

**PEDIATRIC AND NEONATAL LUNG US**  
**WORKSHOP**



**Wednesday 6<sup>th</sup> of November 2019**  
**13:00 to 17:00**

**COURSE DIRECTOR**

**Dr. Sameh R Ismail**

**COURSE CODIRECTORS**

**Dr Munira Al Maazmi**

## **COURSE FORMAT**

4 hours Lungs Ultrasound in Neonates and children Workshop

This workshop will demonstrate using of US to diagnose the different lung pathology in neonate and children. It will cover from the basic physics, technique of ultrasound to the clinical diagnosis and optimization of management both in ER and ICU setting.

## **Course Objectives**

- To review basic ultrasound physics, technique, probes, setting and knobology.
- To demonstrate an image optimisation in order to enable accurate diagnosis.
- To review the practical applications and limitations of lung assessment.
- To use US to diagnose pneumothorax, interstitial lung diseases, consolidation and pleural effusion.
- The use of lung US in Neonates.
- Hands on Session.

## **Target Audience**

- Neonatal and Pediatric Intensivists
- Emergency Physician
- Pediatricians , Resident and Fellows
- US Technicians

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<b>13:00 – 13:40</b>	<b>Introduction: and Physics</b>	<b>Dr. Sameh R. Ismail</b>
<b>13:40- 14:00</b>	<b>Normal Lung</b>	<b>Dr. Munira Al Maazmi</b>
<b>14:00 – 15:00</b>	<b>Lung Pathology</b>	<b>Dr. Sameh R. Ismail</b>
<b>15:00 – 15:30</b>	<b>Case scenarios</b>	<b>Dr. Sameh R. Ismail</b>
<b>15:30- 16:30</b>	<b>Hands on Session</b>	<b>Dr. Sameh and Dr. Munira</b>
<b>16:30 – 17:00</b>	<b>Video session</b>	<b>Dr. Sameh R. Ismail</b>