Tuesday, January 30, 2018

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|---------------|--|
| 10:15 – 10:20 | FIRST TIME DATA RELEASE: COMPARE-Pilot RCT: 1-year results of a randomised comparison of RANGER DCB vs. IN.PACT DCB in complex SFA lesions Dierk Scheinert |
| 10:20 – 10:25 | FIRST TIME DATA RELEASE: Outcomes of DCB use in femoropopliteal lesions of patients with CLI (RCC4/5): Subgroup analysis of IN.PACT global study Michel Reijnen |
| 10:25 – 10:35 | PROMISE AND LIMITATIONS OF DCB – WHAT HAVE WE LEARNED? |
| 10:25 – 10:30 | DCB from a preclinical perspective: The relevance of paclitaxel dose and coating integrity Juan Fernando Granada Solis |
| 10:30 – 10:35 | DCB from a clinical perspective: What is proven and where are the open questions and limitations? Marc Bosiers |
| 10:35 – 10:40 | Panel discussion |
| 10:40 – 10:45 | Update on the TOBA studies in the femoropopliteal arteries Christian Wissgott |
| 10:45 – 10:50 | FIRST TIME DATA RELEASE: LOCOMOTIVE All Comers Study with the VascuFlex Multi-LOC spot stenting device: 12-month results Klaus Amendt |
| 10:50 – 10:55 | FIRST TIME DATA RELEASE: 1-year results from the MIMICS-2 Study; US, German, and Japanese experience with the BioMimics 3D stent Thomas Zeller |
| 10:55 – 11:00 | Discussion and conclusion |

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C

Steven Kum

Page 3/17

Tuesday, January 30, 2018

ROOM 6 - SPEAKERS' CORNER

- 12:30 – 13:30** **Update on clinical trials and new data – PVD/ BTK/ CLI**
MODERATOR:
Jihad Mustapha
PANEL:
Miguel Montero-Baker
Steven Kum
- 12:30 – 12:35 36-month results from the absorb BTK study
Ramon Varcoe
- 12:35 – 12:40 6-month results of real-life use of the latest generation of balloon expandable DES in below-the-knee treatment
Peter Goverde
- 12:40 – 12:45 Below-the-knee balloon angioplasty with and without non-selective stem cells infusion in treatment of critical limb ischemia
Shahram Izadpanahmadsaraee
- 12:45 – 12:50 Statin therapy and amputation-free survival in CLI patients: insights from the CRITISCH registry
Theodosios Bisdas
- 12:50 – 12:55 Peroneal artery angioplasty as a single runoff vessel for foot revascularisation in patients with critical limb ischemia
Abdelrahman Mohammed
- 12:55 – 13:00 Real-world experience with a paclitaxel-coated balloon for the treatment of atherosclerotic infrainguinal arteries. 12-month results of the BIOLUX P-III all comers registry in critical limb ischemia patients
Thomas Zeller
- 13:00 – 13:05 1-year outcomes of peripheral vascular intervention in critical limb ischemia patients: Sub-analysis of the LIBERTY 360 study
Jihad Mustapha
- 13:05 – 13:10 Update on the BEST-CLI trial
Matthew Menard

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C



Steven Kum

Page 4/17

Tuesday, January 30, 2018

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|---------------|---|
| 13:10 – 13:15 | The relation of 2D perfusion angiography after below-the-knee intervention and wound healing in patients with critical limb ischemia – single center prospective study Shinya Sasaki |
| 13:15 – 13:20 | Interim results from the OMNIA study – utilisation of micro oxygen sensors during CLI therapy Miguel Montero-Baker |
| 13:20 – 13:30 | Discussion and conclusion |

