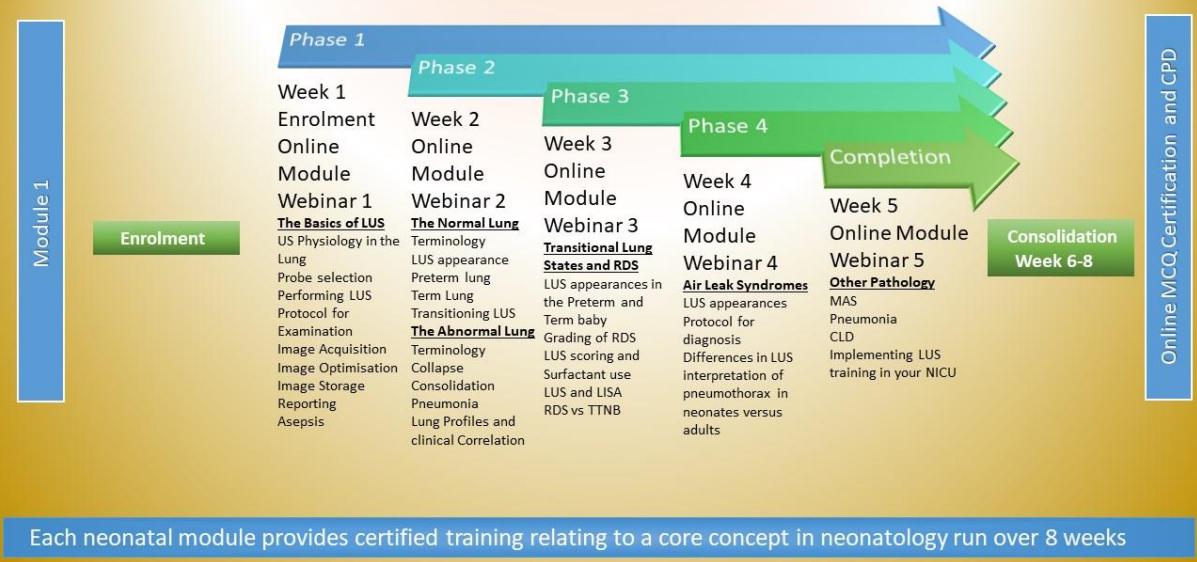


# POCUS- LUNG ULTRASOUND IN NEONATAL CARE

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## MODULE 1

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MPROVE ACADEMY | SOUTHAMPTON UNITED KINGDOM



Topic	Speaker	Date/Time	Link
<b>Introduction-The Normal Lung</b>			
1. Introductions to the module, mentorship, logbooks, accreditation, POCUS-US Physics Nuts and Bolts-Get it right the first time			
2. US Physiology in the lung, Artefact and Nomenclature Your machine Probe selection Settings Performing LUS Protocol for examination Image acquisition Image storage Reporting Reporting templates			
3. LUS appearance What is normal? The Term and Preterm Neonate Transitioning lung states Defining and reporting lung profile			
4. The Abnormal Lung Revision of lung profiles Collapse Consolidation Pneumonia Pneumothorax Pulmonary Atelectasis			

Topic	Speaker	Date/Time	Link
<b>Lung Pathology</b>			
5. RDS in the term neonate Pneumonia RDS TTNB MAS			
6. Air leak syndromes Pulmonary Haemorrhage Pleural Effusion			
7. RDS in the Preterm Neonate Recognition and Application LUS scoring in the management of RDS When is the best time to scan after birth?			
8. LUS in diagnosis of BPD and Chronic lung disease			
8. LUS in babies with congenital diaphragmatic hernia			
Topic	Speaker	Date/Time	Link
<b>Clinical and POCUS Approach</b>			
9. LUS to assess diaphragmatic contractility and approach to the neonate with extubation failure			
10. POCUS -Heart Lung Interaction			
11. POCUS approach to the neonate with acute deterioration-SAFE-SAFE R protocol			
12. Running and developing an LUS training programme -Competency acquisition and keeping things safe- Grandfather Clause and Quorum Approach			
13. LUS and LISA for the preterm neonate			
Close			