



FOCUS: Valve 2023

3D live surgeries - workshops - wetlabs

Minimally invasive surgery - best option in operable valve disease

Focus on: Barlow's disease and endoscopic AVR

**14th Training Course for
Minimally Invasive Heart Valve Surgery
Medical University Innsbruck**

INNSBRUCK | AUSTRIA | SEPT. 10 - 13, 2023



www.focusvalve.org

GENERAL INFORMATION

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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



MAW – International Exhibitions and Advertising
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HIGHLIGHTS 2023:

Live surgeries:

- Myxomatous mitral valve degeneration.
- Endoscopic aortic valve replacement.
- Can we avoid full sternotomy for valve surgery?

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 in a porcine beating heart model

SCIENTIFIC PROGRAM

DAY 1, Sunday, September 10, 2023

Barlow's disease – a myth?

13:00 - 14:00 **Workshop 1:**
Morphology and pathophysiology of “Barlow’s”
Chair: TBA

The genetics of myxomatous degeneration
Echo findings in a nut-shell
Multimodality imaging for surgical repair
Procedural planning for MVR in Barlow:
5 questions for the echocardiographer

14:00 - 15:30 **Workshop 2:**
Barlow’s disease treatment
Chair: TBA

Barlow: a condition for valve repair and not replacement
The cut and sew technique is still valid
Loops and ring: for all patients
When is a single ring enough?
Edge-to edge repair and ring: a reproducible way
MAC: the late face of Barlow’s disease

15:30 **Coffee break**

16:00 - 18:00 **Workshop 3:**
The theory behind it...
Chair: TBA

Mitral annular disjunction
Functional prolapse
SAM

Live-in-a-box: How I...

- Treat Barlow’s disease with anatomical prolapse?
- Treat Barlow’s disease with functional prolapse?
- Repair a Barlow mitral valve with annular calcifications?
- Treat SAM in a second cross-clamp?

18:00 **End of Day 1**

SCIENTIFIC PROGRAM

DAY 2, Monday, September 11, 2023

08:30 - 09:00 **Welcome**

Introductory lecture: MVR – Carpentier, Barlow and beyond

09:00 - 12:00 **Live surgeries transmitted from OR** **Moderation: Perier P, Facilitator: Kempfert J** **Panel: TBA**

Case presentation

Live case 1

Endoscopic AVR

Surgeons: TBA

Live case 2

Endoscopic MVR (P2-prolaps)

Surgeons: TBA

Discussion of strategies: Panel

10:15 **Coffee break**

Live-in-a-box 1: Right anterior mini-thoracotomy AVR

Live-in-a-box 2: Endoscopic transmitral septal myectomy for HOCM

Live-in-a-box 3: Totally endoscopic AVR using sutureless valves

Live-in-a-box 4: Minimally invasive Redo-AVR

09:00 - 12:00 **Wetlab: Artificial chordae implantation and valve sizing**

Tutor: Sakic A (parallel during live surgeries – 60 min training)

meeting point: registration desk

12:30 - 13:00 **Lunch break**

SCIENTIFIC PROGRAM

DAY 2, Monday, September 11, 2023

13:00 - 14:00 **The technology corner 1**

Chair: TBA

Automatic suturing device for artificial chords
Automatic suturing device for valve replacement
Articulated instruments
Atrial occlusion: devices, accesses and pitfalls

14:00 - 14:30 **Keynote lecture: Barlow's disease and syndrome: a conflict with history** **Perier P**

14:30 - 18:00 **Live surgeries transmitted from OR** **Moderation: Pomar J-L, Facilitator: Treede H** **Panel: TBA**

Case presentation

Live case 3

Mini-Sternotomy AV-MV-Surgery
Surgeons: TBA

Live case 4

Endoscopic MVR (functional prolaps)
Surgeon: TBA

Discussion of strategies: Panel

16:00 - 16:30 **Coffee break**

Presentations during live surgeries: The minimally invasive multiple valve disease corner

Live-in-a-box 5: Transaxillary AVR+MVR
The theory behind open annuloplasty rings in Barlow's disease
Sternum-sparing techniques for double valve procedures
Tricuspid valve repair in minimally invasive mitral surgery
raises the risk: PRO
Tricuspid valve repair in minimally invasive mitral surgery
raises the risk: CONTRA

18:00 **End of Day 2**

SCIENTIFIC PROGRAM

DAY 3, Tuesday, September 12, 2023

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

Introduction TBA

Honored guest lecture **Beyersdorf F**

09:00 - 12:30 **Live surgeries transmitted from OR**
Moderation: Alfieri O, Facilitator: Zacharias J
Panel: TBA

Case presentation

Live case 5

Mini-Sternotomy MVR-TV

Surgeon: TBA

Live case 6

Endoscopic concomitant MVR-Afib surgery

Surgeon: TBA

Discussion of strategies: Panel

10:00 **Coffee break**

Presentations during live surgeries:

