

Academic Reference Standards of Tropical Medicine Department

Faculty of Medicine – Mansoura University

A- Knowledge and Understanding

Basic Knowledge

A1-Discuss basic sciences of infectious, hepatic and gastrointestinal disorders

A2-Describe the principals of physiological and pathological disorders associated with infectious process

Clinical Knowledge

A3-Define the biology of infection in all the areas of: bacterial, viral, and parasitic.

A4-Describe the etiology, pathogenesis, clinical features, complications, principles of prevention and management of common and life-threatening tropical and infectious illnesses.

A5-Identify clinically applicable knowledge of the basic and clinical sciences that underlie the practice of infectious diseases.

A6-Identify the major disorders affecting the liver and recognize clinical, laboratory, radiological and pathological aspects concerning these topics.

A7-Discuss up-to-date knowledge in hepatic and gastrointestinal disorders including life threatening conditions from scientific interactions and caring for patients and continued medical education CME.

A8-Discuss up to date knowledge in infectious diseases from scientific interactions and caring for patients and continued medical education CME.

A9-Identify recent trends of disorders affecting the gastrointestinal tract and recognize clinical, laboratory, radiological and pathological aspects concerning these topics.

A10-Define the disorders affecting the geriatrics and recognize the most recent and relevant updated information concerning diseases and preventive measures dealing with them.

A11-Recognize all about most of disorders concerning the ICU management of hepatic patients.

A12-Express the relative certainties of a differential diagnosis of common clinical problems presenting to doctors in primary health care setting, hospital and community, with emphasis on the importance of their relative incidences in establishing the diagnosis, also on early manifestations of serious diseases and emergencies.

A13-Describe the determinants of health and principles of disease prevention and behavior change appropriate for specific patient populations within the community and internationally, and apply these to patient care responsibilities and broader patient care initiatives (natural history of disease and relationships with risk factors and disease prevention).

B- Intellectual skills

- B1-Identify the basic science of physiology and pathology and manage clinical practice to explain the various related infectious disorders.
- B2-Diagnose infectious and tropical diseases.
- B3-Diagnose hepatic disorders
- B4-Diagnose gastrointestinal diseases.
- B5-Construct appropriate management strategies for geriatric patients.
- B6-Evaluate the basic science of ICU for hepatic patients and assess clinical practice
- B7-Interprete various investigational and radiological tools to confirm diagnosis

C- Professional/practical skills

- C1-Organize the most frequent clinical, laboratory, radiologic findings of common infectious, hepatic and gastrointestinal diseases with prioritization of the common possibilities for each problem
- C2-Apply principles of sterilization and infection control regulations on hospital and community levels
- C3-Organize medical records and apply epidemiological methods to the investigation, prevention and control of infectious diseases in developing countries
- C4-Select, perform and Interpret the results of commonly used diagnostic procedures such as electrocardiography, abdominal ultrasonography, upper and lower gastrointestinal endoscopy.
- C5-Appropriate management strategies for patients with gastro-intestinal hemorrhage, both in acute and chronic states, and those requiring short- and long-term treatment.

D- Communication & Transferable skills

- D1-Create effective doctor/patient communication characterized by understanding, trust, respect and confidentiality
- D2-Make clinical decisions and judgments based upon sound evidence for the benefit of individuals and the population served
- D3-Develop and deliver a teaching module or unit and supporting lecture notes for an undergraduate or peer teaching session
- D4-Supervise and guide learners (trainee) in a work setting
- D5-Be an effective member in a team work
- D6-Use information and communication technology effectively in the field of medical practice
- D7-Demonstrate a rigorous approach to research