

## *Personal Data*

Name: .....

Department : .....

Mobile Number:.....

E-mail Address: .....

Master Degree:

Date of registration: ...../...../.....

MD Degree:

Date of registration: ...../...../.....

Signature:

Head of the Department

Vice Dean for research and postgraduate study

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I. Timetable of lectures and practical skills.

II. Program courses.

٢٣- درجة الماجستير في الجراحة

Surgery

القسم المانح للدرجة : الجراحة

المقررات الدراسية وتوزيع الساعات المعتمدة

الساعات المعتمدة		الكود	Course	المقرر	
الاجمالي	المقرر				
5	1	SUR 501	Surgical Anatomy	التشريح الجراحي	الفصل الدراسي الأول
	1	SUR 502	Histology	الهستولوجيا	
		SUR 503	Physiology	الفسيولوجيا	
	1	SUR 504	Biochemistry	الكيمياء الحيوية	
		SUR 507	Microbiology	الميكروبيولوجيا	
	1	SUR 505	General Surgery Pathology	الباثولوجيا الجراحية العامة	
1	SUR 506	Clinical Pharmacology	الفارماكولوجيا الاكلينيكية		
18	17	SUR 520	General Surgery	الجراحة العامة	الفصل الدراسي الثاني والثالث والرابع
	1		<b>Elective course</b> 1- Micro vascular surgery. 2- Basic trauma operative management. 3- ATLS. 4- Bariatric surgery. 5- Head & Neck reconstruction. 6- Stem Cell Therapy. 7- Statistics & Research Methodology . 8- Cardio thoracic Surgery. 9- Neuro Surgery.	مقرر اختياري (يختار مقرر واحد) يختار الباحث مقرر واحد من course الماجستير مختلف عن course الدكتوراه	
10		SUR 520C SUR 520P		*برنامج التدريب الاكلينيكي و العملي الجراحة العامة و فروعها : - جراحة جهاز هضمي - جراحة الاطفال - جراحة الاورام - جراحة أوعية دموية - جراحة غدد صماء - جراحة القولون و المستقيم - جراحة الطوارئ - جراحة التحميل	كراسة الانشطة
2				*أنشطة علمية مختلفة	
10					الرسالة
45					اجمالي الساعات المعتمدة

ملحوظة: يجب على الطالب اجتياز الامتحان بنجاح في كلاً من :  
 أ- المناهج الإلزامية ب- المناهج الاختيارية التي اختارها الطالب



# **Section I: Clinical Rotation**



## ***Clinical Rotation***

Rotation	Date		Department/ hospital	Trainee`s signature	Trainer`s signature
	From	To			

## **Clinical Rotation**

Rotation	Date		Department, hospital	Trainee`s signature	Trainer`s signature
	From	To			

**Rotation:**

Summary of case	Level of performance			assessment			Trainer's signature
	Observation	Assistance	Independence				

