



Bharati Vidyapeeth
(Deemed to be University)
Pune, India.
MEDICAL COLLEGE, PUNE

Pune-Satara Road, Pune - 411 043 (INDIA)



III MBBS Part II (Batch 2023-2024)

Academic Plan :01/09/2026 to 16/02/2028

Sr No	Activity	Date From	Date To
1	VIII Semester	01/09/2026	20/02/2027
2	Diwali Vacation	07/11/2026	15/11/2026
3	VIII Semester Ending Examination	22/02/2027	06/03/2027
4	IX Semester	08/03/2027	20/11/2027
5	Clinical Posting 62 Weeks (Excluding exam and Vacation)	01/09/2026	20/11/2027
6	Preliminary Examination	22/11/2027	08/12/2027
7	Remedial Internal Assessment Examination	18/12/2027	24/12/2027
8	Preparatory Leave For University Examination	09/12/2027	14/01/2028
9	Final University Examination	15/01/2028	16/02/2028
10	Start of Internship	01/03/2028	
11	Supplementary Preliminary Examination for Detained and Repeater Students	Last Week of March 2028	
12	Supplementary Final University Examination	Second Week of April 2028	

Note: This is a tentative timeline. Due to unavoidable circumstances or exigencies, there may be a change in the timetable by 3-4 days.


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III M.B.B.S PART II: BATCH 2023-2024 – VIII Semester Timetable (01/09/2026 to 20/02/2027): Total:24weeks

Venue: Ground Floor Dr.Kadambini Ganguly Lecture Hall

Day	9.00 am to 12 PM	12-1 PM	Lecture: 1 -2 PM	SGT:2 PM to 5.00 PM(01/09/2026 to 20/02/2027)		
				Batch A	Batch B	Batch C
Monday	Clinics	Lunch	General Medicine: 07/09/2026 – 25/01/2027 : (20) Dermatology – 01/02/2027 – 15/02/2027 (3) (23)	General Medicine	General Surgery	Obstetrics & Gynecology
Tuesday	Clinics	Lunch	General Surgery : (01/09/2026 – 12/01/2027) (20) ENT (19/01/2027 – 16/02/2027) (04) (24)	General Surgery	Obstetrics & Gynecology	General Medicine
Wednesday	Clinics	Lunch	Obstetrics & Gynecology (02/09/2026 – 20/01/2027) (20) Ophthalmology (27/01/2027- 17/02/2027) (4) (24)	Obstetrics & Gynecology	General Medicine	General Surgery
Thursday	Clinics	Lunch	Pediatrics : (03/09/2026 to 05/11/2026) (10) Orthopedics: (19/11/2026 to 14/01/2027) (10) Psychiatry: (28/01/2027 to 18/02/2027): (05) (24)	SGT:150 Students to Be divided in 5 batches.: 30 Each Pediatrics: 03/09/2026 – 22/10/2026 (8) ENT - 29/10/2026 – 31/12/2026 (09) SDL: ENT - 07/01/2026 (01) Radio diagnosis – 14/01/2027- 18/02/2027 (6) (24)		
Friday	Clinics	Lunch	General Medicine (04/09/2026 to 29/01/2027) (20) Anesthesiology (05/02/2027- 12/02/2027) (2) (22)	SGT:150 Students to Be divided in 5 batches.: 30 Each Orthopedics: 04/09/2026 -23/10/2026 (08) Ophthalmology – 30/10/2026 – 15/01/2027 (10) Anesthesiology; 22/01/2027 to 05/02/2027 (5) SDL: Anesthesiology 12/02/2027 (1) (22)		
Saturday	Clinics (AETCOM)	Lunch	Obstetrics & Gynecology (05/09/2026 to 07/11/2026) (10) General Surgery (21/11/2026 – 23/01/2027) (10) Radio-diagnosis (30/01/2027- 20/02/2027) (4) (24)	SGT: Pandemic Module (28 Hrs.): General Medicine with Pulmonary Medicine, Anaesthesiology as integrated sessions) 05/09/2026 to 28/11/2026: (12) sessions Dermatology – 05/12/2026- 26/12/2026(4) Psychiatry – 02/01/2027- 06/02/2027 (6) General Medicine – 13/02/2027 – 20/02/2027 (2) (24)		

VIII Semester Ending Examination: 22.02.2027 to 06.03.2027

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III M.B.B.S PART II: BATCH 2023-2024 – IX Semester Timetable (08/03/2027 to 20/11/2027): Total:37weeks

Venue: Ground Floor Dr.Kadambini Ganguly Lecture Hall

Day	9.00 am to 12 PM	12-1 PM	Lecture: 1 -2 PM	SGT:2 PM to 5.00 PM(01/09/2026 to 20/02/2027)		
				Batch A	Batch B	Batch C
Monday	Clinics	Lunch	General Medicine: 08/03/2027 – 15/11/2027 (37)	General Medicine	General Surgery	Obstetrics & Gynecology
Tuesday	Clinics	Lunch	General Surgery : (09/03/2027 – (16/11/2027) (37)	General Surgery	Obstetrics & Gynecology	General Medicine
Wednesday	Clinics	Lunch	Obstetrics & Gynecology (10/03/2027 – 17/11/2027) (37)	Obstetrics & Gynecology	General Medicine	General Surgery
Thursday	Clinics	Lunch	Pediatrics : (11/03/2027 to 22/07/2027) (20) (37) Orthopedics: (29/07/2027 to 04/11/2027) (15) Psychiatry: (11/11/2027 to 18/11/2027): (02)	SGT:150 Students to Be divided in 5 batches.: 30 Each Pediatrics: 11/03/2027 – 24/06/2027 (16) SDL:Pediatrics: 01/07/2027 – 02/09/2027 (10) SDL: ENT - 09/09/2027 – 16/09/2027 (02) SDL:General Medicine: 23/09/2027 – 18/11/2027 (9) (37)		
Friday	Clinics	Lunch	General Medicine (12/03/2027 to 09/07/2027) (18) ENT - 16/07/2027 – 17/09/2027 (10) Dermatology – 24/09/2027- 08/10/2027(3) Radio diagnosis – 15/10/2027- 29/10/2027 (3) Anesthesiology 05/11/2027- 19/11/2027 (3) (37)	SGT:150 Students to Be divided in 5 batches.: 30 Each Orthopedics: 12/03/2027 -16/04/2027 (06) SDL: General Surgery :23/04/2027 – (14/05/2027) (4) Obstetrics & Gynecology 21/05/2027 – 02/07/2027 (7) Orthopedics: 09/07/2027 -10/09/2027 (10) Dermatology – 17/09/2027- 15/10/2027(6) Radio diagnosis – 22/10/2027- 05/11/2027 (2) Anesthesiology 12/11/2027 to 19/11/2027 (2) (37)		
Saturday	Clinics (AETCOM)	Lunch	Obstetrics & Gynecology (13/03/2027 to 05/06/2027) (13) General Surgery (12/06/2027 – 04/09/2027) (13) Ophthalmology – 11/09/2027 – 13/11/2027 (10) Dermatology – 20/11/2027 (1) (37)	SDL: General Medicine: 13/03/2027 – 15/05/2027 (10) Ophthalmology – 22/05/2027 – 19/06/2027 (05) General Surgery 26/06/2027 – 28/07/2027) (10) Radio diagnosis – 04/09/2027- 25/09/2027 (4) Anesthesiology 02/10/2027 to 09/10/2027 (2) Psychiatry: 16/10/2027 to 20/11/2027 (6) (37)		

Prelims Theory and Practical: 22/11/2027 to 08/12/2027. Remedial Internal Assessment Examination: 18/12/2027 to 24/12/2027 Preparatory Leave: 09/12/2027 to 14/01/2028

Final University Examination: 15/01/2028 to 16/02/2028 Internship Start date – 01/03/2028

Supplementary Preliminary Exam for Repeaters and Detained students : Last week of March 2028 Supplementary Final University Examination : Second week of April 2028



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III M.B.B.S (Part II) 2023-2024 Batch (New Curriculum):VIII Semester Clinical Posting: 01/09/2026 to 06/03/2027

General Medicine: 4 wks ,General Surgery: 4wks,Obgy: 4 wks.,
Pediatrics: 2 wks + Psychiatry 2wks=4 wks
,ENT: 2wks,Opthalm: 2wks=4 wks
Ortho: 4wks

Total: 24 wks

Posting Period VIII Semester	General Medicine	General Surgery	Obgy	Pediatrics	Psychiatry	ENT	OPTH	Orthopedics
01/09/2026 to 12/09/2026	A	B	C	D1	D2	E1	E2	F
14/09/2026 to 26/09/2026				D2	D1	E2	E1	
28/09/2026 to 10/10/2026	B	C	D	E1	E2	F1	F2	A
12/10/2026 to 24/10/2026				E2	E1	F2	F1	
26/10/2026 to 06/11/2026	C	D	E	F1	F2	A1	A2	B
Diwali Vacation	07/11/2026 to 15/11/2026							
16/11/2026 to 28/11/2026	C	D	E	F2	F1	A2	A1	B
30/11/2026 to 12/12/2026	D	E	F	A1	A2	B1	B2	C
14/12/2026 to 26/12/2026				A2	A1	B2	B1	
28/12/2026 to 09/01/2027	E	F	A	B1	B2	C1	C2	D
11/01/2027 to 23/01/2027				B2	B1	C2	C1	

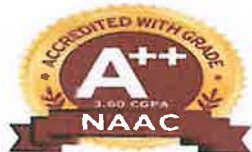
Posting Period VIII Semester	General Medicine	General Surgery	Obgy	Pediatrics	Psychiatry	ENT	OPTH	Orthopedics
25/01/2027 to 06/02/2027	F	A	B	C1	C2	D1	D2	E
08/02/2027 to 20/02/2027				C2	C1	D2	D1	
22/02/2027 to 06/03/2027	VIII Semester Ending Examination							

Batches & Roll Nos	A = 1 to 25, A1: 1 to 12, A2: 13 to 25	B = 26 to 50 B1: 26 to 37, B2: 38 to 50
	C = 51 to 75 C1: 51 to 62, C2: 63 to 75	D = 76 to 100: D1: 76 to 87, D2: 88 to 100
	E = 101 to 125, E1: 101 to 112 , E2: 113 to 125	F = 121 to 150 F1: 121 to 132 , F2: 133 to 150+Repeaters

Note:

1. **End of Posting Clinical examination** to be conducted on last day of each batch's posting. Mandatory Attendance of **80 % to be eligible** for appearing for **End of Clinical posting examination**.
2. **Clinical Clerkship:** Each Department should make a separate timetable for Clinical Clerkship (Patient –Doctor Method of clinical training) to be conducted from 5.30 pm to 7.30 pm, every day for the batches posted for their clinical postings.


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III M.B.B.S (Part II) 2023-2024 Batch (New Curriculum):IX Semester Clinical Posting: 08/03/2027 to 21/08/2027

General Medicine: 4 wks ,General Surgery: 4wks,Obgy: 4 wks.,
Pediatrics: 2 wks + Psychiatry 2wks=4 wks
,Radiology : 2wks,Anesthesia: 2wks=4 wks
Respiratory : 2 wks, Dermatology 2wks: 4wks

Total: 24 wks

Posting Period IX Semester	General Medicine	General Surgery	Obgy	Pediatrics	Psychiatry	Radio	Anesthesia	Respiratory	Dermatology
08/03/2027 to 20/03/2027	A	B	C	D1	D2	E1	E2	F1	F2
22/03/2027 to 03/04/2027				D2	D1	E2	E1	F2	F1
05/04/2027 to 17/04/2027	B	C	D	E1	E2	F1	F2	A1	A2
19/04/2027 to 01/05/2027				E2	E1	F2	F1	A2	A1
03/05/2027 to 15/05/2027	C	D	E	F1	F2	A1	A2	B1	B2
17/05/2027 to 29/05/2027				F2	F1	A2	A1	B2	B1
31/05/2027 to 12/06/2027	D	E	F	A1	A2	B1	B2	C1	C2
14/06/2027 to 26/06/2027				A2	A1	B2	B1	C2	C1
28/06/2027 to 10/07/2027	E	F	A	B1	B2	C1	C2	D1	D2
12/07/2027 to 24/07/2027				B2	B1	C2	C1	D2	D1

Posting Period IX Semester	General Medicine	General Surgery	Obgy	Pediatrics	Psychiatry	Radio	Anesthesia	Respiratory	Dermatology
26/07/2027 to 07/08/2027	F	A	B	C1	C2	D1	D2	E1	E2
09/08/2027 to 21/08/2027				C2	C1	D2	D1	E2	E1

Batches & Roll Nos	A = 1 to 25, A1 : 1 to 12, A2 : 13 to 25	B = 26 to 50 B1 : 26 to 37, B2 : 38 to 50
	C = 51 to 75 C1 : 51 to 62, C2 : 63 to 75	D = 76 to 100: D1 : 76 to 87, D2 : 88 to 100
	E = 101 to 125, E1 : 101 to 112 , E2 : 113 to 125	F = 121 to 150 F1 : 121 to 132 , F2 : 133 to 150+Repeaters

Note:

1. **End of Posting Clinical examination** to be conducted on last day of each batch's posting. Mandatory Attendance of **80 % to be eligible** for appearing for **End of Clinical posting examination**.
2. **Clinical Clerkship:** Each Department should make a separate timetable for Clinical Clerkship (Patient –Doctor Method of clinical training) to be conducted from 5.30 pm to 7.30 pm, every day for the batches posted for their clinical postings.

