



Shaping the Future of Aortic Medicine

AORTIC 360 ADVANCED SEMINAR

PRELIMINARY PROGRAM

9 – 10 SEPTEMBER 2022

Focus: Aortic surgery in detail → what you always wanted to know.

Learning objectives: After this course you will have the knowledge and skills to conceptually perform any extent of aortic arch treatment including combined vascular and endovascular procedures, fenestrated and scalloped solutions, aortic arch replacement using the FET technique as well as branched endovascular aortic arch repair. Furthermore, TA replacement will complete the course.

Target group: Advanced cardiac and vascular surgeons, advanced interventional radiologists.

9 September

DAY 1

Planning and categorizing of and monitoring during the aortic arch repair – read the CTA correct and perfuse as much as you can

8:30 – 9:00	Registration
9:00 – 9:10	Welcome
9:10 – 9:30	The circle of Willis- a must-know in aortic arch procedures: Jos C. van den Berg
9:30 – 09:50	The TEM classification and the GERAADA Score- EuroSCORE and Syntax Score of acute aortic dissection: Martin Czerny
09:50 – 10:10	How much monitoring during procedures is needed- or better- reduce to the max: Roman Gottardi
10:10 – 10:30	NIRS monitoring-strengths, limitation and future directions: Stoyan Kondov
10:30-10:50	Planning in calcified iliac access for endovascular arch repair, TAVR: the role of CTA and IVL: Jos C. van den Berg
10:50 – 11:10	COFFEE BREAK

The portfolio of open aortic arch replacement- when to use classical ET and when the FET technique

11:10 – 11:20	Total aortic arch replacement using the classical elephant trunk technique: Martin Czerny
11:20 – 11:40	Total aortic arch replacement using the FET technique: Martin Czerny
11:40 – 12:00	Membrane stabilization during aortic arch replacement- Ascyrus

The armamentarium of supraaortic transpositions- from limited to unlimited

12:00 – 12:20	Carotid to subclavian transposition: Thomas Wyss
12:20 – 12:40	Carotid to subclavian bypass: Thomas Wyss
12:40 – 13:00	Autologous and alloplastic double transposition: Martin Czerny
13:00 – 13:20	Total aortic arch rerouting: Martin Czerny
13:20 – 14:30	LUNCH

14:30 – 14:45	Branched endovascular aortic arch repair- Relay branch: Martin Czerny
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14:45 – 15:00	Branched endovascular aortic arch repair- Cook: Nikolaos Tsilimparis
15:00 – 15:15	Fenestrated aortic arch repair – video presentation
15:15 – 15:30	Fenestrations and scallops- when and how: Nikolas Tsilimparis
15:30 – 15:45	COFFEE BREAK
15:45 – 18:00	Practice on VI models: CORDIS workshop

19:00 – Networking dinner

10 September

DAY 2

Case based discussions – hard facts when to choose what kind of approach

9:00 – 9:20	Aortic arch aneurysm – constellations favoring open aortic arch replacement using the ET technique: Florian Schönhoff
9:20 – 9:40	Constellations favoring open aortic arch replacement using the FET technique
9:40 – 10:00	Constellations favoring hybrid aortic arch repair
10:00 – 10:20	Constellations favoring branched endovascular aortic arch repair: Nikolaos Tsilimparis
10:20 – 10:40	Constellations favoring FET and secondary TEVAR extension
10:40 – 11:00	Constellations favoring a hemiclamshell approach: Jürg Schmidli
11:00 – 11:20	Constellation favoring alloplastic removal and bovine pericardial replacement: Thomas Wyss
11:20 – 11:40	COFFEE BREAK

Thoracoabdominal aortic disease- focus on zones 3 to 9

11:40 – 12:00	MISACE and PapaARTIS- next gen paraplegia prevention: Salome Weiss
12:00 – 12:20	The intraspinal collateral network, the importance of the hypogastric and CSF drainage: Martin Czerny
12:20 – 12:40	Selective organ perfusion during TAAA repair, blood, crystalloid, freeze or perfuse: Jürg Schmidli
12:40 – 13:30	LUNCH
13:30 – 13:50	Thoracic and abdominal segmental arteries- the Bern parallel graft concept: Roman Bühlmann
13:50 – 14:10	The three stage approach- FET/TEVAR and 3.5 repair
14:10 – 14:30	TAAA hybrid approach- prestige or alternative? Jürg Schmidli
14:30 – 14:50	Contemporary practice in treating acute and chronic thoracoabdominal aortic pathology in high volume centers- results from the Aortic Association Survey: Roman Gottardi.
14:50 – 15:00	COFFEE BREAK
15:00 – 16:00	Practice on VI models
16:00	Wrap-up and closing remarks