



Leipzig Perioperative TEE Masterclass

State of the art and beyond

May 12th – 14th, 2025

Program





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GREETINGS

Dear Colleagues,

On behalf of the Herzzentrum Leipzig and the international faculties it is our great pleasure to welcome you to our Leipzig Perioperative TEE Masterclass!

Due to its great success, we are now hosting the event for the fourth time. We look forward to welcoming you directly on site in Leipzig or via live stream.

We will present probe handling, knobology, and TEE imaging in a unique way – live from the operating rooms of Heart Center Leipzig, in outstanding HD quality. You will have a simultaneous view of the TEE image, the probe and the operating echocardiographer on a three-part screen. Over three days we will be broadcasting three parallel interventions in the morning and in the afternoon.

Questions from the auditorium to the echocardiographers in the operating room can be asked directly. Virtual participants will have the opportunity to ask questions via a chat.

This year we will have an even more detailed discussion of the echocardiographic findings with the use of an annotation tool.

As the entire event is recorded, you have the unique of being able to watch all the videos again in the online media library at any time for a year.

On site, you will also benefit from the practical hands-on workshops! Please find more information in the program.



Joerg Ender and Massimiliano Meineri

Heart Center Leipzig



GENERAL INFORMATION

• **VENUE**

Heart Center Leipzig (HCL)

Strümpellstraße 39

04289 Leipzig

Registration at event tent

HERZZENTRUM

LEIPZIG

• **WIFI**

Free WIFI access is available throughout the building.

„Helios-WLAN-frei“

• **SCIENTIFIC COMMITTEE**

Prof. Dr. med. Joerg Ender

Dr. med. Massimiliano Meineri

Heart Center Leipzig

• **CATERING**

Catering is included in the conference fees and will be available for you during break times.

• **ACCREDITATION**

The Leipzig Perioperative TEE Masterclass is accredited with 21 CME credits by the European Accreditation Council for Continuing Medical Education (EACCME®).

The Leipzig Perioperative TEE Masterclass is certified with 27 CME credits at the State Chamber of Physicians of Saxony.

• **NAME TAG**

For access to the lectures and workshops as well as to the exhibition area it is necessary to wear your name badge, which you will receive at the registration counter.



PROGRAM MONDAY

May 12, 2025

08:00 a.m.- **Session 1**

12:00 p.m. Moderators:

Ender, J. (HCL) | Shernan, S. (US-Boston) | Tsang, W. (CA-Toronto)

08:00- **OR 1 - Operation - Ross procedure**

08:30 a.m. *Echocardiographer: Mackensen, B. (US-Seattle) | Protsyk, V. (HCL)*
Surgeon: Dashkevich, A. (HCL) | Vollroth, M. (HCL)

- TEE Assessment for Ross Procedure
- 2D and 3D Aortic Annular Measurements
- 2 D and 3 D Pulmonary Valve measurements

08:30- **OR 3 - Operation - Tricuspid and Mitral Valve Repair**

09:00 a.m. *Echocardiographer: Flo Forner, A. (HCL) | Meineri, M. (HCL)*
Surgeon: Holzhey, D. (HCL)

- Evaluation for surgical TV and MV Repair
- Evaluation of RV Function

09:00- **OR 8 - Operation - Transcatheter Tricuspid Valve Implantation**

10:00 a.m. *Echocardiographer: Nyman, C. (US-Boston) | Elgamal, H. (HCL)*
Interventionalist: Kister, T. (HCL) | Noack, T. (HCL)

- Procedural Guiding with 2D and 3D TEE

10:00- **Coffee Break**

10:30 a.m. with integrated hands-on workshops in the industry exhibition*



10:30- **OR 3 - Operation - Tricuspid and Mitral Valve repair post**

11:00 a.m. *Echocardiographer: Flo Forner, A. (HCL) | Meineri, M. (HCL)*
Surgeon: Holzhey, D. (HCL)

- Evaluation after TV and Mitral repair

11:00 - **OR 8 - Operation - Transcatheter Mitral Valve-in-Valve Implantation**

11:30 a.m. *Echocardiographer: Nicoara A. (US-Morth Carolina) | Elgamal, H. (HCL)*
Interventionalist: Abdelwahab, M. (HCL) | Kister, T. (HCL) | Noack, T. (HCL)

