**Core Curriculum Domains and Program Learning Outcomes (PLOs)**

**2023/2024**

**Core curriculum learning outcomes are five majors domains of focus of the curriculum, which are:**

A. Patient care

B. Communication skills

C. Ethics and professionalism

D. Medical knowledge

E. Critical thinking and independent learning

Each domain is subdivided into learning objectives which formulate the program learning outcomes (PLOs). These PLOs were written based on the Jordanian National Qualification Framework (JNQF).

**A. Patient care**

A1. Integrate medical knowledge and clinical skills in the provision of health care A2. Conduct a clear/complete medical history and complete Physical Examination

A3. Identify and accurately record normal and abnormal patterns and patient's problems (physical, intellectual and social).

A4. Demonstrate the ability of extracting pertinent information from medical records

A5. Assess and interpret the data in the context of the patient's status incorporating clinical data, laboratory results and radiological findings.

A6. Demonstrate the ability to generate and prioritize a differential diagnosis list. A7. Identify required investigations to reach a provisional diagnosis.

A8. Analyze the underlying etiology of disease presentations and understand pathophysiological mechanisms of the disease.

A9. Formulate plan management for common conditions.

A10. Demonstrate competence in the identification and triage of patients in both urgent care and primary care settings, and acquire the abilities to deal with emergent scenarios.

A11. Demonstrate competence in the performance of selected basic clinical procedures.

**B. Communications skills**

B1. Develop interviewing skills, with ability to elicit both verbal and nonverbal cues, and recognize barriers in communication for patients with accessibility challenges.

B2. Communicate compassionately with patients and their families, with appropriate disclosure of sensitive medical information.

B3. Practice patient counseling and education, and understand their impact on the implementation of management plan,.

B4. Build a good interpersonal relationship with patients and their families, to establish rapport and trust

B5. Effectively communicate medical information with health care team in verbal and written English, with an aim to advance patient care.

B6. Collaborate and work effectively with colleagues and health care teams members, and acquire the skills needed to become an effective contributor to the team.

B7. Communicate collaboratively in leadership roles and practice the process of peer-to-peer evaluation of educational projects.

**C. Ethics and Professionalism**

C1. Adherence to ethical principles; self-awareness; and moral reasoning in all professional interactions with patients, families, colleagues, and society.

C2. Exemplify the professional values of medicine, including compassion, integrity, social responsibility and respect for all persons.

C3. Demonstrate a commitment to the highest standards of professional responsibility, integrity and accountability

C4. Demonstrate the responsible behaviors expected of physicians, including accountability, patient confidentiality, punctuality, and the prioritizing of the needs of others.

C5. Apply the skills and incorporate the attitudes needed to maintain and promote personal wellness. C6. Apply and adhere to the principles of patient autonomy and confidentiality.

**D. Medical knowledge**

D1. Demonstrate adequate knowledge in basic sciences and in-depth clinical sciences D2. Demonstrate broad clinical knowledge of medical diseases and diagnostic profiles.

D3. Demonstrate knowledge of available clinical diagnostic facilities and investigations and treatment methods including non-pharmacological approaches

D4. Demonstrate understanding of risk management, safety and medical errors

D5. Demonstrate understanding of basic principles and concepts related to basic sciences and understand its

application to clinical practice

D6. Demonstrate a sufficient understanding of pathophysiological mechanisms of diseases and the mechanisms of therapeutic interventions.

**E. Critical thinking & independent learning**

E1. Evaluate, analyze and apply new knowledge based on patients scenarios (Case-based learning)

E2. Think critically and creatively in a variety of methods in order to make decisions and solve problems. E3. Acquire the ability to learn independently for continuous personal growth.

E4. Develop study habits which will enhance lifelong learning.

E5. Identify gaps in their knowledge and skills so as to continually advance their professional development. E6. Understand the importance of evidence-based practice and learn the process of critical appraisal of the medical literature.

E7. Understand and apply principles of public health/community medicine and epidemiology, including disease prevention and health promotion/

E8. Engage in research activities with a goal of advancing medical knowledge.

An alignment matrix of the program LOs of the Doctor of Medicine and knowledge, skills and competencies as mentioned in the Jordan National Qualifications Framework (JNQF) and the Core curriculum learning outcomes

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| **Field according to**  **JNQF** | **Required to achieve (JNQF)** | **Core curriculum** domain(s) | **Program Learning outcomes (PLOs)** |
| **Knowledge** | A systematic understanding of the theories, concepts, principles and circulations related to the file of learning, some of which are within the limits of the latest scientific findings | Medical knowledge | D1, D2, D3, D4, D65 D6 |
| **Skills** | Mastering the skills and tools required to solve complex problems in a specialized field of study | Patient care | A1, A2, A3, A4 |
| Demonstrate specialized and conceptual skills in the field of study | Patient care | A5, A6, A7, A8, A9, A10, A11 |
| Practice evaluation in planning, design, technical and/or supervisory function related to products, services or processes | Critical thinking & independent learning | E1, E2, E5, E6, E7 |
| Communication skills | B5, B6 |
| **Competencies** | Management of activities and projects | Critical thinking & independent  learning | E6, E7 |
| Take responsibility for decision making in work or study  contexts | Ethics and Professionalism | C1, C2, C3, C4, C5 |
| Take responsibility for group work and work effectively with peer guidance | Communication skills | B1, B2, B3, B4, B5, B6 |
| Transfer and apply diagnostic and creative skills in a range of contexts | Patient care  Critical thinking & independent learning | A5, A6, A7, A8,  E1, E2, E3, E4, E5, E6, E7 |