**Rotation:**

Summary of case	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	fair	Good	

**Rotation:**

Summary of case	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good	

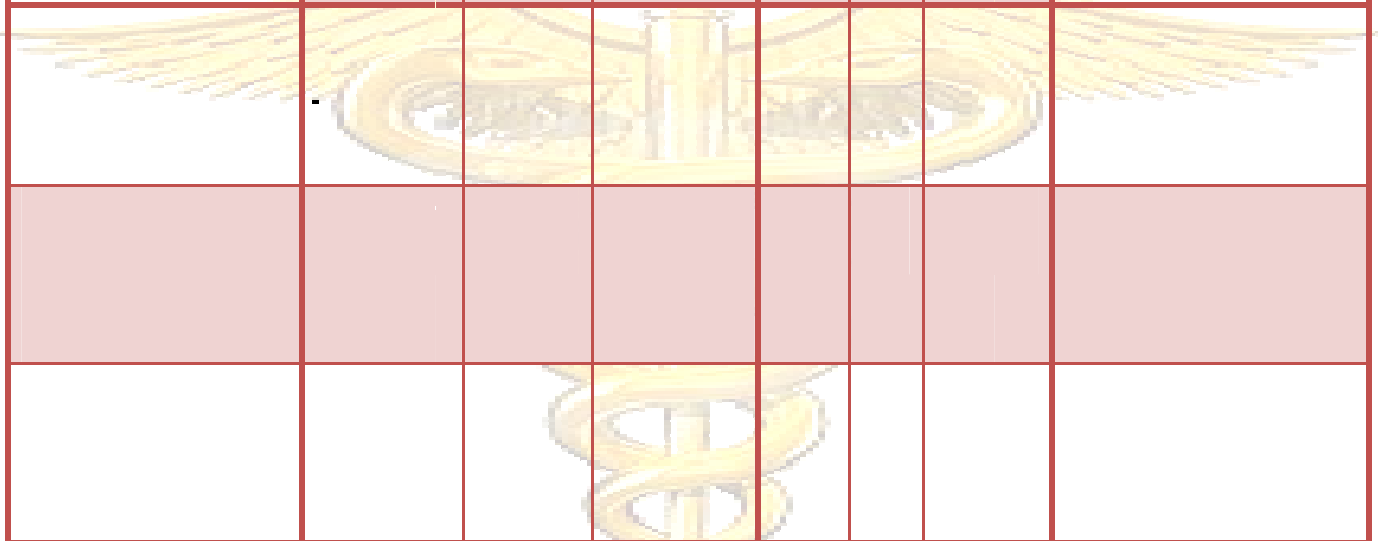
**Rotation:**

Summary of case	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good	

## **Rotation**

Summary of case	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good	

## **Rotation**

Summary of case	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good	
							



## **Rotation**

Summary of case	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good	

## **Rotation**

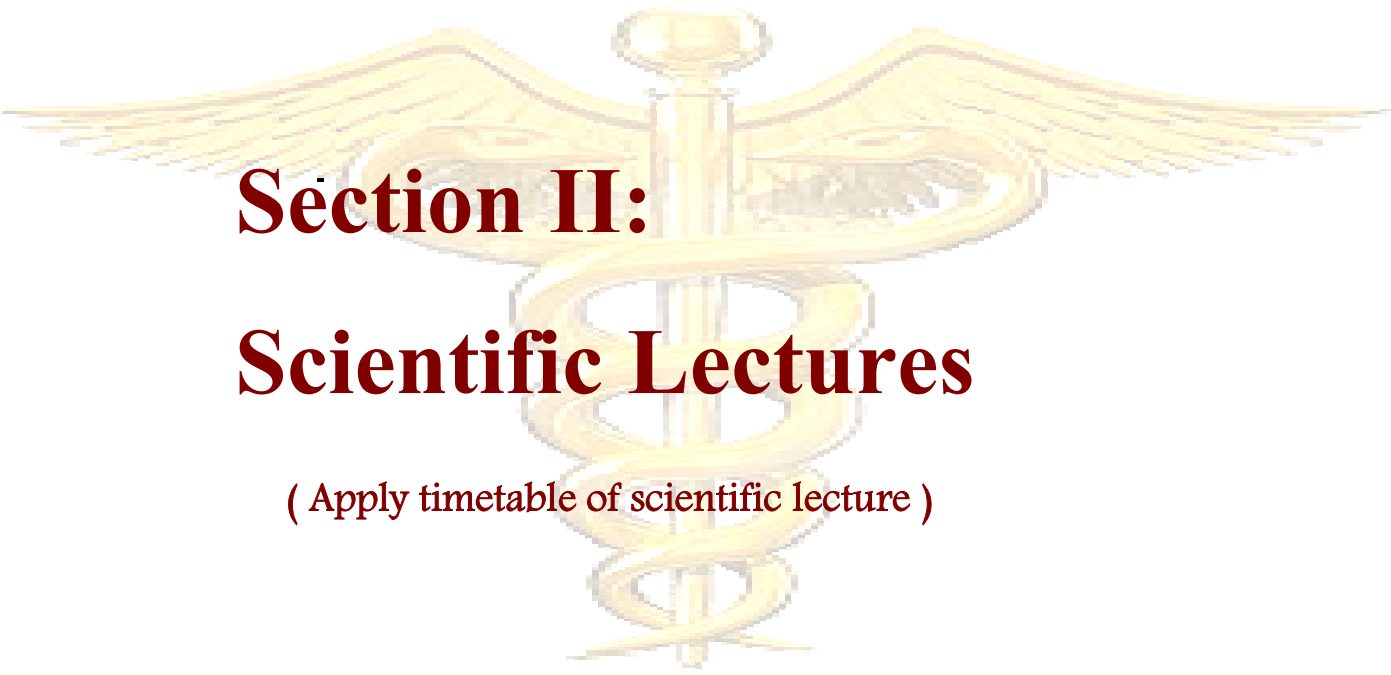
Summary of case	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good	

## **Rotation**

Summary of case	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good	

## **Rotation**

Summary of case	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good	



# **Section II:**

# **Scientific Lectures**

( Apply timetable of scientific lecture )

## **Scientific Lectures Anatomy (1<sup>st</sup> Part) :**

Date	Title	Supervisor's signature
	<p><u>1)Head &amp; Neck</u></p> <ul style="list-style-type: none"> <li>* scalp and face .</li> <li>* Anterical fascia and spaces of the neck .</li> <li>* Median region of neck .</li> <li>* Muscles of front of the neck.</li> <li>* Cervical fascia and spaces of the neck.</li> <li>* Carotid sheath and its contents .</li> <li>* salivary glands (parotid &amp; Submandibular)</li> <li>* Subclavian artery .</li> <li>* Cervical lymph nodes .</li> <li>* Thyroid gland.</li> <li>* Carotid arteries.</li> <li>* Jagularvein</li> </ul>	
	<p><u>(2) - Thorax :</u></p> <ul style="list-style-type: none"> <li>*Intercostals spaces</li> <li>* Thoracic duct.</li> </ul>	
	<p><u>(3)- Abdomen &amp; pelvis</u></p> <ul style="list-style-type: none"> <li>* Rectus sheath ,inguinal canal and triangle spermatic cord.</li> <li>* Peritoneum and peritoneal recesses.</li> <li>* Spleen, Stomach, and Duodenum .</li> <li>* Small and Large Intestine .</li> <li>* Liver, Gall Bladder ,Bile Duct, and Pancreas.</li> <li>* Coeliac trunk, superior and Inferior Mesenteric arteries ,portal vein and pro-systemic anastomosis .</li> <li>* Pelvic viscera ( Urinary bladder, rectum, and canal)               <ul style="list-style-type: none"> <li>- Posterior abdominal wall                   <ul style="list-style-type: none"> <li>a) Muscles &amp; fascia    b) Abdominal aorta</li> <li>c) lvc                    d) Cisterna chili &amp; Thoracic dud</li> </ul> </li> </ul> </li> </ul>	
	<p><u>(4)- Lower Limb :</u></p> <ul style="list-style-type: none"> <li>* arteries and Veins of lower limb.</li> <li>* Sciatic ,Femoral ,Tibial, and common Personal nerves .</li> </ul>	

## **Scientific Lectures Anatomy (1<sup>st</sup> Part) :**

Date	Title	Supervisor's signature
	<u>(4)- Lower Limb :</u> * arteries and Veins of lower limb. * Sciatic ,Femoral ,Tibial, and common Peroneal nerves .	
	<u>(5)-Upper Limb :</u> * Brachial plexus. * Vessels of the upper limb. * Axilla and axillary lymph nodes . * Mamm ary gland & its lymphatic drainage . * Fascia of the Hand .	