- MV Prosthesis evaluation 2D and 3D
- Transeptal puncture and dilatation
- Catheter guidance 2D and 3D and live MPR

11:30 a.m. - **OR 1 - Operation - Ross Procedure post**

12:00 p.m. *Echocardiographer: Mackensen, B. (US-Washington) | Protsyk, V. (HCL)*
Surgeon: Dashkevich, A. (HCL) | Vollroth, M. (HCL)

- Evaluation post Ross

12:00- **Lunch Break**

01:00 p.m. with integrated hands-on workshops in the industry exhibition*



Note:

A case discussion is planned after each surgery, which is flexible in terms of time.

* Not part of the scientific program



PROGRAM MONDAY

May 12, 2025

01:00-

Session 2

05:00 p.m.

Moderators:

Meineri, M. (HCL) | Bence, J. (GB-Leicester) | Julien, M. (CA-Montreal)

01:00-

OR 1 - Operation - OPCAB

01:30 p.m.

Echocardiographer: Treskatsch, S. (DE-Berlin) | Protsyk, V. (HCL)
Surgeon: Stöger Rodriguez, G. (HCL)

- Hemodynamic Calculations
- Evaluation LV and RV function

01:30-

OR 3 - Operation - Aortic Valve Repair pre CPB

02:00 p.m.

Echocardiographer: Shernan S. (US-Boston) | Flo Forner, A. (HCL)
Surgeon: Borger, M. (HCL)

- 3D MPR Assessment
- AV 3D Reconstruction
- Quantification of AI

02:00-

OR 8 - Operation - Transcatheter Tricuspid Valve Implantation

03:00 p.m.

Echocardiographer: Ender, J. (HCL) | Elgamal, H. (HCL)
Interventionalist: Kister, T. (HCL) | Noack, T. (HCL)

- TV evaluation 2D and 3D
- Assessment of TV Anatomy
- Catheter guidance 2D and 3D and live MPR

03:00-

Coffee Break

03:30 p.m.

with integrated hands-on workshops in the industry exhibition*



03:30-

OR 1 - Operation - OPCAB

04:00 p.m.

Echocardiographer: Treskatsch, S. (DE-Berlin) | Protsyk, V. (HCL)
Surgeon: Stöger Rodriguez, G. (HCL)

- Hemodynamic Calculations

04:00-

OR 3 - Operation - Aortic Valve Repair post CPB

05:00 p.m.

Echocardiographer: Shernan S. (US-Boston) | Flo Forner, A. (HCL)
Surgeon: Borger, M. (HCL)

- Post-repair Assessment

Note:

A case discussion is planned after each surgery, which is flexible in terms of time.

* Not part of the scientific program



PROGRAM TUESDAY

May 13, 2025

08:00 a.m.– **Session 3**

12:00 p.m. Moderators:

Ender, J. (HCL) | Ackermann, M. (ZA-Pretoria) | Berrebi, A (FR-Paris)

08:00– **OR 1 – Operation – Mitral Valve Repair Pre CPB**

08:30 a.m. *Echocardiographer: Julien, M. (CA-Montréal) | Flo Forner, A. (HCL)*
Surgeon: Leontyev, S. (HCL)

- 2D and 3D Evaluation of Mitral Valve Morphology
- 3D Annular Measurements
- Quantification of MR

08:30– **OR 3 – Operation – Replacement Aorta Ascendens and partial Arch** 09:00 a.m. **Pre CPB**

Echocardiographer: Nierich, A. (NL-Zwolle) | Habib Khalil, N. (HCL)
Surgeon: Schröter T. (HCL)

- TEE Visualization asc Aorta and Aortic Arch

09:00– **OR 8 – Operation – TEER Mitral Valve**

10:00 a.m. *Echocardiographer: Tsang, W. (CA-Toronto) | Meineri, M. (HCL)*
Interventionalist: Kister, T. (HCL) | Noack, T. (HCL)

- MV evaluation 2D and 3D
- Multiplane Transseptal Puncture
- Catheter guidance 2D and 3D

10:00– **Coffee Break**

10:30 a.m. with integrated hands-on workshops in the industry exhibition*



10:30– **OR 1 – Operation – Mitral Valve repair Post CPB**

11:00 a.m. *Echocardiographer: Julien, M. (CA-Montréal) | Flo Forner, A. (HCL)*
Surgeon: Leontyev, S. (HCL)