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C

Steven Kum

Page 5/17

Tuesday, January 30, 2018

ROOM 5 - GLOBAL EXPERT EXCHANGE

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|---------------|--|
| 15:00 – 16:30 | CLI-Therapies-LINCed – Multidisciplinary case studies from centres of excellence <i>MODERATOR:</i> Marianne Brodmann Steven Kum <i>PANEL:</i> Osamu Iida Michiel Schreve |
| 15:00 – 15:18 | MANAGING THE INFECTED WOUND |
| 15:00 – 15:12 | How do you prioritize revascularisation vs. treatment of infection – presentation and a case example Michiel Schreve |
| 15:12 – 15:18 | Questions and answers |
| 15:18 – 15:36 | ANGIOSOME DIRECTED THERAPY |
| 15:18 – 15:30 | Angiosome concept – myth or truth? Does it make a real difference in “real world” cases? Presentation and a case example Osamu Iida |
| 15:30 – 15:36 | Questions and answers |
| 15:36 – 15:54 | THE "MOTHER OF ALL CLIs" – THE RUTHERFORD 6 WOUND |
| 15:36 – 15:48 | Managing R6 wounds – the utility of multi-vessel revascularisation and inflow strategies – presentation and a case example Peter Schneider |
| 15:48 – 15:54 | Questions and answers |
| 15:54 – 16:12 | CLI IN DIALYSIS – A SPECIAL BREED OF PATIENTS |
| 15:54 – 16:06 | Plantar arch and below-the-ankle angioplasty – who, when, and how? Presentation and a case example Marco Manzi |
| 16:06 – 16:12 | Questions and answers |
| 16:12 – 16:30 | END STAGE NO OPTION CLI – MAKING SWEET DESSERT OUT OF THE DESERT FOOT |

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C



Steven Kum

Page 6/17

Tuesday, January 30, 2018

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|---------------|--|
| 16:12 – 16:24 | Percutaneous deep venous arterialisation with the LimFlow procedure – presentation and a case example Marianne Brodmann |
| 16:24 – 16:30 | Questions and answers |

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C

Steven Kum

Page 7/17

Wednesday, January 31, 2018

ROOM 1 - MAIN ARENA 1

08:00 – 09:30 **Below-the-knee revascularisation: Current status, challenges, and future outlook**

MODERATOR:

Dierk Scheinert
Peter Schneider

PANEL:

Jihad Mustapha
Steven Kum
Kazushi Urasawa
Osamu Iida

- 08:00 – 08:05 Comprehensive meta-analysis of endovascular versus bypass for critical limb ischemia – is bypass obsolete?
Konstantinos Katsanos
- 08:05 – 08:10 Three-year outcomes of surgical vs. endovascular revascularisation for critical limb ischemia: The Surgical reconstruction vs. Peripheral Intervention in patients with critical limb ischemia (SPINACH) study
Osamu Iida
- 08:10 – 08:17 Retrograde tibial puncture has changed our algorithm for crossing tibial lesions in CLI: How and when to do it?
Peter Schneider
- 08:17 – 08:24 Advanced crossing and wiring techniques in BTK vessels
Hiroyoshi Yokoi
- 08:24 – 08:51 Live case transmission from Leipzig
University Hospital Leipzig, Dep. Angiology - Live case center
- 08:51 – 08:58 Technical considerations for successful use of DCBs in BTK arteries: Lessons learned from preclinical studies
Jihad Mustapha
- 08:58 – 09:03 Update on the LUTONIX BTK Global Registry: First look at 300 patient interim follow up data
Dierk Scheinert

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C



Steven Kum

Page 8/17

Wednesday, January 31, 2018

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|---------------|--|
| 09:03 – 09:10 | Patterns of vessel calcification in BTK arteries and implications for vessel preparation and atherectomy Jihad Mustapha |
| 09:10 – 09:15 | Update on the Optimize BTK trial (Atherectomy with the CSI atherectomy catheter in combination with DCB in calcified BTK lesions) Marianne Brodmann |
| 09:15 – 09:20 | Lithoplasty – also an option for calcified BTK vessels? Update on the Shockwave BTK study Thomas Zeller |
| 09:20 – 09:25 | Update on TOBA below-the-knee Marianne Brodmann |
| 09:25 – 09:30 | Adventitial drug therapy below-the-knee: Update on LIMBO and TANGO Ehrin Armstrong |

