



# 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*

**14<sup>th</sup> Training Course for**

**Minimally Invasive Heart Valve Surgery**

**Medical University Innsbruck**

**INNSBRUCK | AUSTRIA | SEPT. 10 - 13, 2023**



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

## GENERAL INFORMATION

### COURSE DIRECTORS

Nikolaos BONAROS  
Michael GRIMM

### SENIOR DIRECTOR

Ludwig MÜLLER

### CO DIRECTORS

Ottavio ALFIERI  
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Patrick PERIER  
Jose Luis POMAR

### SCIENTIFIC SECRETARY

Daniel HÖFER

### 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 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

|              |                   |                        |
|--------------|-------------------|------------------------|
| <b>08:30</b> | <b>ICU report</b> | <b>Surgeon on duty</b> |
|--------------|-------------------|------------------------|

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-TVR

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     seminar room I**  
**(8 groups of 4 - 5 participants)**

*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**

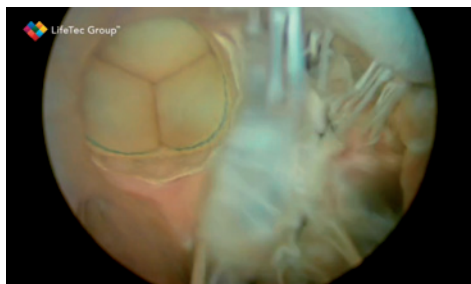
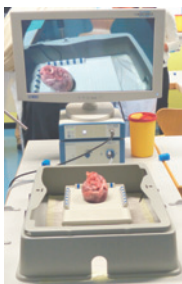
*Tutors: Hangler H, Höfer D*

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   |   |         |  |           |
|--|---|---------|--|-----------|
| <b>Focus valve training course</b>   |   | € 900.- |  | € 1.050.- |
| DAY 4, September 13, 2023  |   |         |  |           |
| <b>TEE for surgeons</b>  |   | € 450.- |  | € 550.-   |
| <b>MIMVS wetlab I (09:00 – 13:00)</b>  |   | € 450.- |  | € 550.-   |
| <b>MIMVS wetlab II (14:00 – 18:00)</b>   |   | € 450.- |  | € 550.-   |
| MIMVS wetlab II is identical to wetlab I   |   |         |  |           |
| <b>Beating heart wetlab</b><br>(price per session)   |   | € 300.- |  | € 350.-   |
| <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 wetlab</b>  |   | € 450.- |  | € 550.-   |
| By booking of two sessions<br>(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**

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**INNSBRUCK** | AUSTRIA  
SEPTEMBER 10 - 13, 2023

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