

## Thoracic ultrasound 24-25 May 2018 Odense, Denmark

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### Online modules

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1. Introduction
2. Basic US principles
3. Focused lung ultrasound
4. Chest sonography
5. Focused cardiac ultrasound

Pre-course assessment test: 80% correct answers are needed in order to pass the test.

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### Thursday, 24 May 2018

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- 08:45 – 09:00** Registration
- 09:00 – 09:15** Welcome and introduction – Course organiser
- Lectures and hands-on sessions**
- Hands-on training (HOT) will be performed on healthy volunteers.
- 09:15 – 09:30** Basic knobology – C.B. Laursen, Pia I. Pietersen
- 09:30 – 10:15** HOT: Basic knobology – all faculty
- 10:15 – 10:30** *Coffee break*
- 10:30 – 10:45** The chest wall – C.B. Laursen
- 10:45 – 11:30** HOT: The chest wall – all faculty
- 11:30 – 12:00** *Lunch*
- 12:00 – 12:15** Normal lung and FLUS examination technique – C.B. Laursen, Stefan Posth
- 12:15 – 13:00** HOT: Normal lung and FLUS examination technique – all faculty
- 13:00 – 13:15** Effusion, pneumothorax and interstitial syndrome – M. Bendixen, J.R. Davidsen
- 13:15 – 14:00** HOT: Effusion, pneumothorax and interstitial syndrome – all faculty
- 14:00 – 14:15** *Coffee break*
- 14:15 – 14:30** Lung consolidation, diaphragm, mediastinum – S. Helbo, C.B. Laursen
- 14:30 – 15:15** HOT: Lung consolidation, diaphragm, mediastinum – all faculty
- 15:15 – 15:30** *Coffee break*
- 15:30 – 16:15** Case-based training – all faculty
- 16:15 – 16:30** Question and answer session and summary of sessions – all faculty
- 19:00** Course dinner



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**Friday, 25 May 2018**

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**09:00 – 09:05** Introduction

**Lectures and hands-on sessions**

When possible HOT will be performed on volunteer patients.

**09:05 – 09:20** Thoracic ultrasound reporting and documentation – C.B. Laursen

**09:20 – 10:20** HOT 1: Patient cases\* – all faculty

**10:20 – 10:30** *Coffee break*

**10:30 – 11:30** HOT 2: Patient cases\* – all faculty

**11:30 – 12:00** *Lunch*

**12:00 – 13:00** HOT 3: Patient cases\* – all faculty

**13:00 – 14:00** HOT 4: Patient cases\* – all faculty

**14:00 – 14:15** *Coffee break*

**14:15 – 15:15** Course certification (practical and theoretical test)

**15:15 – 15:30** Question and answer session & course evaluation

\*Patient cases: Participants perform thoracic ultrasound on volunteer patients from the ED, ICU, Resp. med ward & Thoracic Surgery Ward