



FOCUS: Valve 2024

3D live surgeries – workshops – wetlabs

15th Course for

Minimally Invasive Heart Valve Surgery

Medical University Innsbruck

INNSBRUCK | AUSTRIA | SEPT. 15 – 18, 2024



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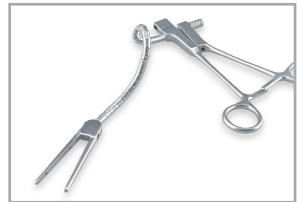
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Coming soon

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FOCUS VALVE PARTNERS

ECS – Endoscopic Cardiac Surgeons Club
www.ecsclub.org
Heart and Health Foundation of Turkey
www.tksv.org/en

COURSE LOCATION

LKI/Universitätskliniken Innsbruck
Chirurgie (Building no. 8)
Main Auditorium (Großer Hörsaal)
Entrance Innerkoflerstrasse
6020 Innsbruck, Austria

CREDITS

CME Credits for this event will be proceeded.

CONGRESS ORGANIZER



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HIGHLIGHTS 2024:

Live surgeries:

- Endoscopic mitral valve repair
- Endoscopic aortic valve replacement
- Transaxillary valve surgery
- Combined AV/MV disease

Interactive workshops:

- **Echocardiography**
- **MICS techniques for aortic, mitral, tricuspid valve surgery and atrial fibrillation**

Wetlabs:

- MICS hands on training with 3D imaging technology
- Aortic and mitral valve interventions on the beating heart

FACULTY

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Von Bardeleben Ralph Stephan, DE

Vötsch Andreas, AT

Walther Thomas, DE

Zancanaro Edoardo, IT

SCIENTIFIC PROGRAM

DAY 1, Sunday, September 15, 2024

Valve Surgery under RE-CONSTRUCTION

13:00 – 14:30 Session 1: Data affecting daily practice
Chair: Reichenspurner H

The UK Mini-mitral study	<i>Garbi M</i>
Anticoagulation for mechanical prostheses	<i>Semsroth S</i>
DEDICATE TRIAL	<i>Reichenspurner H</i>
The CEASE-AF study for persistent AF	<i>Doll K-N</i>
Risk stratification in tricuspid regurgitation: the TRI-Score	<i>Dreyfus J</i>

14:30 – 16:30 Workshop 1: Case-based learning in mitral disease **NEW!**
Chair: Gollmann-Tepeköylü C

One case presenter and one surgeon from the same team present and comment on cases on a dialogue format. The case presenter shows the echo findings, the surgeon comments on the technique of repair. A commentator provides theoretical knowledge on basic definitions

BLOCK 1	<p>Case presenter Innsbruck <i>Nägele F</i> Primary MR – flail leaflet</p> <ul style="list-style-type: none"> • simple P2 – flail • AML flail 	<p>Surgeon <i>Bonaros N</i> Selection of surgical techniques</p> <ul style="list-style-type: none"> • resection • artificial chordae 	<p>Commentator <i>Berrebi A</i> Definitions</p> <ul style="list-style-type: none"> • flail/ prolapse • chordal rupture vs elongation • commissural anatomy
BLOCK 2	<p>Case presenter Innsbruck <i>Pözl L</i> Primary MR – Barlow</p> <ul style="list-style-type: none"> • P2 flail – myxomatous degeneration • bi-leaflet prolapse • functional prolapse – MAD 	<p>Surgeons <i>Höfer D, Perier P</i> Selection of surgical techniques</p> <ul style="list-style-type: none"> • resection • artificial chordae • alternative techniques 	<p>Commentator <i>Delgado V</i> Definitions</p> <ul style="list-style-type: none"> • anatomy and histology of Barlow’s disease • Identations • MAD
BLOCK 3	<p>Case presenter Hamburg/ Augsburg <i>Tomsic A</i> Secondary MR</p> <ul style="list-style-type: none"> • atrial MR • ventricular MR w/o tethering • ventricular MR with tethering 	<p>Surgeon <i>Girdauskas E</i> Selection of surgical techniques</p> <ul style="list-style-type: none"> • ring and run • subvalvular techniques • replacement 	<p>Commentator <i>Delgado V</i> Definitions</p> <ul style="list-style-type: none"> • atrial MR: causes and prognosis • ventricular MR: Impact of arization revascularization • tethering

