

Third Thoracic Ultrasound Research Meeting and Webinar 2023

The third International Thoracic Ultrasound Research Meeting will take place Tuesday the 16.05.23. The purpose of the meeting is to bring together Danish and international researchers within thoracic ultrasound in order to:

- Provide a platform to present and discuss new, ongoing and completed TUS research projects
- Provide young researchers with direct input and feedback from other TUS researchers
- Identify key research questions for future TUS research projects
- Improve the overall quality in TUS research projects
- Support the establishment of additional TUS multicenter studies
- Expand and consolidate the national and international research network within the field

The meeting is not restricted to active TUS researchers; anyone with an interest in the field may participate.

Date: 16.05.23

Venue: Combined meeting at Odense University Hospital and webinar

Registration: christan.b.laursen@rsyd.dk

Program

- 10.00 – 10.15: Welcome (Søren H. Skaarup, Århus, DK & Christian B. Laursen, Odense, DK)

Upcoming and ongoing projects session (10 min + 5 min Q&A)

- 10.15-10.30: CODEX-P – COPD Exacerbations and Pulmonary Hypertension (Ema Rastoder, Gentofte-Herlev, DK)
- 10.30-10.45: Ultrasound surveillance of pleural disease in Rheumatoid arthritis (Suzy Guo, Oxford, UK)
- 11.00-11.15: Ability of ultrasound elastography to differentiate between malignant and benign lungparenchyma consolidations (Christian Kildegaard, Odense, DK)
- 11.15-11.30: Pleural contrast prior to biopsy for suspected malignant effusion (Dinesh Addala, UK)
- 11.30-11.45: TOUPIE protocol about chest Ultrasound and ILD (Thomas Flament, Tours, FR)

- **11.45-12.15: Lunch**

Completed projects and overviews (15 min + 5 min Q&A)

- 12.15-12.35: Focused lung ultrasound for in-home assessment of older adults; a pilot and feasibility study (Siri Aas Smedemark, Odense, DK)
- 12.35-12.55: Prehospital Ultrasound in Undifferentiated Dyspnea (PreLUDE) a prospective, clinical, observational study (Elise Gundersen, AUH, DK)
- 12.55-13.15: Diagnostic accuracy of handheld ultrasound devices used by novice operators for pneumonia (Morten H. Lorentzen, Aabenraa, DK)
- **13.15-13.30: Coffee break**
- 13.30-13.50: COVID-ECHO (Gilles Mangiapan, Creteil, FR)
- 13.50-14.10: Does ultrasound improve selection of patients with suspected pulmonary embolism for diagnostic imaging? - a multicenter randomized controlled trial (Casper Falster, Odense, DK)
- 14.10-14.30: Current use of thoracic ultrasound in all stages of lung transplantation (Hans-Henrik Schultz, RH, DK)
- **14.30-14.45: Coffee break**
- 14.45-15.05: Diaphragmatic dysfunction is associated with postoperative pulmonary complications and phrenic nerve paresis in patients undergoing thoracic surgery: A prospective, clinical study (Jesper Nørskov, AUH, DK)
- 15.05-15.25: ShearWave elastography to predict non-expandable lung (Jesper Koefod Petersen, Næstved, DK)
- 15.25-15.45: Assessment of basic thoracic ultrasound skills in immersive virtual reality – a study gathering validity evidence during the European Respiratory Society International Congress 2022 (Anders Bo Nielsen, Odense, DK)
- **15.45-16.00: Coffee break & cake**
- 16.00-16.20: Validity evidence of the 2022 ERS thoracic ultrasound Objective Structured Clinical Examination (OSCE)(Pia Iben Pietersen, Odense, DK)
- 16.20-16.40: Monitoring adult acute dyspneic patients with serial cardiopulmonary ultrasound (Michael D Arvig, Slagelse, DK)
- 16.40.-17.00: Closing remarks & evaluation (Søren H. Skaarup, Århus, DK & Christian B. Laursen, Odense, DK)

Post meeting networking & festivities:

- 18.00 - : Dinner etc. (at own expenses) at Storms Pakhus, Lerchesgade 4, 5000 Odense C



Aarhus University Hospital



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