



Klinikum Fulda

Universitätsmedizin Marburg – Campus Fulda



TCRAT Forum Fulda

September 25 – 26, 2026
Klinikum Fulda | Germany

Live surgeries | Share expertise | Launch your program

Live Course for Minimally Invasive
On-Pump CABG

Let's change the face of cardiac surgery



More Information:
tcratforum.com



Herz-Thorax
Zentrum Fulda

SCIENTIFIC SECRETARIES & COURSE DIRECTORS

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ABOUT THE TCRAT FORUM FULDA 2026

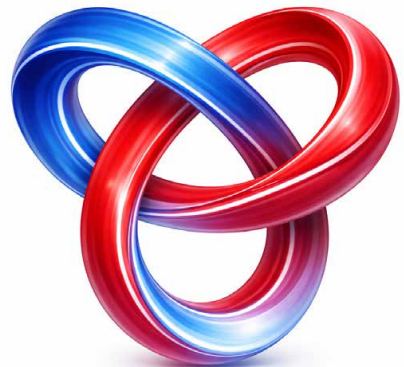
TCRAT Forum Fulda is a focused live course dedicated to sternum-sparing, minimally invasive on-pump multivessel coronary artery bypass grafting performed through a left anterior minithoracotomy. The program is built around real operative cases and links surgical technique with reproducible perioperative workflows.

The course combines live surgery, step-by-step teaching, case-based discussion, and expert exchange. Key topics include patient selection, exposure strategy, grafting sequence, perfusion and cannulation concepts, team roles, and quality checkpoints for safe routine adoption.

Guided by the principles Live cases · Share expertise · Launch your program, the course is designed for cardiac surgeons and OR teams seeking a clear, practice-oriented pathway from observation to structured implementation at their own institutions

WHAT TO EXPECT

- Live case-based learning with real-time expert moderation
- Step-by-step procedural strategy, decision-making, and troubleshooting
- Practical tips on exposure, grafting workflow, and quality checkpoints
- Patient selection principles and complication-avoidance mindset
- Implementation-oriented discussions: team roles, OR logistics, and standardization
- Direct interaction with faculty in an intensive, small-group format



PROGRAM

Live Course for Minimally Invasive On-Pump CABG

Thursday, 24 September 2026

13:00 – 18:00 Registration Desk Open

Friday, 25 September 2026

07:00 – 08:00 Registration | Welcome Coffee | Exhibition Open

08:00 – 08:30 **Opening | Course Objectives**

H. Dörge / O. Babliak

- Welcome Address
- Course Overview
- How the Live Surgery Format Works
- Vision and Mission of the TCRAT Forum

08:30 – 13:00 **Live Case 1:**

“Fulda Technique”

Surgeons: H. Dörge / C. Sellin

Moderator: O. Babliak, A. Rastan

Expert Panel: Cem Alhan, Emad AlJaaly, Robert Balan

08:30 – 09:00 **Structured Case Presentation**

H. Dörge

- Patient clinical profile
- Coronary anatomy
- Conduit strategy
- Graft configuration
- CT planned

09:00 – 13:00 **Live Surgery – Operative Step Commentary**

Key operative phases for discussion:

- Access and thoracotomy
- LIMA harvesting
- Pericardial exposure
- Cannulation strategy
- Target vessel exposure
- Anastomotic strategy

During Procedure – Short Expert Talks

Perfusion Strategy, Anesthesia and Postoperative Management

Speaker 1: Volodymyr Demianenko

Perfusion Strategy and CPB Management in TCRAT: Planning, Cannulation, and Intraoperative Setup

Speaker 2: Robert Schier

Perioperative Management in TCRAT: Painless extubation in the OR

Speaker 3: Martin Andreas

Femoral Cannulation in Minimally Invasive Cardiac Surgery

13:00 – 14:00 Lunchbreak & Exhibition

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14:00 – 18:00 **Live Case 2:**

Multivessel TC RAT “Without Tapes”

Surgeons: C. Sellin / V. Demianenko

Moderator: H. Dörge

Expert Panel: Sahin Senay, Laurens Wollersheim, Martin Andreas

14:00 – 14:20 **Structured Case Presentation**

H. Dörge

- Patient clinical profile
- Coronary anatomy
- Conduit strategy
- Access plan
- Exposure strategy without traction tapes
- Graft configuration
- CT planned

14:20 – 18:00 **Live Surgery – Operative Step Commentary**

Key operative phases for discussion:

- Exposure strategy
- Multivessel grafting workflow
- CPB management
- Hemodynamic considerations

