

## Thoracic ultrasound training programme Part 2 - Practical course

**23-24 January 2020**  
**Odense, Denmark**

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### Thursday, 23 January 2020

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<b>08:45 – 09:00</b>	Registration
<b>09:00 – 09:15</b>	Welcome and introduction – Course organiser
	<b>Lectures and hands-on sessions</b>
	Hands-on training (HOT) will be performed on healthy volunteers.
	HOT facilitators: Mads Astvad, Morten Bendixen, Jesper R. Davidsen, Pia Iben Pietersen, Niels Jacobsen, Christian B. Laursen, Stefan Posth
<b>09:15 – 09:30</b>	Basic knobology – C.B. Laursen, P.I. Pietersen
<b>09:30 – 10:00</b>	HOT 1: Basic knobology – all faculty
<b>10:00 – 10:15</b>	<i>Break</i>
<b>10:15 – 10:30</b>	Normal lung and FLUS examination technique – C.B. Laursen
<b>10:30 – 11:15</b>	HOT 2: Normal lung and FLUS examination technique – all faculty
<b>11:15 – 11:30</b>	Chest wall, parietal pleura and related structures – C.B. Laursen
<b>11:30 – 12:15</b>	HOT 3: Chest wall, parietal pleura and related structures – all faculty
<b>12:15 – 12:45</b>	<i>Lunch</i>
<b>12:45 – 13:00</b>	Effusion, pneumothorax and interstitial syndrome – M. Bendixen, J.R. Davidsen
<b>13:00 – 13:45</b>	HOT 4: Effusion, pneumothorax and interstitial syndrome – all faculty
<b>13:45 – 14:00</b>	Lung consolidation, diaphragm, abdomen and heart – S. Posth, C.B. Laursen
<b>14:00 – 14:45</b>	HOT 5: Lung consolidation, diaphragm, abdomen and heart – all faculty
<b>14:45 – 15:00</b>	<i>Break</i>
<b>15:00 – 16:00</b>	Case-based training – all faculty
<b>16:00 – 16:15</b>	Question and answer session and summary of sessions – all faculty
<b>19:00</b>	Course dinner

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**Friday, 24 January 2020**

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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 A\* – all faculty

**10:20 – 10:30** *Break*

**10:30 – 11:30** HOT B\* – all faculty

**11:30 – 12:00** *Lunch*

**12:00 – 13:00** HOT C\* – all faculty

**13:00 – 14:00** HOT D\* – all faculty

**14:00 – 14:15** *Break*

**14:15 – 15:15** HOT E\* – all faculty

**15:15 – 16:15** Course certification (practical test)

**16:15 – 16:30** 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

\*Invasive procedure: Participants perform US guided thoracocentesis on simulator / models