

DOCTOR OF MEDICINE (REVISED SCHEME) PART II

PRACTICAL (Long case & Short case)/OSCE/Viva Examination

Table of Specifications (ToS)/Course Contents

1. Investigation Competencies

Outline the indications for, and interpret the following investigations:

- Basic blood biochemistry : Urea and electrolytes, Liver Function Tests, Bone biochemistry, Glucose, Magnesium
- Cardiac biomarkers and cardiac-specific Troponin
- Thyroid Function Tests
- Inflammatory markers: CRP/ESR
- Arterial Blood Gas analysis
- Lipid profile
- Full blood count
- Coagulation studies
- Blood film report
- Blood/sputum/urine culture
- Fluid analysis: Pleural, Cerebrospinal fluid, ascitic fluid
- Urinalysis and Urine microscopy
- Auto-antibodies
- Basic knowledge of ELISA & PCR and chromatography
- Amylase
- Hepatitis viral markers
- HIV

2. Procedural Competencies

- The trainee is expected to be competent in performing the following procedures by the end of year-II training. The trainee must be able to outline the indications for these interventions. For invasive procedures, the trainee must recognize the indications for the procedure, the importance of valid consent, aseptic technique, safe use of Local Anaesthetics and minimization of patient discomfort

➤ **Procedures:**

- Venepuncture
- Cannula insertion, including large bore
- Arterial blood gas sampling
- Lumbar puncture
- Pleural tap and aspiration
- Intercostal drain insertion: Seldinger technique
- Ascitic tap
- Abdominal paracentesis
- Central venous cannulation
- Initial airway protection: Chin lift, Guedel airway, nasal airway, laryngeal mask
- Basic and, subsequently, advanced cardiopulmonary resuscitation
- Bronchoscopy
- Cytology: Pleural fluid, Ascitic fluid, Cerebrospinal fluid, Sputum
- Direct Current (DC) Cardioversion
- Urethral catheterization
- Nasogastric tube placement and checking
- ECG
- Echocardiogram
- Ambulatory blood pressure monitoring
- Exercise Tolerance Test

Oral & practical/clinical examination shall be held in basic clinical techniques relevant to internal medicine.

OSCE

50 Marks


10 stations each carrying 05 marks of 10 minutes duration; each evaluating performance based assessment with five of them interactive

Clinical

100 Marks

Four short cases (15 marks each) 60 Marks

One long case: 40 Marks


Controller of Examinations