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C



Steven Kum

Page 9/17

Wednesday, January 31, 2018

ROOM 7 - SPEAKERS' CORNER

11:00 – 12:30

Selected abstracts original research – AV/venous

MODERATOR:

Klaus Mathias

Steven Kum

11:00 – 11:05

A prospective, multi-center, randomised controlled trial evaluating the safety and efficacy of the paclitaxel releasing peripheral balloon dilatation catheter (APERTO OTW) for the treatment of arteriovenous fistulae stenosis in patients undergoing hemodialysis

Qizhuang Jin

11:05 – 11:10

Aspiration thrombectomy of dialysis fistulas thrombosis

Clément Marcelin

11:10 – 11:15

Balloon angioplasty with selective stenting strategy in treatment of hemodialysis related central vein occlusive lesions

Mahmoud Saleh

11:15 – 11:20

Focal force balloon plus drug eluting balloon new strategy for vascular access stenosis

Marco Franchin

11:20 – 11:25

Outcomes comparison of chest wall arteriovenous grafts and lower extremity arteriovenous grafts in patients with long-standing renal failure

Jie Yin

11:25 – 11:30

Current trend in West of Ireland for initiating dialysis in chronic renal failure patients

Mohammed Elkassaby

11:30 – 11:35

Catheter-directed fragmentation with local thrombolytic therapy and anticoagulant therapy in patients with intermediate-high-risk pulmonary embolism

Pavel Ignatenko

11:35 – 11:40

Mid-term results of catheter-directed foam sclerotherapy combined with tumescent local anesthesia for treatment of great saphenous vein incompetence

Haitham Ali

11:40 – 11:45

The v-block occlusion stent for varicose vein treatment

Ralf Kolvenbach

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C



Steven Kum

Page 10/17

Wednesday, January 31, 2018

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|---------------|--|
| 11:45 – 11:50 | Compression therapy and endovenous treatment of Klippel-Trenaunay syndrome Jie Yin |
| 11:50 – 11:55 | Therapy of varicose veins in patients with severe comorbidities Beatrix Cucuruz |
| 11:55 – 12:00 | Risk of venous stenting across the inguinal ligament on occlusion of great saphenous vein Houman Jalaie |
| 12:00 – 12:05 | Histological changes following closure FAST treatment Karin Brachmann |
| 12:05 – 12:10 | Acute upper extremity deep vein thrombosis-effectiveness of SVC filter Sohiel Nagib |
| 12:10 – 12:15 | Role of inferior vena cava filter insertion prior to thrombolysis of acute ilio femoral deep venous thrombosis Mohamed Ismail |
| 12:15 – 12:30 | Discussion and conclusion |

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C



Steven Kum

Page 11/17

Wednesday, January 31, 2018

ROOM 5 - GLOBAL EXPERT EXCHANGE

14:15 – 16:00

DEEP DIVE SESSION: Endovenous therapies – Part I

MODERATOR:

Nils Kucher
Stephen Black

PANEL:

Steven Kum
Rick de Graaf

14:15 – 14:39

FOCUS ON IVC FILTERS

14:15 – 14:22

Pros and cons of IVC filter implantation: What are the established indications?

Robert Lookstein

14:22 – 14:27

Challenging case: Massive thromboembolism trapped in IVC filter during total hip replacement arthroplasty

Yang Jin Park

14:27 – 14:34

Tips and tricks for challenging and complex IVC filter

Fakhir Elmasri

14:34 – 14:39

To worry or not to worry with a ruptured inferior vena cava post IVC filter removal

