



Course Syllabus - MBBCh

1. Academic Unit Name: SUR535 Surgery		
2. Credit/contact hours:	Theory Hours 118	Practical Hours 620
3. Number of weeks	20 weeks	
4. Level/year at which this course is offered:	Y4S2, Y5	
5. Pre-requisites for this course (if any): Completion of Basic sciences		
6. Co-requisites for this course (if any): none		

Course Description

The surgical clerkship is intended to allow the students to acquire and consolidate their surgical knowledge, surgical skills, and attitudes. The clerkship capitalizes on knowledge and skills acquired by the medical students from previous pre-clerkship courses and other rotations with emphasis to foster clinical skills by covering the essential surgical problems in order to enable the students to manage those surgical problems in the community after their graduation. Special emphasis will be laid on emergency surgery, traumatology and lifesaving procedures.

Course Learning Outcomes

CLOs		Aligned PLOs
Knowledge		
K1	Describe the causes, manifestations, differential diagnosis of surgical diseases	A1
K2	Explain the risks and benefits of common surgical procedures	A1
K3	Discuss the management of surgical patients in the context of a surgical team	A2
K4	Apply the principles and techniques in research in healthcare and the translation of research evidence in practice.	A3
Skills		
S1	Obtain an accurate history of patients presenting with features of what could suggest the possible diagnosis as a surgical problem.	B1

S2	Communicate with patients (to break bad news and good news) and to obtain informed consent for doing specific procedures	B3
S3	Interact with other professionals, medical and paramedical in the management of surgical patients.	B3, C2
S4	Perform a complete general and organ specific physical examination of patients presenting with possible surgical problem.	B1
S5	Demonstrate ability to make working or differential diagnosis	B1
S6	Select appropriate investigation/investigations to make diagnosis	B2, A2
S7	Outline briefly the management plan of surgical diseases	B2
	Attitude	
A1	Demonstrate respect of patient's privacy, confidentiality	C4
A2	Observe the various aspects of patients safety	C4

Course Delivery Plan:

Term I Lectures:

DATE	TIME	VIRTUAL	TOPIC	PRESENTER
WEEK 1				
Tuesday 08.02.22	03.00-04.00 pm	Microsoft Teams Meeting	History taking in musculoskeletal system	Dr. Hayder Al Saadi ✓ (HAAlSaadi@dha.gov.ae) 056-370-4285
Friday 11.02.22	08:00-09:00 am	As Per Medicine Schedule		
	09:15-10:15 am	Microsoft Teams Meeting	Scope of Plastic Surgery	Prof. Saleh Saad ✓ (sskadhim@outlook.com) 050-457-7205
	10:30-11:30 pm	As Per Medicine Schedule		
	11:45-12:45 pm	Microsoft Teams Meeting	Craniofacial pain (Headache) and its importance	Dr. Rajesh Kumar ✓ (rajeshkumar.iesrani@gmail.com) 052-620-0998
WEEK 3				
Tuesday 22.02.22	03.00-04.00 pm	Microsoft Teams Meeting	Spine Examination and gait analysis	Dr. Hayder Al Saadi ✓ (HAAlSaadi@dha.gov.ae) 056-370-4285
Friday 25.02.22	08:00-09:00 am	As Per Medicine Schedule		
	09:15-10:15 am	Microsoft Teams Meeting	Burns I	Prof. Saleh Saad (sskadhim@outlook.com) 050-457-7205
	10:30-11:30 pm	As Per Medicine Schedule		

