



aortic
association

**AORTIC
SUMMIT**

Oct 31 – Nov 02, 2019, Lugano

2019

FOCUS AORTIC ARCH

**PRELIMINARY
PROGRAM**

**AORTIC ASSOCIATION'S MISSION – TO REDUCE THE BURDEN
OF AORTIC DISEASES THROUGH EDUCATION, TRAINING AND
ADVANCING OUR KNOWLEDGE**

**Oct 31 – Nov 02, 2019
Lugano, Switzerland**

aorticassociation.org

Dear colleagues and friends!

It is our great pleasure to welcome you to an exceptional aortic meeting with a **focus on aortic arch** – the Lugano 2019 AORTIC Summit – in an entirely new format to intensify knowledge upon aortic pathology and its various treatment modalities being available today. This summit is a practical and logical consequence of the consensus paper on the Aortic Arch, which was a common achievement by both scientific societies ESVS and EACTS.

Understanding the disease forms the basis, being familiar with the treatment options available enlarges the armamentarium and being able to implement them into clinical practice gives the freedom and the flexibility to offer sustainable personalized solutions to treat patients with acute and chronic thoracic aortic pathology in an aortic team.

While it is the mission of the Aortic Association to reduce the burden of aortic disease by education, training and advancing knowledge taking the entire organ aorta into account, we will focus on acute and chronic thoracic aortic pathology involving the aortic arch.

During this course, you will be taken on a journey through the aortic arch and its major branches sharing expertise with a world-renown faculty and you will have the opportunity to practice during numerous workshops addressing both open surgery and endovascular therapy.

We are looking forward to welcoming you in Lugano in May 2019.

Sincerely,



Jürg Schmidli



Martin Czerny



Jos C. van den Berg



Bartosz Rylski



Thomas Wyss

The Venue

Hotel de la Paix
Viale Giuseppe Cattori 18
6900 Lugano, Switzerland

Congress Secretariat

Education Event Impact GmbH

(former HSEC Swiss GmbH)

Alte Steinhäuserstrasse 1
6330 Cham, Switzerland

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Registration & Information Desk

The registration desk will be open as follows:

Thursday, Oct 31st from 9:30am to 7pm

Friday, Nov 01st from 7:30am to 7pm

Saturday, Nov 02nd from 7:30am to 4:30pm

Exhibition

Thursday, Oct 31st from 3:30pm to 6pm

Friday, Nov 01st from 8am to 4pm

Saturday, Nov 02nd from 8am to 4pm

Date

Oct 31 – Nov 02, 2019

Lugano, Switzerland

Course Directors

Jürg Schmidli

University Hospital
Bern, Switzerland

Jos C. van den Berg

Ospedale Regionale
di Lugano, Switzerland

Martin Czerny

University Hospital
Freiburg, Germany

Thomas Wyss

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10:30 – 11:15 **AORTIC Welcome Breakfast**

11:15 – 11:30 **WELCOME TO WORKSHOP DAY**

Short introduction to AORTIC Summit 2019

11:30 – 13:00 **WORKSHOP ROUND 1**

13:00 – 14:00 **Sponsored Lunch Symposium**

14:00 – 15:30 **WORKSHOP ROUND 2**

15:30 – 16:00 **Coffee Break**

16:00 – 16:30

Session 1 | Forming aortic teams and why a new terminology in aortic dissection is needed

Chair: Martin Czerny, Jürg Schmidli

Speakers

Forming an aortic team – why, when and how?

