



WORKSHOP

NAVA VENTILATION AND LUNG ULTRASOUND IN THE NICU, TURKU, FINLAND

The purpose of this workshop is to increase the skills on the use of NAVA ventilation and lung ultrasound (LUS) in the NICUs. This is the first time we combine both modalities to offer the participants two new ways to enlarge their treatment and diagnosis options. Some previous experience and theoretical knowledge of NAVA and LUS as well as suitable equipment is of advantage (Servo-i or Servo-n ventilators, US machine with a LUS compatible probe).

The workshop will focus on

- interpretation of the Edi signal
- utilization of the monitoring capabilities
- individualization of the treatment
- implementation of NAVA in the NICU
- interpretation of LUS findings
- making a diagnosis using LUS
- implementation of LUS in the NICU

We aim to get together a group of NAVA and LUS users at the same level of experience. We encourage you to participate as a team of both doctor and nurse participants.

The course includes both theory sessions and bedside teaching with the patients on NAVA ventilation in the NICU. LUS examinations will also be performed with NICU patients. Each participant is invited to present a patient case which has a teaching point on either NAVA or LUS.

TIME AND PLACE

The course will be held in September 19-20, 2024 in Turku, Finland by Dr Hanna Soukka, Professor Liisa Lehtonen, Dr Frank Fuchs and Dr Nadya Yousef at the Turku University Hospital.

REGISTRATION AND ACCOMODATION

You can apply for the course by contacting Hanna Soukka at hanna.soukka@utu.fi. The registration fee is 800 € + taxes including the lunches and refreshments during the workshop. The participants are responsible to arrange their travelling and accommodation by themselves at their own expense. For more information, contact Dr Hanna Soukka, hanna.soukka@utu.fi

Turku University Hospital
Majakkasairaala, Savitehtaankatu 5
Lecture hall Bengtskär, 3rd floor

PROGRAM

Thursday, September 19

- 9 - 9:15 Welcome, Dr Hanna Soukka and Dr Frank Fuchs
- 9:15 - 10 Basics of NAVA ventilation, Dr Hanna Soukka
- 10 – 10:45 Patient cases of NAVA ventilation: Preterm infants, Prof Liisa Lehtonen
- 10:45 – 11 Coffee
- 11 – 11:30 Introduction to Lung ultrasound, Dr Nadya Yousef
- 11:30 – 12:30 Lunch
- 12:30 – 13:15 Making a diagnosis using lung ultrasound: Pneumothorax, interstitial syndrome, consolidations, Dr Frank Fuchs
- 13:15 – 13:45 Patient cases of Non-invasive NAVA ventilation: Dr Kjell Helenius
- 13:45 - 14 Coffee
- 14 Orientation to Turku NICU, Prof Liisa Lehtonen
- 14:30 Bedside teaching with NAVA and LUS patients
- 17:15 A guided walk in the Turku Cathedral
- 18:30 Dinner

Friday, September 20

- 08:30 Bedside teaching with NAVA and LUS patients
- 10:00 – 10:45 Use of lung ultrasound in Neonatology, Dr Nadya Yousef
- 10:45 – 11:15 Implementation of NAVA ventilation, Prof Liisa Lehtonen
- 11:15 – 12:15 Participants: patient cases 5-10 minutes each Lunch
- 12:15-13:15 Lunch
- 13:15-14.00 How to set up a Lung ultrasound program and Quiz, Dr Frank Fuchs
- 14:00 Coffee
- 14:15 - 15:00 NAVA trouble shooting, Dr Hanna Soukka
- 15:00 Certificates and closing of the workshop