



# FOCUS: Valve 2024

3D live surgeries – workshops – wetlabs

15<sup>th</sup> Course for

Minimally Invasive Heart Valve Surgery

Medical University Innsbruck

INNSBRUCK | AUSTRIA | SEPT. 15 – 18, 2024



[www.focusvalve.org](http://www.focusvalve.org)

## GENERAL INFORMATION

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Can GOLLMANN-TEPEKÖYLÜ

### FACULTY

Coming soon

### CONGRESS CONTACT

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### FOCUS VALVE PARTNERS

ECS – Endoscopic Cardiac Surgeons Club  
[www.ecsclub.org](http://www.ecsclub.org)  
Heart and Health Foundation of Turkey  
[www.tksv.org/en](http://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



MAW - International Exhibitions and Advertising  
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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

## SCIENTIFIC PROGRAM

DAY 1, Sunday, September 15, 2024

### Valve Surgery under RE-CONSTRUCTION

#### 13:00 - 14:30 Session 1: Data affecting daily practice

The UK Mini-mitral study  
New tissue valves data  
Anticoagulation for mechanical prostheses  
The CEASE-AF study for persistent AF  
Risk stratification in tricuspid regurgitation: the TRI-Score

#### 14:30 - 16:30 Workshop 1: Case-based learning in mitral disease

**NEW!**

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

<b>BLOCK 1</b>	<b>Case presenter Innsbruck</b> Primary MR - flail leaflet <ul style="list-style-type: none"><li>• simple P2 - flail</li><li>• AML flail</li></ul>	<b>Surgeon</b> Selection of surgical techniques <ul style="list-style-type: none"><li>• resection</li><li>• artificial chordae</li></ul>	<b>Commentator</b> Definitions <ul style="list-style-type: none"><li>• flail/ prolapse</li><li>• chordal rupture vs elongation</li><li>• commissural anatomy</li></ul>
<b>BLOCK 2</b>	<b>Case presenter Innsbruck</b> Primary MR - Barlow <ul style="list-style-type: none"><li>• P2 flail - myxomatous degeneration</li><li>• bi-leaflet prolapse</li><li>• functional prolapse - MAD</li></ul>	<b>Surgeon</b> Selection of surgical techniques <ul style="list-style-type: none"><li>• resection</li><li>• artificial chordae</li><li>• alternative techniques</li></ul>	<b>Commentator</b> Definitions <ul style="list-style-type: none"><li>• anatomy and histology of Barlow's disease</li><li>• Identations</li><li>• MAD</li></ul>
<b>BLOCK 3</b>	<b>Case presenter Hamburg/ Augsburg</b> Secondary MR <ul style="list-style-type: none"><li>• atrial MR</li><li>• ventricular MR w/o tethering</li><li>• ventricular MR with tethering</li></ul>	<b>Surgeon</b> Selection of surgical techniques <ul style="list-style-type: none"><li>• ring and run</li><li>• subvalvular techniques</li><li>• replacement</li></ul>	<b>Commentator</b> Definitions <ul style="list-style-type: none"><li>• atrial MR: causes and prognosis</li><li>• ventricular MR: Impact of arization revascularization</li></ul>