- Assessment of Results

11:00– **OR 8 – Operation – TEER Mitral Valve**

11:30 a.m. *Echocardiographer: Mackensen, B. (US-Seattle) | Sgouropoulou, S. (HCL)*
Interventionalist: Kister, T. (HCL) | Noack, T. (HCL)

- MV evaluation 2D and 3D
- Multiplane Transseptal Puncture
- Catheter guidance 2D and 3D

11:30 a.m. – **OR 3 – Operation – Replacement Aorta Ascendens and Arch Post CPB**

12:00 p.m. *Echocardiographer: Nierich, A. (NL-Zwolle) | Habib Khalil, N. (HCL)*
Surgeon: Schröter T. (HCL)

- Assessment of Results

12:00– **Lunch Break**

01:00 p.m. with integrated hands-on workshops in the industry exhibition*



Note:

A case discussion is planned after each surgery, which is flexible in terms of time.

* Not part of the scientific program



PROGRAM TUESDAY

May 13, 2025

01:00-

Session 4

05:00 p.m.

Moderators:

Meineri, M. (HCL) | Shernan, S. (US-Boston) |

Van der Maaten, J. (NL-Groningen)

01:00-

OR 8 - Operation - TEER Tricuspid Valve

01:30 p.m.

Echocardiographer: Julien, M. (CA-Montréal) | Ender, J. (HCL)

Surgeon: Kister, T. (HCL) | Noack, T. (HCL)

- Procedural Guiding with TEE, 3D and MPR

01:30-

OR 1 - Operation - Complex Mitral valve Repair Pre CPB

02:00 p.m.

Echocardiographer: Berrebi, A. (FR-Paris) | Flo Forner, A. (HCL)

Surgeon: Dashkevich, A. (HCL)

- 3D and MPR Evaluation of Valve Morphology
- Quantification of MI
- 3D MV Models

02:00-

OR 3 - Operation - Bentall/Aortic Valve Replacement

03:00 p.m.

Echocardiographer: Nicoara, A. (US-North Carolina) | Protsyk, V. (HCL)

Interventionalist: Stöger Rodriguez, G. (HCL)

- 3D MPR Assessment
- AV 3D Reconstruction
- Quantification of AI

03:00-

Coffee Break

03:30 p.m.

with integrated hands-on workshops in the industry exhibition*



03:00-

OR 1 - Operation - Complex Mitral valve Repair Post CPB

04:00 p.m.

Echocardiographer: Berrebi, A. (FR-Paris) | Flo Forner, A. (HCL)

Surgeon: Dashkevich, A. (HCL)

- Evaluation of Repair

04:00-

OR 3 - Operation - Bentall/Aortic Valve Replacement

05:00 p.m.

Echocardiographer: Nicoara, A. L. (US-North Carolina) | Protsyk, V. (HCL)

Surgeon: Stöger Rodriguez, G. (HCL)

- Postoperative Assessment

Note:

A case discussion is planned after each surgery, which is flexible in terms of time.

* Not part of the scientific program



PROGRAM WEDNESDAY

May 14, 2025

08:00 a.m.– **Session 5**

12:00 p.m. Moderators:

Ender, J. (HCL) | Mackensen, B. (US-Seattle) | Nicoara, A. (US-Morth Carolina) | Kanchi, M. (IN-Bangalore)

08:00–
08:30 a.m. **OR 3 – Operation – Aortic Valve Replacement Pre CPB**
Echocardiographer: Ackermann, M. (ZA-Pretoria) | Protsyk, V. (HCL)
Surgeon: Kiefer, P. (HCL)

- Evaluation AV and LVOT 3D
- MPR Septal Measurements
- Quantification of LVOT Gradients

08:30–
09:00 a.m. **OR 1 – Operation – LVAD Pre CPB**
Echocardiographer: Van der Maaten, J. (NL-Groningen) | Flo Forner, A. (HCL)
Surgeon: Dashkevich, A. (HCL) | Nozdrzykowski, M. (HCL)