	11:45-12:45 pm	Microsoft Teams Meeting	Back & Neck pain and its alarming features	Dr. Rajesh Kumar rajeshkumar.jesrani@gmail.com 052-620-0998
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DATE	TIME	VIRTUAL	TOPIC	PRESENTER
WEEK 5				
Tuesday 08.03.22	03.00-04.00 pm	Microsoft Teams Meeting	Body response to Injury/Shock/ Critical Care I	Dr. Labib Al Ozaibi LSAIOzaibi@dha.gov.ae 055-978-8196
Friday 11.03.22	08.00-09.00 am	As Per Medicine Schedule		
	09:15-10:15 am	Microsoft Teams Meeting	Burns II	Prof. Saleh Saad sskadhim@outlook.com 050-457-7205
	10:30-11:30 pm	As Per Medicine Schedule		
	11:45-12:45 pm	Microsoft Teams Meeting	Spine injury and its management and care	Dr. Rajesh Kumar rajeshkumar.jesrani@gmail.com 052-620-0998
WEEK 7				
Tuesday 22.03.22	03.00-04.00 pm	Microsoft Teams Meeting	Hand Examination	Dr. Hayder Al Saadi HAAISaadi@dha.gov.ae 056-370-4285
Friday 25.03.22	08.00-09.00 am	As Per Medicine Schedule		
	09:15-10:15 am	Microsoft Teams Meeting	Burns III	Prof. Saleh Saad sskadhim@outlook.com 050-457-7205
	10:30-11:30 pm	As Per Medicine Schedule		
	11:45-12:45 pm	Microsoft Teams Meeting	Non accidental head injury in children's (Child Abuse)	Dr. Rajesh Kumar rajeshkumar.jesrani@gmail.com 052-620-0998

DATE	TIME	VIRTUAL	TOPIC	PRESENTER
WEEK 9				
Tuesday 12.04.22	2.30-3.30 pm	Microsoft Teams Meeting	Body response to Injury/Shock/ Critical Care II	Dr. Labib Al Ozaibi LSAIOzaibi@dha.gov.ae Mob: 055-978-8196
Friday 15.04.22		As Per Medicine Schedule		
	10.15-11.15 am	Microsoft Teams Meeting	Skin Tumour	Prof. Saleh Saad sskadhim@outlook.com Mob: 050-457-7205
		As Per Medicine Schedule		
	2.30-3.30 pm	Microsoft Teams Meeting	Hemorrhagic brain lesion	Dr. Rajesh Kumar rajeshkumar.jesrani@gmail.com Mob: 052-620-0998
WEEK 11				

Tuesday 26.04.22	2.30-3.30 pm	Microsoft Teams Meeting	Hips and Pelvis examination	Dr. Hayder Al Saadi (HAAlSaadi@dha.gov.ae) Mob: 056-370-4285
Friday 29.04.22		As Per Medicine Schedule		
	10.15-11.15 am	Microsoft Teams Meeting	Principle of skin cover	Prof. Saleh Saad (sskadhim@outlook.com) Mob: 050-457-7205
		As Per Medicine Schedule		
	2.30-3.30 pm	Microsoft Teams Meeting	Basic anatomy of sensory/motor system and its tracts	Dr. Rajesh Kumar rajeshkumar.jesrani@gmail.com Mob: 052-620-0998

DATE	TIME	VIRTUAL	TOPIC	PRESENTER
WEEK 13				
Tuesday 10.05.22	03.00-04.00 pm	Microsoft Teams Meeting	Introduction to Anesthesia	Dr. Hany Fawzi W. Greiss HFGreiss@dha.gov.ae Mob: 050-3959011
Friday 13.05.22	08.00-09.00 am	As Per Medicine Schedule		
	09:15-10:15 am	Microsoft Teams Meeting	Sterile Precaution	Dr. Packirisamy Kannan drpk48@hotmail.com Mob: 050-6256228
	10:30-11:30 pm	As Per Medicine Schedule		
	11:45-12:45 pm	Microsoft Teams Meeting	Basic anatomy of sensory/motor system and its tracts	Dr. Rajesh Kumar rajeshkumar.jesrani@gmail.com Mob: 052-6200998
WEEK 15				
Tuesday 24.05.22	03.00-04.00 pm	Microsoft Teams Meeting	Pre-Operative Assessment and premedication	Dr. Hany Fawzi W. Greiss HFGreiss@dha.gov.ae Mob: 050-3959011
Friday 27.05.22	08.00-09.00 am	As Per Medicine Schedule		
	09:15-10:15 am	Microsoft Teams Meeting	Jaundice	Dr. Packirisamy Kannan drpk48@hotmail.com Mob: 050-6256228
	10:30-11:30 pm	As Per Medicine Schedule		
	11:45-12:45 pm	Microsoft Teams Meeting	Surgical anatomy of peripheral nerves of lower limbs	Dr. Rajesh Kumar rajeshkumar.jesrani@gmail.com Mob: 052-6200998
WEEK 17				
Tuesday 07.06.22	03.00-04.00 pm	Microsoft Teams Meeting	Pre-Operative Assessment and premedication	Dr. Hany Fawzi W. Greiss HFGreiss@dha.gov.ae Mob: 050-3959011
Friday 10.06.22	08.00-09.00 am	As Per Medicine Schedule		
	09:15-10:15 am	Microsoft Teams Meeting	Jaundice	Dr. Packirisamy Kannan drpk48@hotmail.com Mob: 050-6256228