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III M.B.B.S (Part II) 2023-2024 Batch (New Curriculum):IX Semester Clinical Posting: 23/08/2027 to 27/11/2027

General Medicine 1: 2 wks ,General Surgery: 2 wks,Obgy: 2 wks.,
Pediatrics: 1 wks + Anesthesia 1wks=2 wks
ENT : 2wks,Oph: 2wks
General Medicine 2: 2 wks

Total: 14 wks

Posting Period IX Semester	General Medicine 1	General Surgery	Obgy	Pediatrics	Anesthesia	ENT	OPTH	General Medicine 2
23/08/2027 to 28/08/2027	A	B	C	D1	D2	E	F	G
30/08/2027 to 04/09/2027				D2	D1			
06/09/2027 to 11/09/2027	B	C	D	E1	E2	F	G	A
13/09/2027 to 18/09/2027				E2	E1			
20/09/2027 to 25/09/2027	C	D	E	F1	F2	G	A	B
27/09/2027 to 02/10/2027				F2	F1			
04/10/2027 to 09/10/2027	D	E	F	G1	G2	A	B	C
11/10/2027 to 16/10/2027				G2	G1			
18/10/2027 to 23/10/2027	E	F	G	A1	A2	B	C	D
25/10/2027 to 30/10/2027				A2	A1			

Posting Period IX Semester	General Medicine 1	General Surgery	Obgy	Pediatrics	Anesthesia	ENT	OPTH	General Medicine 2
01/11/2027 to 06/11/2027	F	G	A	B1	B2	C	D	E
08/11/2027 to 13/11/2027				B2	B1			
15/11/2027 to 20/11/2027	G	A	B	C1	C2	D	E	F
22/11/2027 to 27/11/2027				C2	C1			

Batches & Roll Nos	A: 1 to 20, A1: 1 to 10 ,A2: 11 to 20	B: 21 to 40, A1: 21 to 30 ,B2: 30 to 40
	C: 41 to 60, A1: 41 to 50 ,A2: 51 to 60	D: 61 to 80, D1: 61 to 70 ,D2: 71 to 80
	E: 81 to 100 E1: 81 to 90 ,E2: 91 to 100	F: 101 to 120 F1: 101 to 110 ,F2: 111 to 120
	G: 121 to 150 onwards G1: 121 to 132 ,G2: 133 to 150 onwards	

Note:

1. **End of Posting Clinical examination** to be conducted on last day of each batch's posting. Mandatory Attendance of **80 % to be eligible** for appearing for **End of Clinical posting examination**.
2. **Clinical Clerkship:** Each Department should make a separate time table for Clinical Clerkship (Patient –Doctor Method of clinical training) to be conducted from 5.30 pm to 7.30 pm, every day for the batches posted for their clinical postings.



**TIME-TABLE FOR INTERNAL ASSESSMENT EXAMINATIONS OF
Batch 2023-24**

IX SEMESTER PRELIMINARY EXAMINATION

Date	Day	Time	Subject	MARKS
22/11/2027	Monday	1.00 TO 4.00PM	General Medicine Paper I	100
23/11/2027	Tuesday		General medicine Paper II	100
24/11/2027	Wednesday		Paediatrics	100
25/11/2027	Thursday		ENT	100
26/11/2027	Friday		Ophthalmology	100
27/11/2027	Saturday		General Surgery Paper I	100
29/11/2027	Monday		General surgery Paper II	100
30/11/2027	Tuesday		OBGYN I	100
1/12/2027	Wednesday		OBGYN II	100

Date	Day	General Medicine (200)	General surgery (200)	Obgy (200)	Paediatrics (100)	ENT (100)	Ophth(100)
2/12/2027	Thursday	A	B	C	D	E	F
3/12/2027	Friday	B	C	D	E	F	A
4/12/2027	Saturday	C	D	E	F	A	B
6/12/2027	Monday	D	E	F	A	B	C
7/12/2027	Tuesday	E	F	A	B	C	D
8/12/2027	Wednesday	F	A	B	C	D	E

(Individual departments will put details of the Syllabus of Theory and Practical Examination)

Remedial Internal Assessment : 18/12/2027 to 24/12/2027

Final University Examination: 15/01/2028 to 16/02/2028

Supplementary Preliminary Examination: Last Week of March 2028

Supplementary University Examination: Second Week of April 2028

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TIME-TABLE FOR INTERNAL ASSESSMENT EXAMINATIONS OF

Batch 2023-24

VIII SEMESTER END INTERNAL ASSESSMENT (Theory+Practical)

Theory Examination :

Date	Day	Time	Subject	Marks
22.02.2027	Monday	1.00 TO 4.00PM	General Medicine	100
23.02.2027	Tuesday		General Surgery	100
24.02.2027	Wednesday		OBGYN	100
25.02.2027	Thursday		Paediatrics	100
26.02.2027	Friday		ENT	100
27.02.2027	Saturday		Ophthalmology	100

Practical Exams from 01/3/2027 to 06/03/2027: Time 9.00 am Onwards

Date	Day	General medicine	General surgery and Orthopedics	Obgy	Paediatrics	ENT	Ophthal
1.03.2027	Monday	A	B	C	D	E	F
02.03.2027	Tuesday	B	C	D	E	F	A
03.03.2027	Wednesday	C	D	E	F	A	B
04.03.2027	Thursday	D	E	F	A	B	C
05.03.2027	Friday	E	F	A	B	C	D
06.03.2027	Saturday	F	A	B	C	D	E

(Individual departments will put details of the Syllabus of Theory and Practical Examination)

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Teaching Hours in: III M.B.B.S.(PART II) 2023-24 Batch VIII and IX Semester

Subject/ Module	Lectures				SGT				SDL				Clinical Posting CP(62 weeks)
	VIII Sem	IX Sem	Total Available	Total Required	VIII Sem	IX Sem	Total Available	Total Required	VIII Sem	IX Sem	Total Available	Total Required	VIII Sem and IX Sem
General Medicine	40	55	95	95	78	111	189	155	0	57	57	55	4+4+2+2=12
General Surgery	30	50	80	80	72	111	183	140	0	42	42	40	4+4+2=10
Obstetrics & Gynecology	30	50	80	80	72	111	183	140	0	21	21	40	4+4+2=10
Pediatrics	10	20	30	30	24	48	72	60	0	30	30	30	2+2+1=05
Orthopedics+PMR	10	15	25	25	24	18	42	35	0	30	30	25	04
Dermatology	3	4	07	15	12	0	12	10	0	18	18	15	02
ENT	4	10	14	15	27	0	27	25	3	6	09	15	2+2+2=06
Ophthalmology	4	10	14	15	30	0	30	25	0	15	15	15	2+2+2=06
Psychiatry	4	2	06	15	18	0	18	15	0	18	18	15	02
Radiodiagnosis	4	3	07	8	18	0	18	15	0	18	18	15	02
Respiratory Medicine	0	0	0	0	0	0	0	0	0	0	0	0	02
Anesthesiology	2	03	05	8	15	0	15	15	3	12	15	15	01
AETCOM	General Medicine, General Surgery, Obstetrics and Gynecology & Pediatrics will conduct the AETCOM module allotted to them during clinical rotation on Saturdays. As per AETCOM Module book let which includes lecture SGT & SDL: 30 +22 hrs =52 hrs												
PANDEMIC Module	36 hrs *Clinical departments (General Medicine,PulmonaryMedicine,Anaesthesiology as Integrated sessions) 12x 3 hrs = 36												
Total hours	141	222	363	386	390	399	789	635	06	267	273	280	62wks*6 days*3 hrs=1116hrs

Required Hours	Lectures 386	SGT 635	SDL 280	AETCOM 52	Pandemic Module 28	Clinical Postings 1116	Total 2497
Available Hours	Lectures 363	SGT 789	SDL 273	AETCOM 52	Pandemic Module 36	Clinical Postings 1116	Total 2629
Additional /Deficient Hours	23 hrs Deficient	154 hrs Additional	07 Hrs Deficient	Nil	12 hrs Additional	Nil	166 hrs Additional
Utilization of Hours	23 hrs Deficient hours of lectures and 07 Deficient hours of SDL, Total 30 hrs will be utilized from Additional 154 hours of SGT and 12 extra of hours Pandemic module Total 166 hrs. Remaining 136 hours will be utilized for additional /remedial teaching/ Revision.						

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III MBBS PART II 2023-2024 (CBME Curriculum)
DEPARTMENT OF MEDICINE
VII & IX semester
Theory Lecture Schedule

Lect. No.	Topic	Content	Competency	Integration
1	Rabies	At the end of the lecture student should be able to know ➤ The causative agent for rabies : rabies virus -Lyssavirus, bullet shaped, RNA. ➤ To understand the pathology of rabies infection : incubation period/spread of the virus/site of attachment in the CNS ➤ To know at least 3 important clinical features of Rabies: e.g. convulsions/coma/ hydro and aerophobia ➤ To know the most common differentials : encephalitis, seizure disorder, ADEM . ➤ Workup : ➤ To arrive at the diagnosis using clinical and laboratory parameters : e.g. history and lab diagnosis like viral culture and polymerase chain reaction, serology. classical Negri bodies ➤ To know what are Negri bodies - round cytoplasmic inclusions ➤ To know the treatment and prevention of disease : severity and classification of the bites and wound care.	IM25.1-IM25.3, IM25.8	
2	Adult Immunization	1. Types of Immunization – Active - Passive 2. Different routes of vaccine administration 3. Recommended immunization schedule 4. Vaccination for health care workers and before splenectomy 5. Post exposure immunization 6. Vaccination for travelers.		

