

Mitral and tricuspid imaging: a 2-day practical academy

(in collaboration with the PCR Tricuspid Focus Group)



Organising Committee

PD Dr. med. Nicolas Brugger

Prof. Dr. med. Fabien Praz

InselSpital

InselSpital

National Faculty

Dr. med. Joanna Bartkowiak

PD Dr. med. Patrick Biaggi

PD Dr. med. Nicolas Brugger

PD Dr. med. Stefano de Marchi

Dr. med. Gabriella De Pasquale Meyer

Prof. Dr. Dr. med. Christoph Gräni

Dr. med. Raouf Madhkour

Prof. Dr. med. Fabien Praz

Dr. med. Nicolas Ramseier

PD Dr. med. Simon Stämpfli

InselSpital

Herzlinik, Zürich

InselSpital

InselSpital

Klinik im Park, Zürich

InselSpital

InselSpital

InselSpital

InselSpital

Kantonsspital, Luzern

International Faculty

Dr. Isabel Körber

Dr. Nina Wunderlich

Köln

Darmstadt

Program

Day 1 18.09.2025 (Mitral)

9h45-10h Welcome coffee

10h-10h15 Welcome message and aims of the course

Fabien Praz, Nicolas Brugger

10h15-10h30 Safety during transoesophageal echocardiography: a case-based demonstration (15min)

Stefano de Marchi

Inselspital, Bern

10h30-10h45 Discussion (15min)

10h45-11h00 2D TEE of the mitral valve: tips and tricks

Simon Stämpfli

Kantonsspital Luzern

11h00-11h15 Discussion (15min)

11h15-11h30 3D TEE of the mitral valve

Nicolas Brugger

Inselspital, Bern

11h30-11h45 Discussion (15min)

11h45-12h15 Interactive case discussions: which anatomy for edge-to-edge repair?

Fabien Praz

Bern

Isabel Körber

Köln

12h15-13h15 Lunch break

**Restaurant Flavour
Kitchen SITEM**

13h15-14h00 Live TEE case 1: TEE exam of a patient with primary mitral regurgitation before transcatheter treatment

Isabel Körber

Simon Stämpfli

14h00-14h45 Practical exercises in 3 groups

Group 1: 2D und X-Plane/Multi-D/3D

Nicolas Ramseier

Simon Stämpfli

Mentis simulators

Inselspital, Bern

Kantonsspital Luzern

Group 2: Post-processing of 3D volumes in TomTec

Nicolas Brugger

Raouf Madhkour

Computer in CATH

Inselspital, Bern

Inselspital, Bern

Group 3: Meet the experts: tips and tricks for guiding of mitral procedures

Patric Biaggi

Gabriella de Pasquale Meyer

Fabien Praz

Herzklinik, Zurich

Klinik im Park, ZH

Inselspital, Bern

14h45-15h00 Coffee break

15h00-15h45 Practical exercises in 3 groups

Group 1: 2D und X-Plane/Multi-D/3D

Nicolas Ramseier

Simon Stämpfli

Mentis simulators

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Group 2: Post-processing of 3D volumes in TomTec

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Computer in CATH

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Group 3: Meet the experts: tips and tricks for guiding of mitral procedures

Patric Biaggi

Gabriella de Pasquale Meyer

Fabien Praz

Herzklinik, Zurich

Klinik im Park, ZH

Inselspital, Bern

15h45-16h30 Live TEE case 2: TEE exam of patient with secondary mitral regurgitation before transcatheter treatment

Patric Biaggi

Gabriella de Pasquale Meyer

Herzklinik, Zurich

Klinik im Park, Zürich

16h30-17h15 Interactive live in a box transcatheter mitral valve procedure

Fabien Praz

Inselspital, Bern

Nicolas Brugger

Inselspital, Bern

17h15 -17h30 Take home messages and wrap-up

Fabien Praz and Nicolas Brugger

19h00 Dinner (Hotel Alpenblick)

Day 2 19.09.2025 (Tricuspid) – in collaboration with the PCR Tricuspid Focus Group

08h15-08h30 Welcome coffee

08h30-08h45 Natural history and prognosis of tricuspid regurgitation (15min)

Fabien Praz

Inselspital; Bern

08h45-09h00 Discussion (15min)

09h00-09h30 State-of-the art on how to image the tricuspid valve (30min)

Nina Wunderlich

Darmstadt, Germany

09h30-09h45 Discussion (15min)

09h45-10h00 Tips and tricks on how to optimize imaging of the tricuspid valve (15min)

Nicolas Brugger

Inselspital, Bern

10h00-10h15 Discussion and questions (15min)

10h15-10h30 Coffee break

10h30-11h30: Practical exercises in 2 groups

Group 1: 2D und X-Plane/Multi-D/3D

Nicolas Ramseier

Simon Stämpfli

Mentis simulators

Inselspital, Bern

Kantonsspital Luzern

Group 2: Full heart beating heart simulator

Nina Wunderlich

Nicolas Brugger

Simulands

Darmstadt, Germany

Inselspital, Bern

11h30-11h45 Evidence for the treatment of the tricuspid valve (15min)

Joanna Bartkowiak

Inselspital, Bern

11h45-12h00 Discussion and questions (15min)

12h00-13h00 Lunch

**Restaurant Flavour
Kitchen SITEM**

13h00-13h45 Live TEE case: TEE exam of a patient with secondary tricuspid regurgitation before transcatheter treatment

*Patrick Biaggi
Nina Wunderlich*

*Herzlinik Zurich
Darmstadt, Germany*

13h45-14h15 Interactive live in a box transcatheter tricuspid valve procedure

*Nicolas Brugger
Fabien Praz*

*Inselspital, Bern
Inselspital, Bern*

14h15-14h30 Coffee break

14h30-14h50 The role of CT for structural interventions

Christoph Gräni

Inselspital, Bern

14h50-15h00 Discussion and questions (10min)

15h00-15h45 Practical exercises in 2 groups

*Measurement of mitral and tricuspid annulus, valve simulation, neo-LVOT
Fabien Praz
Joanna Bartkowiak*

3-mensio

15h45-16h00 Take home messages and wrap-up

Fabien Praz, Nicolas Brugger