

Surgical Specialties

Course Title:	Surgical Specialties
Course Designation:	MDOL - 502
Computer Number:	1004 - 502
Course Composition:	Orthopaedic – Urology – Neurosurgery
Course Duration:	6 weeks alternative clinical clerkship
Course Units:	6 credit hours
	Orthopaedic 3 credit hours
	Urology 1.5 credit hours
	Neurosurgery 1.5 credit hours
Co-requisites:	all subjects for grades I II III & IV
Prerequisites:	Surgery – I
Location:	King Fahd Hospital and Prince Ben Gallawy Hospital

At the end of the course, the student will be able to:

Demonstrate proficiency in examining and treating a patient with a common Orthopaedical, Urological, and Neurosurgical problems and to be able to handle with their emergencies.

Detect, diagnose and manage communicable Orthopaedical, Urological, and Neurosurgical diseases.

Develop interest in one of Orthopaedics, Urology , and Neurosurgery specialty

Surgical Specialties Rounds Schedule

3 Weeks for Orthopaedic clinical clerkship alternative with Urology and Neurosurgery

Clinical Attachment

OPD

Bedside teaching

Tutorial ward round

Physical examination exercises

OR Attendance

X-Ray identification reading and diagnosis

Instrumentation and implant

In each semester there will be three batches of students as follows

Period	Group III Ortho, Uro, Neuro
1 nd – 6 th week	Batch C
7 th – 12 th week	Batch A
13 th – 18 th week	Batch B

Each batch will be divided into 2 sub batches: A, B

1st week, 2nd week and 3rd week

DAYS 8:00 ~ 11:00 am	Ortho	Uro	Neuro
Saturday	A	B	
Sunday	A		B
Monday	A	B	
Tuesday	A		B
Wednesday	A	B	

At the end of the 3rd week a clinical exam will be done for the Orthopaedic, Urology and Neurosurgery. Then, there is rotation between sub batches

4th week, 5th week and 6th week

DAYS 8:00 ~ 11:00 am	Ortho	Uro	Neuro
Saturday	B	A	
Sunday	B		A
Monday	B	A	
Tuesday	B		A
Wednesday	B	A	

At the end of the 3rd week a clinical exam will be done for the Orthopaedic, Urology and Neurosurgery and so on

Lectures of (Surgical Specialties) (Orthopaedics, Urology, Neurosurgery)

Period		Orthopaedics	Urology	Neurosurgery
	Days	Sunday	Monday	Tuesday
	Time	1:30-2:30 Pm	12:30-1:30 pm	12:30-1:30 pm
1 st Week		Locomotors System Basic Principles in Orthopaedics	Symptoms and sign in urology	Neurosurgical Assessment & investigation
2 Nd Week		Traumatology	Embryology and congenital anomalis	Raised Intracranial Pressure
3 ^{Ed} Week		Open fractures Fracture pelvis fracture	Scrotal disorder	Brain Tumors
4 Th Week		Bone infections acute hematogenous osteomyelitis	Benign prostatic hyperplasia	Brain Trauma
5 Th Week		Upper extremities trauma	Urinary calculi (urinary stones)	Management of Brain Trauma
6 Th Week		Lower extremities trauma	Obstructive uropathy	Spinal cord compression
7 Th Week		Metabolic and Degenerative disorders Osteoarthritis	Renal tumour	Spinal cord injuries
8 Th Week		Chronic osteomyelitis Tuberclulosis infection of bone	Urothelial tumour	Subarachnoid haemorrhage
9 Th Week		Tumors of the bone and tissue	Genito-urinary trauma	Congenital Anomalies of the nervous system
10 Th Week		Congenital deformities Lecture	Urinary tract infections	Hydrocephalu s

11 Th Week	Acquired deformities	Urology CPC	Neurosurgery CPC
12 Th Week	Metabolic and endocrine diseases		
13 Th Week	Inflammatory disorders polio		
14 Th Week	Nerve affections and brachial plexus injuries		
15 Th Week	Peripheral nerve injuries Carpal, Cubital tunnels syndrome		
16 Th Week	Pathological fracture		
17 Th Week	Frozen Shoulder		
18 Th Week	Orthopaedic CPC		

The Success marks: the student should get in

1. Written examination 40% or more
2. Clinical examination 60 % or more
3. The total marks 60% or more
4. For Orthopaedics, Urology, and Neurosurgery course:
The student should pass each of the three components of the course.
Failure in one component means failure in all Surgical Specialties courses
5. Marks distribution is:

Orthopaedics

Written	Clinical/ Oral	Cont. Ass	Total
40	40	20	100

Urology

Written	Clinical/ Oral	Cont. Ass	Total
40	40	20	100

Neurosurgery

Written	Clinical/ Oral	Cont. Ass	Total
40	40	20	100

1. Continuous assessment during clinical rounds: 20%

2. Clinical examination at the end of clinical rounds: 40%
3. MCQ examination and short essay at the semester end: 40%