

Academic Reference Standards of Tropical Medicine Department

Faculty of Medicine – Mansoura University

I

A- Knowledge and Understanding

Basic Knowledge

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

Clinical Knowledge

A2. Recognize principles of evaluation and management of various medical disorders

A3. Explain diagnosis and management of life threatening conditions, autoimmune diseases and immunodeficiency diseases

A4. Review laboratory reference intervals and values

A5. Discuss different infectious diseases including life threatening conditions.

A6. Identify locally endemic infectious diseases and worldwide distribution of different infectious diseases.

A7. Discuss up to date knowledge in infectious diseases from scientific interactions and caring for patients and continued medical education CME.

A8. Review basic principles of medical research and medical biostatistics

A9. 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.

A10. Explain Nutritional Requirements, relation between infection and malnutrition, enteral and parenteral nutritional therapy

A11. Describe Traveler's diarrhea, infection care in travelers and fever in returning traveler

B- Intellectual skills

- B1. Integrate the basic sciences into clinical practice to explain the various phenomena of infectious diseases & tropical and gastrointestinal disorders
- B2. Categorize infection control and safety measures
- B3. Construct appropriate management strategies for patients with common medical and critical conditions
- B4. Construct appropriate management strategies for patients with common endemic and infectious diseases
- B5. Predict appropriate tests for detecting patients at risk or in the early stage of endemic and infectious diseases and determine strategies for responding appropriately
- B6. Construct appropriate management strategies for patients with common hepatic and gastrointestinal diseases with assessment of risk and benefit
- B7. Predict appropriate tests for detecting patients at risk or in the early stage of hepatic and gastrointestinal diseases and determine strategies for responding appropriately
- B8. Recognize and cope with uncertainty by using appropriate cognitive and intellectual strategies to deal with uncertainty when it arises and share in scientific research designing and reviewing
- B9. Recognize nutritional deficiencies and select appropriate management strategies for nutritional disorders
- B10. Relate geographical distribution of infectious diseases to diagnosis and management of travel associated infection

C- Professional/practical skills

- C1. Demonstrate the morphological characteristics and differentiate between the most common helminths and protozoa in parasitology lab
- C2. Predict the most frequent clinical, laboratory, radiologic findings of common medical and critical diseases with prioritization of the common possibilities for each problem
- C3. Predict the most frequent clinical, laboratory, radiologic findings of common infectious diseases with prioritization of the common possibilities for each problem
- C4. Perform and interpret the results of commonly used diagnostic and therapeutic procedures in management of infectious diseases using evidence based medicine
- C5. Apply principles of sterilization and infection control regulations on hospital and community levels
- C6. Organize medical records and apply epidemiological methods to the investigation, prevention and control of infectious diseases in developing countries
- C7. Predict the most frequent clinical, laboratory, radiologic findings of common hepatic and gastrointestinal diseases with prioritization of the common possibilities for each problem
- C8. Perform and interpret the results of commonly used diagnostic and therapeutic procedures in management of different hepatic and gastrointestinal diseases using evidence based medicine
- C9. Investigate and evaluate their work and that of others and use IT effectively to improve health services.

D- Communication & Transferable skills

- D1. Establish professional relationships with medical patients, their families characterized by understanding, trust, respect and confidentiality
- D2. Establish professional relationships with patients with infectious diseases, their families characterized by understanding, trust, respect and confidentiality
- D3. Manage time and resources effectively, set priorities and work efficiently within the health care team and cope with a changing work environment.
- D4. Solve problems related to patients, work management, and among colleagues.
- D5. Evaluate their work and that of others using constructive feedback.
- D6. Use information and communication technology effectively in the field of medical practice
- D7. Develop and deliver a teaching module and guide learners in a work setting
- D8. Establish professional relationships with hepatic and gastrointestinal patients, their families characterized by understanding, trust, respect and confidentiality