3	Common Fungal Infections	1. Common fungal infections 2. Etiopathogenesis of fungal infections 3. Clinical manifestations 4. Diagnosis – PAS and GMSA stain – India ink preparation of CSF for Cryptococcus. 5. Treatment of fungal infections- Amphotericin B, Fluconazole, Caspofungin etc.		
4	Abdominal Tuberculosis	1. To understand etiopathogenesis, routes of spread & people at risk for abdominal tuberculosis 2. Clinical Presentations of abdominal tuberculosis e.g ascites, abd LN pathy 3. Diagnosis –high index of suspicion e.g Ascitic fluid analysis –ADA levels Ct Abdomen, endoscopy, biopsy. 4. Management – Medical Management – antitubercular therapy 5. Surgical Management – for e.g Stricture /obstruction		
5	Liver Cirrhosis Part 1	1. Define liver cirrhosis 2. Know different causes of liver cirrhosis- Classification 3. Understand its pathogenesis and staging of fibrosis 4. Describe its clinical features: symptoms and signs 5. Describe lab features of liver cirrhosis 6. Prognosis –Child Pugh scoring	IM5.1-IM5.8, IM5.13, IM5.16, IM5.18	

6	Liver Cirrhosis Part 2	Portal hypertension: definition, mechanism, classification, complications 1. Gastroesophageal varices: risk factors of bleeding, management of acute variceal bleed, Banding Vs sclerotherapy, prevention of varices 2. Splenomegaly: symptoms, hypersplenism 3. Spontaneous bacterial peritonitis: Clinical features, characteristics of fluid, treatment, 4. Hepatorenal syndrome: types, pathogenesis, treatment	IM5.1-IM5.8, IM5.13, IM5.16, IM5.18	
7	Hepatic Encephalopathy	1. Definition of hepatic encephalopathy: neuropsychiatric abnormalities in patients with liver dysfunction 2. To know about pathogenesis – astrocyte dysfunction, neurotoxic substance increase e.g . ammonia. 3. To know important points of clinical presentation of hepatic encephalopathy: grading, change in sleep-wake cycle, asterixis, coma 4. Management: depending upon the severity eg. Lactulose, enema, gut sterilising agents.	IM5.1-IM5.8, IM5.13, IM5.16, IM5.18	
8	Pancreatitis	- At the end of lecture student should be able to tell 1. Definition of Acute pancreatitis 2. Important point about pathophysiology: i.e. disturbed cellular homeostasis. Release of proteolytic enzymes. 3. Most common etiologic factors of : 1) alcohol. 2) gall stones 3) trauma 4) drugs 4. To arrive at the diagnosis by clinical examination and USG and laboratory parameters like lipase , amylase 5. Grading of severity of acute		Surgery

		pancreatitis- modified Ranson Imrie score , Bisap,Apache II etc 6. To know in brief about treatment of Acute pancreatitis monitoring of vital and fluid therapy, antibiotics/ surgical intervention, supportive care 7. To know in brief about complications of acute pancreatitis : like multiple organ dysfunction, shock. Chronic pancreatitis : At the end of lecture student should be able to tell 1. Definition of chronic pancreatitis, : continuing chronic inflammatory process in pancreas –irreversible 2. To know important points in pathogenesis of C.P. i.e. pancreatic fibrogenesis 3. To know important causative factors : ethanol, direct toxins, oxidative stress 4. To know about work up of chronic pancreatitis i.e. diagnostic tests pancreatic function tests/ radiography/ct scanning. ERCP, MRCP 5. To know in brief about the management of chronic pancreatitis. i.e. pharmacologic- relief of pain and surgical treatment – Names & indications		
9	CNS - Introduction And Applied Anatomy	Describe the functional anatomy of the locomotor system of the brain.	IM 19.1	

10	Headache	Define and classify headache Describe the presenting features, precipitating factors , aggravating and relieving factors of various kinds of headache 1. The 2 major types of headache- primary (migraine) and secondary. 2. The common causes of headache . 3. The emergency medical causes of headache usually (secondary) mainly meningitis, Intracranial bleed, brain tumor, temporal arteritis, and glaucoma. 4. Evaluation of headache- brain imaging, CSF studies, etc. 5. Diagnostic criteria of migraine, Diagnosis of other headaches. Treatment - nonpharmacological and pharmacological therapy	IM 17.1, IM 17.3, IM 17.6, IM 17.7, IM 17.10, IM 17.11, IM 17.12, IM 17.13	
11	Epilepsy	1. Definition of seizures and epilepsy. 2. Classification of seizures- main 2 types focal and generalised with further subtypes of tonic , clonic, atonic, myoclonic etc. 3. Causes according to age. 4. Overview of epilepsy syndromes inc juvenile myoclonic epilepsy. 5. Approach to a epilepsy patient by history, general and systemic examination. 6. Investigations in various types of epilepsy- laboratory studies , EEG, brain imaging 7. Differential diagnosis of epilepsy – differentiate between syncope and seizure, psychogenic seizure etc. 8. Treatment modes with – Rx of underlying disorders, various antiepileptics- traditional drugs and newer antiepileptics, the firstline and alternative agents for each of specific epilepsy type. 9. Treatment of status epilepticus incl Phenobarbital anaesthesia. 10. Resistant epilepsy- surgical management 11. Psychosocial issues- employment, driving, epilepsy in pregnancy	-	

		rehabilitation of epileptics etc.		
12	Coma	1) Introduction to Coma a) Definition b) Know meaning of various other terminologies used for states of reduced alertness e.g Drowsiness, stupor, vegetative state, locked in etc 2. Know pathophysiology of coma -Role of Reticular activating system(RAS) 3. Know causes of Coma 4. Approach to a patient with coma a) History b) General Physical examination c) CNS examination (GCS scale & others) 5. Investigations to be done in a case of coma e.g CT/MRI/EEG/CSF/Blood Investigations etc. 6. Know the differential diagnosis of coma 7. Know about treatment of coma ABC approach ,General measures,Specific measures 8. Know about the prognosis e.g Metabolic better than traumatic		
13	CVA Part – 1	➤ Definition of Transient ischemic attacks (TIA) ➤ Risk of stroke following TIA- The ABCD² Score ➤ Primary and secondary prevention of TIA ➤ Definition of stroke ➤ Risk factors for stroke ➤ Discuss Etiology & pathophysiology of ischemic stroke ➤ Treatment of ischemic stroke • Medical support • Intravenous thrombolysis - To identify the indication and contraindication for the administration of Intravenous Recombinant Tissue Plasminogen Activator (rtPA) • Endovascular techniques	IM 18.1, IM 18.2, IM 18.6, IM 18.7, IM 18.8, IM 18.11, IM 18.12, IM 18.13, IM 18.14, IM 18.15	

		• Antithrombotic treatment • Neuroprotection • Stroke centres and rehabilitation		
14	CVA Part-2	➤ Discuss Cardioembolic stroke ➤ Discuss artery-to-artery embolic stroke ➤ Discuss carotid atherosclerosis and its treatment ➤ Discuss pathophysiology and clinical manifestation of Small – vessel stroke ➤ Enumerate less common causes of stroke ➤ Stroke syndromes • Stroke within the anterior circulation • Stroke within the posterior circulation	IM 18.1, IM 18.2, IM 18.6, IM 18.7, IM 18.8, IM 18.11, IM 18.12, IM 18.13, IM 18.14, IM 18.15	
15	CNS Infections- I	1. Etiology of pyogenic meningitis 2. Approach to a case of pyogenic meningitis – 3 important signs symptoms Neck stiffness (kernig, Brudzinski sign) 3. CSF picture of pyogenic meningitis – Increase cells (neutrophils), high proteins, very low sugar, gram stain 4. Treatment of acute bacterial meningitis -Ceftriaxola	IM 17.7	
16	CNS Infections- II	1. Etiopathogenesis of TBM 2. Clinical features of TBM 3. CSF analysis of TB Meningitis – cobweb appearance, lymphocytosis in CSF, raised ADA levels. 4. Treatment of TB meningitis & Complications – ATT, Steroid, (duration) surgery- hydrocephalus	IM 17.7	
17		• Discuss infective etiology of SOL like brain abscess, Tuberculoma, Neurocysticercosis etc. • Clinical features in brief • Investigations in ICSOL-CT, MRI. • D/D of Ring enhancing lesion Treatment- According to cause • Discuss non infective causes- Brain tumours etc • Discuss primary Malignancies of brain -gliomas, meningiomas, pituitary adenomas, and acoustic	-	

	Intracranial Space Occupying Lesion	neuromas. • Discuss metastatic tumour of brain. • Discuss clinical features according to parts of brain affected like temporal lobe, frontal lobe, parietal lobe, occipital lobe, cerebellopontine angle. • Other modes of presentations- Headache, convulsions, raised ICT etc. • Discuss focal neurological and localising signs.		
18	Extrapyramidal System – Parkinson (Movement Disorder)	1. Definition- neurodegenerative disorder due to degeneration of dopaminergic neurons in substantia nigra 2. Causes- Primary :- Idiopathic Secondary :- drug induced: metoclopramide, lithium, vascular, infections etc 3. Clinical features- Parkinsonism (bradykinesia , rigidity , tremor) 4. Atypical parkinsonism- multiple system atrophy, progressive supranuclear palsy 5. Other extrapyramidal syndromes- dystonia, chorea, tardive dyskinesia 6. Treatment – 1 Pharmacological (levodopa, dopamine agonists, MAO-B inhibitors, COMT inhibitors etc) and supportive and rehabilitative	IM 19.1, IM 19.2, IM 19.8	
19	Cerebellar Disorder	1. Diseases involving cerebellum give rise to ataxia 2. Causes of cerebellar ataxia- a. Symmetrical- 1. acute: acute viral infection 2. Subacute: alcoholic 3. Chronic: inherited diseases- Friedreich's ataxia b. Focal – 1. acute: vascular 2. Subacute: neoplastic, demyelinating Chronic: dandy- walker malformation 3. Other cerebellar signs- nystagmus, dysdiadochokinesia, positive finger nose test, pendular knee jerk 4. Management- diagnosis and treatment of underlying cause.		

20	Spinal Cord Disorders Part-1	1. Basic Anatomy of Spinal Cord a. Different sensory & motor tracts b. Terminology 2. Classification of Spinal cord Disorders a. Compressive /Non compressive b. Extramedullary / Intramedullary c. Conus medullaris / cauda equina 3. a. Relevance of anatomy with classification b. UMN & LMN manifestations		
21	Spinal Cord Disorders Part-2	1. Compressive Disorders - Classification - Clinical features - Investigation –Imaging - Management 2. Management a) As per etiology b) General care of a spinal cord patient c) Management of urinary Bladder		Orthopedics
22	Peripheral Neuropathies	1. Common causes :- Systemic disease (Diabetes Mellitus leprocy),vitamin deficiency ,medication (chemotherapy) etc. 2. Classification:- • Mononeyuropathy • Polyneuropathy • Mononeuritis multiplex 3. Symptoms and signs • Sensory- imbalance of patient,tingling,pain. • Motor- weakness ,cramps,fasciculation, • Autonomic- constipation,dry mouth,difficulty urinating dizziness. 4. Diagnosis- Electromyography (EMG) and nervconduction studies,sweat test ,tilt table test Blood test- Vitamin B12 levels, complete blood count, thyroid function test,blood sugar levels 5. Treatment –strict blood sugar control, intravenous immunoglobulin, steroids antidepressants,antiepileptics for pain e.g. gabapentin, vitamin	IM 11.18	

		supplements		
23	GBS	1. Definition & Types AIDP, AMAN, AMSAN, Miller Fischer etc. 2. Etiopathogenesis – a) Role of C.jejuni & other infections b) Pathophysiology of immune mediated demyelination 3. Clinical Features - Motor > Sensory - Distal > Proximal - Respiratory involvement - Cranial Nerve - Autonomic 4. Investigation a) CSF -albuminocytological dissociation b) NCS c) Autoantibody assays 5. Diagnostic criteria GBS – Modified Asbury's criteria 6. Treatment - • IV Ig v/s Plasmapheresis • Supportive care including ventilatory support • Rehabilitation		
24	Trigeminal Neuralgia And Bells Palsy	Introduction Definition Classification Etiology and pathogenesis Clinical features Diagnosis Treatment and management		
25	Myasthenia Gravis	1. Etiology it is a autoimmune disorders 2. Clinical features- • Age & sex incidence • Pattern of muscle weakness • Drugs causing myasthenia like weakness ,β-blockers, aminoglycosides, quinolones, antiarrhythmics , myopathic pattern of weakness - Investigations • Tensilon test • EMG pattern • Serum antibodies 4. Treatment • Acetylcholinesterase inhibitors • Immunosuppressive treatment - Short term- steroids e.g. prednisolone		

		- Medium term-Azathioprine - Long term- Mycophenolate mofetil • Use of plasmapheresis & intravenous immunoglobulin • Mechanical ventilation • Surgery- Thymectomy		
26	Muscle Disorders	1 .Many types – the common ones are • Muscle dystrophies - Duchennes and Beckers - limb girdle muscular dystrophy • Polymyositis • Hypokalemic and Hyperkalemic periodic paralysis 2 Clinical features • Duchenne’s • onset 2-3 years--chair bound by 12 yrs • pattern of muscle involvement - pseudohypertrophy of calf muscle - Gower’s sign - Treatment • Polymyositis - Association with certain cancers - Treatment - a.Glucocorticoids - b.immunosuppression • Hypokalemic periodic paralysis - Common in males - Provoked by high carbohydrate or sodium or rest following exercise - Association with thyrotoxicosis - Treatment a. Oral pottasium ,rarely IV supplementation • Investigations - Serum enzymes- creatine kinase CK - Electrodiagnostic studies - EMG - Muscle biopsy		
27		1. To identify the focal neurological deficit • Hemiplegia/hemiparesis- Upper motor neuron type • Cranial nerve involvement- most commomnly 7th cranial		

