

B.D.S THIRD YEAR
SUBJECT : GENERAL SURGERY

Teaching Scheme(Hours)				Credits	Examination Scheme				
Lec(L)	Prac(P)	Clinical(C)	Total		External		Sessional		Total
					Theory	Pract	Theory	Pract	
104	-	216	420	1	1	3	3	8	

A. COURSE OVERVIEW

To acquaint the student with various diseases, which may require surgical expertise and to train the student to analyze the history and be able to do a thorough physical examination of the patient. The diseases as related to head and neck region are to be given due importance, at the same time other relevant surgical problems are also to be addressed. At the end of one year of study the student should have a good theoretical knowledge of various ailments, and be practically trained to differentiate benign and malignant diseases and be able to decide which patient requires further evaluation.

B. COURSE CONTENT

NO	TOPIC	L+C (hrs)	CLs
1	HISTORY OF SURGERY	14+12	CL1
2	GENERAL PRINCIPLES OF SURGERY	18+12	CL1,4,5
3	WOUNDS	18+15	CL1,2,3
4	INFLAMMATION	18+15	CL1,2,3
5	INFECTIONS	18+15	CL2,3,4
6	TRNSMISSABLE VIRAL INFECTIONS	18+15	CL3,4
7	SHOCK AND HAEMORRHAGE	18+13	CL1,5
8	TUMOURS, ULCERS, CYSTS, SINUS AND FISTULAE	18+12	CL 2,3,4,5,6
9	DISEASES OF LYMPHATIC SYSTEM	18+12	CL1,2
10	DISEASES OF THE ORAL CAVITY	18+12	CL2,3,4,5
11	DISEASES OF LARYNX, NASOPHARYNX	18+12	CL1,2,3
12	NERVOUS SYSTEM	18+12	CL1,2,3
13	FRACTURES	18+12	CL2,3,4,5
14	PRINCIPLES OF OPERATIVE SURGERY	18+12	CL4,5
15	ANOMOLIES OF DEVELOPMENT OF FACE	18+12	CL1,2,3,4
16	DISEASES OF THYROID AND PARATHYROID	18+12	CL1,2,3
17	SWELLINGS OF THE JAW	18+12	CL3,4,5
18	BIOPSY	18+12	CL2

C. TEXT BOOKS

1. Norman S. Williams et al; Bailey & Love's, Short practice of Surgery, 27th edition CRC Press, 2017.

D. REFERENCE BOOKS

E. COMPETENCY LEVEL

CL Number	Skill	Statement
CL1	Knowledge	<ul style="list-style-type: none"> Adequate knowledge of the development, structure and function of the human body in health and disease and its relationship with dentistry while bearing physical and social well-being of the patient.
CL2	Investigations	<ul style="list-style-type: none"> Adequate knowledge about common laboratory investigations and interpretation of their results
CL3	Patient Care: Diagnosis	<ul style="list-style-type: none"> Train the student to analyse the history and be able to do a thorough physical examination of the patient.
CL4	Patient Care: Treatment planning	<ul style="list-style-type: none"> Ethically Integrate multiple disciplines into an individual comprehensive sequence treatment plan using diagnostic and prognostic information
CL5	Patient Care: Treatment	<ul style="list-style-type: none"> Should be able to differentiate benign and malignant diseases and be able to decide which patient requires further evaluation.
CL6	Research and Innovation	<ul style="list-style-type: none"> Upgradation of knowledge and skill from time to time, familiarize with new concept and equipment in general surgery.
CL 7	Evidence Based Learning	<ul style="list-style-type: none"> Consolidate all the above mentioned major competencies acquired during the course and integrate newer evidence based knowledge in displaying expertise in the science of GENERAL SURGERY

PROGRAM SPECIFIC OUTCOME (PSO)

PSO1	Diagnosis	Have a good theoretical knowledge of various ailments, and be practically trained to differentiate benign and malignant diseases and be able to decide which patient requires further evaluation
PSO2	Investigations	Adequate knowledge about common laboratory investigations and interpretation of their results
PSO3	Treatment	Ethically and morally integrate multiple disciplines into an individual

		comprehensive sequence treatment plan using diagnostic and prognostic information
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F. COURSE MATRIX

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PO 15	PS O1	PS O2	PS O3
CL1	3	3	3	1	3	1	1	1	1	1	1	1	1	1	1	3	2	2
CL2	2	2	2	2	2	2	1	3	1	1	2	2	2	1	1	3	3	2
CL3	3	3	3	3	3	3	2	2	2	2	2	2	1	1	1	3	2	2
CL4	2	2	2	3	2	2	2	2	2	2	2	3	1	1	1	3	3	3
CL5	2	2	2	3	2	3	3	3	3	3	3	3	3	2	1	3	3	3
CL6	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	3	2	2
CL7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Avg	2.4	2.4	2.4	2.4	2.4	2.3	2.0	2.3	2.0	2.0	2.1	2.3	1.9	1.4	1.3	3.0	2.6	2.4