	10:30-11:30 pm	As Per Medicine Schedule		
	11:45-12:45 pm	Microsoft Teams Meeting	Surgical anatomy of peripheral nerves of lower limbs	Dr. Rajesh Kumar rajeshkumar.jesrani@gmail.com Mob: 052-6200998

Term II Lectures:

Date	Time	Virtual	Topic	Presenter
Rotation II - Week 1				
Tuesday 21.06.22	03.00-04.00 pm	Microsoft Teams Meeting	Limping child Click here to join the meeting	Dr. Nooruddin Mosa
Friday 24.06.22	08.00-09.00 am	As Per Medicine Schedule		
	09:15-10:15 am	Microsoft Teams Meeting	Basic Surgery II Click here to join the meeting	Prof. Yousif El Tayeb
	10:30-11:30 pm	As Per Medicine Schedule		
Rotation II - Week 3				
Tuesday 05.07.22	03.00-04.00 pm	Microsoft Teams Meeting	Shoulder examination Click here to join the meeting	Dr. Nooruddin Mosa
Friday 08.07.22 Ararat Day	08.00-09.00 am	As Per Medicine Schedule		
	09:15-10:15 am	Microsoft Teams Meeting	Lumps in groin <small>Lecture was cancelled due to Ararat</small>	Dr. Osama M. AlZoabi
	10:30-11:30 pm	As Per Medicine Schedule		
	11:45-12:45 pm	Microsoft Teams Meeting	Chest Injuries II <small>Lecture was cancelled due to Ararat</small>	Dr. Tarek Ahmed AbdelAziz

Date	Time	Virtual	Topic	Presenter
Rotation II - Week 5				
Friday 02-09-2022	08.00-09.45 am	As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Principle of Practice of Laparoscopic Surgery Click here to join the meeting	Dr Ali Khammas
	11:00-11:45 pm	Microsoft Teams Meeting	Abdominal Mass Click here to join the meeting	Dr Labib Al Ozaibi

Rotation II – Week 6

Friday 09-09- 2022	08.00-09.45 am	As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Maxillofacial Trauma Management Click here to join the meeting	Dr Khalid Ghandour
	11:00-11:45 pm	Microsoft Teams Meeting	Acute Limb Ischemia I.II Click here to join the meeting	Dr Mohammad Seddiq

Rotation II – Week 7

Friday 16-09- 2022	08.00-09.45 am	As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Breast Lumps and nipple discharge Lecture got cancelled due to Dr. emergency	Dr Esaaf H. Ghazi
	11:00-11:45 pm	Microsoft Teams Meeting	Head Injuries Click here to join the meeting	Dr Abdulla Qassim

Rotation II – Week 8

Friday 23-09- 2022	08.00-09.45 am	As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Wound Care Click here to join the meeting	Dr Samir Al Assar
	11:00-11:45 pm	Microsoft Teams Meeting	Blood Transfusion I Click here to join the meeting	Dr Rania M Seliem

Date	Time	Virtual	Topic	Presenter
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Rotation II – Week 9

