

5th King's John Price Paediatric Respiratory Conference, London

Bush House, 30 Aldwych, London WC2B 4BG

PRE-CONFERENCE WORKSHOP / MASTERCLASS (02.04.2019)

Thoracic Ultrasound and Guided Drain Insertion Course

This course will cover:

- Diagnostic uses of ultrasound in the practice of paediatric thoracic medicine including pleural, pulmonary, diaphragmatic, thymic and laryngeal pathology
- Hands on practical experience of ultrasound guided needle placement, pleural drain insertion and useful anaesthetic blocks
- Interactive review and discussion of evidence for and against the use of ultrasound in pulmonary parenchymal disease, particularly in the setting of infection

Target audience:

Doctors (of all grades) and nurse practitioners with an interest in paediatric respiratory medicine. You must pre-book your place to attend on the day.

Duration:

1 day: 9am to 4.30pm

Learning outcomes:

By the end of the day you will have a rounded knowledge of the appropriate uses of ultrasound in thoracic diagnosis and hands-on experience of ultrasound-guided thoracic intervention

Programme:

8:30	Registration and Refreshments
8.45	Introduction – Aims and Course Outline
9.00	Beginner's Guide to Ultrasound Physics and Techniques
9:30	Practicalities of Using the Ultrasound Machine
10.00	Normal Anatomy on Ultrasound
10:30	Getting Used to the Ultrasound Machine
11:00	Coffee
11:30	Breakout Session A Diagnostic Ultrasound Interactive case-based session covering ultrasound assessment of Pleural effusion and empyema

	<p>Consolidation and collapse Diaphragmatic motion Thymic pathology Laryngeal motion A review and discussion of evidence for and against use of ultrasound in pulmonary parenchymal assessment will also be included in this session.</p> <p>Ultrasound Guided Intervention i Supervised practice of ultrasound-guided needle placement for pleural drain insertion using mannequins</p> <p>Ultrasound Guided Intervention ii Supervised practice of ultrasound- and anatomic landmark- guided insertion of intercostal anaesthetic blocks for pleural intervention</p>
12:45	Lunch
13:30	Breakout Session B (Repeat of breakouts above)
15:00	Coffee
15.15	Breakout Session C (Repeat of breakouts above)
16.30	Quiz, Summary and Feedback
17:00	Main Conference Opening Ceremony Main conference welcome presentations, poster walk and drinks reception