Christopher Stout

14:39 – 16:00

FOCUS ON DEEP VEIN RECANALISATION

14:39 – 14:46

CTV vs. MRV for imaging of venous disease

Jos van den Berg

14:46 – 15:01

Recorded case presentation

Nils Kucher

15:01 – 15:08

Assessing the CFV – do I need to perform an endophlebectomy or not

Antonio Rosales

15:08 – 15:15

Where to include IVUS in optimal venous diagnostic treatment pathway

Erin Murphy

15:15 – 15:22

Radiation dose in venous procedures how do we actively reduce this

Gerard O'Sullivan

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C



Steven Kum

Page 12/17

Wednesday, January 31, 2018

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|---------------|--|
| 15:22 – 15:29 | Is there a place for endovascular therapy of acute venous thrombosis after ATTRACT? Oliver Schlager |
| 15:29 – 15:36 | Single session pharmaco-mechanical venous thrombectomy – how to do it! Gerard O'Sullivan |
| 15:36 – 15:43 | Evidence on mechanical thrombectomy for iliofemoral DVT Michael Lichtenberg |
| 15:43 – 15:50 | Assessing adequate clot removal after lysis – when are you done and decision making in what stent Stephen Black |
| 15:50 – 16:00 | Discussion and conclusion |

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C



Steven Kum

Page 13/17

Thursday, February 01, 2018

ROOM 1 - MAIN ARENA 1

08:00 – 09:30 **The last frontiers: Extreme BTK interventions**

MODERATOR:

Peter Schneider
Roberto Ferraresi

PANEL:

Hiroyoshi Yokoi
Olaf Bakker
Miguel Montero-Baker
Steven Kum
Antonio Micari

- 08:00 – 08:20 Live case transmission from Leipzig
University Hospital Leipzig, Dep. Angiology - Live case center
- 08:20 – 08:27 Micro knuckle technique: Quick and easy recanalisation of re-occluded BTK arteries
Kazushi Urasawa
- 08:27 – 08:34 DCB for BTK arteries: New technologies and latest data
Francesco Liistro
- 08:34 – 08:41 Adventitial drug delivery for treatment of infrapopliteal critical limb ischemia
Ehrin Armstrong
- 08:41 – 08:48 When is below-the-ankle angioplasty indicated and how to introduce it into your practice?
Peter Schneider
- 08:48 – 09:09 Live case transmission from Abano Terme
Policlinico Abano Terme - Live case center
- 09:09 – 09:16 Dorsalis pedis artery entrapment: curiosity or clinical issue in CLI patients?
Roberto Ferraresi
- 09:16 – 09:23 How to assess procedural success in complex CLI-settings? Initial OMNIA results: unique tool in the assessment and clinical management of CLI
Marianne Brodmann
- 09:23 – 09:30 Angio-perfusion imaging in CLI-patients with pharmacological and catheter-based interventions?
Can we predict outcome?
Peter Huppert

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C

Steven Kum

Page 14/17

Thursday, February 01, 2018

ROOM 1 - MAIN ARENA 1

09:30 – 11:00 **Symposium: The role of purely mechanical debulking in thrombus containing lesions in arteries and veins**

supported with an educational grant from Straub Medical

MODERATOR:

Gerard O'Sullivan

PANEL:

Bruno Migliara

Miroslav Bulvas

Romarc Loffroy

Steven Kum

09:30 – 09:33 Introduction

09:33 – 09:40 ISR-treatment – The Leipzig experience with purely mechanical debulking
Sven Bräunlich

09:40 – 10:00 Live case transmission from Leipzig
University Hospital Leipzig, Dep. Angiology - Live case center

10:00 – 10:07 Mechanical debulking in bypass occlusions – very fast and highly effective
Bruno Migliara

10:07 – 10:27 Live case transmission from Leipzig
University Hospital Leipzig, Dep. Angiology - Live case center

10:27 – 10:34 Setting up a deep venous service in your hospital
Gerard O'Sullivan

10:34 – 10:41 Our patients with acute proximal DVT – Effective thrombus removal with purely mechanical
thrombectomy can lead to better outcomes
Michael Lichtenberg

10:41 – 11:00 Discussion and conclusion

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C



Steven Kum

Page 15/17

Thursday, February 01, 2018

ROOM 3 - TECHNICAL FORUM

13:30 – 17:00

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

LIVE WITH:

