



Diploma Endourology COURSE

University: Al-Azhar
Faculty of Medicine for Girls

Urology Department

1- course data		
course Code Uro 700	Course title Diploma Endourology	Academic year / Level postgraduate
Specialization Urology	Number of instructional units 2 hrs	Diploma
Department	Practical: 4 hrs Total: 6 hrs	

<p>2-Course aim:</p>	<ul style="list-style-type: none"> • To introduce students to the principles of the practice endourology. • Students should attain a level of clinical competence sufficient to allow them differentiate between the different entities of urological disorders. • Enable students to develop an appreciation of the difference in management and treatment of urologic stone diseases
<p>3- Intended learning outcomes of course (ILOs)</p>	

a- Knowledge and understanding:

By the end of the course the students should be able to

a1. Understand the principals of endoscopy

a2. Get the skills to take Urologic medical history as history taking, physical examination and organizing general and radiologic investigation as regard to patient complaint

a3. Recognize the different types of endoscopies in urology

a4. List the etiological factors of urolithiasis and how to deal with

a5. Enumerate the lines of prevention of stone recurrence.

a6. Discuss Composition of Urinary Stones and the corresponding X-ray density for each.

a7. Mention other instruments needed with endoscopy

a8. mention the possible complication of each endoscopic intervention

a9. Recognize the basic principle Management of BPH by endoscopic intervention and laser

a10. Recognize the basic principle Management of bladder tumores by endoscopic intervention and laser

A11, Recognize the basic principle Management of renal and uretral stones by endoscopic intervention and laser

<p>b- Intellectual skills</p>	<p>ability to</p> <ul style="list-style-type: none"> b1. reason critically b2 cope with change and doubt b3 adopt more than one approach to a problem b4 write clearly b5 make a presentation and engage in a discussion; b6 a capacity for self-organization.
<p>c-professional informations</p>	<p>C1.perform lower endourologic procedures like cystoscopy and double j fixation</p> <p>C2. Assist in Uretroscopy and PCNL</p>
<p>d- General and transferable skills</p>	<ul style="list-style-type: none"> d1. Demonstrate ability to communicate with patients with urologic diseases. d2. use information technology effectively. d3. develop an ability for self-learning in a developing world. d4. apply appropriate knowledge, skills and attitudes for effective patient care
<p>COURSE CONTENT</p>	<p>-Cystocopy and assessment for any lesion in urethra, prostate and bladder</p> <p> Doubl jj application</p> <p> Ureteric cthetr fixation</p> <p>-Basic principals of:</p> <p>TURP</p> <p>Uretroscopy</p> <p>PCNL</p>

	<p>Visual internal urethrotomy Endopyelotomy</p> <p>-</p>
Teaching and learning methods	<p>1 Lectures 2 clinical rounds 3 operative field 4 senior staff assistance</p>
Student assessment methods	<ul style="list-style-type: none"> • Final exam which include: <ul style="list-style-type: none"> - Urology exam (two paper)
Weighting of assessments	<ul style="list-style-type: none"> • Second Exam <ul style="list-style-type: none"> -Written - Oral -Clinical -operative exam
6- List of references	<p>Essential books (text books) Smith's textbook of Urology Campbell's textbook of Urology For all books listed the latest edition is recommended.</p>
Periodicals, Websites	<p>www.ernedecine.com www.medscape.com www.urotoday.com</p>
7- Facilities required for teaching and learning	<ul style="list-style-type: none"> • Main lecture hall in the hospital. • 1 hall for the clinical round • Whiteboards • Slides of clinical cases • Slide projector of the hospital • Data show of the hospital • Computer in the department • Operative feild
Action plan	<ul style="list-style-type: none"> • Scientific researches for students on recent topics in

	urology • Prepare an <i>undergraduate student urology notes</i>
--	---

Course coordinator: Prof Dr Ahmed Fahim

Head of Department: Prof Dr Hussein Galal

Date: / /2013