## **Scientific Lectures General Pathology(1<sup>st</sup> Part) :**

Date	Title	Supervisor's signature
	<ul style="list-style-type: none"><li>-inflammation : acute, chronic (including granulomas ).</li><li>-Infections (bacterial - viral - fungal &amp; parasitic).</li><li>-Repair.</li><li>-Cellular response to injury.</li><li>-Circulatory disturbances.</li><li>-Tumors</li></ul>	





**Scientific Lectures Medical Microbiology & Immunology (1<sup>st</sup> Part) :**

Date	Title	Supervisor's signature
	<p><b><u>General Microbiology</u></b></p> <p>1. Antimicrobial agents &amp; drug resistance.                      2. Molecular techniques used in diagnoses of microbial infection.</p>	
	<p><b><u>Immunology</u></b></p> <p>3-Cells of the immune system &amp; their functions.                      4-Immunomodulation.                      5-Hypersensitivity.                      6-Transplantation immunology.                      7. Autoimmune diseases.                      8. Tumor immunology.</p>	
	<p><b><u>Clinical microbiology</u></b></p> <p>9-Wound infection &amp; surgical site infection.                      10-Bum infection.                      11-Anaerobic infections.                      12-PUO.                      13-Mycobacterial and atypical mycobacterial infection.                      14-Opportunistic infection.</p>	
	<p><b><u>Virology</u></b></p> <p>15-Hepatitis.                      16-HIV</p>	
	<p><b><u>Nosocomial Infection &amp; Infection Control</u></b></p> <p>17-Types of hospital acquired infections.                      18- Infection control measures used to prevent nosocomial infection.                      19- Health care workers protection and vaccination.                      20- Health care acquired infections.                      21- Sterilization &amp; disinfection.</p>	

**Scientific Lectures SYLLABUS OF PHARMACOLOGY AND THERAPEUTIC (1<sup>st</sup> Part) :**

Date	Title	Supervisor's signature
	<p><b>1-General pharmacology:</b></p> <p>A- Introduction and scope to general pharmacology.</p> <p>B- Pharmacokinetics:</p> <ul style="list-style-type: none"> <li>-Drug absorption, bioavailability, distribution, and volume of distribution.</li> <li>-Metabolism, and enzyme induction.</li> <li>-Elimination and half-life of elimination.</li> </ul> <p>C-Factors modifying the dosage and action of drugs.</p> <p>D-Drugs interactions.</p> <ul style="list-style-type: none"> <li>-Mechanism.</li> <li>-Potentially serious and beneficial drug interaction.</li> </ul> <p>E- Adverse reactions of drugs on different systems:</p>	
	<p><b>2- Central nervous system.</b></p> <ul style="list-style-type: none"> <li>- Opiate analgesics.</li> <li>- Sedative and hypnotics.</li> <li>- Local anaesthetics</li> <li>- Pre-anaesthetic medication.</li> </ul>	
	<p><b>3-Autonomic Pharmacology</b></p> <ul style="list-style-type: none"> <li>a- Introduction and autonomic receptors.</li> <li>a- Adrenergic receptor stimulants.</li> <li>b- Cholinergic receptor stimulants.</li> <li>c- Pharmacology of atropine.</li> <li>d- Skeletal muscle relaxants.</li> <li>f - Autacoids.</li> <li>-Pharmacology of antihistamines. (<i>H<sub>1</sub> and H<sub>2</sub> blockers</i>).</li> </ul>	
	<p><b>4-Cardio vascular system.</b></p> <ul style="list-style-type: none"> <li>a- Drug therapy of shock. <ul style="list-style-type: none"> <li>-Hypovolaemic shock.</li> <li>-Neurogenic shock.</li> <li>-Anaphylactic! shock.</li> </ul> </li> <li>b- Drug therapy of peripheral vascular diseases.</li> </ul>	

**Scientific Lectures SYLLABUS OF PHARMACOLOGY AND THERAPEUTIC (1<sup>st</sup> Part) :**

Date	Title	Supervisor's signature
	<p><b>5- Blood:</b></p> <ul style="list-style-type: none"> <li>-Heparin and oral anticoagulants.</li> <li>-Intravenous fluid therapy.</li> <li>-Blood derivatives and plasma expanders.</li> <li>-Antiplatelets, fibrinolytics, antifibrionlytics and hemostatics.</li> </ul>	
	<p><b>6- Renal pharmacology</b></p> <ul style="list-style-type: none"> <li>-Introductions.</li> <li>-Thiazide diuretics &amp; loop diuretics.</li> <li>-K-sparing diuretics.</li> <li>-Adverse reaction of diuretics.</li> <li>-Urinary tract infection.</li> </ul>	
	<p><b>7- Chemotherapy;</b></p> <ul style="list-style-type: none"> <li>-Beta-lactam antibiotics. <ul style="list-style-type: none"> <li><i>Pencillins</i></li> <li><i>Cephalosporin</i></li> <li><i>Monoboclams.</i></li> </ul> </li> <li>-Aminoglycosides.</li> <li>-Tetracycline.</li> <li>-Chloramphenicol</li> <li>-Quinolones.</li> <li>-Sulphonamindes &amp; sulphonamide conmbinations.</li> <li>-Anti fungal drugs.</li> <li>-Metronidazole and antiamaebic drugs.</li> <li>-Antituberculus drugs.</li> <li>-Cancer chemotherapy. <ul style="list-style-type: none"> <li>-Chemoprophylxis.</li> </ul> </li> <li>-Causes of failure of Antimicrobial drugs.</li> <li>-Biologic response modifiers “ Immunotherapy”</li> </ul>	