Friday 30-09-2022	08.00-09.45 am	As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Anal fissure hemorrhoid fistula I, II Click here to join the meeting	Dr. Labib Al Ozaibi
	11:00-11:45 pm	Microsoft Teams Meeting	Chronic Limb Ischemia I, II Click here to join the meeting	Dr. Mohammed Seddiq

Rotation II – Week 10				
Friday 07-10-2022	08.00-09.45 am	As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Fractures / Dislocations I, II Click here to join the meeting	Dr. Hayder Al Saadi
	11:00-11:45 pm	Microsoft Teams Meeting	Platelets and Coagulation Click here to join the meeting	Dr. Rania M.Seliem
Rotation II – Week 11				
Friday 14-10-2022	08.00-09.45 am	As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Fistula & Pilonidal disease Click here to join the meeting	Dr. Labib Al Ozaibi
	11:00-11:45 pm	Microsoft Teams Meeting	Lumps in Groin Click here to join the meeting	Dr. Osama M. AL Zoabi
Rotation II – Week 12				
Friday 21-10-2022	08.00-09.45 am	As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Vascular Trauma	Dr. Masoud Shafiei
	11:00-11:45 pm	Microsoft Teams Meeting	Introduction to Anaesthesia	Dr. Hany Fawzi
Rotation II – Week 13				
Friday 28-10-2022	08.00-09.45 am	As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	History Taking / Clinical Examination (urology)	Dr. Salam Al Hasani
	11:00-11:45 pm	Microsoft Teams Meeting	Dysphagia	Dr. Nazim Alrifai
Date	Time	Virtual	Topic	Presenter
Rotation II – Week 14				

Friday 04-11-2022	08.00-09.45 am		As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Surgical Nutrition	Prof. Yousif Al Tayeb	
	11:00-11:45 pm	Microsoft Teams Meeting	Pre-operative preparation/post-operative care	Dr. Zafar Iqbal	
Rotation II – Week 15					
Friday 11-11-2022	08.00-09.45 am		As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Chest Injuries II	Dr. Tarek Abdel Aziz	
	11:00-11:45 pm	Microsoft Teams Meeting	Extracranial Vascular diseases	Dr. Masoud Shafiei	
Rotation II – Week 16					
Friday 18-11-2022	08.00-09.45 am		As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Pre-Operative Assessment and premedication	Dr. Hany Fawzi	
	11:00-11:45 pm	Microsoft Teams Meeting	Lumps in Groin	Dr. Osama Alzoabi	
Rotation II – Week 17					
Friday 25-11-2022	08.00-09.45 am		As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Hematuria	Dr. Fariborz Bagheri	
	11:00-11:45 pm	Microsoft Teams Meeting	Principles of upper and lower endoscopy	Dr. Basim Raad	
Rotation II – Week 18					
Friday 02-12-2022	08.00-09.45 am		As Per Medicine Schedule		
	10:00-10:45 am	Microsoft Teams Meeting	Audit In Surgery	Prof. Yousif Al Tayeb	
	11:00-11:45 pm	Microsoft Teams Meeting	Post-anesthesia care	Dr. Hany Fawzy	

Rotation schedule:

CALENDAR - BATCH 33

SY- 2022-2023

Department	Term	Group	Roll Number	Start Date	End Date	Total Weeks
PHC	1	A&B	1 to 23	7-Feb-22	20-May-22	14
Surgery	1	C&D	24 to 45	7-Feb-22	17-Jun-22	18
Medicine	1	E&F	46 to 67	7-Feb-22	17-Jun-22	18
PHC Group rotation in Surgery/Medicine		A&B	1 to 23	22-May-22	16-Jun-22	4
Mid-Semester Break				28-Mar-22	1-Apr-22	1
PHC	2	C&D	24 to 45	20-Jun-22	4-Nov-22	14
Surgery	2	E&F	46 to 67	20-Jun-22	2-Dec-22	18
Medicine	2	A&B	1 to 23	20-Jun-22	2-Dec-22	18
PHC Group rotation in Surgery/Medicine		C&D	24 to 45	7-Nov-22	2-Dec-22	4
Summer Break				18-Jul-22	26-Aug-22	6
PHC	3	E&F	46 to 67	5-Dec-22	31-Mar-23	14
Surgery	3	A&B	1 to 23	5-Dec-22	28-Apr-23	18
Medicine	3	C&D	24 to 45	5-Dec-22	28-Apr-23	18
PHC Group rotation in Surgery/Medicine		E&F	46 to 67	3-Apr-23	28-Apr-23	4
Winter Break				TBA	TBA	
Mid-Semester Break				TBA	TBA	

