



Aortic Root Enlargement

Hamburg
Center of Excellence
2026

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Course Description

This advanced **aortic root enlargement** course, conducted by the team of **Prof. Dr. Thorsten Hanke** from the Heart and Vascular Center, Albertinen Hospital, is designed specifically for advanced cardiac surgeons and their multidisciplinary teams. It provides comprehensive theoretical and practical training in advanced aortic root enlargement surgery, with a dedicated focus on the Bo Yang aortic root enlargement technique. A key feature of the program is the inclusion of live surgical cases performed via sternotomy (partial and/or full), showcasing operative strategy, aortic root enlargement steps, and intraoperative decision-making.

Participants will engage in a half day hands-on sessions in the wetlab, case-based discussions, and focused lectures delivered by experienced professionals. The course emphasizes multidisciplinary collaboration and is particularly valuable for teams aiming to enhance their proficiency in modern aortic root enlargement and complex valve surgery, standardize best practices, and strengthen perioperative pathways.

The course is exclusively open to candidates holding specialization in cardiac surgery.

Directors of the course

Prof. Dr. Thorsten Hanke
Dr. Jan-Hendrik Stripling
Dr. Ralf Bader

Participant number

Up to 5 participants per course

Dates

- August 20-21, 2026
- October 29-30, 2026

Location:

Albertinen Krankenhaus
Süntelstraße 11a
22457 Hamburg
Germany

Key objectives

- Aortic root enlargement via mini-sternotomy – *Bo Yang* technique
- Early extubation following the ERAS protocol
- Improving patient lifetime management



Day 1

16:00 Welcome and introduction

16:15 Theoretical and Scientific Introduction into *Bo Yang* Aortic Root Enlargement

17:45 Case presentation for the following day:
Patient selection, Echo and CT scan evaluation

19:00 Group dinner

Day 2

08:30 Welcome to the hospital and transfer to OR

09:00 Case 1 & Case 2 in parallel: Aortic Root Enlargement

12:00 Lunch break

13:00 Your turn: Wetlab Aortic Root Enlargement

16:00 Review of the cases and wrap-up

16:30 End of the Session

The content of the course and the dates can be adapted on a case by case basis according to the needs of the participants.

This course grants 16 CME points.

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