



(Syllabus: Clinical Urology (161502503

Fifth-year undergraduate

First & Second Semester 2023 /2024

Content

Syllabus

Clinical round distribution

Lectures

COURSE INFORMATION	
Course Name: Clinical Urology Semester: First & Second Department: General Surgery,Urology and Anesthesia Faculty: Medicine	Course Code: 161502503 Section: urology Core Curriculum: Practical sessions and Lectures
Day(s) and Time(s): Sunday-Thursday: 8:00-16:00 Classroom: Prince Hamza Hospital New Zarqa Governmental Hospital Medical College theaters	Credit Hours: 2.25 Prerequisites: None
COURSE DESCRIPTION	
<p>Urology is the branch of medicine that deals with dysfunction of the urinary system and of the male genitalia. Regardless of career intentions, junior doctors will meet patients with urological problems on the wards, in the emergency department and .in primary care</p> <p>At least 5-10% of GP visits, and 20% of acute hospital surgical referrals, involve patients with urological problems but, until now, there has been no .nationally-agreed, undergraduate curriculum for urology</p>	

Experience on core practical skills, such as catheterization, is lacking and many newly-qualified doctors are not confident about managing basic, urological problems. The main aim of this Syllabus is to advise on those common clinical areas of urology that are generic to the majority of practicing doctors, and that must be covered during undergraduate medical training

DELIVERY METHODS

:The course will be delivered through a combination of active learning strategies. These will include

- PowerPoint lectures and active classroom based discussion or online sessions
- Collaborative learning through small groups acting in an interdisciplinary context.
- Video lectures
- E-learning resources: e-reading assignments and practice quizzes through Model and Microsoft Team

FACULTY INFORMATION

Name	Yaman Altal
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Email Address:	yman@hu.edu.jo
Office Hours:	Tuesday 9.00-12.00 Thursday 9.00-12.00

REFERENCES AND LEARNING RESOURCES

Required Textbook: Smith And Tanagho's General Urology, 19th Edition
ISBN: 9781259834332 **Authors:** Jack W. McAninch, Tom F. Lue

Useful Web Resources: <https://www.auanet.org/guidelines>

REQUIREMENTS OF UNDERGRADUATE TRAINING IN UROLOGY

At the end of medical training, all medical students should be familiar with the presentation and safe, initial management of the following:		
Condition	Presentation and management	Assessment Method
1. Acute urinary tract stone disease	<ul style="list-style-type: none"> Recognize the patient presenting with acute ureteric colic, ureteric obstruction & sepsis Manage the initial assessment appropriately Understand the appropriate investigations (CT, IVU or ultrasound) 	<ul style="list-style-type: none"> Exams Clinic cases Seminar presentations homework assignments
2. Acute (or chronic) abdominal pain referable to the urinary tract (e.g. retention)	<ul style="list-style-type: none"> Have awareness of the urological causes of abdominal pain Be familiar with appropriate investigations in both the emergency & outpatient setting Understand (and be competent) in the insertion of a urethral catheter in both sexes 	<ul style="list-style-type: none"> Exams In clinic cases In OR patients On-line video demonstration
3. Lower urinary tract symptoms (LUTS) in male & female patients	<ul style="list-style-type: none"> Understand the causes of LUTS in male & female patients Be familiar with first-line investigations Be familiar with basic outpatient treatment for bladder outflow obstruction & detrusor over-activity 	<ul style="list-style-type: none"> Exams In Clinic cases “On-line” reading assignments homework assignments
4. Hematuria	<ul style="list-style-type: none"> Understand the common causes of hematuria Be able to assess the patient with hematuria Be able to initiate the management of hematuria 	<ul style="list-style-type: none"> Exams In Clinic cases “On-line” reading assignments homework assignments
5. Urinary tract infection (UTI)	<ul style="list-style-type: none"> Understand the causes & types of UTI Understand the basic investigations for UTI Be able to recognize surgical UTI from simple medical UTI 	<ul style="list-style-type: none"> Exams Clinic cases Seminar presentations homework assignments
6. Scrotal swelling & pain	<ul style="list-style-type: none"> Understand the causes and initial management of scrotal swelling & scrotal pain To understand well the differences between testicular torsion and epididymo-orchitis. 	<ul style="list-style-type: none"> Exams Clinic cases Seminar presentations homework assignments
7. Urinary incontinence in male & female patients	<ul style="list-style-type: none"> Understand the causes of urinary incontinence in male & female patients Be able to differentiate between stress & urge incontinence 	<ul style="list-style-type: none"> Exams Clinic cases Seminar presentations homework assignments
8. Urological cancers (including kidney, bladder, prostate, penis & testis)	<ul style="list-style-type: none"> Understand how urological malignancies present Be able to recognize tumors of the kidney, bladder, prostate, penis & testis Understand the appropriate investigations for the above cancers Understand the role of PSA testing and testicular tumor markers 	<ul style="list-style-type: none"> Exams Clinic cases Seminar presentations homework assignments

9. Common urological conditions of childhood	<ul style="list-style-type: none"> • Have an awareness of the most common urological problems in childhood (including UTI, undescended testis, phimosis & acute scrotal pain/swelling) 	<ul style="list-style-type: none"> • Exams • Clinic cases • Seminar presentations • homework assignments
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COURSE ASSESSMENT

Course Calendar and Assessment

Students will be graded through the following means of assessment and their final grade will be calculated from the forms of assessment as listed below with their grade weighting taken into account. The criteria for grading are listed at the end of the syllabus

