

## Course Information

### Course Directors:

Dominique Bettex, Zurich  
Pierre-Guy Chassot, Lausanne  
Manfred Seeberger, Basel  
Cédric Vuille, Nyon

### Faculty:

Faculty members are specialists in echocardiography from the fields of cardiology, anaesthesiology and cardiac surgery.

Alain Delabays, Lausanne  
Balthasar Eberle, Berne  
Jörg Ender, Leipzig, Germany  
Miodrag Filipovic, St. Gallen  
Beat Kaufmann, Basel  
Isabelle Michaux, Yvoir, Belgium  
Xavier Mueller, Lucerne  
René Prêtre, Zurich  
Chris Sulzer, Lausanne  
Hendrik Tevaearai, Berne

### Advanced Course Description:

This course is intended to enable participants with basic TEE knowledge to improve their theoretical understanding and interpretation skills. For more experienced participants, the course allows for brushing up and acquiring knowledge in rapidly advancing areas. The emphasis is on in-depth, practical applications, going from theoretical considerations and basic calculations to case interpretations and interactive clinical presentations. In addition, the surgical cardiac anatomy wet laboratory on Thursday will give an ideal chance to refresh one's knowledge on cardiac anatomy; a pig's heart will be available for each two participants.

### Continuing Medical Education Credits:

The Swiss Society of Cardiology designates this course for 18 hours of Category IA, the Swiss Society of Anaesthesiology and Reanimation 18,5 hours, the Swiss Society of Intensive Care Medicine and the Swiss Society of Thoracic and Cardiovascular Surgery 20 hours.

### Course Language:

English (no simultaneous translation will be available)

### Tuition fee:

Early registration: CHF 850.-- (paid before September 30, 2010)  
After September 30, 2010: CHF 950.-

## General Information

### Information & Registration:

Sylvia Christeller, Departement Anästhesie und Intensivbehandlung, Universitätsspital Basel, CH-4031 Basel  
[christellers@uhbs.ch](mailto:christellers@uhbs.ch)

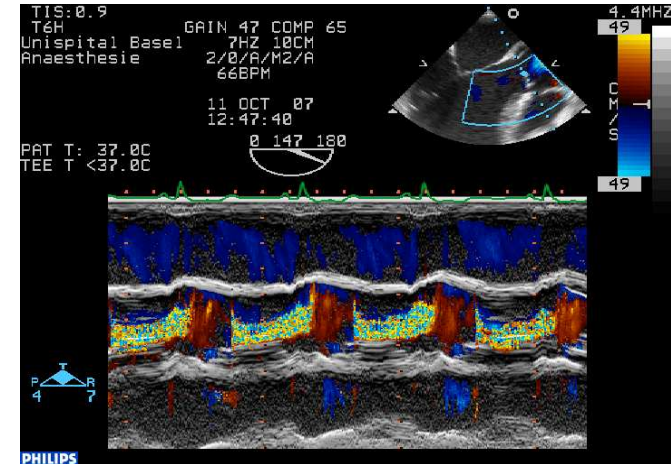
### Number of Participants:

The number of participants is limited. Registration will be performed based on the order of receipt of the tuition fee.

### Hotel Meeting Rate:

Rooms have been reserved in the Solbad Hotel at a meeting rate of CHF 145.-- per person and night. This price includes single room, all meals and free entrance to the "Wellness Oasis" with swimming pool and sauna etc. (CHF 125.-- per person in double room). Hotel homepage: <http://www.solbadhotel-sigriswil.ch>

# Advanced Course in Transesophageal Echocardiography



**November 25 – 27, 2010**

**Solbad Hotel Sigriswil**

Organized by the

Task Force for Transesophageal  
Echocardiography of the Swiss Society of  
Anesthesiology and Reanimation

*and the*

Working Group of Echocardiography and  
Cardiac Imaging of the Swiss Society of  
Cardiology

## Thursday, November 25, 2010

### Morning Session

09:00 – 09:30	Arrival of the participants, coffee & orange juice
09:30	<b>Welcome and introduction to the course</b> <i>Cédric Vuille, Dominique Bettex, Pierre-Guy Chassot, Manfred Seeberger</i>
09:35	<b>Introduction to transesophageal echocardiography:</b> Standard TEE views & uncommon views, safety consideration & contraindications <i>Cédric Vuille, Pierre-Guy Chassot</i>
10:45	<b>Break</b>
11:15 – 12:25	<b>Global systolic ventricular function; hemodynamic calculations</b> Lecture and interactive calculations <i>Jörg Ender</i>

12.30 Lunch, Hotel registration

### Afternoon Session

13:45	<b>New technologies:</b> tissue Doppler imaging, strain, 3D echocardiography <i>Jörg Ender</i>
	<b>3D echocardiography in clinical practice: mitral valve and more</b> <i>Jörg Ender</i>
14:45	<b>Indications for TEE in cardiology</b> <i>Beat Kaufmann</i>
15:30	<b>Break</b>
16:00	<b>Surgical cardiac anatomy wet laboratory</b> A pig's heart is available for each two participants <i>Hendrik Tevaearai, Xavier Mueller</i>
18:00 – 20:00	<b>Relax</b> and enjoy the "Wellness Oasis" with swimming pool and sauna etc
20:00	<b>Dinner</b>

## Friday, November 26, 2010

### Morning Session

08:00	<b>Quantification of valvular disease</b> Lecture and interactive case discussion (Part I) <i>Alain Delabays</i>
08:45	<b>Quantification of valvular disease</b> Lecture and interactive case discussion (Part II) <i>Alain Delabays</i>
09:15	<b>Prosthetic valves</b> Lecture and interactive case discussion <i>Cédric Vuille; case discussion together with René Prêtre, Dominique Bettex, Alain Delabays</i>
10:15	<b>Break</b>
10:45	<b>Valvular repair</b> Lecture and interactive case discussion <i>Dominique Bettex; case discussion together with Cédric Vuille, René Prêtre, Alain Delabays</i>
11:45 – 13:00	<b>Decision making in cardiac surgery</b> Interactive case discussion <i>Miodrag Filipovic, together with Cédric Vuille, René Prêtre, Alain Delabays</i>

13:05 Lunch

### Afternoon Session

14:30	<b>TEE in patients undergoing surgery of the thoracic aorta</b> <i>Balthasar Eberle</i>
15:15	<b>Diastolic function</b> Lecture and interactive case discussion <i>Alain Delabays</i>
16:00	<b>Break</b>
16:30	<b>Myocardial ischemia – quantification and complications</b> Lecture and interactive case discussion <i>Manfred Seeberger</i>
17:30	<b>TEE in hybrid procedures</b> <i>Dominique Bettex, Chris Sulzer</i>
18:30 – 20:00	<b>Relax</b> and enjoy the "Wellness Oasis" with swimming pool, sauna etc
20:00	<b>Dinner</b>

## Saturday, November 27, 2010

08:30	<b>Volemia and tamponade</b> <i>Pierre-Guy Chassot</i>
09:30	<b>Right ventricular function</b> Lecture and interactive case discussion <i>Isabelle Michaux</i>
10:15	<b>Break, Hotel check out</b>
10:45	<b>Congenital heart disease</b> Lecture and interactive case discussion <i>Pierre-Guy Chassot</i>
11:30	<b>Interactive case discussion</b> <i>Cédric Vuille, Dominique Bettex, Pierre-Guy Chassot</i>
12:45	<b>Course evaluation, feedback for organizers and faculty</b> <i>Cédric Vuille, Dominique Bettex, Pierre-Guy Chassot, Manfred Seeberger</i>
13:00	<b>Adjourn</b>

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