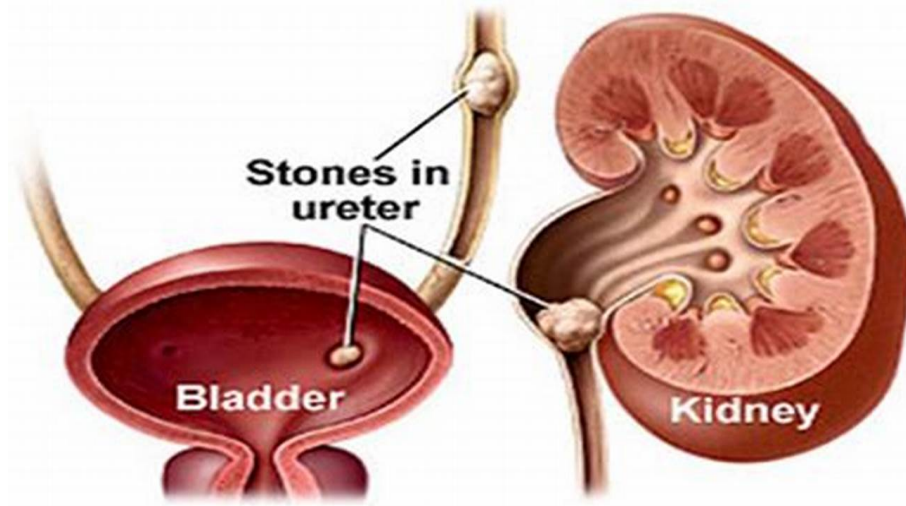


STUDY GUIDE
Urology course
1202541



Course coordination

Female section

Dr. Haider Osman Ibn Idris Elmisbah (hayder.uthman@nbu.edu.sa)

Male section

Dr. Haider Osman Ibn Idris Elmisbah (hayder.uthman@nbu.edu.sa)

Course Identification

1. Credit hours	2 hours
2. Level/year at which this course is offered	5 th year
3. Pre-requisites for this course	Surgery – 1 (1202411)

Course committee member

Name	Department	E-mail
Dr. Majed Al-Rowaily	Head of Curriculum committee	drfmajed@yahoo.com
Dr. Haider Osman	Surgery/ course coordinator	haidermisbah2002@yahoo.com
Dr. Riyadh Al-ham Yahia	Surgery / member of committee	rylaham@hotmail.com
Dr. Malik Azhar Hussain	Surgery / member of committee	drmalikazhar@yahoo.com
Dr. Yasir Mehmood	Surgery / member of committee	dr.yasir@yahoo.co.uk
Dr. Muhammad Ayub	Surgery / member of committee	dr.ayubjat@yahoo.com

Actual Learning Hours (Copy and paste the table from courses specification)

No	Activity	Learning Hours
Contact Hours		
1	Lecture	12
2	Bed side teaching in hospital (BST)	5
3	Tutorial	4
4	PBL	2
5	Skill Lab	6
6	Clinical case presentation (CP)	5
	Total	34
(Each One credit hour equal 40 learning hours) the total leaning hours *Other Learning Hours are distributed in the following items		
1	Study	26
2	Assignments	5
3	Library	15
4	Projects/Research Essays/Theses	
5	(specify) Others	
	Total	46

Course Objectives (Copy and paste the table from courses specification)

1. Course Description

This course intended to help the students to gain the basic knowledge and skills to deal with medical situations and problems of urology.

The course is complementary to what the student has learned during the study of surgery -1. Beside the scientific knowledge and technical skills gained, the student should be able to know the principles of anatomy, physiology, and pathology of the genito-urinary system.

Student should be able to deal with clinical problems of patients with urological complain.

2. Course Main Objective

By the end of this course the student will be able to:

1. Recognize the principles of anatomy, physiology, pathology and symptoms of urological problems.
2. Review and take relevant history for patient with urological complain.
3. Conduct appropriate physical examination for patients with urological diseases with respect to the cultural and religious values.
4. Demonstrate the ability to insert urethral catheter in to male and female dummy.
5. Identify urethral and supra pubic catheter, urethral dilators, ureteric stents and know their uses, procedure and precautions to insert and to remove them and knows their possible complications.

Course Learning Outcomes (Copy and paste the table from courses specification)

CLOs		Aligned-PLOs
1	Knowledge: By the end of the module, the student will be able to:	
1.1	Describe symptoms and signs of the common and urgent urological problems and outline the appropriate management modalities	K2
2	Skills:	
2.1	Take history and examine the urology cases	S2
2.2	Plan for management of patients with urological problems	S3
2.3	Manipulate the simple urological procedures	S4
3	Competence:	
3.1	Operate the skill of self-learning	C2
3.2	Show the ability to work in a team with respect to all colleagues' opinions in the different specialties in the emergency room	C1
3.3	Design proper plans for management of the common emergency health problems	C3

Course Content (Copy and paste the table from courses specification)

No	List of Topics	Contact Hours
Lectures (, practical, tutorials, PBL, etc)		
1	Urinary symptoms, sign & investigations	1
2	Scrotal swelling	1
3	Renal tumor and management	1
4	Pediatric urology	1
5	Urinary calculi & endourology	1
6	Prostatic cancer & management	1
7	Undescended testes & male infertility	1
8	Urinary tumor, management & urinary diversions	1
9	BPH (benign prostatic hypertrophy) & management	1
10	Urinary incontinence & management	1
11	Genito-urinary trauma & management	1
12	Testicular tumor & management	1
13	Renal mass evaluation	1
14	Scrotal mass evaluation	1
15	Urinary bladder outflow obstruction evaluation	1
16	Renal transplantation	1
17	Urethral & suprapubic catheterization	1
18	Cystoscope (Rigid & Flexible)	1
19	Ureterorenoscopy (Rigid -flexible) DJ stent & Urethral Dilators	1

