



**Quality Assurance Unit**



**Tanta University  
Faculty of Medicine**

**Department of General Surgery**

**Course Specifications**

**General Surgery for Clinical  
Oncology & Nuclear Medicine  
Master degree**

**2015-2016**

***Course Specifications: General Surgery for Clinical Oncology & Nuclear Medicine  
Diploma & Master degree, 2015-2016***

General Surgery for Clinical Oncology & Nuclear Medicine Diploma & Master Degree Course specifications

**University: Tanta Faculty: Medicine Department: General Surgery**

**A- Administrative Information**

**1- Course title: General Surgery for Clinical Oncology & Nuclear Medicine Diploma & Master Degree**

**2- Department offering the program: Radiotherapy Department**

**3- Department responsible for the course: General Surgery Department, Faculty of medicine.**

**4- Course code: TMED. 02-A18 Gen Surg & TMED. 03-A18 Gen Surg**

**- Level: Second Part: of Total 70 %**

**6- No. of Credit / taught hours:**

**Lectures: 15 h (1 credit h)      Practical & clinical: 60 h (2 credit h)      Total: 75h (3 credit h)**

**7-Authorization date of course specification: 18-9-2013**

**B- Professional Information**

**1 – Overall course aims**

**Our Course aims to:**

- To provide a core scientific knowledge concerning the understanding, preparing and managing different surgical conditions related to Radiotherapy safely.
- To train and graduate competent Radiotherapy specialist with good knowledge about the general surgery topics in relation to his specialty practice.
- To provide an educational environment that promotes the standard delivery of general health care.

**2 – Intended learning outcomes (ILOs):**

**a. Knowledge and understanding:**

**By the end of the course the candidate will be able to:**

a1 – Define the principles of General surgery in relation to clinical oncology and Radiotherapy.

a2 - Formulate a reasonable and comprehensive differential diagnosis and recognized common disorders between general surgery and clinical oncology and Radiotherapy.

**b. Intellectual skills:**

**By the end of the course the candidate will be able to:**

b1- Recognizes emergency situations and manage them effectively. Select relevant investigations logically and conservatively, and interpreting their results accurately.

**c. Professional and practical skills:**

**By the end of the course the candidate will be able to:**

c1-) Perform many surgical, diagnostic and therapeutic procedures and operations, especially those used in the management of emergencies and trauma.

c2- Implement the professional ethical attitude with patient and their relatives.

c3- Keep orderly and informative medical records.

**d. General and transferable skills:**

**By the end of the program the candidate will be able to:**

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- d1- Advise colleagues from other specialties with regard to the problems related to surgery.  
d2 -Possess high ethical and moral standards.  
d3 - Perform continuous medical education  
d4 - Apply self education and specify his educational needs.

**3 – Course content:**

**3-a- Course Structure:**

**General topics**

- 1) Shock and hemorrhage
- 2) Cardio pulmonary resuscitation (CPR)
- 3) Blood transfusion and coagulation defects
- 4) Wound healing, wound care and surgical incisions
- 5) Pre operative preparation & post operative complications
- 6) Management of trauma
- 7) Fluids, electrolytes and nutritional management
- 8) Burns
- 9) Principles of oncology
- 10) Principal of transplantation
- 11) Physiological monitoring of surgical patient and pain management
- 12) Endocrine and metabolic response to injury and stress

Each topic will be given in a 2 hours lecture

**Special topics:**

- 1) Skin swelling and ulcers
- 2) Subcutaneous lesions
- 3) Peripheral arterial ischemia
- 4) Breast, areola and nipple
- 5) D.D of inguinoscrotal swellings
- 6) D.V.T
- 7) D.D of lateral and midline neck swellings
- 8) Cervical lymphadenopathy
- 9) Thyroid
- 10) Swollen leg and varicose veins

Attending concerning lectures is mandatory to all candidates (75% attendance)

Plus one month practical training in the Emergency Surgery including CPR (Cardio Pulmonary Resuscitation) Principles

**3-b- Course structure:**

حسب لائحة الدراسات العليا الحالية لكلية الطب – جامعة طنطا  
لكل مجلس قسم سلطة تحديد ساعة معتمدة أو جزء منها عن الأنشطة الآتية ضمن البرنامج التدريبي للطلاب:  
حضور سيمينار – مؤتمر القسم العلمي – تقديم عروض- حضور مناقشة رسائل – حضور عمليات – مناظير – أنشطة معملية  
– صباغة شرائح – مناقشة حالات أو نتائج أبحاث أو شرائح

**Course structure:**

Lectures: 15 h (1 credit h)      Practical & clinical: 60 h (2 credit h)      Total: 75h (3 credit h)

3.b.i\_ No of hours per week:

For 10 weeks. Lectures: 1.5 taught hours/ week (15) and clinical: 6 taught hours/ week (60)

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**4-Teaching and learning methods**

- Lectures
- Seminars
- Workshops
- Bedside teaching
- assignments
- conference participation and attendance
- observation

**5-Student Assessment**

- 5.1... written to assess (a.1, 2,)
- 5.2 ...oral to assess... (a1, 2, b. 1,)
- 5.3... practical to assess (b1, 2 c. 1, 2,)
- 5.4...Log Book to assess (c.3, d1, 2, 3, 4)

**6- Weighing of assessments**

Item	Mark		
	During semester	End of semester	Total
Second Part	Attendance to lectures and Lab	End exam of First Part Written, oral and practical	
Total			

Method of Assessment	%
Final term examination	40 %
Oral examination	30 %
Practical/laboratory work	30 %
Total	100%

**7- List of references**

- 1) Kasar AlAini Textbook of Surgery, 2008
- 2) Baily and Love's Short Practice of Surgery, 2008
- 3) M D Andreson Surgical Oncology Book, 2010

**8-Other resources/ facilities required for teaching and learning to achieve the above ILOs**

None

**9 -We certify that all of the information required to deliver this Course is contained in the above specifications and will be implemented**

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We verify that the above report and the analysis of students and external evaluator opinions are accurate.

Course coordinator and head of department  
name.....signature.....Date.....

Head of quality assurance unit:  
name.....signature.....Date.....