



Transaxillary Aortic and Root Management

Mainz
Center of Excellence
2026



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Course Description

This advanced course on **Transaxillary (TAX) Aortic and Aortic Root Management**, led by **Prof. Dr. Treede** and **Dr. Dohle** at the University Medical Center Mainz, is designed for cardiac surgeons and their multidisciplinary teams. It offers comprehensive theoretical and practical training on simulators in transaxillary aortic and root procedures.

A highlight of the program is the inclusion of live surgical cases, demonstrating operative planning, root management techniques, and intraoperative decision-making. Participants will benefit from hands-on sessions in the drylab, case-based discussions, and focused lectures delivered by experienced surgeons. The course emphasizes multidisciplinary collaboration and is especially valuable for teams aiming to advance their expertise in transaxillary aortic root surgery, standardize best practices, and optimize perioperative pathways including transaxillary aortic surgery.

The course is exclusively open to candidates holding specialization in

- cardiac surgery,
- anaesthesia,
- cardiac nursing,
- perfusionists

Key objectives

- TAX Minimally Invasive SAVR
- TAX Bio Bentall/ Wheat
- TAX Aortic Root Enlargement

Directors of the course

Prof. Dr. Hendrik Treede

PD Dr. Daniel-Sebastian Dohle

Participant number

Up to 5 participants,
preferably from one team

Dates

- September 8-9, 2026
- November 17-18, 2026

Location:

Universitätsmedizin Mainz
Langenbeckstrasse 1
Bau 505, 5. OG
55131 Mainz
Germany



Day 1

14:00	Welcome to the hospital
14:30	Theoretical and Scientific Introduction into TAX Case preparation for the following day – Patient selection, Echo and CT scan evaluation
16:30	Dry lab on a Simulator with Flying Dinner

Day 2

08:00	• Arrival at the hospital and transfer to OR • Briefing • Patient positioning
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08:30	Transaxillary Aortic Case 1
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13:00	Lunch break
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14:00	Transaxillary Aortic Case 2
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17:00	Q&A for the cases and wrap-up
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17:30	End of the Session
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The content of the course and the dates can be adapted on a case by case basis according to the needs of the participants.

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