Jürg Schmidli

A new Dissection terminology and tear categorization

Bartosz Rylski

16:30 – 18:00

Session 2 | Understanding the natural course of the disease as a basis for indicating treatment

Chair: Lars Lönn, Enrico Ferrari

Speakers

Biomarkers – Predicting the natural course of the disease by serum markers

Toru Suzuki

Uncomplicated type A aortic dissection

Luca di Marco

Complicated type A aortic dissection

Martin Czerny

Uncomplicated type B aortic dissection

Lars Lönn

Complicated type B aortic dissection

Christoph Nienaber

Non A Non B aortic dissection and how it develops

Bartosz Rylski

IMH and its dynamics

Thomas Schachner

PAU and its many faces

Michael Grimm

Voting & Discussion

08:00 – 09:30

**Session 3 | Imaging and diagnostic work-up
– get the entire picture**

Chair: Bartosz Rylski, Tilo Kölbl

Speakers

Incidental findings on routine preoperative coronary angiography and how they influence further decision making

Eduardo Bossone

Assessment of patency of circle of Willis

Jos C. van den Berg

Maximum information extraction from triple rule-out CT

Hendrik von Tengg-Kobligk

How accurate imaging can prevent major collateral injury in planning arch procedures

Maximilian Kreibich

Lusorian artery perfusion during type A aortic dissection

Roman Gottardi

True and false lumen organ perfusion dependency

Stoyan Kondov

Voting & Discussion

09:30 – 09:45

Coffee Break

09:45 – 11:00

Session 4 | Monitoring during aortic repair-perfuse as much as you can and do things right

Chair: Michael Jacobs, Thierry Carrel

Speakers

How much monitoring is needed or better – reduce to the max!

Cornelius Keyl

EACTS Survey: what kind of monitoring?

Balthasar Eberle

NIRS Monitoring: Strengths, Limitations and Future Directions

John Murkin

Beating heart aortic arch repair

Martin Czerny

Dissection of the descending aorta after balloon occlusion during a normothermic FET procedure

Tim Berger

Branched endovascular aortic arch repair – my preferred solution

Tilo Kölbl

Voting & Discussion

11:15 – 11:30

Lunch Break

11:30 – 12:45

Lunch Symposium

12:45 – 13:55

Session 5 | The portfolio of open aortic arch replacement- from tubular replacement to the FET technique

Chair: Roberto Di Bartolomeo, Christian Etz

Speakers

Ascending and hemiarch replacement – trade-off or full-fix

Andreas Martens

Total aortic replacement using the classical elephant trunk technique

Thierry Carrel

Total arch using the FET technique

Malakh Shrestha

Adjunctive replacement of the brachiocephalic trunk during aortic arch surgery

Stoyan Kondov

Modern approach for patient-tailored aortic arch procedures

Enrico Ferrari

Voting & Discussion

13:55 – 15:20

Session 6 | The armamentarium of supra-aortic transpositions – from limited to unlimited

Chair: Heinz Jakob, Roberto Chiesa

Speakers

| | |
|---|---------------------|
| Carotid-to-subclavian transposition | Thomas Wyss |
| Carotid-to-subclavian bypass | Maximilian Kreibich |
| Autologous double transposition | Tim Berger |
| Alloplastic double transposition | Bartosz Rylski |
| Double transposition X large adding a single branch for total arch repair | Nimesh Desai |
| Total aortic arch rerouting | Michael Grimm |
| Alternatives of alternatives | Christian Reeps |

15:20 – 15:50

Coffee break

15:50 – 17:05

Session 7 | Total endovascular aortic arch repair – prestige and alternative

Chair: Stefanos Demertzis, Carlos Mestres

Speakers

| | |
|---|---------------------------|
| Branched endovascular aortic arch repair – my preferred solution | Mario Lescan von Tübingen |
| Other solutions for the aortic arch – clinical experience and update | Toru Kuratani |
| The single branch trial – results and outlook | Nimesh Desai |
| Current clinical experience and outcomes with CE Mark approved single branch device | Mario Lachat |
| Air emboli during stent-graft deployment | Vladimir Makaloski |