	Localization Of CNS Lesions	- nerve involvement • Ataxia • Speech disorder- aphasia: motor, sensory, global - To localize the lesion acc to the neurological deficit - Hemiplegia (UMN)- lesion in contralateral hemisphere or brainstem - Hemiplegia with same side UMN facial palsy- lesion in contralateral hemisphere - Hemiplegia with opp side LMN facial N palsy- lesion in pons , same side of facial N palsy - Ataxia – lesion in cerebellum or CP angle - Left (dominant) hemisphere lesion- hemiplegia with aphasia - It pt has seizures or decreased consciousness level; lesion can be in cerebral cortex.		
28	Disorders Of Hypothalamus And Pituitary Gland	- Etiology – Developmental,traumatic, neoplastic ,vascular etc. - Pituitary Apoplexy- Acute intrapituitary vascular event (sheehan syndrome) Acute presentation- hypoglycemia,hypotension, death - Lab investigations- Low levels of respiratory pituitary trophic hormones e.g low TSH ,GHRH,ACTH,CRH. - Treatment- hormone replacement therapy gluco –corticoide ,thyroid hormones,sex steroids GH increased gluco –corticoids dose during stress.	IM -12.3	
29	Thyroid Disorders-1 { Hypothyroidism And Thyroiditis}	- Know the physiology of thyroid hormone synthesis & secretion & regulation of thyroid axis. - Know the causes of hypothyroidism - Dietary factors - Geographical factors - Know about congenital hypothyroidism - Know signs & symptoms of hypothyroidism & Myxedema - Know the appropriate investigations needed for diagnosis - Know about various types of hypothyroidism- Clinical,Subclinical etc - Know appropriate treatment protocol& monitoring of Rx outcome.	IM - 12.1,12.2,12.4,12.12,12.13	

		8) Know about various type of thyroiditis Hashimoto: de quervain's etc. 9) Know the spectrum of clinical manifestation in various types of thyroiditis. 10) Management of thyroiditis		
30	Thyroid Disorders-2 {Hyperthyroid And CA Thyroid}	11) Know the physiology of thyroid hormone synthesis & secretion & regulation of thyroid axis. 12) Know the causes of hypothyroidism c) Dietary factors d) Geographical factors 13) Know about congenital hypothyroidism 14) Know signs & symptoms of hypothyroidism & Myxedema 15) Know the appropriate investigations needed for diagnosis 16) Know about various types of hypothyroidism- Clinical, Subclinical etc 17) Know appropriate treatment protocol & monitoring of Rx outcome. 18) Know about various type of thyroiditis Hashimoto: de quervain's etc. 19) Know the spectrum of clinical manifestation in various types of thyroiditis. 20) Management of thyroiditis	IM- 12.1,12.15	Surgery
31	Calcium Metabolism And Disorders Of Parathyroid Gland	1) - Calcium metabolism in the body- Role of parathyroid 2) Causes of hypo & hyperparathyroidism 3) Signs and symptoms hypo & hyper parathyroidism 4) Diagnostic evaluation of parathyroid gland & its interpretation 5) Rx of hypo & hyper parathyroidism		
32	Disease Of Adrenals Part 1 {Cushing's Syndrome}	1. Introduction 2. Pituitary hormones and adrenals 3. Definition 4. Causes of Cushing's 5. Pathophysiology 6. Symptoms of Cushing's disease 7. Diagnostic evaluation 8. Medical management 9. Surgical management 10. Complication		
33		1. Definition 2. Incidence 3. Causes primary and secondary		

	Disease Of Adrenals Part 2 {Addison's Disease}	4. Risk factors 5. Symptoms 6. Diagnosis 7. Treatment		
34	Metabolic Syndrome	1. Introduction 2. Definition 3. Epidemiology 4. Pathophysiology 5. Treatment		
35	Diabetes Mellitus Type 1	1. Define and classify diabetes 2. Describe and discuss the epidemiology and pathogenesis and risk factors and clinical evaluation of type 1 diabetes. 1. Describe and discuss the pathogenesis precipitating factors, recognition and management of diabetic emergencies. 2. Describe and recognize the clinical features of patients who present with a diabetic emergency. 3. Discuss and describe the pharmacology therapies for diabetes their indications, contraindications, adverse reactions and interactions. 4. Outline and therapeutic approach to therapy of T2 diabetes based on presentation , severity and complications in a cost effective manner 5. Describe and discuss the pharmacology , indications, adverse reactions and interactions of drugs used in the prevention and treatment of target organ damage and complications of type 2 Diabetes including neuropathy, nephropathy, retinopathy ,hypertensions, Dyslipidaemia and cardiovascular disease 6. Enumerate the causes of hypoglycaemia and describe the counter hormone response and the initial approach and treatment. 7. Describe the precipitating causes, pathophysiology, recognition, clinical features, diagnosis, stabilization and management of hyperosmolar non-ketotic state.	IM - 11.1, 11.2, 11.6, 11.9, 11.16, 11.17, 11.18, 11 .22, 11.24	

36	Diabetes Mellitus Type 2	1. Describe and discuss the pathogenesis precipitating factors, recognition and management of diabetic emergencies. 2. Describe and recognize the clinical features of patients who present with a diabetic emergency. 3. Discuss and describe the pharmacology therapies for diabetes their indications, contraindications, adverse reactions and interactions. 4. Outline and therapeutic approach to therapy of T2 diabetes based on presentation , severity and complications in a cost effective manner 5. Describe and discuss the pharmacology , indications, adverse reactions and interactions of drugs used in the prevention and treatment of target organ damage and complications of type 2 Diabetes including neuropathy, nephropathy, retinopathy ,hypertensions, 6. Dyslipidaemia and cardiovascular disease Enumerate the causes of hypoglycaemia and describe the counter hormone response and the initial approach and treatment. 7. Describe and discuss the epidemiology and pathogenesis and risk factors economic impact and clinical evaluation of type 2 Diabetes.	IM-11.6, 11.9, 11.16, 11.17, 11.18, 11.22, 11.24, 11.3	
37	Glomerulonephritis	a) introduction to glomerular diseases, presentations and causes, pathogenesis, history and physical examination, laboratory tests b) individual diseases: IgA Nephropathy, PIGN, RPGN, MPGN, Lupus Nephritis		
38		- Definition - Etiology - Pathophysiology • Process of hypoalbuminemia • Various metabolic consequences – Acute Kidney Injury in	IM10.8	Pediatrics

	Nephrotic Syndrome	Nephrotic Syndrome - Treatment of nephrotic syndrome		
39	Acute Kidney Injury 1	- Definition - Causes – prerenal, renal, post renal and pathophysiology of each - Pathogenesis – initiation, progression and recovery phase - Nephrotoxic agents and mechanism of toxicities - Pigment nephropathy – rhabdomyolysis, hemoglobinuria - AIN - Tumour lysis syndrome - Snake bite related AKI - Malaria AKI pathogenesis	IM 10.1,10.2,10.3,10.4,10.7,10.16,10.19,10.25	
40	Acute Kidney Injury-2	- Diagnosis - Biomarkers in AKI for early detection - Diagnostic approach to AKI - Labs – BUN-creatinine ratio, urinalysis and microscopy, fractional excretion of sodium and urea - Imaging studies - Renal biopsy - Complications – fluid overload, metabolic acidosis, hyperkalemia, uremia, encephalopathy, and management of complications - Management of AKI – general, fluid and electrolyte management, drugs to promote recovery	IM 10.1,10.2,10.3,10.4,10.7,10.16,10.19,10.25	
41	CKD Part 1	- Definition and classifications - Causes and risk factors - Investigations – creatinine, urinalysis, GFR, imaging, CBC, bone and mineral metabolism - Blood gas analysis	IM 10.5,10.6,10.9,10.10,10.11,10.19,10.26,10.27,10.28,10.29,10.30,10.31	
42	CKD Part 2	- Fluid balance in CKD - Nutrition in CKD - Methods to retard progression - Control of HTN - Treatment of anemia - Treatment of bone and mineral disease - Treatment of metabolic acidosis - Management of cardiovascular risk - Renal replacement therapy – hemodialysis, peritoneal	IM 10.5,10.6,10.9,10.10,10.11,10.19,10.26,10.27,10.28,10.29,10.30,10.31	

		dialysis, renal transplant		
43	Iron Deficiency Anemia	1. Know about Iron Metabolism 2. Be familiar with stages of Iron deficiency 3. Know about causes of Iron deficiency 4. Be well versed with clinical symptoms & signs of Iron deficiency anemia 5. Be able to order & interpret laboratory Investigations needed for diagnosis of iron deficiency anemia including peripheral smear examination 6. Be able to give appropriate Rx for Iron deficiency anemia (Oral & Parenteral)	IM 9.1,9.2,9.7,9.8,9.11,9.12,9.14,9.17,9.18,9.21	
44	Megaloblastic Anemia	1. Know about dietary sources & requirement its absorption of unit B12 & Folate 2. Be able to enumerate the causes of Megaloblastic Anemia 3. Clinical presentation of Megaloblastic Anemia & its complications 4. Order & interpret laboratory findings including peripheral smear examination 5. Institute appropriate Rx for Megaloblastic Anemia	IM 9.1,9.2,9.7,9.8,9.11,9.12,9.14,9.17,9.18,9.21	
45	Aplastic Anemia And Anemia Of Chronic Disease	1. Definition of Aplastic anemia 2. Signs and symptoms of Aplastic anemia 3. Causes of Aplastic anemia 4. Diagnosis of Aplastic anemia 5. Treatment and follow up of Aplastic anemia 6. Prognosis of Aplastic anemia 1. Pathophysiology of anemia of chronic diseases 2. Survival advantage 3. Severity of anemia of chronic diseases 4. Diagnosis of anemia of chronic diseases 5. Treatment of anemia of chronic diseases	IM 9.1,9.2,9.7,9.8,9.11,9.12,9.14,9.17,9.18,9.21	
46		1) Classify hemolytic anemias – according to intra & extra corpuscular defects, acquired & hereditary 2) Clinical features of hemolytic disorders –Common & specific 3) Tests for diagnosis of	IM 9.1,9.2,9.7,9.8,9.11,9.12,9.14,9.17,9.18,9.21 PA 16.2, 16.4	

	Hemolytic Anemia	Hemolytic anemia & the etiology • Osmotic fragility • Hb electrophoresis • Enzyme Assays • Coombs test 4) Treatment – splenectomy, steroid as per etiology, immunosuppressive 5) Know in brief about G6PD deficiency		
47	Thalassemia	1) Classification of alpha & beta thalassemias 2) Clinical features & diagnosis of beta thalassemia 3) Management of beta thalassemia – • BT • BM transplant • Genetic counselling	IM 9.1,9.2,9.7,9.8,9.11,9.12,9.14,9.17,9.18,9.21 PA 16.3	Pediatrics
48	Leukemia Part -1 (Acute)	1. Describe the clinical epidemiology and inherited and modifiable risk factors for common malignancies in India 2. Describe the genetic basis of selected cancers 3. Describe the relationship between infection and cancers 4. Describe the natural history, presentation, course, complications and cause of death for common cancers. 5. Describe the common issues encountered in patients at the end of life and principles of management. 6. Describe and distinguish the difference between curative and palliative care in patient with cancer. ALL 1. Etiology& pathogenesis of ALL 2. Clinical Features of ALL & Differential Diagnosis 3. Elaborate on the Laboratory diagnosis of ALL - L1,L2 & L3 types 4. Treatment of ALL AML 1. Etiology& pathogenesis of AML 2. Clinical Features of AML – Gum hypertrophy 3. FAB classification of AML	IM 13.1, 13.2, 13.3, 13.4,13.5, 13.6	

		4. Lab diagnosis of AML including Cytogenetics & Immunohistochemistry 5. Treatment of AML		
49	Leukemia Part-2 (Chronic)	1. Describe the clinical epidemiology and inherited and modifiable risk factors for common malignancies in India 2. Describe the genetic basis of selected cancers 3. Describe the relationship between infection and cancers 4. Describe the natural history, presentation, course, complications and cause of death for common cancers. 5. Describe the common issues encountered in patients at the end of life and principles of management. Describe and distinguish the difference between curative and palliative care in patient with cancer. CML 1. Aetiopathogenesis of CML 2. Philadelphia chromosome – molecular pathogenesis, BCr-AbL translocations 3. Clinical Features & differential diagnosis of CML 4. Lab diagnosis of CML including Cytogenetics & Immunohistochemistry 5. Treatment of CML – • Role of imatinib mesylate • Stem cell transplant CLL 1. Aetiopathogenesis of CLL 2. Clinical features of CLL 3. Diagnostic Work-up in CLL along with Differential diagnosis 4. Severity grading of CLL – Binnet& RAI grading 5. Treatment principles of CLL	IM 13.1, 13.2, 13.3, 13.4,13.5, 13.6	
50	Lymphoma	1. Lymphoma- basic definition,classification 2. Aetio-pathogenesis of Hodgkin's lymphoma 3. Clinical features of Hodgkin's Lymphoma 4. 4 types of Hodgkin's Lymphoma with molecular diagnosis	IM 13.1, 13.2, 13.3, 13.4,13.5, 13.6	

