

**SYLLABUS OF**  
**CERTIFICATE OF HIGHER SPECIALIZATION IN**  
**MEDICINE (CHSM) IN UROLOGY**

**Plan No. 2/09/92/ش**

**First : General Regulations:**

- a) a) This plan conforms to the valid regulation of program of graduate studies..  
b) The Bachelor degree in Medicine & general surgery is the prerequisite for this program

**Second: Special Regulations:**

None

**Third: The syllabus consists of:**

- a) Five obligatory programmed years of the following sequence :

<u>Year</u>	<u>Subject</u>
First	General Surgery
Second	Principles of Urology & Allied Surgery
Third	Clinical Urology
Fourth	Clinical Urology
Fifth	Clinical Urology

- b) Full comprehensive examination at the end of the fourth year.  
c) The enclosed training details & duration in each department for each training year are a fully intergrated program.

**Fourth : The Program:**

<b>Year</b>	<b>Summary</b>
<b>1<sup>st</sup> Year</b>	<b><u>Basic Surgical principles</u></b> 1-Emergency Patient care (12-Evening case review) 2-Bed-Side patient care (1) 3-Introduction of Surgical Skills 4-Basic principles Seminar 4-Surgical case seminar

**2<sup>nd</sup> Year**

**Basic Surgical principles**

- 1- Recording the patient's history as well /under supervision of most senior resident & consultant.**
- 2- 2-As clinical examination. /under supervision of most senior resident & consultant.**
- 3- 3-Follow up the patient's case/under supervision of most senior resident & consultant.**
- 4- Conducting lab. Tests and discussing them. /under supervision of most senior resident & consultant.**
- 5- Prescribing the necessary medications. /under supervision of most senior resident & consultant.**
- 6- Care & follow up of out patient/under supervision of most senior resident & consultant.**
- 7- Care & follow up of emergency patient/under supervision of most senior resident & consultant.**
- 8- Submitting the morning report. /under supervision of most senior resident & consultant.**
- 9- Submitting seminars in the principles of Urology/under supervision of most senior resident & consultant.**
- 10-Assisting in surgeries. /under supervision of most senior resident & consultant.**

Year	Summary
3 <sup>rd</sup> Year	<p>1-Recording the patient's history as well /under supervision of most senior resident &amp; consultant.</p> <p>2-as clinical examination. /under supervision of most senior resident &amp; consultant.</p> <p>3-Follow up the patient's case/under supervision of most senior resident &amp; consultant.</p> <p>4-Conducting lab. Tests and discussing them/under supervision of most senior resident &amp; consultant.</p> <p>5-Prescribing the necessary medications/under supervision of most senior resident &amp; consultant.</p> <p>6-Submitting the morning report/under supervision of most senior resident &amp; consultant.</p> <p>7-Submitting seminars in Urology/under supervision of most senior resident &amp; consultant.</p> <p>8- Assisting in surgeries/under supervision of most senior resident &amp; consultant.</p>
4 <sup>th</sup> Year	<p>1-Recording the patient's history as well as clinical examination/under supervision of most senior resident &amp; consultant.</p> <p>2-Follow up the patient's case/under supervision of most senior resident &amp; consultant.</p> <p>3-Conducting lab.tests and discussing them/under supervision of most senior resident &amp; consultant.</p> <p>4-Prescribing the necessary medications/under supervision of most senior resident &amp; consultant.</p> <p>5-Submitting the morning report/under supervision of most senior resident &amp; consultant.</p> <p>6-Submitting seminars in the latest advancements in Urology/under supervision of most senior resident &amp; consultant.</p> <p>7-Research Project/under supervision of most senior resident &amp; consultant.</p> <p>8- Assisting in surgeries/under supervision of most senior resident &amp; consultant</p>

<b>5<sup>th</sup> Year</b>	<b>1- Recording the patient's history as well as clinical examination / under supervision of consultant. 2-Follow up the patient's case/ under supervision of consultant. 3-Conducting lab.tests and discussing them/ under supervision of consultant. 4-Prescribing the necessary medication/ under supervision of consultant.s 5-Submitting the morning repor/ under supervision of consultant.t 6-Submitting seminars in the latest advancements in Urology/ under supervision of consultant. 7-Research Project/ under supervision of consultant. 8- Assisting in surgeries/ under supervision of consultant.</b>

**CERTIFICATE OF HIGHER SPECIALIZATION**  
**IN MEDICINE (CHSM) UROLOGY**

**FIRST YEAR TRAINING:**

**GENERAL SURGERY**

**COURSE NAME**

**DURATION**

Emergency Patient Care (1)

(1) hour twice weekly

Evening Case Review

(1) hour /call for two calls  
/week

Bed Side Patient Care (1)

(2)hours/round for (3)  
times/week

Introduction to Surgical Skills

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Basic principles Seminar

One meeting per week

Surgical Case Seminar

One meeting (seminar  
hour)/week

**Emergency Patient Care (Morning Case Review) (1) :**

The Chairman of the department meets with the students on call the night before to discuss emergency admission. The student is expected to present the case and put forward a diagnosis and a plan of management. He is expected to defend his diagnosis and rationalize his planned management and to have reviewed relevant literature about the presented case.