**Scientific Lectures SYLLABUS OF PHARMACOLOGY AND THERAPEUTIC (1<sup>st</sup> Part) :**

Date	Title	Supervisor's signature
	<p><b>8-Endocrine pharmacology</b></p> <ul style="list-style-type: none"><li>-Drug therapy in diabetes mellitus.</li><li>-Treatment of comas in diabetes,</li><li>-Management of diabetic patient during surgery.</li><li>-Thyroid hormones and antithyroid drugs.</li><li>-Parathyroid modifying drugs.</li><li>-Adrenal corticosteroids and its analogues,</li><li>-Mineralocorides.</li><li>-Pheochromocytoma.</li></ul>	
	<p><b>9 - Gastrointestinal pharmacology</b></p> <ul style="list-style-type: none"><li>-Drug therapy of peptic ulcer.</li><li>- Drug affecting biliary system.</li><li>-Drugs modulating G.I. motility.</li><li>-Drugs used for treatment of esophageal varices.</li><li>-Drugs used for treatment of piles,</li><li>-Drugs used for treatment of ulcerative colitis and inflammatory bowel diseases.</li><li>-Carcinoid tumor.</li><li>-Acute pancreatitis</li></ul>	

**Scientific Lectures Histology (1<sup>st</sup> Part) :**

Date	Title	Supervisor's signature
	1-Introduction ( the cell) :- *The Cell membrane      *Cytoplasm      *Nucleus.	
	2-Integumentary:- *Types of skin *Epidermis types of cells & Turnover *Dermis      *Hair      *Glands	
	3-Vascular Tissues :- *Arteries      *Veins *Capillaries & Lymphatic vessels	
	4) Gastro intestinal tract:- *Lip, tongue, oesphagus, stomach *Large intestine *Salivary glands, parotid, submandibular sublingual , *Small intestine *liver, gall bladder, pancreas.	
	5- Endocrine system :- *Pituitary gland.      *Thyroid & Parathyroid gland . * Islet of langerhans      * Supra renal gland	
	6- Lymphatic system: *Tonsil      * Thymus *Lymph node      * Spleen	

**Scientific Lectures Physiology (1<sup>st</sup> Part) :**

Date	Title	Supervisor's signature
	1-Endocrine: *Pancreas. * Thyroid gland * Parathyroid gland	
	2- Circulation: *Heart rate. *Splanchnic circulation *Hemorrhage *Arterial blood pressure. *Shock	
	3-Kidneys: *Regulation of renal blood flow and GFR. *Function of renal tubules. *Acid base balance.	
	4- G.I.T: *Gastric secretion and motility *Small intestinal and its control & disorders.	
	5- Blood: *Homeostasis	
	6- C.N.S.: *Pain sensation and pain control system	
	7- Metabolism : *Regulation of body temperature.	
	8- Respiration: *Respiratory centers and its regulation *Hypoxia.	

**Scientific Lectures Biochemistry (1<sup>st</sup> Part) :**

Date	Title	Supervisor's signature
	<p><b><u>General course:</u></b></p> <ul style="list-style-type: none"><li>1-clinical enzymology</li><li>2-mechanism of hormonal action</li><li>3-molecular biology</li></ul> <p><b><u>Special course:</u></b></p> <ul style="list-style-type: none"><li>1-cell growth regulators &amp; tumor markers</li><li>2-minerals &amp; trace elements metabolism</li><li>3-physiology &amp; disorder of water , electrolytes , acid base metabolism</li><li>4-fluid &amp; mineral therapy</li><li>5-carbohydrate metabolism and blood glucose homeostasis and DM.</li><li>6-lipoprotein metabolism &amp; fatty liver &amp; lipotropic factors</li><li>7-catabolism of porphyrins and jaundice</li></ul>	

**Scientific Lectures General Surgery (2<sup>st</sup> Part) :**

**Module -1**

Date	Title	Supervisor's signature
	<p><b><u>1-General Topics:</u></b></p> <ul style="list-style-type: none"><li>- Surgical infections and antibiotics.</li><li>- Specific infections of surgical importance: Tetanus – gas gangrene</li><li>- Systemic Response to Injury and Metabolic Support.</li><li>- Management of acutely and seriously ill patient.</li><li>- Fluid and Electrolyte Management of the Surgical Patient.</li><li>- Hemostasis &amp; Surgical Bleeding.</li><li>- Blood transfusion &amp; blood substitutes.</li><li>- Shock.</li><li>- Trauma.</li><li>- Burns.</li><li>- Wound Healing.</li><li>- General Principles of oncology.</li><li>- Surgical immunology &amp; Transplantation.</li><li>- The Skin and Subcutaneous Tissue: Basal cell carcinoma – squamous cell carcinoma – Malignant melanoma – Ulcers – abscesses – sinuses – fistulae – skin swellings –Pre-malignant skin lesion- benign &amp; skin lesion .</li><li>- Soft Tissue Sarcomas.</li><li>- Perioperative surgical management.</li><li>- LASER in surgery.</li><li>- Surgical nutrition.</li><li>- Patient safety, errors and complication in surgery.</li><li>- Physiologic monitoring of the surgical patients.</li><li>- Minimally invasive surgery.</li><li>- Adjuvant and adjunctive therapy in malignant diseases.</li><li>- Brach therapy and Radiofrequency ablation.</li></ul>	



**Scientific Lectures (2<sup>st</sup> Part) :**

**Module -1**

Date	Title	Supervisor's signature
	<p><b><u>2-Urology:</u></b></p> <ul style="list-style-type: none"><li>- Urologic trauma.</li><li>- Urologic Malignancies.</li><li>- Urinary stones.</li></ul>	
	<p><b><u>3-Orthopedic surgery:</u></b></p> <ul style="list-style-type: none"><li>- Orthopedic trauma.</li><li>- Fracture spine.</li><li>- Fracture pelvis.</li><li>- Orthopedic tumors</li></ul>	
	<p><b><u>4-Plastic Surgery:</u></b></p> <ul style="list-style-type: none"><li>- Flaps.</li><li>- Grafts.</li><li>- Reconstructive surgery.</li><li>- Jaw swellings.</li><li>- Maxillofacial injuries.</li></ul>	
	<p><b><u>5-Neurosurgery:</u></b></p> <ul style="list-style-type: none"><li>- Peripheral nerve injuries.</li><li>- Head trauma.</li><li>- Brain tumors.</li><li>- Cerebro-vascular disorders.</li></ul>	
	<p><b><u>6-Scrotum &amp; Hernias:</u></b></p> <ul style="list-style-type: none"><li>- Testicular tumors.</li><li>- Varicocele.</li><li>- Hydrocele.</li><li>- scrotal swellings.</li><li>- Testicular emergencies.</li></ul>	

**Scientific Lectures (2<sup>st</sup> Part) :**

**Module -1**

Date	Title	Supervisor's signature
	<p><b><u>7-Hernia:</u></b></p> <ul style="list-style-type: none"><li>- Internal hernias.</li><li>- External Hernias: Inguinal – femoral – ventral hernias- Incisional .</li><li>- Other rare types.</li></ul>	
	<p><b><u>8-cardiothoracic surgery:</u></b></p> <ul style="list-style-type: none"><li>- chest trauma.</li><li>- CABAG.</li><li>- Empyema.</li><li>- Lung tumours.</li></ul>	



## **Scientific Lectures (2<sup>st</sup> Part) :**

### **Module -2**

Date	Title	Supervisor's signature
	<p><b><u>1- Breast Surgery:</u></b></p> <p>Benign conditions – Breast cancer – Nipple discharge.</p>	
	<p><b><u>2-Head &amp; neck Surgery</u></b></p> <ul style="list-style-type: none"><li>- Tracheostomy.</li><li>- Neck fistulae.</li><li>- Neck swellings</li><li>- Salivary gland tumours (benign and malignant).</li><li>- Neck dissection.</li><li>- Tongue ulcers &amp; cancer tongue.</li><li>- Cancer lip &amp; floor of the mouth.</li></ul>	
	<p><b><u>3-Vascular Surgery</u></b></p> <ul style="list-style-type: none"><li>- Arterial Disease: Acute and chronic ischaemia – peripheral aneurysms - &amp; Pseudoaneurysm – Abdominal aortic aneurysm - Vasculities</li><li>- Venous diseases: varicose veins – DVT – Chronic venous insufficiency.</li><li>- Vascular malformations &amp; Haemangioma.</li><li>- Lymphatic Disease: lymphoedema – Lymph node disorders.</li><li>- Differential diagnosis of swollen limbs.</li><li>- Gangrene and amputations.</li><li>- Thoracic outlet syndrome and other compression syndromes.</li><li>- Vascular trauma.</li></ul>	

**Scientific Lectures (2<sup>st</sup> Part) :**

**Module -2**

Date	Title	Supervisor's signature
	<p><b><u>4-Pediatric Surgery:</u></b></p> <ul style="list-style-type: none"><li>- Pediatric Malignancy.</li><li>- Epispadias &amp; Hypospadias.</li><li>- Neck Masses.</li><li>- Pediatric GIT disorders.</li><li>- Cleft lip &amp; Cleft palate.</li><li>- Pediatric jaundice.</li><li>- Childhood tumors.</li><li>- Neonatal intestinal obstruction.</li><li>- Anomalies of vitellointestinal duct.</li></ul>	

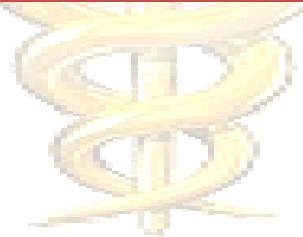


**Scientific Lectures (2<sup>st</sup> Part) :**  
**Module -3**

Date	Title	Supervisor's signature
	<p><b><u>1-GIT &amp; abdominal Surgery:</u></b></p> <ul style="list-style-type: none"> <li>- Esophagus: GERD &amp; diaphragmatic hernia – motility disorders – cancer oesophagus and dysphagia.</li> <li>- Stomach: Peptic ulcer – tumors – gastric outlet obstruction.</li> <li>- Small Intestine: benign tumors – malignant tumors – intestinal obstruction – inflammatory diseases- diverticulae.</li> <li>- Colon, Rectum, and Anus: inflammatory diseases – polyps – tumors – obstruction- anal (fissure- fistula – haemorrhoids - perianal abscess) – rectal prolapse.</li> <li>- Carcinoid tumor of GIT.</li> <li>- The Appendix.</li> <li>- Liver: abscess- tumors - Hydated diseas –Hepatomegaly – Liver resections- Portal vein thrombosis.</li> <li>-Gallbladder and the Extrahepatic <ul style="list-style-type: none"> <li>- Biliary System.</li> </ul> </li> <li>- Pancreas: Pancreatitis – exocrine pancreatic tumors.</li> <li>- Spleen: splenomegaly &amp; Hypersplenism – Hydated diseas.</li> <li>- Ileostomy – colostomy – GIT fistulae.</li> <li>- Abdominal Wall, Omentum, Mesentery, and Retroperitoneum: Hernias –burst abdomen- MVO- Peritoneal and retroperitoneal tumors.</li> <li>- Portal hypertension.</li> <li>- Upper GIT bleeding.</li> <li>- Lower GIT bleeding.</li> <li>- Abdominal trauma.</li> </ul>	

**Scientific Lectures (2<sup>st</sup> Part) :**  
**Module -3**

Date	Title	Supervisor's signature
	<p><b><u>2-Endocrine Surgery:</u></b></p> <ul style="list-style-type: none"><li>- Thyroid gland.</li><li>- Parathyroid glands.</li><li>- Adrenal glands.</li><li>- MEN syndromes</li><li>- Endocrinal disorders of pancreas.</li></ul>	
	<p><b><u>3-Bariatric Surgery:</u></b></p> <ul style="list-style-type: none"><li>- Surgical management of morbid obesity.</li></ul>	



## **Scientific Lectures (2<sup>nd</sup> Part) :**

### **Elective Course**

Date	Title	Supervisor's signature
	<p>[A] <u>Stem Cell Therapy</u></p> <ol style="list-style-type: none"><li>1- <u>Current treatments</u></li><li>2- <u>Potential treatments</u><ol style="list-style-type: none"><li>a. <u>Brain damage</u></li><li>b. <u>Stem Cell Technologies</u></li><li>c. <u>Cancer</u></li><li>d. <u>Spinal-cord injury</u></li><li>e. <u>Heart damage</u></li><li>f. <u>Hematopoiesis (blood-cell formation)</u></li><li>g. <u>Baldness</u></li><li>h. <u>Missing teeth</u></li><li>i. <u>Deafness</u></li><li>j. <u>Blindness and vision impairment</u></li><li>k. <u>Amyotrophic lateral sclerosis</u></li><li>l. <u>Graft vs. host disease and Crohn's disease</u></li><li>m. <u>Neural and behavioral birth defects</u></li><li>n. <u>Diabetes</u></li><li>o. <u>Transplantation</u></li><li>p. <u>Stem cell educator therapy</u></li><li>q. <u>Orthopaedics</u></li><li>r. <u>Wound healing</u></li><li>s. <u>Infertility</u></li></ol></li><li>3- <u>Clinical trials</u></li><li>4- <u>Stem cell use in animals</u></li></ol>	

## Scientific Lectures (2<sup>nd</sup> Part) :

### Elective Course

Date	Title	Supervisor's signature
	<p><u>B] Micro vascular Surgery</u></p> <ul style="list-style-type: none"><li>a. Free tissue transfere</li><li>b. Replantation</li><li>c. Transplantation</li></ul>	
	<p><u>C- Basic trauma operative management</u></p> <p><b><u>I Trauma Orientation</u></b></p> <ul style="list-style-type: none"><li>- Triage</li><li>- Initial assessment and management</li><li>- Airway and Ventilatory management</li></ul> <p><b><u>II Shock</u></b></p> <ul style="list-style-type: none"><li>- <a href="#">The Bleeding Trauma Patient</a></li><li>- Other types of shock</li></ul> <p><b><u>III ICU</u></b></p> <ul style="list-style-type: none"><li>- Ventilation</li><li>- <a href="#">Fluids and Electrolytes</a></li><li>- <a href="#">Acid-Base Disorders</a></li><li>- <a href="#">Acute Renal Failure in the SICU</a></li><li>- <a href="#">The Febrile Surgical Patient</a></li><li>- <a href="#">Nutrition and the ICU</a></li></ul> <p><b><u>IV Thoracic Trauma</u></b></p> <ul style="list-style-type: none"><li>- <a href="#">Chest Trauma</a></li><li>- <a href="#">Tracheobronchial Injury</a></li><li>- Visceral Organ injuries</li></ul> <p><b><u>V Abdominal and pelvis trauma</u></b></p> <ul style="list-style-type: none"><li>- Abdominal trauma</li><li>- Types of abdominal trauma</li><li>- <a href="#">Hepatic Trauma</a></li><li>- <a href="#">Aortic Injury</a></li><li>- <a href="#">Renal Trauma</a></li><li>- <a href="#">Colon Injuries</a></li><li>- Duodenal injury</li><li>- Small Bowel injury</li><li>- <a href="#">Compartment Syndromes</a></li><li>- Damage control surgery</li></ul> <p><b><u>VI ABDOMINAL EMERGENCIES</u></b></p> <ul style="list-style-type: none"><li>• Acute Abdomen</li><li>Diff Diagnosis</li></ul>	



**Basic Clinical Skills and Techniques**

- Endotracheal intubation
- Cricothyroidotomy
- Tracheostomy
- Nasal Packing for complex facial injuries
- Intercostal tube insertion.
- [Sutures and Knot Tying](#)
- Basic Principles of Laparotomy and exploration and damage control Surgery.
- Basic Principles of exposures of peripheral Vascular injuries and damage control surgery.

**D- ATLS**



## **Scientific Lectures (2<sup>nd</sup> Part) :**

### **Elective Course**

Date	Title	Supervisor's signature
	<p data-bbox="272 465 539 501"><u>[E] Bariatric Surgery</u></p> <p data-bbox="272 521 469 557"><u>1- Indications</u></p> <p data-bbox="272 568 791 604"><u>2- Classification of surgical procedures</u></p> <p data-bbox="272 616 815 651"><u>Predominantly malabsorptive procedures</u></p> <p data-bbox="272 663 608 698"><u>Biliopancreatic diversion</u></p> <p data-bbox="272 710 517 745"><u>Jejunioileal bypass</u></p> <p data-bbox="272 757 536 792"><u>Endoluminal sleeve</u></p> <p data-bbox="272 804 762 840"><u>Predominantly restrictive procedures</u></p> <p data-bbox="272 851 652 887"><u>Vertical banded gastroplasty</u></p> <p data-bbox="272 898 587 934"><u>Adjustable gastric band</u></p> <p data-bbox="272 945 528 981"><u>Sleeve gastrectomy</u></p> <p data-bbox="272 992 754 1028"><u>Intragastric balloon (gastric balloon)</u></p> <p data-bbox="272 1039 496 1075"><u>Gastric Plication</u></p> <p data-bbox="272 1086 520 1122"><u>Mixed procedures</u></p> <p data-bbox="272 1133 576 1169"><u>Gastric bypass surgery</u></p> <p data-bbox="272 1180 812 1216"><u>Sleeve gastrectomy with duodenal switch</u></p> <p data-bbox="272 1227 687 1263"><u>Implantable gastric stimulation</u></p> <p data-bbox="272 1274 699 1310"><u>3- Eating after bariatric surgery</u></p> <p data-bbox="272 1321 587 1357"><u>Fluid recommendations</u></p> <p data-bbox="272 1368 628 1404"><u>4- Effectiveness of surgery</u></p> <p data-bbox="272 1415 437 1451"><u>Weight loss</u></p> <p data-bbox="272 1462 711 1498"><u>Reduced mortality and morbidity</u></p> <p data-bbox="272 1509 517 1545"><u>5- Adverse effects</u></p>	

## **Scientific Lectures (2<sup>nd</sup> Part) :**

### **Elective Course**

Date	Title	Supervisor's signature
	<p><u>[F] Head and Neck Reconstruction</u></p> <ul style="list-style-type: none"><li>a. How do we plan for your head &amp; neck reconstruction?</li><li>b. Local Flaps</li><li>c. Types of free flaps</li><li>d. Radial free flap</li><li>e. Fibula free flap</li><li>f. Paramedian Forehead Flap</li></ul>	
	<p><u>[G] Statistics and Research methodology</u></p> <ul style="list-style-type: none"><li>1 Scope</li><li>2 History</li><li>3 Overview</li><li>4 Statistical methods<ul style="list-style-type: none"><li>4.1 Experimental and observational studies</li><li>4.2 Levels of measurement</li><li>4.3 Key terms used in statistics</li><li>4.4 Examples</li></ul></li><li>5 Specialized disciplines</li><li>6 Statistical computing</li><li>7 Misuse</li><li>8 Statistics applied to mathematics or the arts</li></ul>	
	<p><u>(H) Cardio Thoracic Surgery</u></p>	
	<p><u>(I) Neuro Surgery</u></p>	



# **Section III: Seminars**

***Seminar attendance:***

Date	Title	Supervisor's signature

**Seminar attendance:**

Date	Title	Supervisor's signature

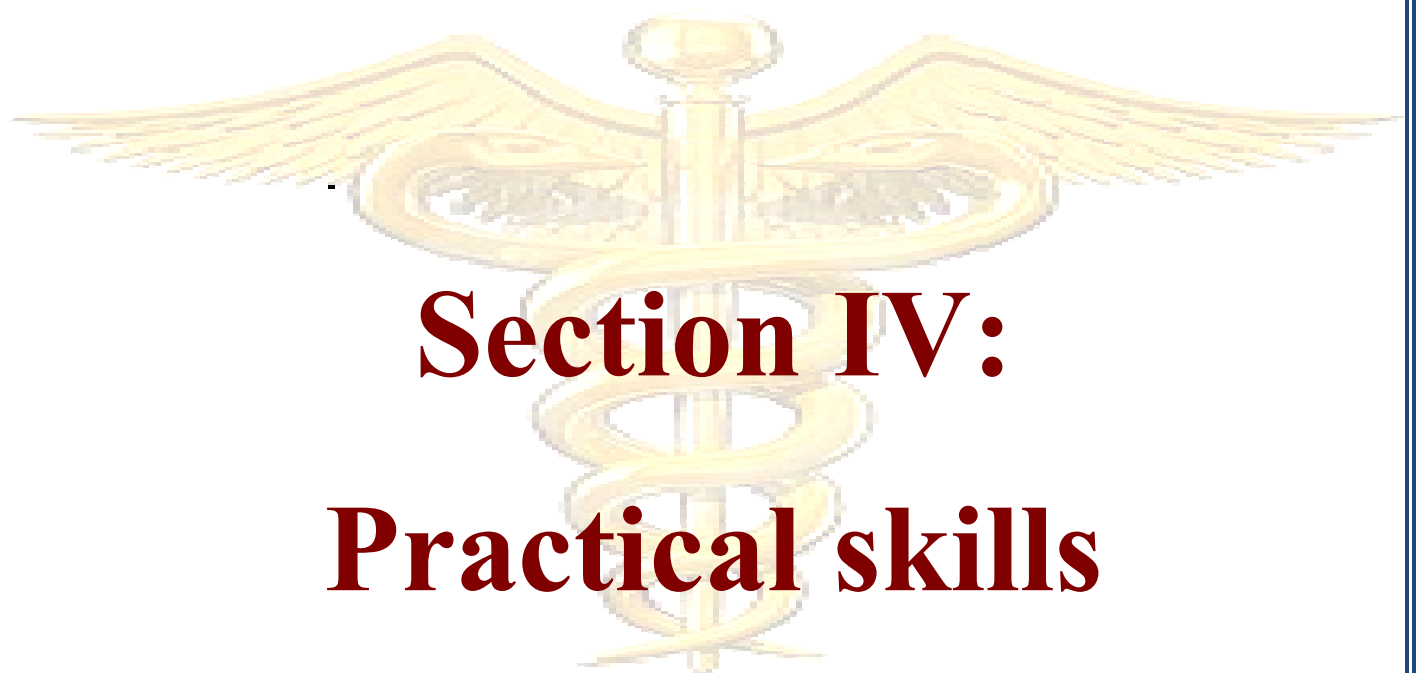
### ***Seminar performance:***

Date	Title	Supervisor's signature

**Seminar performance:**

Date	Title	Supervisor's signature





# **Section IV: Practical skills**

*( Apply timetable of practical sessions or training courses )*

**Clinical training:**

Skill	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good	

**Clinical training:**

Skill	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good	

**Clinical training:**

Skill	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good	

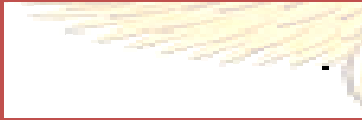

**Clinical training:**

Skill	Level of performance			Trainee's assessment			Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good	



**Section V:**  
**Student teaching**

***Student teaching sections:***



Date	Section subject	Supervisor's signature
		

***Student teaching sections:***



Date	Section subject	Supervisor's signature



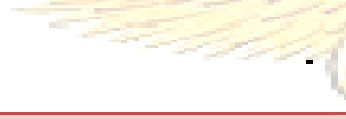
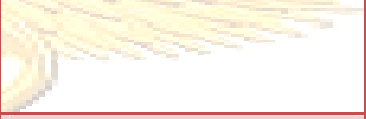
***Student teaching sections:***

Date	Section subject	Supervisor's signature
		

### ***Student teaching sections:***

Date	Section subject	Supervisor's signature
		



***Student teaching sections:***

Date	Section subject	Supervisor's signature
		

***Student teaching sections:***

Date	Section subject	Supervisor's signature


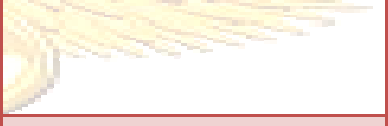
**Student teaching sections:**

Date	Section subject	Supervisor's signature
		



**Section VI:**  
**Scientific activities**

**Scientific activities: (thesis discussion, conference and workshop)**

<b>Date</b>	<b>Activity</b>	<b>Supervisor</b>
		

**Scientific activities: (thesis discussion, conference and workshop)**

<b>Date</b>	<b>Activity</b>	<b>Supervisor</b>

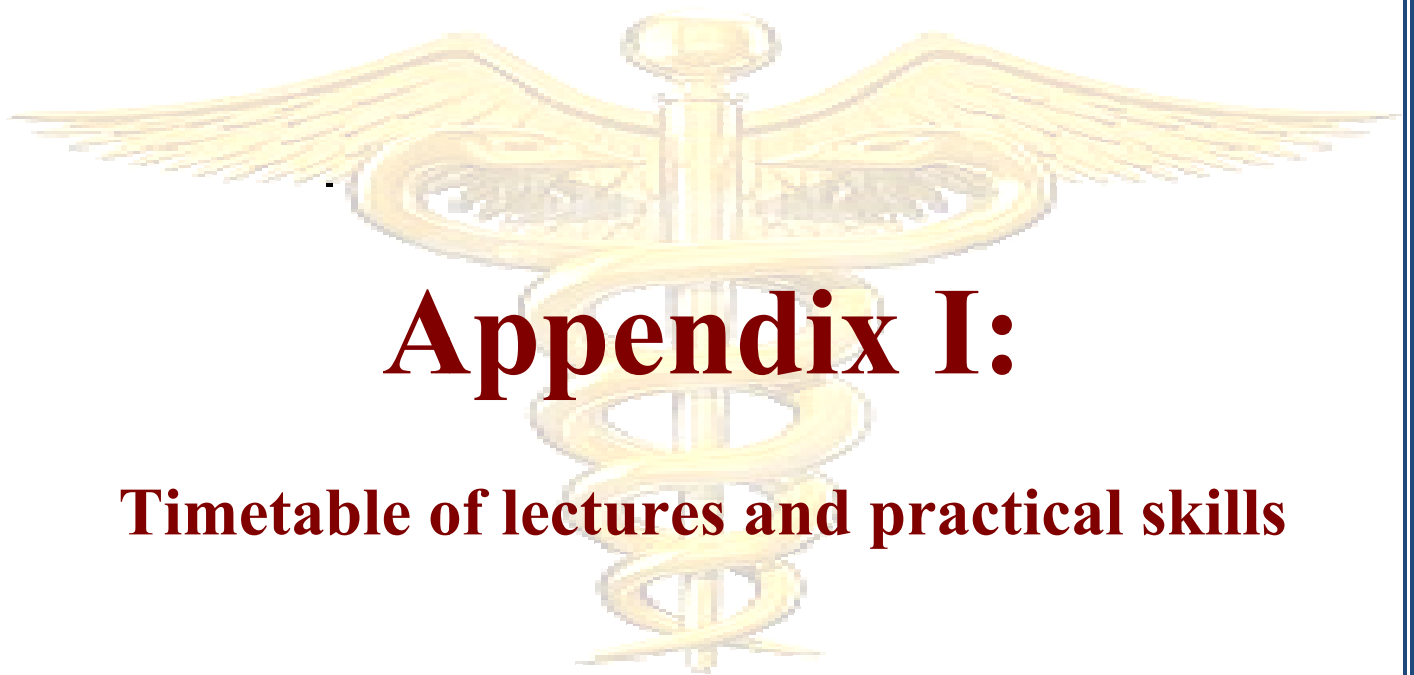






**Scientific activities: (thesis discussion, conference and workshop)**

<b>Date</b>	<b>Activity</b>	<b>Supervisor</b>



# **Appendix I:**

## **Timetable of lectures and practical skills**



**Appendix I I:  
Program Courses**



a- Elective courses:

Course Title	NO. of hours per week					Total teaching hours (throughout the program)	Method of assessment
	Theoretical		Laboratory /practical	Field	Total		
	Lectures	seminars					

## Second part

### a. Compulsory courses

Course Title	NO. of hours per week					Total teaching hours (throughout the program)	Method of assessment
	Theoretical		Laboratory /practical	Field	Total		
	Lectures	seminars					



a- Elective courses.

Course Title	NO. of hours per week				Total teaching hours (throughout the program)	Method of assessment
	Theoretical		Laboratory /practical	Field Total		
	Lectures	seminars				