		5. Investigations in a case of Hodgkin's Lymphoma 6. Treatment of Hodgkin's Lymphoma Non-hodgkins Lymphoma 1. Aetiopathogenesis of NHL 2. Clinical features of NHL 3. Diagnostic work-up in a case of NHL 4. Differential diagnosis of NHL 5. Treatment of NHL		
51	Multiple Myeloma	1) Etiology of multiple myeloma – radiation , occupation 2) Clinical features – hypercalcemia, pathological fractures, renal failure, anemia, bleeding, clotting disorders, recurrent infections 3) Diagnosis – bone marrow findings, routine lab findings, protein electrophoresis, Bence Jones proteins in urine 4) Treatment – transplantation, novel agents	IM 13.1, 13.2, 13.3, 13.4,13.5, 13.6	
52	Disorders Of Hemostasis	1. Platelet disorders leads to defect in primary hemostasis. 2. Etiology - Decreased number of platelet - Defective function of platelet - Inherited(Rar - Acquired - Immune e.g autoimmune ,drug induced - Increased consumption (TTP) - Thrombotic thrombocytopenic purpura - Decreased production 3. Disorders of platelet function - von willebrand inherited autoimmune bleeding disorders - Disorders of aggregation - Disorders of secretion - Disorders of thromboxane synthesis - Acquired – e.g drugs Aspirin, NSAID , alcohol ,uremia - Myelodysplasia 4. Clinical presentation:- - Symptoms – Bleeding from		

		any site , Epistaxis,bleeding gums, • Signs - petechiae,ecchymosis splenomegaly etc 5. Diagnosis – Complete blood count ,peripheral smear,giant platelets, high lactate dehydrogenase, invitro platelet function analyzer,Bone marrow 6. Treatment- as per etiology & Guidelines for platelet transfer		
53	Coagulation disorders-hemophilia/DIC	1. DIC is characterised by systemic activation of blood coagulation.Consumption of coagulation factors, protein, platelets induces severe bleeding. 2. Derangement of fibrinolytic system contributes to clot formation & can present with simultaneous bleeding and thrombotic problem 3. Etiology- Sepsis ,trauma, necrotic pancreatitis etc 4. Complication – Acute kidney injury respiratory & hepatic dysfunction e 5. Lab investigation- Thrombocytoper clotting time prolonged measuring coagulation factors V ,VII, PT/INR,APTT,BT,CT ,electrolyte imbalance 6. Treating underlying disorders , corr hypokalemia ,basic hemostasis, coagulation factor replacement ,plat replacement and heparin where indicated.		
54	Approch to Rheumatic Disorder	1. Common symptoms of Rheumatic disorders 2. Important diagnostic clinical signs 3. Articular vs periarticular pain 4. Inflammatory vs non – inflammatory pain 5. Important investigations in arthritis 6. Diagnostic algorithm	IM 7.1-IM 7.10	
55	Rheumatoid Arthritis.	1. It is a type of inflammatory arthritis ,systemic disorder 2. EULAR/ACR 2010 classification 3. Pathology -pannus formation & Immunology –TNF α 4. Clinical Features:- Articular Extraarticular 5. Diagnosis – Laboratory test ESR, CRP,RA factor,	IM 7.1-IM 7.10	Orthopedics

		antiCCp,X-Rays 6. Treatment – NSAIDS , corticosteroids DMARDs Biologics		
56	SLE	1. What is SLE- a multisystem autoimmune disorder 2. Clinical Features,diagnostic criteria 3. Investigations-Hemogram, renal functions, immunological tests – ANA 4. Complications , Lupus nephritis (class I – VI), Antiphospholipid (APLA) syndrome 5. Treatment – Corticosteroids, hydroxychloroquine , Rituximab	IM 7.1-IM 7.10	
57	Spondyloarthropathies & Reactive Arthritis	1. Concept of Spondyloarthritis and disease subgroups in spondyloarthropathy 2. Clinical features: Rheumatological manifestations ; Extra articular features, specific features 3. Genetic background :Family history, Role of HLA-B27 antigen 4. Ankylosing spondylitis: clinical features, assessment & measurements, treatment 5. Reactive arthritis: features, triggering bacteria,clinical course, treatment	IM 7.1-IM 7.10	
58	Osteoarthritis & Infective Arthritis	1. Osteoarthritis :definition, pathogenesis, clinical features, radiologic features 2. Osteoarthritis treatment: pharmacologic – analgesics, intra articular steroids, non pharmacological- role of exercise, physiotherapy 3. Distinguish between infectious arthritis and inflammatory arthritis 4. Septic arthritis :features,risk factors, treatment, complications 5. Viral arthritis :viruses, features, treatment, prognosis 6. Tubercular and other infectious arthritis :diagnosis and treatment	IM 7.1-IM 7.10	Orthopedics
59	Scleroderma & MCTD	1. Typical clinical appearance skin over – face ,hands 2. Systemic involvement – GIT ,joints ,lungs 3. Types – limited cutaneous & diffuse scleroderma	IM 7.1-IM 7.10	

		4. Immunological markers 5. Management of skin changes, arthritis ,pulmonary hypertension 6. Definition / few word on MCTD.		
60	Gout & Pseudogout	7. Typical clinical appearance skin over – face ,hands 8. Systemic involvement – GIT ,joints ,lungs 9. Types – limited cutaneous & diffuse scleroderma 10. Immunological markers 11. Management of skin changes, arthritis ,pulmonary hypertension 12. Definition / few word on MCTD.	IM 7.1-IM 7.10	
62	Dermatomyositis & Polymyositis	DERMATOMYOSITIS 1. Definition 2. Symptoms 3. Diagnosis 4. Treatment 5. Outlook prognosis 6. Complications 7. Differential diagnosis POLYMYOSITIS 1. Definition 2. Classification of Myositis 3. Epidemiology 4. Clinical manifestations 5. Myositis prognosis 6. Polymyositis 7. Signs and symptoms 8. Complications 9. Associated conditions 10. Diagnostic criteria 11. Laboratory test 12. Treatment	IM 7.1-IM 7.10	
63	Vasculitis	1. Classification and nomenclature of vasculitis 2. Pathogenesis, Common features and approach to diagnose vasculitis 3. ANCA associated vasculitis: Granulomatosis with polyangitis(Wegeners), 4. Eosinophilic Granulomatosis with polyangitis (Churg-Strauss), microscopic polyangitis: clinical	IM 7.1-IM 7.10	

		features and treatment 5. Polyarteritis Nodosa :clinical features, association with Hepatitis B Virus, treatment 6. Takayasu arteritis , Giant cell arteritis: features, management		
64	Sarcoidosis.	1. Definition of sarcoidosis and differentiating from similar granulomatous lesions 2. Etiopathogenesis of sarcoidosis 3. Clinical features: lung, skin, eyes, Lymph nodes,Liver, Spleen, cardiac, neurologic involvement 4. Laboratory features, Serum ACE levels, Biopsy features 5. Management: Glucocorticoids, alternative drugs, anti TNF drugs	IM 7.1-IM 7.10	
65	Chikungunya	1. Know about chikungunya virus. 2. Describe clinical spectrum and laboratory tests 3. Know about complications 4. Laboratory test 5. Treatment	IM4.1 – IM4.8	
66	UTI	- Definition of complicated and uncomplicated UTI - Epidemiology - Asymptomatic bacteriuria - Pathogenesis of complicated and uncomplicated UTI - Aetiologic agents - Clinical syndromes – acute cystitis, acute pyelonephritis - Complicated infections – renal abscess, prostatitis, emphysematous pyelonephritis, papillary necrosis - Catheter-associated UTI - Imaging - Treatment - Tuberculosis of urinary tract also to be covered		
67	Multiple sclerosis	1. Etiology of disease is autoimmune		

		, characterised by demyelination 2. Type of disease can be- relapsing, remitting, progressive 3. Lesions of MS develop at different times and in different locations 4. Genetic consideration in MS in short 5. Clinical features like pyramidal signs (weakness, spasticity etc) Optic neuritis, INO, Diplopia, sensory, symptoms, Ataxia, dysfunction 6. What are ancillary symptoms like heat sensitivity and Lhermitte symptoms 7. Role of MRI, evoked potential and CSF examination in diagnosis. 8. Diagnostic criteria of MS 9. Treatment modalities like a) methyl prednisolone , b) Disease modifying therapies like IFNB, Glatiramer acetate, natalizumab.		
68	Obesity	1. Etiology and pathogenesis. 2. Assessment & Quantification of Obesity 3. Obesity Syndromes -Mention Names only 4. Complications 5. Management - Lifestyle / Diet therapy/ Drugs/Bariatric procedures.	IM 14.1 - IM14.15	
69	Motor Neuron Disease	1. Etiology of disease is neurodegenerative 2. Pathological hallmark is Involvement of lower motor neurons (Anterior horn cell in spinal cord and their brainstem analogues) and/or motor neurons in Area 4 3. Types of motor neuron disease a) Amyotrophic lateral sclerosis (upper motor neuron + lower motor neuron) b) Primary lateral sclerosis (upper motor neuron) c) Proximal muscular atrophy (Lower motor neuron) 4. Clinical features may be either predominantly LMN or UMN or both		

		5. Importance of fasciculations ,preservation of sensory,bowel and bladder function. 6. Diagnostic guidelines of the disease 7. Use of MRI – Motor neuron loss 8. Riluzole – Role in ALS 9. Rehabilitation measures in ALS		
70	Alcohol and its effects			
	Total Hours			70

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
DEPARTMENT OF MEDICINE
VIII Semester

Small group teaching (SGT) Schedule:

*SGT Method-Group discussion/ Tutorial/seminar/DOAP/Practical/ skills lab

Sr. No	Topic	Competency	SGT Method
1	Pleural tap, biopsy and pleural fluid analysis	IM3.9	Group discussion / tutorial
2	Ascitic tap and ascitic fluid analysis	IM5.15	Group discussion / tutorial
3	LP and CSF analysis		Group discussion / tutorial
4	Liver Biopsy		Group discussion / tutorial
5	BMA, Biopsy and analysis	IM4.17	Group discussion / tutorial
6	Kidney Biopsy		Group discussion / tutorial
7	ABG	IM3.8	Group discussion / tutorial
8	Revision of drugs		Group discussion / tutorial
9	Revision of instruments		Group discussion / tutorial
10	Revision of CXR		Group discussion / tutorial
11	Revision of ECG		Group discussion / tutorial
12	Heat Stroke		Group discussion / tutorial
13	Alcohol intoxication and withdrawal		Group discussion / tutorial
14	Anaphylaxis and urticaria		Group discussion / tutorial
15	Snake bite	IM20.1, IM20.2, IM20.3, IM20.4, IM20.5, IM20.6, IM20.7	Group discussion / tutorial
16	Scorpion sting	IM20.8	Group discussion / tutorial
17	Medical problems in old age	Im24.1, IM24.2, IM24.3, IM24.4, IM24.5, IM24.6, Im24.7, IM24.8, IM24.9, IM24.10, IM24.11, IM24.12, IM24.14, IM24.15, IM24.16, IM24.17, IM24.18, IM24.19, IM24.20, IM24.21, IM24.22, IM24.33, IM24.24	Group discussion / tutorial
18	Falls in elderly	IM24.13	Group discussion / tutorial
19	Trigeminal neuralgia		Group discussion / tutorial
20	Medical emergencies Part 1 Revision		Group discussion / tutorial

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III MBBS PART II 2023-2024(CBME Curriculum)