08:00 – 09:30

| Session 8 Hard facts when to choose what kind of approach | |
|---|---------------------------|
| Chair: Carlos Mestres, Luca Bertoglio | Speakers |
| Aortic arch aneurysm – Constellations favoring open aortic arch replacement | Christian Etz |
| Constellations favoring open arch replacement using the FET technique | Heinz Jakob |
| Constellations favoring hybrid aortic arch replacement | Luca Bertoglio |
| Constellations favoring branched endovascular aortic arch repair | Mario Lescan von Tübingen |
| Voting & Discussion | |
| Descending aortic aneurysm involving the distal aortic arch – Constellations favoring a limited combined vascular and endovascular procedure | Toru Kuratani |
| Constellations favoring a more extensive combined vascular and endovascular procedure | Luca Bertoglio |
| Constellations favoring a total endovascular approach | Nikolaos Tsilimparis |
| Constellations favoring open surgery using the FET approach with secondary distal TEVAR extension | Roberto di Bartolomeo |
| Constellations favoring open surgery through a left-sided thoracotomy using left-heart bypass | Michael Jacobs |
| Voting & Discussion | |

09:30 – 09:45

Coffee Break

09:45 – 11:30

Session 9 Part I | Hard facts when to choose what kind of approach – interactive Session

Chair: Nimesh Desai, Florian Schönhoff

Speakers

Remaining dissection after type A repair –
Constellations favoring open surgery using the FET technique

Carlos Mestres

Constellations favoring classical elephant trunk implantation

Bartosz Rylski

Constellations favoring transposition of supraaortic vessels and TEVAR

Piergiorgio Tozzi

Constellations favoring total endovascular aortic arch repair

Toru Kuratani

Voting & Discussion

Type B aortic dissection – Constellations favoring a combined vascular and endovascular approach

Thomas Wyss

Constellations favoring open surgery using the FET technique

Ehsan Natour

Constellations favoring open distal arch and descending aortic repair

Michael Jacobs

Constellations favoring conservative treatment

Christoph Nienaber

Voting & Discussion

Non-A-non-B aortic dissection – Constellations favoring open surgery using the FET technique

Bartosz Rylski

Constellations favoring combined vascular and endovascular approaches

Nimesh Desai

Voting & Discussion

11:30 – 11:45

Coffee Break

11:45 – 13:05

| Session 9 Part II Hard facts when to choose what kind of approach – interactive Session | |
|--|-----------------------|
| Chair: Nimesh Desai, Florian Schönhoff | Speakers |
| Aortic arch IMH – Constellations favoring conservative treatment | Andreas Martens |
| Constellations favoring a combined vascular and endovascular procedure | Konstantinos Tsagakis |
| Voting & Discussion | |
| Aortic arch PAU – Constellations favoring transposition of supraaortic vessels and TEVAR | Santi Trimarchi |
| Constellations favoring branched arch endo-graft implantation | Tim Berger |
| Constellations favoring open surgery using the FET technique | Maximilian Kreibich |
| Voting & Discussion | |
| Aortic arch graft infection – Constellations favoring an extensive approach | Stoyan Kondov |
| Constellations favoring an extensive approach | Jürg Schmidli |
| Durability and quality indicators – towards a common language and towards standardization of reporting | Florian Schönhoff |
| Voting & Discussion | |

13:05 – 14:05

Lunch Break & Symposium

14:05 – 15:50

**Session 10 | USERS CHALLENGE THE R&D –
Future developments and Case to Case
discussion with Industry**

Chair: Martin Czerny, Santi Trimarchi

Speakers

Case to case discussion with Industry

15:50 – 16:20

**Session 11 | Gaps in evidence – where we can
make the biggest leap to get better and to
reduce remaining risk to as minimum**

Chairs: Martin Czerny, Jürg Schmidli

Speakers

Summary of clinically unmet needs and
demands for the future

Martin Czerny

Summary of unmet needs and demands for the
future regarding devices

Michael Jacobs

16:20 – 16:30

Wrap Up and Closure

Jürg Schmidli,
Martin Czerny