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**

<b>BLOCK 1</b>	<b>Case presenter Mainz</b> Secondary atrial TR <ul style="list-style-type: none"><li>• concomitant MR</li><li>• isolated TR</li></ul>	<b>Surgeon</b> Selection of surgical techniques <ul style="list-style-type: none"><li>• ring and run</li><li>• beating heart surgery</li></ul>	<b>Commentator</b> Definitions <ul style="list-style-type: none"><li>• etiology and prognosis of atrial TR</li><li>• indications for treatment in concomitant TR</li><li>• indications for treatment in isolated TR</li></ul>
<b>BLOCK 2</b>	<b>Case presenter Jena</b> Secondary ventricular TR <ul style="list-style-type: none"><li>• concomitant MR</li><li>• isolated TR</li></ul>	<b>Surgeon</b> Selection of surgical techniques <ul style="list-style-type: none"><li>• ring and run</li><li>• subvalvular techniques</li></ul>	<b>Commentator</b> Definitions <ul style="list-style-type: none"><li>• TAPSE</li><li>• RV-PA coupling</li><li>• indications for treatment</li></ul>
<b>BLOCK 3</b>	<b>Case presenter Milan</b> Primary TR <ul style="list-style-type: none"><li>• leaflet prolapse</li><li>• traumatic TR</li></ul>	<b>Surgeon</b> Selection of surgical techniques <ul style="list-style-type: none"><li>• artificial chordae</li><li>• kay</li><li>• replacement</li></ul>	<b>Commentator</b> Definitions <ul style="list-style-type: none"><li>• RV papillary muscle anatomy</li><li>• bicuspidalization edge-to-edge</li></ul>

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

**Theoretical lecture:** How to improve the results of a minimally invasive program by enhanced recovery after surgery

09:00 – 12:00

#### Live surgeries

##### Case presentations live from the OR

##### Live surgery 1

Transaxillary AVR

Surgeon: TBA

**Learning objectives:** TBA

##### Live surgery 2

Endoscopic AVR

Surgeon: TBA

**Learning objectives:** TBA

##### Discussion of strategies: Panel

10:00 – 10:30

#### Coffee break

##### 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

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

TEER for complex pathologies

14:00 – 14:30

#### Keynote lecture: Mitral valve repair 2030: End of story for surgery?

## SCIENTIFIC PROGRAM

DAY 2, Monday, September 16, 2024

14:30 – 18:00 **Live surgeries**

**Case presentations live from the OR**

**Live surgery 3**

Endoscopic MV LAAO/LA Ablation

Surgeon: TBA

**Learning objectives:** TBA

**Live surgery 4**

Endoscopic MV

Surgeon: TBA

**Learning objectives:** TBA

**Discussion of strategies: Panel**

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

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

09:00 - 12:30 Live surgeries

#### Case presentations live from the OR

##### Live surgery 5

MIC MVR/TVR

Surgeon: TBA

**Learning objectives:** TBA

##### Live surgery 6

Ministernotomy double valve surgery

Surgeon: TBA

**Learning objectives:** TBA

**Discussion of strategies:** Panel

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

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

## SCIENTIFIC PROGRAM

DAY 3, Tuesday, September 17, 2024

14:30 – 18:00 **Live surgeries**

**Case presentations live from the OR**

**Live surgery 7**

Transaxillary mitral valve surgery

Surgeon: TBA

**Learning objectives:** TBA

**Live surgery 8**

Endoscopic MV

Surgeon: TBA

**Learning objectives:** TBA

**Discussion of strategies: Panel**

**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

18:00

**End of day 3**



## SCIENTIFIC PROGRAM

DAY 4, Wednesday, September 18, 2024

08:00 – 12:00 TEE for surgeons

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

- Beating heart valve simulation Lab transaortic TAVI
- Beating heart valve simulation Lab Mitraclip
- Beating heart valve simulation Lab transapical neochordae

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

Minimally invasive mitral valve repair – 3D endoscopic training

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

Minimally invasive mitral valve repair – 3D endoscopic training

**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

<b>Focus valve training course</b>	€ 1000.-	€ 1100.-
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### DAY 4, September 18, 2024

<b>TEE for surgeons</b>	€ 350.-	€ 450.-
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<b>MIMVS wetlab I (09:00 - 13:00)</b>	€ 350.-	€ 450.-
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<b>MIMVS wetlab II (14:00 - 18:00)</b>	€ 350.-	€ 450.-
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MIMVS wetlab II is identical to wetlab I

<b>Beating heart wetlab</b> (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 neochordae implantation

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

<b>Combo beating heart and MIMVS wet lab</b>	€ 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

**INNSBRUCK** | AUSTRIA  
SEPTEMBER 15 - 18, 2024

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