DEPARTMENT OF MEDICINE

IX Semester

Small group teaching (SGT) Schedule

Sr. No	Topic	Competency	SGT Method
1	ECG Revision	IM 1.17-1.18, IM2.10, IM12.10, IM813, IM8.17	Group discussion / tutorial
2	Chest X Ray (CXR) Revision	IM1.17, IM2.11, IM3.7	Group discussion / tutorial
3	Instruments Revision		Group discussion / tutorial
4	Drugs Revision		Group discussion / tutorial
5	Prescription Revision		Group discussion / tutorial
6	Diabetic Ketoacidosis (DKA)	IM11.6-IM11.13, IM11.15, IM11.23	Group discussion / tutorial
7	Organophosphorus Poisoning (OPP)	IM21.1-21.2, IM21.5-21.8	Group discussion / tutorial
8	Status Asthmaticus		Group discussion / tutorial
9	Status Epilepticus		Group discussion / tutorial
10	Acute LVF	IM1.1-1.9, IM1.17-IM1.29	Group discussion / tutorial
11	Management of Acute MI	IM2.6-IM2.24	Group discussion / tutorial
12	CPR	IM2.21, IM2.22	Group discussion / tutorial
13	Approach to Fever with Rash	IM4.3-4.12, IM6.6	Group discussion / tutorial
14	Approach to Fever with Thrombocytopenia	IM4.3-4.12	Group discussion / tutorial
15	Management of Dengue Shock Syndrome		Group discussion / tutorial
16	ARDS	IM3.1-3.8, IM3.11-3.19	Group discussion / tutorial

17	Respiratory Failure	IM3.1-3.8, IM3.11-3.19	Group discussion / tutorial
18	Approach to Comatose patient		Group discussion / tutorial
19	Dyslipidemia	IM2.12, IM2.18	Group discussion / tutorial
20	Wilson's Disease, Hemochromatosis and Porphyrias	IM5.1-5.3, IM5.9-5.18	Group discussion / tutorial
21	Smoking		Group discussion / tutorial
22	Consumer Protection Act		Group discussion / tutorial
23	Extra Pulmonary TB		Group discussion / tutorial
24	Revision of Medical Emergencies- Part II		Group discussion / tutorial

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)

DEPARTMENT OF MEDICINE

VIII Semester

Clinical Posting Schedule:

(Total weeks: 6 :4+2) Monday to Saturday

*Saturday- AETCOM/Skill Lab (as per skill lab availability)

Day of posting	Topic/s	Competency	Hours	Teaching learning method: bedside clinic/ Skills lab/ Clinical clerkship
1	CNS –INTRODUCTION I CLINICAL APPLIED ANATOMY OF THE BRAIN	IM18.1,IM19.1,IM19.6	3 hrs	Bedside Clinic & Clinical Clerkship
2	CNS –INTRODUCTION II CLINICAL APPLIED ANATOMY OF SPINAL CORD AND PNS	AN57.4,PM7.1,PM7.3	3 hrs	Bedside Clinic & Clinical Clerkship
3	CNS HISTORY TAKING I	IM 5.9, IM 7.11, IM 8.9, IM 17.1, IM 17.2, IM 17.5, IM 18.3, IM 18.4, IM 18.8, IM 19.3, IM 19.6	3 hrs	Bedside Clinic & Clinical Clerkship
4	CNS HISTORY TAKING II	IM 5.9, IM 7.11, IM 8.9, IM 17.1, IM 17.2, IM 17.5, IM 18.3, IM 18.4, IM 18.8, IM 19.3, IM 19.6	3 hrs	Bedside Clinic & Clinical Clerkship
5	AETCOM 4.4 –Unit 1		3 hrs	Bedside Clinic & Clinical Clerkship
6	CNS SYMPTOMATOLOGY	IM 17.1, IM 17.3, IM 17.5, IM 18.7, IM 18.8, IM 19.2, IM 19.4	3 hrs	Bedside Clinic & Clinical Clerkship
7	CNS SYMPTOMATOLOGY	IM 17.1, IM 17.3, IM 17.5, IM 18.7, IM 18.8, IM 19.2, IM 19.4	3 hrs	Bedside Clinic & Clinical Clerkship
8	CNS SYMPTOMATOLOGY	IM 17.1, IM 17.3, IM 17.5, IM 18.7, IM 18.8, IM 19.2, IM 19.4	3 hrs	Bedside Clinic & Clinical Clerkship
9	HIGHER MENTAL FUNCTION EXAMINATION PART I	IM 18.7, PM 8.2, PS 2.3	3 hrs	Bedside Clinic & Clinical Clerkship

10	HIGHER MENTAL FUNCTION EXAMINATION PART II	IM 18.7 , PM 8.2,PS 2.3	3 hrs	Bedside Clinic & Clinical Clerkship
11	AETCOM 4.4- Unit 1		3 hrs	Bedside Clinic & Clinical Clerkship
12	CRANIAL NERVE 1-6		3 hrs	Bedside Clinic & Clinical Clerkship
13	CRANIAL NERVE VII	AN 28.7	3 hrs	Bedside Clinic & Clinical Clerkship
14	CRANIAL NERVE 8-12		3 hrs	Bedside Clinic & Clinical Clerkship
15	MOTOR SYSTEM	IM19.1, AN 7.5	3 hrs	Bedside Clinic & Clinical Clerkship
16	AETCOM 4.5 – UNIT 2		3 hrs	Bedside Clinic & Clinical Clerkship
17	MOTOR SYSTEM	IM19.1, AN 7.5	3 hrs	Bedside Clinic & Clinical Clerkship
18	REFLEXES-SUPERFICIAL		3 hrs	Bedside Clinic & Clinical Clerkship
19	REFLEXES-PRIMITIVE		3 hrs	Bedside Clinic & Clinical Clerkship
20	REFLEXES-DEEP		3 hrs	Bedside Clinic & Clinical Clerkship
21	INVOLUNTARY MOVEMENTS-I	IM 19.2, IM 19.3	3 hrs	Bedside Clinic & Clinical Clerkship
22	INVOLUNTARY MOVEMENTS-II	IM 19.2, IM 19.3	3 hrs	Bedside Clinic & Clinical Clerkship
23	AETCOM 4.5- UNIT 2		3 hrs	Bedside Clinic & Clinical Clerkship
24	GAIT		3 hrs	Bedside Clinic & Clinical Clerkship
25	CEREBELLUM -I		3 hrs	Bedside Clinic & Clinical Clerkship
26	CEREBELLUM -II		3 hrs	Bedside Clinic & Clinical Clerkship
27	SKILL LAB		3 hrs	Bedside Clinic & Clinical Clerkship
28	SENSORY-I	AN 7.5,PM 6.1	3 hrs	Bedside Clinic & Clinical Clerkship

29	SENSORY-II	AN 7.5,PM 6.1	3 hrs	Bedside Clinic & Clinical Clerkship
30	CORTICAL SENSATION		3 hrs	Bedside Clinic & Clinical Clerkship
31	MENINGEAL SIGNS	IM 17.4	3 hrs	Bedside Clinic & Clinical Clerkship
32	REVISION OF CVS HISTORY TAKING	IM 1.1, IM 1.10, IM 1.11, IM 1.12, IM 1.13, IM 1.14,IM 1.15, IM 1.20, IM 1.22, IM 1.25	3 hrs	Bedside Clinic & Clinical Clerkship
33	REVISION OF CVS GENERAL & SYSTEMIC EXAMINATION	IM 1.1, IM 1.10, IM 1.11, IM 1.12, IM 1.13, IM 1.14,IM 1.15, IM 1.20, IM 1.22, IM 1.25	3 hrs	Bedside Clinic & Clinical Clerkship
34	SKILL LAB	IM 1.1, IM 1.10, IM 1.11, IM 1.12, IM 1.13, IM 1.14,IM 1.15, IM 1.20, IM 1.22, IM 1.25	3 hrs	Bedside Clinic & Clinical Clerkship
35	REVISION OF PER ABDOMEN HISTORY & SYSTEMIC EXAMINATION	PA 25.1, PA 25.6,CM3.3, PE 26.6,IM 15.5,IM25.5,IM5.10,IM5.9,IM5.11,IM5.15,IM5.16	3 hrs	Bedside Clinic & Clinical Clerkship
36	Term End Exam		3 hrs	Bedside Clinic & Clinical Clerkship

Bharati Vidyapeeth Deemed To Be University Medical College ,Pune

III MBBS PART II 2023-2024(CBME Curriculum)

DEPARTMENT OF MEDICINE

IX Semester

Clinical Posting Schedule:

(Total weeks: 6: 4+2) Monday to Saturday Timing – 9.30am to 12.30pm

***Saturday- AETCOM/Skill Lab (as per skill lab availability)**

Sr.No	Topic/s	Competency	Hours	Teaching learning method: bedside clinic/ Skills lab/ Clinical clerkship
1	CASE PRESENTATION AND APPROACH TO CASE OF HEMIPLEGIA – 1	IM 18.3, IM 18.4, IM 18.5, IM 18.6, IM 18.7, IM 18.7, IM 18.8, IM 18.9, IM 18.10, IM 18.11, PM 2.2	3 hrs	Bedside Clinic & Clinical Clerkship
2	CASE PRESENTATION AND APPROACH TO CASE OF HEMIPLEGIA – 2	IM 18.3, IM 18.4, IM 18.5, IM 18.6, IM 18.7, IM 18.7, IM 18.8, IM 18.9, IM 18.10, IM 18.11, PM 2.2	3 hrs	Bedside Clinic & Clinical Clerkship
3	CASE PRESENTATION AND APPROACH TO CASE OF HEMIPLEGIA – 3	IM 18.3, IM 18.4, IM 18.5, IM 18.6, IM 18.7, IM 18.7, IM 18.8, IM 18.9, IM 18.10, IM 18.11, PM 2.2	3 hrs	Bedside Clinic & Clinical Clerkship
4	AETCOM 4.8 - Unit 3		3 hrs	Bedside Clinic & Clinical Clerkship
5	CASE PRESENTATION AND APPROACH TO A CASE OF PARAPLEGIA – PART 1	IM 18.5, IM 18.8, IM 18.9	3 hrs	Bedside Clinic & Clinical Clerkship
6	CASE PRESENTATION AND APPROACH TO A CASE OF PARAPLEGIA – PART 2	IM 18.5, IM 18.8, IM 18.9	3 hrs	Bedside Clinic & Clinical Clerkship
7	CASE PRESENTATION AND APPROACH TO A CASE OF QUADRIPLLEGIA	IM 18.5, IM 18.8, IM 18.9, PM 7.4	3 hrs	Bedside Clinic & Clinical Clerkship
8	CASE PRESENTATION TO A CASE OF BELL'S PALSY	AN 28.7	3 hrs	Bedside Clinic & Clinical Clerkship
9	CASE PRESENTATION TO A CASE OF CEREBELLAR ATAXIA – PART 1	IM 19.3	3 hrs	Bedside Clinic & Clinical Clerkship
10	AETCOM 4.8 - Unit 3		3 hrs	Bedside Clinic & Clinical Clerkship
11	CASE PRESENTATION OF APPROACH TO CASE OF CEREBELLAR ATXIA- PART 2	IM 19.3	3 hrs	Bedside Clinic & Clinical Clerkship
12	CASE PRESENTATION OF RAMSAY HUNT SYNDROME		3 hrs	Bedside Clinic & Clinical Clerkship
13	CASE PRESENTATION AND APPROACH TO A CASE OF PARKINSON'S	IM 19.4, IM 19.5, IM 19.8	3 hrs	Bedside Clinic & Clinical Clerkship
14	CASE PRESENTATION OF PARKINSON PLUS		3 hrs	Bedside Clinic & Clinical Clerkship

