

Appendices

APPENDIX 1: TRAINING REQUIREMENTS FOR ULTRASOUND COMPETENCIES IN ACUTE INTERNAL MEDICINE

Thoracic Module:

- **Direct Supervision:** At least 10 scans (covering 20 lungs).
- **Mentored Practice:** An additional 30 scans (60 lungs).
- **Training Duration:** Minimum of 6 months from the first supervised scan.

Abdominal/Renal Module:

- **Direct Supervision:** At least 10 supervised scans.
- **Mentored Practice:** A further 30 scans.
- **Training Duration:** At least 4 months from the first supervised scan.

Deep Vein Thrombosis (DVT) Module:

- **Direct Supervision:** 5 scans.
- **Mentored Practice:** 5 additional scans (10 legs) for DVT, plus at least 5 supervised or mentored ultrasound-guided vascular cannulations (depending on prior experience).
- **Training Duration:** Minimum of 1 month from the first supervised scan [60].

Appendix 2: Pathology Exposure Requirements

Thoracic Module

- Minimum of 5 cases each: lung consolidation/pneumonia and increased lung water.
- Minimum of 20 cases: pleural effusion (with at least one marked for intervention).
- No minimum number for pneumothorax, but trainees must demonstrate the ability to recognize and rule it out.

Abdominal/Renal Module

- At least 10 cases: abdominal free fluid (any).
- At least 5 cases: abdominal free fluid marked for intervention.
- At least 5 cases: hydronephrosis (any grade).
- At least 5 cases: bladder distension.

DVT Module

- Minimum of 1 case of confirmed DVT [57].