**Duration :**

(1) Hour twice weekly

**Evening Case Review " Evening Closing Rounds ":**

Students are required to report on problematic cases in the ward, when on call, and to discuss them with the senior graduate student & teaching staff member on call.

**Duration:**

(1) Hour/call for two calls /week.

**Bed Side Patient Care (1) " Ward Rounds":**

The student makes round on the patients assigned to him. During the round, the teaching staff member who is caring for the patient discusses the patient history, Physical examination, General assessment, diagnosis and plan of management. The students are expected to consult relevant literature before the rounds.

**Duration:**

(2) Hours/round for (3) times/week

**Introduction to Surgical Operative Skills:**

Students are introduced to the operating room in which live cases are being handled. The student assists the surgeon in carrying out the operations.

**Basic Principles of Surgery Seminar :**

The student is required to prepare and present at least four presentations per semester for a total of eight presentations per year on problems or issues dealing with basic principles of surgery. Topics are assigned by the department and presentations are attended by all graduate students and discussion is directed by the assigned teaching staff member.

**(One Meeting Per Week )**

**Surgical Case Presentation Seminar :**

The student is required to present in a meeting at least four surgical cases per semester for two semester ( total of 8 presentation /year). The meeting is attended by all graduate students in the department of general surgery and the discussion is directed by the assigned teaching staff member and is directed to preoperative diagnosis, investigations, applied therapeutic measures and prognosis .

**Duration :**

(One meeting ( Seminar hour)/week)

## **SECOND YEAR TRAINING:**

Urology and allied surgeries :

- 1- Recording the patient's history as well as clinical examination.
- 2- Follow up the patient's case
- 3- Conducting lab. Tests and discussing them.
- 4- Prescribing the necessary medications.
- 5- Submitting the morning report.
- 6- Submitting seminars in the principles of Urology
- 7- Assisting in surgeries.

The trainee can spend-with the consent and arrangement of the unit-this year either entirely in the Urological Unit or partially in other units connected to the Urological unit such as Emergency Unit, Neurology, Nephrology, or surgery.

## **THIRD YEAR TRAINING:**

- 1- Recording the patient's history as well as clinical examination.
- 2- Follow up the patient's case
- 3- Conducting lab. Tests and discussing them
- 4- Prescribing the necessary medications
- 5- Submitting the morning report
- 6- Submitting seminars in Urology
- 7- Assisting in surgeries as well as performing some surgeries where the trainee is the surgeon or the first assistant in operations such as : Scrotal , and endoscopic surgeries.

The trainee spends this year in the Urological unit.

## **FOURTH YEAR TRAINING :**

- 1- Recording the patient's history as well as clinical examination
- 2- Follow up the patient's case
- 3- Conducting lab.tests and discussing them
- 4- Prescribing the necessary medications
- 5- Submitting the morning report
- 6- Submitting seminars in the latest advancements in Urology such as continence dynamics , extra corporeal shock wave lithotripsy as well as submitting chosen researches from the latest medical periodicals and discussing them.
- 7- Assisting in surgeries, and performing surgeries such as cystoscopy for bladder tumors, ureteroscopy, and some surgeries involving the kidney and the ureter where the trainee is the surgeon or the first assistant.
- 8- Participating in the teaching process for the post-graduate as well as the under -graduate in addition to the scientific research.

**FIFTH YEAR TRAINING:**

- 1- Recording the patient's history as well as clinical examination
  - 2- Follow up the patient's case
  - 3- Conducting Lab. Tests and discussing them
  - 4- Prescribing the necessary medications.
  - 5- Submitting the morning report.
  - 6- Submitting seminars in the latest advancements in Urology such as continence dynamics, extra corporal shock wave lithotripsy as well as submitting chosen researches from the latest medical periodicals and discussing them.
  - 7- Assisting in surgeries, and performing surgeries such as cystoscopy for bladder tumors, uretroscopy and some surgeries involving the kidney and the ureter where the trainee is the surgeon or the first assistant.
  - 8- Participating in the teaching process for the post-graduate as well as the under-graduate in addition to the scientific research.
- The trainee spends this year in Urological unit