During Procedure – Short Expert Talks

Conduit Harvesting and Coronary Revascularization Strategies

Speaker 1: Dmytro Babliak

Multi-Arterial Grafting in TCRAT: Why the Radial Artery Matters

Speaker 2: Cüneyt Narin

Operative Strategies in TCRAT: Posterior Pericardiotomy and ITA Retractor Selection

Speaker 3: Laurens Wollersheim

Thoracoscopic Internal Mammary Artery Harvesting: Technical Aspects

18:00 End of Day 1

19:00 – 22:00 Gala Dinner (extra fee: 100 Euro)
Maritim Hotel am Schlossgarten Fulda



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Saturday, 26 September 2026

08:00 – 08:10 **Day 2: Opening**
Clinical update on patients operated on Day 1
Christian Sellin

08:10 – 12:00 **Live Case 3:**
“Classic” Multivessel TCRAT
Surgeons: O. Babliak / V. Demianenko
Moderator: Christian Sellin
Expert Panel: Torsten Doenst, Gloria Färber,
Hilmar Dörge

08:10 – 08:30 **Structured Case Presentation**

D. Babliak

- Patient profile
- Coronary anatomy
- Graft strategy
- Exposure using traction technique
- Planned operative workflow
- Key technical considerations

08:30 – 12:00 **Live Surgery – Operative Step Commentary**

Key operative phases for discussion:

- Exposure techniques
- Multivessel grafting sequence
- Management of lateral wall targets
- Hemodynamic considerations

During Procedure – Short Expert Talks

Advanced Surgical Strategy

Speaker 1: Christian Sellin

Patient Selection and Subgroup Outcomes in TCRAT:
Sex, Age, Obesity, and Clinical Context

Speaker 2: Sahin Senay

Robotic-Assisted TCRAT: Current Techniques and
Practical Experience

Speaker 3: Robert Balan

Extending the TCRAT Platform: Endo-Aortic Clamping
with the IntraClude Device

12:00 – 13:00 Lunchbreak & Exhibition

13:00 – 15:30 **IMPLEMENTATION CORE** **Technical Strategies in Minimally Invasive CABG**

13:00 – 13:30 *Torsten Doenst*

The Power of CABG: Evidence, Controversies, and the
Future of Trial Design

13:30 – 14:00 *Cem Alhan*

Robotic Cardiac Surgery and Coronary Revasculari-
zation: Experience, Vision, and Future Directions

14:00 – 14:30 *Oleksandr Babliak*

From Innovation to Standardization: The Early De-
velopment of TCRAT

14:30 – 14:45 *Thomas Menzel*

Implementing Advanced Cardiac Surgery Programs:
The Hospital Manager's View

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14:45 – 15:00 *Volker Schächinger*

TCRAT in the Treatment of Multivessel Coronary Disease: The Cardiologist's View

15:00 – 15:30 Hilmar Dörge

Minimally Invasive On-Pump CABG:
Rediscovering a Powerful Surgical Concept

15:30 – 16:00 Coffee Break at the Exhibition Hall

16:00 – 17:45 **International Panel Discussion
From First Case to Routine Program
around the World**

Experienced international faculty and program leaders will present their perspectives on the implementation and evolution of minimally invasive coronary surgery programs across different centers. The discussion will address the major determinants of successful program development, with particular focus on:

- Patient selection
- Learning curve
- Team building
- Institutional barriers
- Training pathways
- Program sustainability

17:45 – 18:00 **Chair/Closing Remarks:**

- Key Takeaways
- Future Educational Initiatives

18:00 End of Day 2
Faculty & Friends Rooftop Gathering (informal)

Faculty

C. Alhan (Istanbul, Türkiye)

E. AlJaaly (London, UK)

A. Amin (Cairo, Egypt)

M. Andreas (Graz, Austria)

O. Babliak (Kyiv, Ukraine)

D. Babliak (Kyiv, Ukraine)

R. Balan (Passau, Germany)

V. Deminanenko (Fulda, Germany)

T. Doenst (Jena, Germany)

H. Dörge (Fulda, Germany)

G. Färber (Würzburg,
Germany)

M. Grossmann (Fulda, Germany)

A. Haneya (Trier, Germany)

A. Khamis (Penang, Malaysia)

W. Korcharanjit (Bangkok,
Thailand)

T. Menzel (Fulda, Germany)

C. Narin (Istanbul, Türkiye)

A. Rastan (Fulda, Germany)

R. Schier (Fulda, Germany)

V. Schächinger (Fulda, Germany)

C. Sellin (Fulda, Germany)

S. Senay (Istanbul, Türkiye)

A. Toibayev (Astana,
Kazakhstan)

K. Vitanova (Munich, Germany)

L. Wollersheim (Nijmegen,
Netherlands)



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