Live-in-a-box 6: Endoscopic redo Tricuspid on the beating Heart

Live-in-a-Box 7: Robotic MVR

Live-in-a-Box 8: Endoscopic mitral replacement

Live-in-a-Box 9: Mitral valve repair and coronary surgery
via left anterior minithoracotomy

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

SCIENTIFIC PROGRAM

DAY 3, Tuesday, September 12, 2023

13:30 - 14:30 Technology corner 2: The transcatheter alternatives

TMVI in Barlow's disease
TEER for Barlow's disease
Transapical NeoChords for Barlow
TMVI-Valve-in-Valve for failed bioprosthesis

14:30 - 18:00 Live surgeries transmitted from OR
Moderation: Reichenspurner S, Facilitator: Conradi L
Panel: TBA

Case presentation

Live case 7

Transaxillary direct vision MVR
Surgeon: TBA

Live case 8

Endoscopic MVR (complex repair)
Surgeon: TBA

Discussion of strategies: Panel

Coffee break

Live-in-a box 10:

Thoracoscopic ablation for stand-alone atrial fibrillation
Presentations during live surgeries: A roadmap for Afib treatment
Recommendations and evidence for the pocket in patients with concomitant valvular heart disease
Clamps and energy sources for atrial ablation
Hybrid ablation for lone AF

18:00 End of Day 3

SCIENTIFIC PROGRAM

DAY 4, Wednesday, September 12, 2023

08:00 - 12:00 **TEE for surgeons** **conference room anaesthesiology**

Tutors: Velik-Salchner C, Mair P

08:30 - 16:30 **Porcine beating heart wetlab
(8 groups of 4 - 5 participants)** **seminar room I**

*Tutors: Bonaros N., Krapf Ch, Stastny L, Metzler B, Friedrich G,
Pözl G, Hintringer F, Theurl M*

TAVI:

Training of balloon expandable TAVI under
fluoroscopy and cardioscopy, 90 min. group

MITRAL:

Training of Mitraclip implantation under TEE and
cardioscopy guidance, 90 min. group
Transapical neochordae implantation, 90 min. group

09:00 - 13:00 **MIMVS Wetlab I - 3D Endoscopic Training (morning)** **seminar room II**

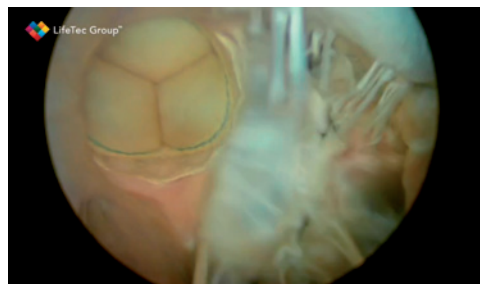
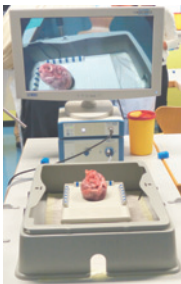
Tutors: Hangler H, Höfer D

Practising MIMVS. Focus on shafted instruments, videoendoscopy, knot tying

14:00 - 18:00 **MIMVS Wetlab II (afternoon)** **seminar room II**

Tutors: Hangler H, Höfer D

Identical to MIMVS Wetlab I



ONLINE REGISTRATION: <https://registration.maw.co.at/valve23>

REGISTRATION FEES

Preregistration
until August 7, 2023

On site registration
after August 7, 2023

DAY 1 – 3, September 10 – 12, 2023

Focus valve training course	€ 900.-	€ 1.050.-
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DAY 4, September 13, 2023

TEE for surgeons	€ 450.-	€ 550.-
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MIMVS wetlab I (09:00 – 13:00)	€ 450.-	€ 550.-
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MIMVS wetlab II (14:00 – 18:00)	€ 450.-	€ 550.-
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MIMVS wetlab II is identical to wetlab I

Beating heart wetlab	€ 300.-	€ 350.-
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(price per session)

<u>TAVI sessions</u>	8:30-10:00	10:30-12:00	13:00-14:00	15:00-16:30
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<u>Mitral sessions</u>	8:30-10:00	10:30-12:00	13:00-14:00	15:00-16:30
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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.

Combo Beating heart wetlab	€ 450.-	€ 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/valve23>
- The confirmation E-Mail contains a team code
- Use the team code to register up to 5 team members.

The team registration discount conditions are as follows:

- 2nd team member – 20 % discount
- 3rd team member – 40 % discount
- 4th team member – 40 % discount
- 5th team member – 40 % discount

The team registration discount is limited to 5 members per team.

NOTES

NOTES

INNSBRUCK | AUSTRIA
SEPTEMBER 10 - 13, 2023

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