16:00 - 16:30 Coffee break

SCIENTIFIC PROGRAM

DAY 1, Sunday, September 15, 2024

16:30 - 18:00 Workshop 2: Case-based learning in tricuspid disease

BLOCK 1	Case presenter Mainz <i>Zancanro E</i> Secondary atrial TR <ul style="list-style-type: none">• concomitant MR• isolated TR	Surgeon <i>Treede H</i> Selection of surgical techniques <ul style="list-style-type: none">• ring and run• beating heart surgery	Commentator <i>Von Bardeleben S</i> Definitions <ul style="list-style-type: none">• etiology and prognosis of atrial TR• indications for treatment in concomitant TR• indications for treatment in isolated TR
BLOCK 2	Case presenter Jena Secondary ventricular TR <ul style="list-style-type: none">• concomitant MR• isolated TR	Surgeon <i>Färber G</i> Selection of surgical techniques <ul style="list-style-type: none">• ring and run• subvalvular techniques	Commentator <i>Garbi M</i> Definitions <ul style="list-style-type: none">• TAPSE• RV-PA coupling• indications for treatment
BLOCK 3	Case presenter Milan <i>Ascione G</i> Primary TR <ul style="list-style-type: none">• leaflet prolapse• traumatic TR	Surgeon <i>De Bonis M</i> Selection of surgical techniques <ul style="list-style-type: none">• artificial chordae• kay• replacement	Commentator <i>Ajmonte N</i> Definitions <ul style="list-style-type: none">• RV papillary muscle anatomy• bicuspidalization edge-to-edge

18:00 **End of Day 1**

SCIENTIFIC PROGRAM

DAY 2, Monday, September 16, 2024

08:30 – 09:00 **Welcome**
Introductory lecture: The art of visualization in mitral valve surgery *Müller L*
Theoretical lecture: How to improve the results of a minimally invasive program by enhanced recovery after surgery *Kindo M*

09:00 – 12:00 **Live surgeries**
Moderator: Reichensperner H

Case presentations live from the OR

Live surgery 1

Transaxillary AVR

Surgeon: *Grimm M*

Learning objectives: TBA

Live surgery 2

Endoscopic AVR

Surgeon: *Bakhtiyar F*

Learning objectives: TBA

Discussion of strategies: Panel

10:00 – 10:30 **Coffee break**

10:00 – 11:00 **Skills Lab: Endoscopic MVR, AVR** *Seminar room 1*
60 minutes training – limited number of participants
meeting point: registration desk

Presentations block 1: Let's talk about access in MIVS

- Hemisternotomy: the swiss army knife for valve surgery
- Endoscopic valve surgery
- Robotic valve surgery
- Transaxillary access: no scope, no special tools

Dzemali O
Lakew F
Pereda D
Di Eusanio M

12:00 – 13:00 **Lunch break**

13:00 – 14:00 **Technology corner**

Beating heart neochords for complex pathologies

Transseptal beating heart neochords

Emerging valves for TTVI

New tissue valves data

D' Onofrio A
Von Bardeleben S
Walther T
Casselmann F

14:00 – 14:30 **Keynote lecture: Translational approach of valvular disease**

Holfeld J

SCIENTIFIC PROGRAM

DAY 2, Monday, September 16, 2024

14:30 – 18:00 **Live surgeries**
Moderator: Perier P

Case presentations live from the OR

Live surgery 3

Endoscopic MV LAAO/LA Ablation

Surgeon: Doll K-N

Learning objectives: TBA

Live surgery 4

Endoscopic MV

Surgeons: Färber G, Bonaros N

Learning objectives: TBA

Facilitator: Berrebi A

Discussion of strategies: Panel

15:00 – 16:00 **Skills Lab: Endoscopic MVR, AVR**
60 minutes training – limited number of participants
meeting point: registration desk

Seminar room 1

16:00 – 16:30 **Coffee break**

Presentations block 2:

Atrial fibrillation – What every surgeon needs to know

- Digital medicine and atrial fibrillation
- Ablation lines: the science behind it
- LA Ablation in mitral surgery: when to do
- LA Ablation in mitral surgery: when not to do
- Hybrid ablation: time for take-off

Bauer A

Ad N

Benussi S

Suwalski P

Castella M

18:00 **End of Day 2**

SCIENTIFIC PROGRAM

DAY 3, Tuesday, September 17, 2024

08:30 ICU report **Surgeon on duty**

08:35 - 09:00 **The most important thing in mitral valve surgery is the tricuspid valve**

Dreyfus J

09:00 - 12:30 **Live surgeries**
Moderator: Pomar J-L

Case presentations live from the OR

Live surgery 5

MIC MVR/TVR

Surgeon: Borger M

Learning objectives: TBA

Live surgery 6

Ministernotomy double valve surgery

Surgeons: Bonaros N, Gollmann-Tepeköylü C

Learning objectives: TBA

Discussion of strategies: Panel

Commentator: Delgado V

10:00 - 11:00 **Skills Lab: Endoscopic MVR, AVR** Seminar room 1
60 minutes training - limited number of participants
meeting point: registration desk

10:30 - 11:00 **Coffee break**

Presentations block 3:
Minimally invasive treatment of concomitant disease

Aortic stenosis and secondary MR: how to treat?

