

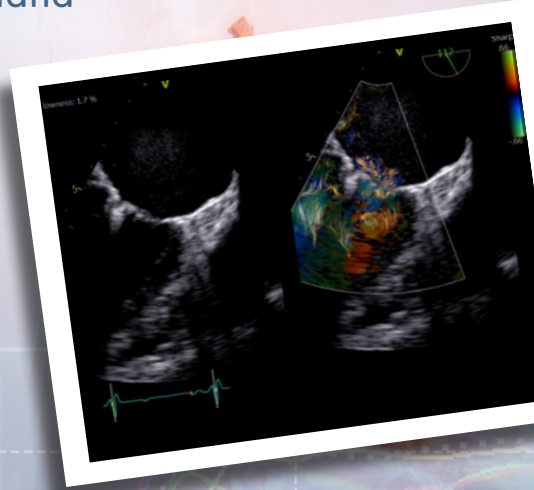


Advanced  
Swiss Cardiac  
Imaging Course

**Thursday / Friday**  
**30<sup>th</sup> – 31<sup>st</sup> of October 2025**

Cardiology, General Hospital Aarau,  
A-Clinic, Switzerland

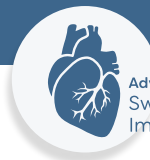
**Credits:**  
**14 SGK / SSC**



**Register now!**



Programme



THANK YOU FOR YOUR SUPPORT.

### GOLD



### BRONZE



Bayer



GE HealthCare

Medtronic

**PHILIPS**



### Scientific committee

- PD Dr. med. Tobias Fuchs
- Dr. med. Yakup Yakupoglu
- Prof. Dr. med. Markus Niemann
- Prof. Dr. med. Michel Zuber
- Prof. Dr. med. Laurent Haegeli

### Programme / Registration

[www.ascic-aarau.ch](http://www.ascic-aarau.ch)

### Organiser

General Hospital Aarau, A-Clinic  
Medical University Clinic, Cardiology  
Tellstrasse 25  
5001 Aarau  
Switzerland  
[congress@ascic-aarau.ch](mailto:congress@ascic-aarau.ch)

### Venue

General Hospital Aarau, A-Clinic  
Lecture hall - House 1



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**Advanced Swiss Cardiac Imaging Course**  
**Differential diagnosis– Translation from experts**  
**to clinical practice**

Differential diagnosis in imaging is one of the most important questions in echocardiography with great impact in clinical practice. This holds true in cardiomyopathies, valvular, congenital, hypertensive heart disease and heart failure. Specific treatments have become available, highlighting the importance in guiding towards the best therapeutic approach and follow-up. We will start with live dissection of a heart with correlation to echocardiography with guidelines and MRI to discuss normal anatomy, artefacts, measurements and normal variants. This 2 day course will help cardiologists to refresh and gain knowledge to translate differential diagnosis from basics to advanced imaging and see several live imaging too.

Best regards,

PD Dr. med.  
Tobias Fuchs

Dr. med.  
Yakup Yakupoglu

Prof. Dr. med.  
Markus Niemann

Prof. Dr. med.  
Michel Zuber

Prof. Dr. med.  
Laurent Haegeli



## THURSDAY, 30<sup>TH</sup> OCTOBER 2025

09:00	<b>Welcome</b>	L. Haegeli, Aarau M. Zuber, Aarau
	<b>Session 1 – Differential diagnosis in anatomy and microstructure</b> Chair: G. Sutherland, London / T. Fuchs, Aarau	
09:10	<b>Correlation of anatomy, echocardiography with guidelines and MRI with live dissection of a pig heart</b>	M. Niemann, Aarau M. Zuber, Aarau
10:00	Discussion and cases with artefacts / variants	
10:30	<b>Coffee break</b>	
10:50	<b>Remodeling patterns of the myocardial microstructure change</b>	B. Bijnens, Barcelona
11:20	Discussion with faculty and audience	
	<b>Session 2 – Differential diagnosis in myocardial wall pathologies and function</b> Chair: A. Fraser, Cardiff / G. Sutherland, London	
11:30	<b>Differential diagnosis of left ventricular hypertrophy</b>	Y. Yakpuoglu, Aarau
11:50	<b>Differential diagnosis of rare diseases</b>	M. Niemann, Aarau
12:10	Discussion with faculty and audience	
12:25	<b>Differential diagnosis of left ventricular systolic function</b>	B. Bijnens, Barcelona
12:45	Discussion with faculty and audience	
12:55	<b>Live case</b>	T. Fuchs, Aarau
13:15	<b>Lunch</b>	
	<b>Session 3 – Differential diagnosis of aortic disease</b> Chair: L. Herbots, Leuven / C. Attenhofer, Zurich	
14:00	<b>Drivers of arterial remodeling</b>	B. Bijnens, Barcelona
14:20	Discussion with faculty and audience	
14:30	<b>Differential diagnosis in abdominal aortic disease</b>	
14:50	Discussion with faculty and audience	
15:00	<b>Differential diagnosis in thoracic aortic disease</b>	
15:20	Discussion with faculty and audience	
15:30	<b>Coffee break</b>	
15:50	<b>Differential diagnosis of the aortic valve</b>	
16:10	Discussion with faculty and audience	