- Comprehensive TEE Examination
- RV Strain measurement
- Assessment of Shunts

09:00–
10:00 a.m. **OR 8 – Operation – TEER Tricuspid Valve and Mitral Valve**
Echocardiographer: Meineri, M. | (HCL) Sgouropoulou, S. (HCL)
Interventionalist: Kister, T. (HCL) | Noack, T. (HCL)

- TV evaluation 2D and 3D
- Assessment of TV Anatomy
- Catheter guidance 2D and 3D and live MPR

10:00–
10:30 a.m. **Coffee Break**
with integrated hands-on workshops in the industry exhibition*



10:30–
11:00 a.m. **OR 3 – Operation – Aortic Valve Replacement Post CPB**
Echocardiographer: Ackermann, M. (ZA-Pretoria) | Protsyk, V. (HCL)
Surgeon: Kiefer, P. (HCL)

- Post surgery evaluation

11:00–
11:30 a.m. **OR 1 – Operation – LVAD post CPB**
Echocardiographer: Van der Maaten, J. (NL-Groningen) | Flo Forner, A. (HCL)
Surgeon: Dashkevich, A. (HCL) | Nozdrzykowski, M. (HCL)

- Assessment of Results

11:30 a.m. –
12:00 p.m. **OR 8 – Operation – TEER Mitral Valve**
Echocardiographer: Sgouropoulou, S. (HCL)
Interventionalist: Kister, T. (HCL) | Noack, T. (HCL)

12:00–
01:00 p.m. **Lunch Break**
with integrated hands-on workshops in the industry exhibition*



Note:

A case discussion is planned after each surgery, which is flexible in terms of time.

* Not part of the scientific program



PROGRAM WEDNESDAY

May 14, 2025

01:00–

Session 6

04:00 p.m.

Moderators:

Meineri, M. (HCL) | Tsang, W. (CA-Toronto) | Fassl, J. (DE-Dresden)

01:00–

OR 1 – Operation – Sinus venosus ASD and Abnormal Pulmonary venous drainage CPB

01:30 p.m.

Echocardiographer: Bence, J. (GB-Leicester) | Janaj, A. (HCL)

Surgeon: Vollroth, M. (HCL) | Meier, S. (HCL)

- 3D ASD Display and image optimization
- ASD Size quantification with MPR and X Plane
- Shunt Calculation

01:30–

OR 3 – Operation – Mitral Valve Replacement

02:00 p.m.

Echocardiographer: Protsyk, V. (HCL) | Tsang, W. (CA-Toronto)

Surgeon: Leontyev, S. (HCL)

- 3D Evaluation of Morphology
- Quantification of MI
- 3D Models

02:00–

OR 8 – Operation – LAA Closure

03:00 p.m.

Echocardiographer: Wunderlich, N. (DE-Langen) | Sgouropoulou, S. (HCL)

Interventionalist: Pöss, J. (HCL) | Sandri, M. (HCL)

- Procedural Guiding with 2D and 3D TEE

03:00–

Coffee Break

03:30 p.m.

with integrated hands-on workshops in the industry exhibition*



03:30–

OR 1 – Operation – Sinus venosus ASD and Abnormal Pulmonary venous drainage

04:00 p.m.

Echocardiographer: Bence, J. (GB-Leicester) | Janaj, A. (HCL)

Surgeon: Vollroth, M. (HCL)

- Post repair Evaluation

04:00–

OR 3 – Mitral Valve Replacement

05:00 p.m.

Echocardiographer: Protsyk, V. (HCL), Tsang, W. (CA-Toronto)

Surgeon: Leontyev, S. (HCL)

- Post Replacement Evaluation

Note:

A case discussion is planned after each surgery, which is flexible in terms of time.

* Not part of the scientific program



SUPPORTERS

OPENING HOURS INDUSTRY EXHIBITION

Monday, May 12, 2025

07:30 a.m. – 03:30 p.m.

Tuesday, May 13, 2025

07:30 a.m. – 03:30 p.m.

Wednesday, May 14, 2025

07:30 a.m. – 03:30 p.m.

HANDS-ON WORKSHOPS

There will be several hands-on workshops in the industry exhibition area on all conference days. Just drop by the booths during the breaks to get more information and join in!

Registration is not necessary.

We would like to thank our supporters!



Edwards



BD



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Save the Date!

13.-14. März 2026
Herzzentrum Leipzig