- A guide to treat radiation-induced valve disease
- HOCM: address...
 - the septum only?
 - the mitral valve in all cases?
- Endoscopic treatment of HOCM

Siepe M
Sadaba J

Dettler C
Grimm M
Pitsis A

12:30 - 13:30 **Lunch break**

13:30 - 14:30 **My best tricks...**

- ... to avoid troubles during cannulation and cross-clamping
- ... to choose the right annuloplasty during cannulation and cross-clamping
- ... to repair different types of prolaps
- ... avoid bleeding

Akhyari P
De Paulis R
Kofidis T
Lakew F

SCIENTIFIC PROGRAM

DAY 3, Tuesday, September 17, 2024

14:30 – 18:00 **Live surgeries**
Moderator: Perier P

Case presentations live from the OR

Live surgery 7

Transaxillary mitral valve surgery

Surgeon: Di Eusanio M

Learning objectives: TBA

Live surgery 8

Endoscopic MV

Surgeons: Höfer D, Müller L

Learning objectives: TBA

Discussion of strategies: Panel

15:00 – 16:00 **Skills Lab: Endoscopic MVR, AVR**
60 minutes training – limited number of participants
meeting point: registration desk

Seminar room 1

Coffee break

Presentations block 4:

Choose wisely:

- Cannulas and cannulation strategy for MIMVS
- Which clamp – which cardioplegia for MIMVS?
- Mini-mitral on the fibrillating heart
- Left mini-thoracotomy for valve surgery

*Krane M
Liebold A
Ad N
Babliak O*

18:00 **End of day 3**

SCIENTIFIC PROGRAM

DAY 4, Wednesday, September 18, 2024

08:00 – 12:00 TEE for surgeons

Tutors: Velik-Salchner C, Martini J

08:30 – 16:30 Porcine beating heart wetlab (8 groups of 4-5 participants, 90 minutes per group) seminar room 1

- Beating heart valve simulation Lab transaortic TAVI
Tutors: Krapf C, Stastny L
- Beating heart valve simulation Lab Mitraclip
Tutors: TBA
- Beating heart valve simulation Lab transapical neochordae
Tutors: Vogt F, Doll K-N

09:00 – 13:00 MIMVS Wetlab I – (morning) seminar room 2

Minimally invasive mitral valve repair – 3D endoscopic training

Tutors: Höfer D, Müller L, Vötsch A

14:00 – 18:00 MIMVS Wetlab II – (afternoon – identical to MIMVS Wetlab I) seminar room 2

Minimally invasive mitral valve repair – 3D endoscopic training

Tutors: Höfer D, Müller L, Vötsch A

ONLINE REGISTRATION: <https://registration.maw.co.at/valve24>

REGISTRATION FEES

Preregistration
until August 12, 2024

On site registration
after August 12, 2024

DAY 1 - 3, September 15 - 17, 2024

Focus valve training course	€ 1000.-	€ 1100.-
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DAY 4, September 18, 2024

TEE for surgeons	€ 350.-	€ 450.-
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MIMVS wetlab I (09:00 - 13:00)	€ 350.-	€ 450.-
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MIMVS wetlab II (14:00 - 18:00) MIMVS wetlab II is identical to wetlab I	€ 350.-	€ 450.-
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Beating heart wetlab (price per session)	€ 350.-	€ 450.-
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<u>TAVI sessions</u>	8:30-10:00	10:30-12:00	13:00-14:00	15:00-16:30
<u>Mitral sessions</u>	8:30-10:00	10:30-12:00	13:00-14:00	15:00-16:30

Group A: Training of TEER under cardioscopy guidance

Group B: Transapical neo-chordae implantation

**Residents and nurses are entitled to a 50% discount for the training course and all workshops.
Medical students can register free of charge.**

Combo beating heart and MIMVS wet lab	€ 500.-	€ 550.-
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By booking of two sessions (Mitral and or TAVI) you get a discount

TEAM/GROUP REGISTRATION:

Bring your team colleagues to Focus Valve and save up to 50% of the registration and workshop fees.
How to receive a group discount:

- First team member registers online via: <https://registration.maw.co.at/valve24>
- The confirmation email contains a team code which you can use to register up to 5 team members:

The team registration discount conditions are as follows:

- 2nd team member - 20 % discount
- every further team member - 40 % discount, maximum: 5 team members

Social Evening - Meet & Greet
September 16, 2024

Registration Fee: EUR 80.-

Venue: Restaurant 1809, Bergisel 2, 6020 Innsbruck
Time: 19:30

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SEPTEMBER 15 - 18, 2024

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