Approved by:

Prof. Dima Abdelmannan

Professor of Internal Medicine and Vice Dean, Chair of Digital Education Unit - DMC
 Chair of Digital Education Unit - Dubai Medical College
 Consultant Endocrinologist, Dubai Diabetes Center

Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	Knowledge		
K1	Describe the causes, manifestations, differential diagnosis of surgical diseases	Lectures, Discussion, Demonstration of sign on clinical patients.	MCQ-based written exams, Workplace-based assessment activities using Mini-Cex
K2	Explain the risks and benefits of common surgical procedures	Clinical rounds, case discussions, lectures, clinical skills and	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex

		simulation lab sessions	
K3	Discuss the management of surgical patients in the context of a surgical team	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
K4	Apply the principles and techniques in research in healthcare and the translation of research evidence in practice	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
	Skills		
S1	Obtain an accurate history of patients presenting with features of what could suggest the possible diagnosis as a surgical problem	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
S2	Communicate with patients (to break bad news and good news) and to obtain informed consent for doing specific procedures	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
S3	Interact with other professionals, medical and paramedical in the management of surgical patients.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and

			portfolios and final OSCEs
S4	Perform a complete general and organ specific physical examination of patients presenting with possible surgical problem.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
S5	Demonstrate ability to make working or differential diagnosis	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
S6	Select appropriate investigation/investigations to make diagnosis	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
S7	Outline briefly the management plan of surgical diseases	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs
	Attitude		
A1	Demonstrate respect of patient's privacy, confidentiality	Clinical rounds, case discussions, lectures, clinical	MCQ-based written exams, Workplace-based assessment activities using Mini-

		skills and simulation lab sessions	Clex and multi-source feedback using logbooks and portfolios and final OSCEs
A2	Observe the various aspects of patients safety	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	MCQ-based written exams, Workplace-based assessment activities using Mini-Clex and multi-source feedback using logbooks and portfolios and final OSCEs

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score	Date
1	Embedded (WBPA) assessment	Weekly	30%	Term II assessment: 7-8 Nov 2022 Term III assessment: 17-18 April 2023
2	Final (written exam, spotter exam, DOCE and OSCE)	Final	70%	15 May 2023

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

Learning Resources and Facilities

1. Learning Resources

Required Textbooks	<ul style="list-style-type: none"> O'Connell, P.R., McCaskie, A.W., Williams, N.S. (2018) <i>Bailey and Love's short practice of surgery</i>, 27th ed., Taylor and Francis McLatchie, G., Borley N. and Chikwe, J. (2013) <i>Oxford handbook of clinical surgery</i>, 4th ed. Lawrence, P.F., Bell, R.M. and Dayton, M.T. (2006) <i>Essentials of General Surgery</i>, 4th ed., New York: Lippincott Browse, N., L., Corbett, S.A., Bultitude, M., Gossage, J.A. (2021) <i>An introduction to the symptoms and signs of surgical disease</i>, 6th ed., Taylor and Francis
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	<ul style="list-style-type: none"> Raftery, A.T., Lim, E.K.S., Oster, A.K.J., and Rafter, A.T. (2010) <i>Churchill's pocketbook of differential diagnosis</i>, 4th ed, Edinburg: Elsevier
References Materials	<ul style="list-style-type: none">
Electronic Materials	<ul style="list-style-type: none"> Aquifer Amboss UptoDate Access Medicine
Other Learning Materials	

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Training sites and Clinical skills laboratory and simulation laboratory
Technology Resources (AV, data show, Smart Board, software, etc.)	Online and computer-based digital resources library
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Volunteers and simulated patients