

Basic Teaching Course - Saturday 11.09.2010

Room: Kurland II - Registration 08:00 - 08:45

08:45
-
09:00

Welcome and Introduction

Pascal Colson, Joachim Erb

09:00
-
11:00

Getting started

Chairman: Bettina Jungwirth, Jan Hultman

09:00 - 09:30 Joachim Erb

Basic physics of ultrasound and image generation

09:30 - 10:00 Erik Sloth

Basic transthoracic imaging planes

10:00 - 10:30 Jan Hultman

Generating the first TOE images: Eight basic standard planes

10:30 - 11:00 Justin Williams

Basics of Doppler echocardiography

11:00 - 11:30

Coffee/Tea - Exhibition

11:30
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13:00

Hands-on: Getting a feel

Sue Wright - Heartworks

Station A: TOE simulator basic planes (Arkadia-Urania)

Erik Sloth, faculty

Station B: TTE Hands-on basic planes (Berlin-Urbino)

Joachim Erb, faculty

Station C: Knobology at echo machines (Ceres)

13:00 - 14:00

Lunch

14:00
-
15:30

Aortic valve and ventricular function

Chairman: Erik Sloth, Justin Williams

14:00 - 14:30 Justiaan Swanevelder

Echo anatomy and basic examination of the aortic valve

14:30 - 15:00 Bettina Jungwirth

Introduction into global LV function assessment: EF, FAC, SV

15:00 - 15:30 Manfred Seeberger

Assessment of regional wall motion abnormalities

15:30 - 16:00

Coffee/Tea - Exhibition

16:00
-
18:00

Hands-on: aortic valve and ventricular function

Sue Wright - Heartworks

Station A: TOE simulator LV and aortic valve (Arkadia-Urania)

Erik Sloth, faculty

Station B: TTE global LV function assessment (Berlin-Urbino)

Manfred Seeberger

Station C: Global and regional LV function assessment (Neuzirat)

Basic Teaching Course - Sunday 12.09.2010

Room: Kurland II - Registration 08:00 - 09:00

09:00
-
11:00

Mitral valve, principles in valvular dysfunction, image optimisation

Chairman: Marco Ranucci, Chiroit Mukherjee

09:00 - 09:30 Joachim Erb
09:30 - 10:15 Dominique Bettex
10:15 - 10:45 John Kneeshaw
10:45 - 11:00

Applied physics and knobology: how to optimise your echo image
Echo anatomy and basic examination of the mitral valve
General principles in evaluating valvular insufficiency and stenosis
Questions and answers

11:00 - 11:30

Coffee/Tea - Exhibition

11:30
-
13:00

Hands-on: mitral valve, valvular dysfunction, knobs

Sue Wright - Heartworks
John Kneeshaw, Dominique Bettex

Station A: TOE simulator mitral valve (Arkadia-Urania)

Station B: Evaluating insufficiency and stenosis
(Neuosier/Neuzirat)

Joachim Erb, faculty

Station C: Image optimisation at echo machines (Ceres)

13:00 - 14:00

Lunch

14:00
-
15:30

Right heart, atria, connecting and surrounding structures

Chairman: Bettina Jungwirth, Rob Feneck

14:00 - 14:30 Bettina Jungwirth
14:30 - 15:00 Isabelle Michaux
15:00 - 15:30 Justin Williams
15:30 - 16:00 Jan Hultman

Echo anatomy and basic examination of right heart valves
Introduction into RV function assessment
Atria, great vessels, pericardium
Comprehensive TOE Examination

16:00 - 16:30

Coffee/Tea - Exhibition

16:30
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18:00

Hands-on: comprehensive TOE examination and quiz

Sue Wright - Heartworks

Station A: Comprehensive exam at the TOE simulator
(Arkadia-Urania)

Jan Hultman
Erik Sloth

Station B: Reviewing a comprehensive exam (Neuosier)

Station C: Interesting cases where FATE makes a difference