John Rundback
Andrej Schmidt
Marco Manzi
Thomas Zeller

MODERATOR:

Peter Schneider
Jos van den Berg

PANEL:

Marianne Brodmann
Makoto Utsunomiya

Steven Kum

13:30 – 13:36

Aetiology of CLI and the role of perfusion

Jim A. Reekers

13:36 – 13:42

Zero contrast procedures, myth or reality? Pre-interventional workup with no-contrast MR angiography followed by CO₂ angiography

Jos van den Berg

13:42 – 13:48

Priority registry (poor-risk patients with and without revascularisation therapy for critical limb ischemia)

Osamu Iida

14:20 – 14:26

Objective assessment of CLI patients: What about hemodynamic parameters – are they worth anything especially when it comes to end stage no option patients!

Marianne Brodmann

14:26 – 14:32

Change from vessel patency evaluation to evaluation of foot perfusion
Via satellite from Abano Terme

Marco Manzi

14:32 – 14:38

OMNIA Case Results: Lumea Oxygen measurements representative for CLI wound healing prognosis

Martin Werner

15:10 – 15:16

BTK crossing techniques for the “uncrossable lesion”

Tatsuya Nakama

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PROGRAMME

LEIPZIG
INTERVENTIONAL
COURSE

L I N C



Steven Kum

Page 16/17

Thursday, February 01, 2018

- | | |
|---------------|--|
| 15:16 – 15:22 | Immediate and late outcomes of endovascular treatment in Buerger's disease Young-Guk Ko |
| 15:22 – 15:28 | Hybrid arterialization of the venous system in no-option patients with critical limb ischemia Roberto Ferraresi |
| 16:00 – 16:06 | The LimFlow procedure – technical details and current clinical experience in Europe Michael Lichtenberg |
| 16:06 – 16:16 | Recorded case presentation Daniel van den Heuvel |
| 16:16 – 16:22 | Perspective on initial LimFlow experience in the US Peter Schneider |
| 16:54 – 17:00 | Update on current developments in gene and cell therapy for CLI Sigrid Nikol |

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PROGRAMME

LEIPZIG INTERVENTIONAL COURSE

L I N C

The logo for the Leipzig Interventional Course (LINC) features the letters 'L I N C' in a bold, blue, sans-serif font. A large, dark blue, brush-stroke-like graphic element curves behind the letters, starting from the bottom left and sweeping upwards and to the right, passing behind the 'I' and 'N'.

Steven Kum

Page 17/17

Friday, February 02, 2018

ROOM 3 - TECHNICAL FORUM

- 09:00 – 12:30** **“Great saves and big disasters” – Review of challenging cases and complications**
MODERATOR:
Giancarlo Biamino
PANEL:
Steven Kum
Roberto Ferraresi
Hans Krankenberg
- 09:00 – 09:05 Announcement of the winners of the LINC 2018 poster award
- 09:05 – 09:45 Live case transmission from Leipzig
University Hospital Leipzig, Dep. Angiology - Live case center
- 09:45 – 09:52 Successful treatment of CLI (1 month thrombosis of the infrarenal aorta, iliac, SFA, tibial arteries) by hybrid approach (CDT, endarterectomy, thrombectomy, balloon angioplasty of BTK and BTA, stenting of the tibial arteries)
Andrey Ivanov
- 09:52 – 09:59 Limb salvage for CLI due to hopeless complex multiple vascular and bypass occlusion
Takuya Haraguchi
- 09:59 – 10:06 Full revascularisation of diabetic foot affected by CLI with double retrograde approach, using CO₂ as a contrast medium
Paolo Sbarzaglia
- 10:06 – 10:53 Live case transmission from Leipzig
University Hospital Leipzig, Dep. Angiology - Live case center
- 10:53 – 11:00 Percutaneous atherectomy, angioplasty, and stenting at the common femoral artery bifurcation
Chih-Yang Chan
- 11:00 – 12:30 Live case transmission from Leipzig
University Hospital Leipzig, Dep. Angiology - Live case center

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