

Combined Course in Focused Assessment with Sonography for Trauma (FAST) and Basic Lung Ultrasound (LUS)

Objective:

FAST is a simple and systematic sonographic examination for the detection of free fluid in the pericardial sack and in the abdomen. FAST is an important adjunct in the primary survey of the trauma patient. It is easy and quickly learned and meets the basic needs for the non-radiologist in evaluating the trauma patient.

Basic LUS allows the clinician to perform point-of-care ultrasound in a wide range of patients with respiratory emergencies. Basic LUS has a steep learning-curve and allows the clinician to diagnose pulmonary oedema, pleural effusion, pneumothorax and lung consolidation.

The course is based on pre-course e-learning, followed by a one day hands-on course using humane and animal models. The instructors are all skilled clinicians who have been working with FAST / LUS on a daily basis for several years.

The following topics will be covered:

- Basic ultrasound theory including knobology, pitfalls and artefacts
- How to perform a FAST and LUS examination
- Pitfalls in the FAST and LUS examination
- Recognition of the most important abdominal, lung and pleura pathology

Date: March 18 2013

Venue: Aarhus University Hospital, Skejby, Brendstrupgaardsvej 100, 8200 Aarhus N, Denmark

Pre-course qualification: No prior experience is required.

Course convenor:

Søren S. Rudolph M.D., Dept of Anaesthesia and Critical Care, University Hospital Herlev.

Christian B. Laursen M.D., Research Unit at the Department of Respiratory Medicine, Odense University Hospital.

Professor Erik Sloth, Department of Anaesthesia and Intensive Care, Aarhus University Hospital, Skejby, having more than 20 years experience with point-of-care sonography.

Fee: 400 Euro including lunch

Language: English, if any non-Danish-speaking participants.

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