Assessment	Grade Weighting	Deadline Assessment
Evaluation and attendance each absence is -2 marks. (50%) And log book(50%)	20%	Last day of every rotation
End of rotation Clinical Exam	35%	Last day of every rotation
Final Exam	45%	The end of the year

Grades are not negotiable and are awarded according to the following criteria:

Letter Grade	Description	Grade Points
A+	Excellent	4.00
A		3.75
A-		3.50
B+	Very Good	3.25
B		3.00

B-		2. 75
C +	Good	2. 50
C		2. 25
C-		2. 00
D +	Pass	1. 75
D	Pass	1. 50
F	Fail	0. 00
I	Incompl ete	-

LECTURE SCHEDULE AND CONTENT DISTRIBUTION

All theoretical lectures will be given in the Medical College in the university or as an online teaching sessions.

Subject	Lecturer
Presentations in urology	Dr. Hassan
Urolithiasis	Dr. Murad
Surgical UTI	Dr. Jad
BPH	Dr. Yaman
Bladder Ca	Dr. Hassan
Pediatric urology	Dr. Murad
Renal Cell Carcinoma	Dr. Jad
Prostate Cancer	Dr. Yaman

Clinical Round

Group Cx will start at Hamza Hospital

Group Cxx will start at zaraq Hospital

And both group will swap in week 2

<p>جدول العملي يرجى التواجد يوم الأحد الساعة 308 صباحا لحضور التقرير الاسبوعي الصباحي Every clinical session should be from 9.00am – (1.00pm (4 hours Followed by lecture from 2-4</p>		
الأخصائى ي 2	الأخصائى 1	اليوم
الأسبوع الأول		
د. محمد الحجوج (عيادة)	د. جاد الصمادي (عيادة)	الأحد
د. جاد الصمادي (عمليات)	د. حسان الخطاطبة+ د. سفيان الحراشنة (عيادة)	الاثنين
	د. حسان الخطاطبة + د. سفيان الحراشنة (عمليات)	الثلاثاء
	د. محمد الحجوج (مرور)	الأربعاء

	د. محمد الحجوج (مرور)	الخميس
الأسبوع الثاني		
د. محمد الحجوج (عيادة)	د. جاد الصمادي (عيادة)	الأحد
د. جاد الصمادي (عمليات)	د. حسان الخطاطبة + د. سفيان الحراخشة (عيادة)	الاثنين
	د. حسان الخطاطبة + د. سفيان الحراخشة (عمليات)	الثلاثاء
	د. محمد الحجوج (مرور)	الأربعاء
	د. محمد الحجوج (مرور)	الخميس
	جدول العملي Every clinical session should be from 8.30am – (12.00pm (4 hours Followed by lecture 2-4. Lectures can be online	
	الأخصائي 2	الأخصائي 1
	الأسبوع الأول	
د. مازن حياصات	د. جمال (عيادة)	الأحد

	د يمان	د. مراد	الإثنين
	د مراد	د يمان	الثلاثاء
	د. مراد	د جمال	الأربعاء
	د. يمان عمليات	د مازن	الخميس
	د. مازن حياصات	د. جمال (عيادة)	الأحد
	د. مراد عيادة	د يمان التل	الإثنين
	د. مراد	د يمان عيادة	الثلاثاء
	د. مراد عمليات	د جمال	الأربعاء
		د مازن د. يمان عمليات	الخميس

Lectures

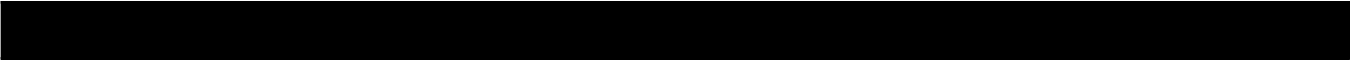
Lectures are to be given online or in person between 12.00pm – 4.00pm in the given days.

If online

Lectures will be on Microsoft teams link

<https://teams.microsoft.com/channel/19%3a-0y4xtyQ60iXQJRXHXVcKg520D4jlcRzlvS7wF1usY1%40thread.tacv2/General?groupId=c2d6e21c-546f-48e0-a455-ff9a30cd046e&tenantId=5cb6ce2a-2f85-4834-8578-a9a8caa5c5d6f>

Day	Date	Lecturer	Subject
<i>Sunday</i>		Dr Murad	Urolithiasis (I + II)
<i>Monday</i>		Dr Yaman	PSA 1 BPH 2
<i>Tuesday</i>		Dr jad	Surgical UTI (I + II)
<i>Wednesday</i>		Dr Hassan	Urological Trauma + Emergencies
<i>Thursday</i>			
<i>Sunday</i>		Dr. Murad	Pediatric Urology + Benign Scrotal Swellings
<i>Monday</i>		Dr. yaman	Prostate 2--1 prostate cancer managment
<i>Tuesday</i>		Dr. jad	Renal Masses + Testicular Ca
<i>Wednesday</i>		Dr. Hassan	Hematuria + Bladder Ca
<i>Thursday</i>			



<https://teams.microsoft.com/l/channel/19%3a-0y4xtyQ60iXQJRXHXVcKg520D4jlcRzIvsW7wF1usY1%40thread.tacv2/General?groupId=c2d6e21c-546f-48e0-a455-ff9a30cd046e&tenantId=5cb6ce2a-2f85-4834-8578-a9a8caac5d6f>