

Thoracic ultrasound 10-11 October 2019 Odense, Denmark

Online module

It is mandatory that participants complete and successfully pass the following five topics followed by a pre-course assessment test before attending the onsite course:

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

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

Thursday, 10 October 2019

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.
	HOT facilitators: N. Jacobsen, S. Posth
09:15 – 09:30	Basic knobology – C.B. Laursen, P.I. Pietersen
09:30 – 10:00	HOT: Basic knobology – all faculty
10:00 – 10:15	<i>Coffee break</i>
10:15 – 10:30	Normal lung and FLUS examination technique – C.B. Laursen
10:30 – 11:15	HOT: Normal lung and FLUS examination technique – all faculty
11:15 – 11:30	Chest wall and related structures – C.B. Laursen
11.30 – 12:15	HOT: Chest wall and related structures – all faculty
12:15 – 12:45	<i>Lunch</i>
12:45 – 13:00	Effusion, pneumothorax and interstitial syndrome – M. Bendixen, J.R. Davidsen
13:00 – 13:45	HOT: Effusion, pneumothorax and interstitial syndrome – all faculty
13.45 – 14:00	Lung consolidation, diaphragm, mediastinum, heart – S.H. Skaarup, C.B. Laursen
14:00 – 14:45	HOT: Lung consolidation, diaphragm, mediastinum, heart – all faculty

- 14:45 – 15:00** *Coffee break*
- 15:00 – 16:00** Case-based training – all faculty
- 16:00 – 16:15** Question and answer session and summary of sessions – all faculty
- 19:00** Course dinner

Friday, 11 October 2019

- 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