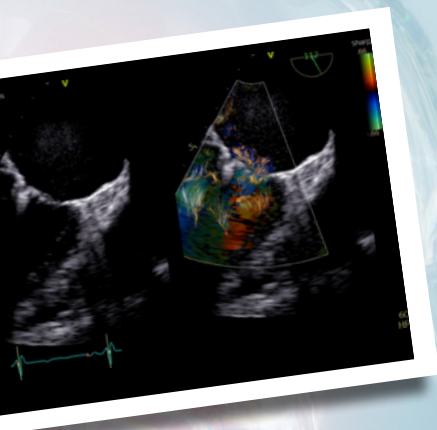
16:20	<b>Differential diagnosis of LV-aortic coupling: is it the aorta or the LV?</b>	A. Fraser, Cardiff
16:50	Discussion with faculty and audience	
	<b>Session 4 – The quiz</b> Chair: G. Sutherland, London / M. Zuber, Aarau	
17:00	<b>Differential diagnosis</b>	M. Niemann, Aarau
17:35	<b>End of the day</b>	

## FRIDAY, 31<sup>ST</sup> OCTOBER 2025

08:20	<b>Welcome</b>	L. Haegeli, Aarau M. Zuber, Aarau
	<b>Session 5 – Differential diagnosis of ischemia in stress echocardiography</b> Chair: G. Sutherland, London / Y. Yakupoglu, Aarau	
08:30	<b>Ischemic reaction in coronary and non coronary artery disease</b>	L. Herbots, Leuven
09:00	Discussion with faculty and audience	
	<b>Session 6 – Differential diagnosis requiring multimodality / advanced imaging in rhythmology</b> Chair: G. Sutherland, London / Y. Yakupoglu, Aarau	
09:10	<b>Differential diagnosis in ventricular ectopic beats and arrhythmias</b>	
10:00	Discussion with faculty and audience	
10:10	<b>Coffee break</b>	
10:30	<b>Multimodality under «electrical fire»</b>	L. Haegeli, Aarau
10:50	Discussion with faculty and audience	
	<b>Session 7 – Differential diagnosis in the RV</b> Chair: L. Herbots, Leuven / B. Kaufmann, Basel	
11:00	<b>Differential diagnosis in RV pressure loading</b>	B. Bijnens, Barcelona
11:20	Discussion with faculty and audience	
11:30	<b>Differential diagnosis of tricuspid valve disease</b>	
11:50	Discussion with faculty and audience	
12:00	<b>Live cases</b>	Y. Yakupoglu, Aarau L. Herbots, Leuven
12:30	<b>Lunch</b>	



<b>Session 8 – Differential diagnosis of echo patterns</b> Chair: B. Bijmens, Barcelona		
13:10	<b>Differential diagnosis in hepatic flow patterns</b>	L. Herbots, Leuven
13:30	Discussion with faculty and audience	
13:40	<b>Differential diagnosis of pulmonary veins patterns</b>	
14:00	Discussion with faculty and audience	
14:10	<b>Differential diagnosis in myocardial velocity patterns</b>	A. Fraser, Cardiff
14:30	Discussion with faculty and audience	
14:40	<b>Differential diagnosis with lung sonography patterns</b>	
15:00	Discussion with faculty and audience	
15:10	<b>Coffee break</b>	
<b>Session 9 – The final</b> Chair: G. Sutherland, London / T. Fuchs, Aarau		
15:40	<b>Live cases</b>	M. Zuber, Aarau
16:25	<b>Differential diagnosis – ECG-quiz competition with prizes</b>	L. Haegeli, Aarau
16:50	<b>Closing words</b>	L. Haegeli, Aarau
17:00	<b>End of the day</b>	



**Register now!**



## Arrival

The General Hospital Aarau is easy to reach by public transport.

SBB timetable:



## Congress Office

andfrank ag  
Walzmühlestrasse 49a  
8500 Frauenfeld  
+41 56 648 28 00  
congress@ascic-aarau.ch  
www.ascic-aarau.ch

## FACULTY

### Local

Fuchs Tobias, PD Dr. med., Aarau  
Yakupoglu Yakup, Dr. med., Aarau  
Niemann Markus, Prof. Dr. med., Aarau  
Zuber Michel, Prof. Dr. med., Aarau  
Haegeli Laurent, Prof. Dr. med., Aarau

### National

Publication of the national speakers after confirmation.

### International

Bijnens Bart, Prof. Dr. med., Barcelona  
Fraser Alan, Prof. Dr. med., Cardiff  
Lieven Herbots, Dr. med., Leuven  
Sutherland George, Prof. Dr. med., London

## Participation fee

Both days:	CHF	500.-
One day:	CHF	300.-

### *Physician in training and Sonographer*

Both days:	CHF	250.-
One day:	CHF	150.-

Dinner, 30 <sup>th</sup> Oct.:	CHF	100.-
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## Accreditation

The event is accredited by the SGK / SSC with 14 credits.