

Course Specification Card for Nephrology (Elective)

College	College of Medicine	Department	Internal Medicine		
Course Name (English)	Nephrology	Course Name (Arabic)	أمراض الكلى		
Course Number	1000417	Course Code	1000417		
Credit Hrs.	1	Contact Hrs.	Theoretical	Practical	T
Teaching Language	English <input checked="" type="checkbox"/> Arabic <input type="checkbox"/>			30	30
Teaching Method	<input checked="" type="checkbox"/> Face-to-Face <input type="checkbox"/> Online <input type="checkbox"/> Blended				
Course Nature	<input type="checkbox"/> Compulsory <input checked="" type="checkbox"/> Elective				
Course Type	<input type="checkbox"/> University Requirement <input checked="" type="checkbox"/> College Requirement <input type="checkbox"/> Program Requirement				
Level	Year 4	Pre-Requisite(s)			

Course Description

- Learn students to the evaluation and treatment of adults with different nephrology illnesses.
- Gain the skills to diagnose common clinical conditions and to recognize clinical presentations of common nephrology diseases. This is achieved by enhancing the skills used in taking a patient history, performing a comprehensive physical exam and formulating problem lists with appropriate differential diagnosis.

Topics:

1. Approach to renal patients
2. AKI
3. CKD
4. Nephrotic syndrome
5. Acid-base disorders
6. Electrolytes disorders

Learning Outcomes

1. Discuss common disease's clinical manifestations, differential diagnosis and consequences of common nephrology diseases with practice evidence-based health care
2. Explain different management for common clinical situations including common diagnostic tools, both the pharmacological and non-pharmacological therapies considering the different medical, social, psychological and cultural backgrounds
3. Apply clinical reasoning, critical and analytical skills in discussing the patient's complaints, presenting the different possible solutions and therapies while considering the different medical, social, psychological and cultural backgrounds keeping in mind basic sciences knowledge.
4. Integrate and organize the historical, physical, and investigative findings into a meaningful differential diagnosis formulation, including identifying the most probable diagnosis in a patient with nephrology disorders.
5. Design effective therapeutic and ongoing management of different nephrology disorders and/or treatment plans with description of the different therapeutic modalities.
6. Values:
7. Act independently to conduct basic medical skills, physical examinations, simple procedures and pharmacological therapies, in both routine cases and emergencies related to nephrology.
8. Assume responsibility during complete and focused physical and mental examination
9. Develop and implement a suitable plan of care for different nephrology problems in a shared view with patients, relatives and peers.

Assessment Tools	<input type="checkbox"/>	Periodic Exams	%	<input type="checkbox"/>	Short Exams	%	<input checked="" type="checkbox"/>	Final Exam	30%
	<input checked="" type="checkbox"/>	Individual Assignments	20%	<input checked="" type="checkbox"/>	Group Assignments	30%	<input checked="" type="checkbox"/>	Oral Participations	10%

Main Reference	<ul style="list-style-type: none">▪ <i>Macleod's clinical examination 14th edition, 2018, Elsevier & ISBN 978-0-7020-6993-2 .</i>▪ <i>Kumar and Clarks's clinical medicine 9th edition, 2017 Elsevier ,</i>
Supporting References	<ul style="list-style-type: none">▪ NICE guidelines▪ Faculty lectures