20	PBL urinary tract infection	1
12	Examination of groin and genitalia + ward round	3
22	Scrotal examination + ward round	2
23	Case presentations (five cases each 2 hrs.)	5
Total		30

Teaching strategies and Assessment Methods for Students (Copy and paste the table from courses specification)

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge		
1.1	Describe symptoms and signs of the common and urgent urological problems and outline the appropriate management modalities	Direct instruction (lectures) Interactive (PBL, Tutorial, CP)	Single best answer
2.0	Skills		
2.1	Take history and examine the urology cases	Experiential learning (Skill lab, BST)	OSCE
2.2	Plan for management of patients with urological problems	Experiential learning (Skill lab, BST)	OSCE
2.3	Manipulate the simple urological procedures	Experiential learning (Skill lab, BST)	OSCE
3.0	Competence		

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
3.1	Operate the skill of self-learning	Interactive (PBL, Tutorial, CP)	PBL checklist CP checklist
3.2	Show the ability to work in a team with respect to all colleagues' opinions in the different specialties in the emergency room	Interactive (PBL, Tutorial, CP)	PBL checklist CP checklist
3.3	Design proper plans for management of the common emergency health problems	Interactive (PBL, Tutorial, CP)	PBL checklist CP checklist HC MCQs

Assessment Tasks for Students (Copy and paste the table from courses specification)

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	MCQ (Final)	16 th	50%
2	OSCE	16 th	40%
3	Assignment	16 th	5%
4	PBL	13th, 14th	5%

Course blueprint (% of total summative marks in blueprint is to be given in the range)

Course title Urology (Course code 1202541)

Topics	Teaching strategies	Assessment methods	% Of total contact hours	% of total summative marks
Urinary symptoms, sign & investigations	Lecture	Written exams	3.03%	0-5%
Scrotal swelling	Lecture	Written exams	3.03%	0-5%
Renal tumor and management	Lecture	Written exams	3.03%	0-5%
Pediatric urology	Lecture	Written exams	3.03%	0-5%
Urinary calculi & endourology	Lecture	Written exams	3.03%	0-5%
Prostatic cancer & management	Lecture	Written exams	3.03%	0-5%
Undescended testes & male infertility	Lecture	Written exams	3.03%	0-5%
Urinary tumor, management & urinary diversions	Lecture	Written exams	3.03%	0-5%
BPH (benign prostatic hypertrophy) & management	Lecture	Written exams	3.03%	0-5%
Urinary incontinence & management	Lecture	Written exams	3.03%	0-5%
Genito-urinary trauma & management	Lecture	Written exams	3.03%	0-5%

Topics	Teaching strategies	Assessment methods	% Of total contact hours	% of total summative marks
Testicular tumor & management	Lecture	Written exams	3.03%	0-5%
Renal mass evaluation	Tutorial	Written exams	3.03%	0-5%
Scrotal mass evaluation	Tutorial	Written exams	3.03%	0-5%
Urinary bladder outflow obstruction evaluation	Tutorial	Written exams	3.03%	0-5%
Renal transplantation	Tutorial	Written exams	3.03%	0-5%
Urethral & suprapubic catheterization	Skill lab	OSCE	3.03%	0-5%
Cystoscope (Rigid & Flexible)	Skill lab	OSCE	3.03%	0-5%
Ureterorenoscopy (Rigid & flexible) DJ stent & Urethral Dilators	Skill lab	OSCE	3.03%	0-5%
Urinary tract infection (1&2)	PBL	PBL check list	3.03%	0-5%
Clinical case presentation (5) eg. Epididymo-orchitis, urine retention, trauma, Undescended testis, renal tumors	Inter-active	CP checklist	15.15%	0-5%
Scrotal examination + ward round	BST	OSCE	12.12%	0-15%
Examination of groin and genitalia + ward round	BST	OSCE	12.12%	0-15%

Learning Resources (Copy and paste the table from courses specification)

Required Textbooks	-Campbell-Walsh Urology 12th Edition Review, 3rd Edition. -Bailey & Love's Short Practice of Surgery, 27th Edition by Norman S. Williams (Editor), P. Ronan O'Connell (Editor), Andrew McCaskie
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Course/module Coordinator	Dr. Haider Osman Ibn Idris Elmisbah
Department	General surgery
Date	02/10/2021

Related check lists

Urology course

PBL Evaluation

PBL NO ----- Session ----- Topic -----

NO	Name	ID	Participation in discussion	Knowledge of topic	Propose solution & critical thinking	Total (5)
			Active listening			
			C3 (1)	C1 (2)	C2 (2)	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						



14						
15						
16						
17						
18						
19						
20						

Date:

Name:

Signature:



Urology course

Case presentation Evaluation

	Name	ID	History & examination	D/D, Investigations & management plan	Presentation skill	Total
			S1 (2)	C2 (2)	C3 (1)	5
1						
2						
3						
4						
5						

Signature:

Date:

Name:

After the end of the course, please give your **FEEDBACK** through the following QR code: