Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department

Academic Program and Course Description Guide

2024-2025

وزارة التعليم العالي والبحث العلمي
جهاز الاشراف والتقويم العلمي
دائرة ضمان الجودة والاعتماد الاكاديمي

استمارة وصف البرنامج الاكاديمي للكليات والمعاهد

الجامعة: القادسية
الكلية : الطب
القسم العلمي: الجراحة العامة
تاريخ ملىء الملف: ١/ ٩ / ٢٠٢٤

التوقيع
اسم المعاون العلمي: ا.د عدنان حمد الحمداني
التاريخ

:التوقيع
اسم رئيس الفرع: ا.د عادل شاكرمحمود
:التاريخ

الاستاذ الدكتور
عقيل رحيم البرقعاوي
عميد كلية الطب

مصادقة السيد عميد كلية الطب
ا.د عقيل رحيم البرقعاوي
التوقيع

دقق الملف من قبل
شعبة ضمان الجودة وتقويم الاداء
ا.د انوار جاسب ثعبان
التاريخ: / / ٢٠٢٤
:التوقيع

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دقق الملف من قبل
شعبة ضمان الجودة وتقويم الاداء
ا.د انوار جاسب ثعبان **مصادقة السيد عميد كلية الطب**
التاريخ: / / ٢٠٢٤ **ا.د عقيل رحيم البرقعاوي**
:التوقيع: **التوقيع**

1. Program Vision

Seeking to make the College of Medicine in Al-Qadisyiah University a distinguished college among the medical colleges in Iraq in the field of medical education. Additionally, to make it has a clear imprint in promoting the health field in the Iraqi community and works to provide distinctive proposals and views for basic and clinical medical sciences to ensure meeting the health needs of the community at the local and national levels.

2. Program Mission

Al Qadisiyah medical college aims at producing medical doctors that are able to participate effectively in the health care delivery system whether in Iraq or any other country
The curriculum is designed to provide students with the necessary knowledge, skills and attitudes in order to function as safe doctors and have the baseline for lifelong learning in the medical field in the future
The teaching methods are guided by learning objectives that ensure delivering basic biomedical, behavioral and social and clinical subjects which help creating an efficient junior doctor who is competent, motivated and professional.
It is a well-established strategy that students are heard and welcomed to provide feedback about different aspects of the learning process and they are considered as an essential part in the decision making in the college used for continuous planning for improvement of the whole institution.

3. Program Objectives

Graduating distinguished doctors and rehabilitating them scientifically, professionally and ethically so that they can provide health and medical care to individuals, families and society on sound scientific bases and in accordance with the noble moral, social and humanitarian values with great interest in primary health care
- Developing curricula, teaching aids and methods to improve quality based on international quality standards and academic accreditation
- Achieving accreditation through the institutional capacity standards of the college. Achieving academic accreditation standards for student and graduate programs offered by the college
Continuous support for distinguished cadres of faculty members through an academic environment that encourages production and creativity
θ Continuous development of the scientific research system to identify and diagnose major health problems in the community, propose appropriate scientific solutions to them, and keep pace with development in basic and clinical medical sciences.

4. Program Accreditation

An application has been made for national accreditation for medical colleges

5. Other external influences

Not found

Course Description Form

1. Course Name:
Surgery
2. Course Code:
SUR 6202
3. Semester / Year:
4 clinical training courses **(medicine , surgery , pediatrics , gynecology and obstetrics)**
4. Description Preparation Date:
1/9/2024
5. Available Attendance Forms:
Attendance sheet
6. Number of Credit Hours (Total 360h) / Number of Units (Total 12)
12 weeks (Total 360h) / 12 units
7. Course administrator's name (mention all, if more than one name)
Name: Email:

THE ACADEMIC DEPARTMENT OF GENERAL SURGERY
AL-QADISIYAH MEDICAL COLLAGE
Sixth year of MBCHB program

Course Specifications

Course title: Surgery for the 6th year students

Code: SUR 6202

A) Basic Information:

Allocated marks: 100 marks.

Course duration :12 weeks x 4 groups

Teaching hours for each group: 360 hours

Attendance / Absence

Students are required by university regulations to be present during daytime from 8:30 a.m. till 2:30 P.m. Student attendance is compulsory. This means that you are required to attend all:

• Clinical teaching sessions

• Formative assessment and review sessions

Students who fail to attend for any reason is instructed to notify the secretary and give the reason why he/she was unable to attend.

Failure of students to attend (unauthorized absence) for 10% of total weeks is subjected to disciplinary actions (from alarming him till review with MEU committee / head / deputy dean and if absence reached 15% the student is subjected to further disciplinary action. This ranges from a meeting with the year coordinator to (in the worst cases) referral to deanery with a view to expulsion.

1. Course duration: 12 weeks of teaching for each group of sixth year MBCHB program (4 groups , each group contains = 60 students and each group further subdivided into two subgroups which =30 students) in form of 6 hours daily , for 5 days per a week (from 8:00 AM to 2:00 PM) followed by end term examination .

2. Final courses examination done at the end of 6th year .

3. Total teaching hours 360h.

Professional Information:

Vision: We shall be guiding the region in surgical undergraduate education, community service and research.

-Mission: Is to perk up the Iraq health status by graduating knowledgeable skillful and honorable doctors.

Overall Aim of the Course:

- To provide the student with the knowledge, and skills which enable him/her to identify, analyze, manage and/or refer clinical surgical problems in order to provide efficient, cost effective and humane patient care.
- To provide the student with an appropriate background covering the common and/ or important surgical emergencies.
- To enable the student to detect cancer at an early stage.
- To enable the development and application of appropriate professional attitudes, ethical principles and communication skills.

Intended Learning Outcomes (ILOs):

a- Knowledge and understanding.

On successful completion of the course, the student should be able to:

1. Recognize basics of surgical ethics.
2. Describe the anatomy of surgically important structures, organs and regions.
3. Describe the histology of surgically important tissues.
4. Describe the physiology of surgically important organs and systems.
5. Describe the principles of molecular biology and wound healing.
6. Describe the microbiology and parasitology of surgically important pathogens and their treatment.
7. Describe the first aid and definitive management of surgical emergencies.
8. Describe the principles of surgical nutrition.

9. Describe the principles of organ transplantation.

10. Describe the epidemiology, etiology, pathophysiology, pathology, complications and prognosis of the various common and important surgical diseases and disorders.

11. Describe the clinical picture, investigations and differential diagnosis of the various common and important surgical diseases and disorders.

12. Identify the principles of early detection of cancer.

13. Describe the prophylaxis and treatment of the various common and important surgical diseases and disorders.

14. Describe the pharmacological basis of surgically important medications.

15. Describe prevention of HCV and HIV transmission, sterilization of metal and non-metal instruments, handling and preservation of specimens, and management of disposables.

16. Describe the procedures and minimally-invasive techniques used in the treatment of surgical diseases.

17. Describe the principles of operative intervention including indications for intervention, preoperative preparation, principles of general and local anesthesia, principles of the operations, and postoperative care and complications.

18. Describe palliative care for untreatable surgical conditions.

19. Describe the theoretical basis of evidence based medicine (EBM).

20. Define principles of clinical audit.

B. Practical and Clinical Skills

On successful completion of the course, the student should be able to:

1. Provide first aid measures for injured and critically-ill patients.

2.Perform an emergency-directed examination for patients with common surgical emergencies.

3. Compose an initial plan of management for stabilization of injured and critically-ill patients.

4. Take and record a structured patient-centered history in acute and chronic conditions.

5. Perform full physical examination appropriate to age and gender in acute and chronic

clinical conditions.

6. Construct appropriate management plan for patients with common and important surgical diseases.
7. Write safe prescriptions of different types of drugs.
8. Order appropriate investigations.

Procedures and technical skills acquired under appropriate supervision during undergraduate training: By the end of the program, the graduate will acquire the model-based skills (using manikin and simulators) required to:

1. Perform venipuncture and collect blood samples.
2. Insert a cannula into peripheral veins.
3. Practice enteral, parenteral, inhalational and topical methods for drug administration.
4. Perform suturing of superficial wounds.
5. Demonstrate competency in cardiopulmonary resuscitation and basic life-support.
6. Administer basic oxygen therapy.
7. Insert a nasogastric tube.
8. Perform bladder catheterization.
9. Perform and interpret basic bedside laboratory tests.
10. Adopt suitable measures for safety and infection control.

C-Professional Attitude and Behavioral Skills

By the end of the program, the graduates will acquire the skills required to:

1. Adopt an empathic and holistic approach to patients and their problems, taking into consideration beliefs values, goals and concerns.
2. Respect the patient's right to know and share in decision making as well as dignity, privacy, information confidentiality and autonomy.
3. Understand and respect the different cultural beliefs and values regardless of their disabilities in the community they serve.
4. Recognize the important role played by other health care professions in patients' management, respecting their contributions in patient's management regardless of degree

or occupation.

5. Apply the national code of ethics issued by the Iraqi Medical Syndicate.
6. Respect and follow the institutional code of conduct.
7. Counsel patients suffering from different conditions as well as their families.
8. Recognize one's own limitations of knowledge and skills referring patients to appropriate health facility at the appropriate stage.

D. Communication Skills:

By the end of the program, the graduate will be able to:

1. Communicate clearly, sensitively and effectively with patients and their relatives and colleagues from a variety of health and social care professions.
2. Communicate effectively with individuals regardless of their social, cultural, ethnic backgrounds, or their disabilities.
3. Cope with situations where communication is difficult including breaking bad news.
4. Show compassion to patients and their relatives in situations of stress and grief.
5. Honor and respect patients and their relatives, superiors, colleagues and any other member of the health profession.

E. Intellectual Skills

By the end of the program, the graduate will acquire the skills required to:

1. Recognize patients with life/organ-threatening surgical conditions and perform appropriate initial therapy.
2. Determine the different strategies for risk management of disease and injury.
3. Identify surgically important structures and organs.
4. Identify surgical pathology specimens.
5. Integrate basic anatomical, physiological and pathological facts with clinical data.
6. Integrate the results obtained from history, clinical examination and investigational data into meaningful diagnostic formulation.
7. Combine clinical and investigational data with evidence based knowledge and skill of deductive reasoning for clinical problem solving.

8. Identify problems, prioritize them, and generate a list of differential diagnosis for each problem.
9. Select the most appropriate and cost-effective diagnostic and therapeutic procedure for each problem.
10. Use the results of all the tests ordered to modify the problem list and the differential diagnosis accordingly.
11. Identify and outline management of patients with surgical emergencies and common surgical diseases requiring long-term follow-up, rehabilitation and pain relief.
12. Recognize and cope with uncertainty by accepting and reacting to uncertain situations through proper counseling, consultation and referral.

F. General and Transferable Skills

By the end of the program, the graduate will acquire the skills required to:

1. Adopt the principles of lifelong learning needs of the medical profession.
2. Use computers efficiently in reaching biomedical information to remain current with advances in knowledge and practice.
3. Present information clearly in verbal, written, and electronic forms.
4. Communicate ideas and arguments effectively.
5. Work effectively within a multidisciplinary team.
6. Manage time and resources effectively and set priorities.
7. Apply simple statistical methods.
8. Apply English language as needed for appropriate learning and communication in relation to medicine.

Specific Information:

Teaching and learning methods:

Methods used:

1. Clinical classes (Surgical ward clinical presentation and case discussion).
2. TBL (Team based learning)

3. Staff rounds
4. Illustrated lecture
5. Skill laps
6. Tutorials
7. Emergency rounds
8. Seminar
9. PBL

Time table for 6th year undergraduate medical student .Total hours 360 hour for 12 weeks course divided into

1. General surgery 144 hour (12 hr /week)
2. Orthopedic surgery 90 hr(8hr /week)
3. Urology 44 hr(4hr/week)
4. Vascular surgery 20hrs
5. Radiology 20hrs
6. Plastic surgery 8hrs
7. ENT 8 hrs
8. Anesthesia 12 hrs
9. Neurosurgery 12 hrs
10. Ophthalmology 4 hrs

4- A)The time table of topics of clinical course

1st week

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	General skills	General	Urinary symptoms and investigations	Perform venipuncture and collect blood samples.	Approach to patient with multiple trauma	ortho
Monday	Wound healing and management	plastic	Metabolic response to trauma , shock	Insert a cannula into peripheral veins.	Classification of fracture	orth
Tuesday	Haemorrhage and transfusion	General	Surgical infection . antibiotics	Perform venipuncture and collect blood samples.	Local and systemic complications of fracture	ortho
Wednesday	Tumors , benign malignant , oncology	General	Fluid and electrolyte balance	Insert a cannula into peripheral veins.	Shoulder fracture and dislocations	ortho
Thursday	Nutrition in surgery	General	Kidneys and ureters congenital abnormalities of the upper urinary tract Important cystic diseases of the kidney	Perform venipuncture and collect blood samples.	Abdominal wall anatomy , etiology of hernia , clinical features	EBM

2nd week

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Inguinal , umbilical and femoral hernia	General	Upper urinary tract sepsis	Practice enteral, parenteral, inhalational and topical methods for drug administration.	Humerus fractures	ortho
Monday	Types of surgical wounds and wound repair	plastic	Management of hernia , complications		Radius and ulna fractures	orth
Tuesday	Abdominal wall infection , burst abdomen , tumors , umbilical infection , tumors	General	Cysts , fistula and sinus	Perform suturing of superficial wounds.	Wrist fractures	ortho
Wednesday	Ulcers types causes , Diabetic foot , classifications , pathophysiology , management	General	Esophagus , anomalies , motility disorders , achalasia, hiatus hernia	Demonstrate competency in cardiopulmonary resuscitation and basic life-support.	Spinal fractures	ortho
Thursday	GERD , benign strictures , surgery for gerd	General	The pathophysiology of renal stone formation The management of urinary tract calculi	Administer basic oxygen therapy.	Malignant tumors of the esophagus	EBM General

3rd week

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Stomach and duodenum , peptic ulcer disease , complications and management	General	The aetiology, presentation and surgical management of obstruction to the upper urinary tract	Insert a nasogastric tube.	Pelvic fractures	ortho
Monday	Gastric benign lesions	General	Malignant gastric tumors	Perform bladder catheterization.	Hip and acetabular fractures	orth
Tuesday	Upper GIT bleeding ,Gastric outlet obstruction	General	Anatomy of the liver , liver function test		Femoral fractures	ortho
Wednesday	Liver cystic disease	General	Benign liver tumors , liver infections		Knee dislocations	Ortho EBM
Thursday	Malignant liver tumors , primary and secondaries	General	The management of open and closed trauma to the kidney and ureter		ATLAS	General EBM

4th week

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Spleen trauma , rupture splenectomy	General	Renal neoplasms	Perform and interpret basic bedside laboratory tests.	Tibia and fiblula fractures	ortho
Monday	Spleen hematological disorders	General	Portal hypertension	Adopt suitable measures for safety and infection control.	Ankle injuries	orth
Tuesday	Inflammatory bowel disease Review and role of surgery	General	Small bowel disorders ,and tumors		Foot injuries	ortho
Wednesday	Acute pancreatitis	General	Chronic pancreatitis		Nerve injuries general , brachial plexsus	Ortho EBM
Thursday	Pancreatic cystic lesions, endocrine tumors	General	Surgery of urinary tract tumors		Thoracic trauma	General

5th week

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Malignant tumors of the pancreas	General	surgical anatomy of the bladder, innervations congenital defects of the bladder,	Practice enteral, parenteral, inhalational and topical methods for drug administration.	Bone infection	ortho
Monday	Intestinal obstruction	General	Large bowel tumors		Joint infection	orth
Tuesday	Appendicitis , complications	General	Peritoneum inflammation , ascitis,	Perform suturing of superficial wounds.	Genetic and metabolic disorders of the bone	ortho
Wednesday	Intraperitoneal abscess, malignant disease	General	Rectum , prolapse , tumors	Demonstrate competency in cardiopulmonary resuscitation and basic life-support.	Neuromuscular disorders	ortho
Thursday	Anal conditions ,fissure , fistula , hemorrhoid, PNS	General	bladder trauma, retention of urine, neuropathic bladder,	Administer basic oxygen therapy.	Thoracic trauma	General

6th week

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Bariatric surgery	General	incontinence of urine, bladder stones, foreign bodies in the bladder, diverticula of the bladder, urinary fistulae	Practice enteral, parenteral, inhalational and topical methods for drug administration.	Bone tumors (1)	ortho
Monday	Oral cavity , tongue	General	Pediatric surgery		Bone tumors (2)	orth
Tuesday	Gallbladder , gallstone disease	General	Biliary obstruction	Perform suturing of superficial wounds.	Joint tumors	ortho
Wednesday	Malignant disease of the biliary system	General	Congenital biliary disorders	Demonstrate competency in cardiopulmonary resuscitation and basic life-support.	Non traumatic disorders of the shoulder	ortho
Thursday	Breast inflammatory diseases	General	lower urinary tract infection and cystitis, schistosomiasis of the bladder,	Administer basic oxygen therapy.	Abdominal trauma , mechanism , initial management	General EBM

7th week

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Benign breast tumors , triple assessment	General	neoplasms of the bladder, urinary diversion.	Practice enteral, parenteral, inhalational and topical methods for drug administration.	Non traumatic disorders of the elbow wrist and hand	ortho
Monday	Nipple and areola disorders , breast cancer, etiology , pathology	General	Pediatric surgery		Non traumatic disorders of the hip	orth
Tuesday	Breast cancer staging , management	General	Thyroid , embryology , anatomy and physiology	Perform suturing of superficial wounds.	Non traumatic disorders of the knee	ortho
Wednesday	Investigations of thyroid , hypo and hyperthyroidism	General	Goiter causes , thyroid nodule		Non traumatic disorders of the ankle	ortho
Thursday	Thyroid inflammatory disorders , graves disease , hashimotos thyroiditis	General	Prostate embryology, surgical anatomy, physiology, benign prostatic hyperplasia,		Abdominal trauma , solid organ injury	General

8th week

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	**Malignant thyroid tumors , types , management**	**General**	**assessment of the patient with lower urinary tract symptoms, management of men with benign prostatic hyperplasia**	Skill lab	**Non traumatic disorders of the spine**	**ortho**
Monday	**Cervical lymphadenopathy , bacterial , TB, tumors**	**General**	**Pediatric surgery**	Skill lab	**Osteoporosis and rickets**	**orth**
Tuesday	**Salivary glands , inflammatory disorders , tumors**	**General**	**Neck congenital cysts pharyngeal pouches**	Skill lab	**Amputations**	**ortho**
Wednesday	**Surgical oncology pathophysiology of tumors and spread**	**General**	**Principles of surgery , chemotherapy and radiation**	Skill lab	**Osteoarthritis**	**ortho**
Thursday	**Vascular , spasm, embolism, thrombosis**	**General**	**bladder outflow obstruction, prostatic calculi,**	Skill lab	**Abdominal trauma , intestinal and colonic injury**	**General**

9th week

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	**Parathyroid , anatomy , calcium homeostasis, hypo and hyper parathyroidism**	**General**	**carcinoma of the prostate, prostatitis, disorders of seminal vesicles**	Skill lab	**common sport related injuries and common congenital and soft tissue problems related to lower limbs and pelvis in pediatrics and adult(part 1)**	**EBM**
Monday	**Adrenal gland , anatomy ,physiology , disorders of adrenal cortex**	**General**	**Pediatric surgery**	Skill lab	**common sport related injuries and common congenital and soft tissue problems related to lower limbs and pelvis in pediatrics and adult(part 2)**	**EBM**
Tuesday	**Disorders of adrenal medulla , adrenal tumors**	**General**	**Principles of laparoscopy**	Skill lab	**common sport related injuries and common congenital and soft tissue problems related to upper limbs and shoulder girdle in pediatrics and adult (part 1)**	**EBM**
Wednesday	**Burn assessment and resuscitation**	**Plastic**	**Lung conditions , suppuration , abscess , empyema**	Skill lab	**common sport related injuries and common congenital and soft tissue problems related to upper limbs and shoulder girdle in pediatrics and adult (part 2)**	**EBM**
Thursday	**Venous system , varicose , DVT , thrombophlebitis**	**General**	**the male urethra anatomy, congenital abnormalities , injuries to the male urethra,**	Skill lab	**Abdominal trauma , intestinal and colonic injury**	**EBM**

10th week

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	**Skill lab.**	**General**	**carcinoma of the prostate, prostatitis, disorders of seminal vesicles**	Skill lab	**Diabetic foot Pathophsiolology , risk factors , prevention**	**ortho**
Monday	**Skill lab.**	**General**	**Painful / red eye disorders Deterioration of visual acuty**	Skill lab	**Diabetic foot classification , management**	**orth**
Tuesday	**PBL**	**General**	**Theater**	Skill lab	**EBM**	**ortho**
Wednesday	**PBL**	**General**	**Theater**	Skill lab	**EBM**	**ortho**
Thursday	**Surgical safety**	**General**	**the male urethra anatomy, congenital abnormalities , injuries to the male urethra,**	Skill lab	**Head and neck imaging**	**Radiology**

11th week

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Lymphatic system	General	*urethral stricture*, other conditions of the urethra(fistula , calculi, tumors), the female urethra anatomy, *prolapse, stricture fowler's syndrome*, the penis anatomy, diseases of the foreskin	uro	**uro**	ortho
Monday	Types and indication of anesthesia	Anesthesia	Benign and malignant skin tumors	Plastic	**EBM**	orth
Tuesday	Complications of anesthesia , critical care of surgical patient	General	ENT infection , emergencies	ENT	Chest imaging	Radiology
Wednesday	Head trauma, types of intracranial bledding , GCS	Neurosurgery	Emergency department	General	Bone imaging	Radiology
Thursday	Hydrocephalus / spina bifida Brain tumors	Neurosurgery	injuries of the penis, *erectile dysfunction, priapism*, carcinoma of the penis, inflammation of the penis and urethra urethral discharge, sexually transmitted infections.	uro	Urinary tract and vascular imaging	Radiology

12th week - Surgical emergency

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	**Surgical emergency**	Surgical emergency	**Testis and scrotum incompletely descended testis, injuries to the testis, absent testis, torsion of the testis, varicocoele, hydrocoele, cysts associated with the epididymis, epididymo-orchitis,**	**Skill lab.**	**seminar**	**seminar**
Monday	Surgical emergency	Surgical emergency		Skill lab	Surgical emergency	Surgical emergency
Tuesday	Surgical emer	Surgical emergency	**emergency**	Skill lab	Surgical emergency	Surgical emergency
Wednesday	**ICU**	**anesthesia**	**Emergency department**	Skill lab	Surgical emergency	Surgical emergency
Thursday	**Surgical audit Writing paper**	**General**	**EBM**	Skill lab	Surgical emergency	Surgical emergency

Facilities required for teaching and learning:

Facilities used for teaching this course include:

- Lecture halls:
- Small group classes
- Skill lab
- Information technology / AV aids
- Library
- Wards

Assessment methods:

A) Assessment criteria:

According to the undergraduate Faculty bylaws the students should attend 75% of the total hrs as a prerequisite to attend any of the allocated exams.

B) Assessment TOOLS:

1. Attendance

a. Behavioral & ethical attendance

b. Logbook for clinical cases

c. Attendance in emergency

They whole should be fulfilled the minimum accepted attendance is 70 % at the end of term examination .

2. Assessment tools

a. Written examination: for assessment of general knowledge & understanding.

b. Oral examination by two members of teaching staff to assess how sixth year student deal with surgecal scenario problems .

c. Clinical examination (long case exam). to medical students attendance in managing clinical cases in apprehensive way .

d. OSCE examination: including basic & clinical surgery.

GRADING SYSTEM:

Summative Assessment:

It is allowed after meeting the requirement of each training course It is important for ranking after graduation.

1-End course assessment

It differs according to the clinical course and may include a long case presentation or short case examination or written examination. It will be given 20% of the final score.

2- Final comprehensive ministerial theoretical written exam :

It is achieved through MCQ questions in form problem base and case sinario . It is given 40% of the final score.

3-Clinical Examination:

It is achieved by long case examination, OSCE and slide examination. It is given 40% of the final Score. As showed in table below

Examinations description:

Marks allocated	examination	parameters
20 degree	**End of the course/Clinical exam**	**OSCE, short cases، Slides, oral, Logbook**
40 degree	**Final comprehensive ministerial theoretical written exam**	**MCQ in the form of problem base and case sinario and most appropriate**
40 degree	**Final clinical exam**	**Long case ,OSCE, slides ,short cases**

Re-sit Examinations

Students who fail in a in the course will be required to re-sit (second sitting) the entire examination after 6 months,in the same format and duration as the original or in an equivalent format as deemed appropriate by the examiners. Students, who fail at the second-sitting examination, will be allowed to re-sit the year with full attendance.

List of references:

- Essential books (text books):
- Bailey and Love's Short Textbook of Surgery,
- Norman Browse clinical surgery
- Recommended books:
- Schwartz Textbook of Surgery
- Current Surgical therapy
- Internet

1. Faculty						
Faculty Members						
Academic Rank	**Specialization**		**Special Requirements/Skills (if applicable)**		**Number of the teaching staff**	
	General	**Special**			**Staff**	**Lecturer**
8 prof	MBChB	Surgery				
5 Ass.prof	MBChB	Surgery				
4 Lecturer	MBChB	Surgery				

Professional Development

Mentoring new faculty members

One-on-one mentorship with a near-peer mentor. The department chair will assign new faculty a mentor who is in more of a peer position.

Professional development of faculty members

Teaching: Demonstrate an interest and growth in teaching

- Establish and maintain a teaching portfolio
- Classroom observations, student outcomes
- Become an effective advisor
- Other activities, e.g., undergraduate research, implement safe laboratory procedures, support co- or extra-curricular activities or events.

Professional Growth:

- Plan for publication or other significant professional activity, as appropriate for discipline.
- Participate in local or regional conferences or professional organization activities

1. Program Development Plan

1.Focusing mainly on making pathology lectures more interactive by asking the fundamental questions in pathology "how & why "
2. Reliance on clinical tutors; we recruit recent medical graduates for small groups in teaching lab
3. Focusing more on Sample questions: that should be posted weekly based on the learning objectives for the week for the students to study by themselves.

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
6th stage	SUR 6202	Surgery	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

- **Please tick the boxes corresponding to the individual program learning outcomes under evaluation.**