15	APPROACH TO A CASE OF MIGRAINE	IM 17.2 , IM 17.3, IM 17.4,IM 17.5, IM 17.10 , IM 17.12	3 hrs	Bedside Clinic & Clinical Clerkship
16	APPROACH TO A CASE OF MYASTHENIA GRAVIS		3 hrs	Bedside Clinic & Clinical Clerkship
17	SKILL LAB		3 hrs	Bedside Clinic & Clinical Clerkship
18	APPROACH TO CASE OF GBS		3 hrs	Bedside Clinic & Clinical Clerkship
19	APPROACH TO A CASE OF PERIPHERAL NEUROPATHY	PM 6.1	3 hrs	Bedside Clinic & Clinical Clerkship
20	APPROACH TO A CASE OF PERIPHERAL NEUROPATHY – 2	PM 6.1	3 hrs	Bedside Clinic & Clinical Clerkship
21	APPROACH TO A CASE OF YOUNG STROKE	IM 18.3, IM 18.4, IM 18.5, IM 18.6, IM 18.7, IM 18.7, IM 18.8, IM 18.9, IM 18.10, IM 18.11	3 hrs	Bedside Clinic & Clinical Clerkship
22	REVISION OF SPLENOMEGALY	IM 15.5,IM 25.5, IM 5.10	3 hrs	Bedside Clinic & Clinical Clerkship
23	SKILL LAB		3 hrs	Bedside Clinic & Clinical Clerkship
24	REVISION OF ASCITES	IM 5.9 , IM 5.10, IM 5.11, IM 5.15, IM 5.16	3 hrs	Bedside Clinic & Clinical Clerkship
25	REVISION OF MITRAL REGURGITATION	IM 1.1, IM 1.10, IM 1.11, IM 1.12, IM 1.13, IM 1.14,IM 1.15, IM 1.20, IM 1.22, IM 1.25	3 hrs	Bedside Clinic & Clinical Clerkship
26	REVISION OF MITRAL STENOSIS	IM 1.1, IM 1.10, IM 1.11, IM 1.12, IM 1.13, IM 1.14,IM 1.15, IM 1.20, IM 1.22, IM 1.25	3 hrs	Bedside Clinic & Clinical Clerkship
27	REVISION OF THYROID DISORDERS	IM 12.5, IM 12.6, IM 12.7, IM 12.8, IM 12.9	3 hrs	Bedside Clinic & Clinical Clerkship
28	APPROACH TO POLYARTHRITIS	IM 7.12, IM 7.15,	3 hrs	Bedside Clinic & Clinical Clerkship
29	REVISION OF JAUNDICE	PA 25.1, PA 25.6,CM3.3, PE 26.6,	3 hrs	Bedside Clinic & Clinical Clerkship
30	SKILL LAB		3 hrs	Bedside Clinic & Clinical Clerkship
31	REVISION OF CRANIAL NERVES AND HIGHER MENTAL FUNCTION	IM 18.4, PM 8.2, IM 18.6	3 hrs	Bedside Clinic & Clinical Clerkship
32	REVISION OF MOTOR SYSTEM	IM19.1, AN 7.5	3 hrs	Bedside Clinic & Clinical Clerkship
33	REVISION OF SENSORY SYSTEM	AN 7.5 , PM 6.1	3 hrs	Bedside Clinic & Clinical Clerkship
34	REVISION OF CEREBELLUM	IM 19.3	3 hrs	Bedside Clinic & Clinical Clerkship
35	REVISION OF INVOLUNTARY MOVEMENTS AND GAIT	IM19.1, IM 19.3, IM 19.7,	3 hrs	Bedside Clinic & Clinical Clerkship
36	SKILL LAB		3 hrs	Bedside Clinic & Clinical Clerkship

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester

DEPARTMENT OF GENERAL SURGERY

Lecture Schedule

Lecture no	Topic	Content	Competency	Integration
1.	Abdomen	Describe the applied anatomy of small and large intestine.	SU28.1 3	Human Anatomy
2.	Abdomen	Describe the clinical features, investigations and principles of management of disorders of small and large intestine including neonatal obstruction and Short gut syndrome	SU28.1 4	
3.	Abdomen	Describe the clinical features, investigations and principles of management of disorders of small and large intestine – intestinal obstruction I	SU28.1 4	
4.	Abdomen	Describe the clinical features, investigations and principles of management of disorders of small and large intestine – intestinal obstruction II	SU28.1 4	
5.	Abdomen	Describe the clinical features, investigations and principles of management of disorders of small and large intestine – abdominal Koch's - I	SU28.1 4	
6.	Abdomen	Describe the clinical features, investigations and principles of management of disorders of small and large intestine – abdominal Koch's - II	SU28.1 4	
7.	Abdomen	Describe the clinical features, investigations and principles of management of diseases of Appendix including appendicitis and its complications.	SU28.1 5	
8.	Abdomen	Describe the clinical features, investigations and principles of management of diseases of Appendix including appendicitis and its complications. – appendicular lump, abscess	SU28.1 5	
9.	Abdomen	Describe the clinical features, investigations and principles of management of disorders of small and large intestine: IBD	SU28.1 4	
10	Abdomen	Describe the clinical features, investigations and principles of management of disorders of small and large intestine: CA colon I	SU28.1 4	
11	Abdomen	Describe the clinical features, investigations and principles of management of disorders of small and large intestine: CA colon II	SU28.1 4	
12	Abdomen	Describe applied anatomy including congenital anomalies of the rectum and anal canal	SU28.1 6	Human Anatomy
13	Abdomen	Describe the clinical features, investigations and principles of management of common anorectal diseases- Rectal prolapse	SU28.1 7	
14	Abdomen	Describe the clinical features, investigations and principles of management of common anorectal diseases – CA rectum I	SU28.1 7	
15	Abdomen	Describe the clinical features, investigations and principles of management of common anorectal diseases – CA rectum II	SU28.1 7	
16	Abdomen	Describe the clinical features, investigations and principles of management of common anorectal diseases – Haemorrhoids, Anal fissure	SU28.1 7	

17	Abdomen	Describe the clinical features, investigations and principles of management of common anorectal diseases: Anorectal abscess, fistula in ano	SU28.1 7	
18	Abdomen	Describe the applied anatomy of liver and injuries of the liver	SU28.1 0	Human Anatomy
19	Abdomen	Describe the clinical features, Investigations and principles of management of liver abscess	SU28.1 0	
20	Abdomen	Describe the clinical features, Investigations and principles of management of hydatid disease of liver	SU28.1 0	
21	Abdomen	Describe the clinical features, Investigations and principles of management tumors of the liver	SU28.1 0	
22	Abdomen	Describe the applied anatomy of spleen, physiology and function	SU28.1 1	
23	Abdomen	Describe the clinical features, investigations and principles of management of splenic injuries	SU28.1 1	
24	Abdomen	Describe the post-splenectomy sepsis - prophylaxis	SU28.1 1	
25	Abdomen	Describe the applied anatomy of biliary system.	SU28.1 2	Human Anatomy
26	Abdomen	Describe the clinical features, investigations and principles of management of diseases of biliary system – cholelithiasis I	SU28.1 2	
27	Abdomen	Describe the clinical features, investigations and principles of management of diseases of biliary system – cholelithiasis II	SU28.1 2	
28	Abdomen	Describe the clinical features, investigations and principles of management of diseases of biliary system – bilirubin metabolism and obstructive jaundice	SU28.1 2	
29	Abdomen	Describe the clinical features, principles of investigation, prognosis and management of pancreatitis – Acute pancreatitis	SU24.1	
30	Abdomen	Describe the clinical features, principles of investigation, prognosis and management of pancreatitis – Chronic pancreatitis	SU24.1	
31	Abdomen	Describe the clinical features, principles of investigation, prognosis and management of pancreatic endocrine tumours	SU24.2	
32	Abdomen	Describe the principles of investigation and management of Pancreatic disorders - Periampullary carcinoma	SU24.3	
33	Adrenal glands	Describe the applied anatomy of adrenal glands Describe the clinical features, principles of investigation and management of Adrenal tumors	SU23.1 SU23.3	
34	Adrenal glands	Describe the applied anatomy of adrenal glands Describe the clinical features, principles of investigation and management of Adrenal tumors	SU23.1 SU23.3	
35	Urinary System	Describe the causes, investigations and principles of management of Hematuria	SU29.1	
36	Urinary System	Describe the clinical features, investigations and principles of management of congenital anomalies of genitourinary system	SU29.2	Human Anatomy
37	Urinary System	Describe the Clinical features, Investigations and principles of management of urinary tract infections	SU29.3	Microbiology
38	Urinary System	Describe the clinical features, investigations and principles of management of Hydronephrosis	SU29.4	
39	Urinary System	Describe the clinical features, investigations and principles of management of renal calculi - I	SU29.5	

40	Urinary System	Describe the clinical features, investigations and principles of management of renal calculi – II	SU29.5	
41	Urinary System	Describe the clinical features, investigations and principles of management of renal calculi – ureteric calculi	SU29.5	
42	Urinary System	Describe the clinical features, investigations and principles of management of renal tumours	SU29.6	
43	Urinary System	Describe the principles of management of acute and chronic retention of urine	SU29.7	
44	Urinary System	Describe the clinical features, investigations and principles of management of bladder cancer	SU29.8	
45	Urinary System	Describe the clinical features, investigations and principles of management of bladder cancer	SU29.8	
46	Urinary System	Describe the clinical features, investigations and principles of management of disorders of prostate - BPH	SU29.9	
47	Urinary System	Describe the clinical features, investigations and principles of management of disorders of prostate - BPH	SU29.9	
48	Urinary System	Describe the clinical features, investigations and principles of management of disorders of prostate – CA prostate	SU29.9	
49	Urinary System	Describe clinical features, investigations and management of urethral strictures	SU29.11	
50	Urinary System	Describe clinical features, investigations and management of urethral strictures – urethral injuries	SU29.11	
51	Urinary System	Describe the clinical features, investigations and principles of management of Phimosis, paraphimosis	SU30.1	
52	Urinary System	Describe the clinical features, investigations and principles of management of carcinoma penis.	SU30.1	
53	Urinary System	Describe the applied anatomy clinical features, investigations and principles of management of undescended testis.	SU30.2	Human Anatomy
54	Urinary System	Describe the applied anatomy, clinical features, investigations and principles of management of Hydrocele	SU30.5	Human Anatomy
55	Urinary System	Describe classification, clinical features, investigations and principles of management of tumours of testis	SU30.6	
56	Cardio-thoracic General Surgery- Chest - Heart and Lungs	Outline the role of surgery in the management of coronary heart disease, valvular heart diseases and congenital heart diseases	SU26.1	
57	Cardio-thoracic General Surgery- Chest - Heart and Lungs	Describe the clinical features of mediastinal diseases and the principles of management	SU26.3	
58	Cardio-thoracic General Surgery- Chest - Heart and Lungs	Describe the etiology, pathogenesis, clinical features of tumors of lung and the principles of management	SU26.4	
59	Trauma	Describe the Principles in management of mass casualties	SU17.3	
60	Trauma	Describe the pathophysiology of chest injuries.	SU17.8	
61	Trauma	Describe the clinical features and principles of management of chest injuries - Peumothorax	SU17.9	
62	Trauma	Describe the clinical features and principles of	SU17.9	

		management of chest injuries – Flail chest, Hemothorax		
63	Trauma	Describe Pathophysiology, mechanism of head injuries	SU17.4	
64	Trauma	Describe clinical features for neurological assessment and GCS in head injuries	SU17.5	
65	Trauma	Chose appropriate investigations and discuss the principles of management of head injuries - EDH	SU17.6	
66	Trauma	Chose appropriate investigations and discuss the principles of management of head injuries – SDH, SAH	SU17.6	
67	Trauma	Describe the clinical features of soft tissue injuries. Chose appropriate investigations and discuss the principles of management.	SU17.7	
68	Transplantation	Describe the immunological basis of organ transplantation Discuss the Principles of immunosuppressive therapy.	SU13.1	Microbiology Pharmacology
69	Transplantation	Enumerate Indications, describe surgical principles, management of organ transplantation	SU13.2	
70	Anesthesia and pain management	Describe principles of providing post-operative pain relief and management of chronic pain.	SU11.5	Anesthesiology

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester
DEPARTMENT of SURGERY
Small group teaching Schedule:

Sr. No.	Topic	Content	Competency No.	SGT Method*
1	Wound healing and wound care	Describe normal wound healing and factors affecting healing. Differentiate the various types of wounds, plan and observe management of wounds. (dressing trolley, wound dressing)	SU5.3 SU5.1	Practical
2	Basic Surgical Skills	Describe Surgical approaches, incisions and the use of appropriate instruments in Surgery in general.	SU14.2	Tutorial
3	Basic Surgical Skills	Describe Surgical approaches, incisions and the use of appropriate instruments in Surgery in general. (Instruments)	SU14.2	Tutorial
4	Investigation of surgical patient	Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient (introduction to radiodiagnosis – plain and contrast xrays)	SU9.1	Tutorial
5	Pre, intra and post-operative management.	Describe the principles of perioperative management of common surgical procedures (NGT insertion)	SU10.1	Skill lab
6	Nutrition and fluid therapy	Discuss the nutritional requirements of surgical patients, the methods of providing nutritional support and their complications	SU12.3	Group discussion
7	Oropharyngeal cancer	Enumerate the appropriate investigations and discuss the Principles of treatment. (Discuss - triangles of neck, cervical lymph nodes. Types and incisions for neck dissection Surgical pathology specimen)	SU20.2	Tutorial
8	Endocrine General Surgery: Thyroid and parathyroid	Describe the clinical features, classification and principles of management of thyroid cancer. (surgical pathology specimen - MNG Principles of thyroid surgery)	SU22.4	Tutorial
9	Breast	Describe the etiopathogenesis, clinical features, Investigations and principles of treatment of benign and malignant tumours of breast. Counsel the patient and obtain informed consent for treatment of malignant conditions of the breast. (surgical pathology specimen – CA breast True cut biopsy Mammography Principles of breast surgery)	SU25.3 SU25.4	Tutorial DOAP
10	Vascular diseases	Describe the applied anatomy of venous system of lower limb(Venesection Central venous catheterization)	SU27.5	Skill lab
11	Anaesthesia and pain management	Enumerate the principles of general, regional, and local Anaesthesia. (discuss common drugs)	SU11.2	Tutorial
12	Trauma	Describe the Principles in management of mass casualties (early management of trauma, trauma life support)	SU17.3	Group discussion

13	Trauma	Demonstrate Airway maintenance. (Tracheostomy)	SU17.10	Skill lab
14	Abdomen	Describe pathophysiology, clinical features, Investigations and principles of management of Hernias (surgical anatomy of inguinal hernia Surgeries for inguinal hernia)	SU28.1	Tutorial
15	Basic Surgical Skills	Describe Surgical approaches, incisions (Abdominal incisions. Exploratory laparotomy)	SU14.2	Tutorial
16	Abdomen	Describe the clinical features, investigations and principles of management of benign and malignant disorders of esophagus (surgical pathology specimen – CA esophagus Barium swallow, barium meal)	SU28.6	Tutorial
17	Abdomen	Describe and discuss the aetiology, the clinical features, investigations and principles of management of congenital hypertrophic pyloric stenosis, Peptic ulcer disease, Carcinoma stomach (surgical pathology specimen- CA stomach)	SU28.8	Tutorial
18	Abdomen	Describe the clinical features, Investigations and principles of management of liver abscess, hydatid disease, injuries and tumors of the liver (surgical pathology specimen – liver abscess)	SU28.10	Tutorial
19	Abdomen	Describe the applied anatomy of biliary system. Describe the clinical features, investigations and principles of management of diseases of biliary system (surgical pathology specimen- Gall Bladder)	SU28.12	Tutorial
20	Abdomen	Describe the clinical features, investigations and principles of management of disorders of small and large intestine (surgical pathology specimen- typhoid ulcer, tubercular ulcer)	SU28.14	Tutorial
21	Abdomen	Describe the clinical features, investigations and principles of management of disorders of small and large intestine (surgical pathology specimen – Meckel's diverticulum)	SU28.14	Tutorial
22	Abdomen	Describe the clinical features, investigations and principles of management of disorders of small and large intestine (surgical pathology specimen – intussusception)	SU28.14	Tutorial
23	Abdomen	Describe the clinical features, investigations and principles of management of disorders of small and large intestine (x rays – multiple air fluid levels, free gas under diaphragm)	SU28.14	Group discussion
24	Abdomen	Describe the clinical features, investigations and principles of management of diseases of Appendix including appendicitis and its complications. (surgical pathology specimen, Appendix)	SU28.15	Tutorial

25	Abdomen	Describe the clinical features, investigations and principles of management of common anorectal diseases (surgical pathology specimen- carcinoma colon)	SU28.17	Tutorial
26	Abdomen	Describe the clinical features, investigations and principles of management of common anorectal diseases (surgical pathology specimen- carcinoma rectum)	SU28.17	Tutorial
27	Abdomen	Describe the clinical features, investigations and principles of management of common anorectal diseases (surgical pathology specimen- polyposis coli)	SU28.17	Tutorial
28	Abdomen	Describe the clinical features, investigations and principles of management of common anorectal diseases (xray – large bowel obstruction, sigmoid volvulus, barium enema)	SU28.17	Group discussion
29	Abdomen	Describe the clinical features, investigations and principles of management of common anorectal diseases (procedure – intestinal stoma)	SU28.17	Tutorial
30	Urinary System	Describe the Clinical features, Investigations and principles of management of urinary tract . Describe the clinical features, investigations and principles of management of bladder cancer (urinary catheterization, SPC)	SU29.3 SU29.8	Skill lab
31	Urinary System	Describe the clinical features, investigations and principles of management of congenital anomalies of genitourinary system (surgical pathology specimen – polycystic kidney)	SU29.2	Tutorial
32	Urinary System	Describe the clinical features, investigations and principles of management of Hydronephrosis (surgical pathology specimen – Hydronephrosis)	SU29.4	Tutorial
33	Urinary System	Describe the clinical features, investigations and principles of management of renal tumours (surgical pathology specimen – RCC)	SU29.6	Tutorial
34	Urinary System	Describe the clinical features, investigations and principles of management of renal calculi. (plain x-ray- kidney, ureter, bladder calculi)	SU29.5	Tutorial
35	Urinary System	Describe the clinical features, investigations and principles of management of renal calculi. (X-ray – IVP)	SU29.5	Tutorial
36	Penis, Testis and scrotum	Describe the clinical features, investigations and principles of management of carcinoma penis. Surgical pathology specimen – CA penis)	SU30.1	Tutorial
37	Penis, Testis and scrotum	Describe the applied anatomy, clinical features, investigations and principles of management of Hydrocele (surgeries for hydrocele)	SU30.5	Group discussion
38	Penis, Testis and scrotum	Describe classification, clinical features, investigations and principles of management of tumours of testis	SU30.6	Tutorial

		(surgical pathology specimen – seminoma)		
39	Basic Surgical Skills	Describe the materials and methods used for surgical wound closure and anastomosis (sutures, knots and needles)	SU14.3	Practical
40	Basic Surgical Skills	Demonstrate the techniques of asepsis and suturing in a simulated environment (Suturing)	SU14.4	Skill lab
41	Pre, intra and post-operative management	Observe common surgical procedures and assist in minor surgical procedures (Incision and drainage of abscess)	SU10.3	Skill lab
42	Trauma	Describe the clinical features and principles of management of chest injuries. (chest xrays)	SU17.9	Tutorial
43	Trauma	Demonstrate Airway maintenance. Recognize and manage tension pneumothorax, hemothorax and flail chest in simulated environment (ICD insertion)	SU17.10	Skill lab
44	Pre, intra and post-operative management.	Describe the steps and obtain informed consent in a simulated environment	SU10.2	DOAP

*SGT Method-Group discussion/ Tutorial/seminar/DOAP/Practical/ skills lab

Bharati Vidyapeeth Deemed To Be University Medical College Pune

III MBBS PART II 2023-2024(CBME Curriculum)

VIII and IX Semester

DEPARTMENT OF GENERAL SURGERY

Clinical Posting Schedule:

(Total weeks:12 , 72days x 3hours per day = 216 hours)

Day of posting	Topic/s	Competency	Hours	Teaching learning method: bedside clinic/ Skills lab/ Clinical clerkship
1	Skin and subcutaneous tissue: Swelling – clinical examination	SU18.3	3	Bedside clinic
2	Skin and subcutaneous tissue: Swelling: relevant Investigations, differential diagnosis	SU18.3	3	Bedside clinic
3	Skin and subcutaneous tissue: Swelling – case presentation (Lipoma/ Dermoid cyst/ sebaceous cyst	SU18.3	3	Bedside clinic
4	Skin and subcutaneous tissue: Swelling: treatment Excision of lipoma / sebaceous cyst	SU10.3	3	Skill lab
5	Wound healing and wound care: Elicit, document and present a history in a patient presenting with wounds.	SU5.2	3	Bedside clinic
6	AETCOM Module 4.3: case studies in medico-legal and ethical situations (introduction of case) Discuss medico legal aspects of wounds	SU5.4	1 2	Clinical clerkship
7	Wound healing and wound care: Differentiate the various types of wounds, plan and observe management of wounds.	SU5.3	3	Clinical clerkship
8	Wound healing and wound care: Ulcer: differential diagnosis, clinical and pathological classification	SU5.2	3	Bedside clinic
9	Wound healing and wound care: Ulcer: case presentation – discuss investigation and treatment	SU5.3	3	Bedside clinic
10	Wound healing and wound care: Diabetic foot – case presentation discuss pathophysiology and management.	SU5.3	3	Bedside clinic

11	Vascular diseases: Describe the etiopathogenesis, clinical features, investigations and principles of treatment of occlusive arterial disease.	SU27.1	3	Bedside clinic
12	AETCOM module 4.3: case studies in medico-legal and ethical situations (Anchoring lecture) Ward rounds		1 2	Clinical clerkship
13	Vascular diseases: Demonstrate the correct examination of the vascular system and enumerate and describe the investigation of vascular disease	SU27.2	3	Bedside clinic
14	Vascular diseases: case presentation: peripheral vascular disease	SU27.2	3	Bedside clinic
15	Vascular diseases: Dry gangrene – case presentation Discuss types of gangrene	SU27.4	3	Bedside clinic
16	Vascular diseases: Amputation stump: case presentation Discuss principles of amputation	SU27.4	3	Bedside clinic
17	Vascular diseases: Varicose veins: applied anatomy and pathophysiology	SU27.5 SU27.6	3	Bedside clinic
18	AETCOM module 4.3: case studies in medico-legal and ethical situations (discussion and closure of case) Principles of management of DVT	SU27.6	1 2	Clinical clerkship
19	Vascular diseases: case presentation- varicose vein	SU27.6	3	Bedside clinic
20	Vascular diseases: case presentation: varicose ulcer	SU27.6	3	Bedside clinic
21	Vascular diseases: Management of varicose veins and its complications	SU27.6	3	Clinical clerkship
22	Oropharyngeal cancer: etiopathogenesis, symptoms and signs	SU20.1	3	Bedside clinic
23	Oropharyngeal cancer: investigations and principles of treatment	SU20.2	3	Bedside clinic

24	End of posting exam			
25	Oropharyngeal cancer: case presentation – CA oral cavity	SU20.1	3	Bedside clinic
26	Cervical lymphadenopathy: Differential diagnosis, investigation and management	SU27.8	3	Bedside clinic
27	Case presentation: Tuberculous / metastatic Cervical lymphadenopathy	SU20.2	3	Bedside clinic
28	Disorders of salivary glands: clinical presentation, investigation and principles of treatment	SU21.1	3	Bedside clinic
29	Disorders of salivary glands Case presentation: parotid tumor	SU21.1	3	Bedside clinic
30	AETCOM module 4.5: Case studies in ethics: the doctor-industry relationship (introduction of case) Ward rounds		1 2	 Clinical clerkship
31	Penis, Testis and scrotum: Scrotal swelling: clinical features, investigations and management	SU30.3 SU30.4 SU30.5	3	Bedside clinic
32	Penis, Testis and scrotum: Scrotal swelling- history taking And examination	SU30.3 SU30.4 SU30.	3	Bedside clinic
33	Penis, Testis and scrotum: Scrotal swelling D/D – hydrocele, varicocele, Epididymoorchitis, epididymal cyst	SU30.3 SU30.4	3	Bedside clinic
34	Penis, Testis and scrotum: Case presentation: Hydrocele	SU30.5	3	Bedside clinic
35	Abdomen: Inguinal hernia - pathophysiology and principals of management	SU28.1	3	Bedside clinic
36	AETCOM module: Case studies in ethics: the doctor-industry relationship (Anchoring lecture) Ward rounds		1 2	 Clinical clerkship
37	Abdomen: Case presentation: inguinal hernia -to differentiate between direct and indirect hernia	SU28.2	3	Bedside clinic

38	Abdomen: Ventral hernia: etiopathogenesis and different types	SU28.2	3	Bedside clinic
39	Abdomen: Case presentation: umbilical / paraumbilical hernia	SU28.2	3	Bedside clinic
40	Abdomen: Case presentation: epigastric hernia	SU28.2	3	Bedside clinic
41	Abdomen: Case presentation: Incisional hernia Discuss etiological factors and treatment options	SU28.2	3	Bedside clinic
42	AETCOM module: Case studies in ethics: the doctor-industry relationship (discussion and closure of case) Complications of hernia	SU28.1	1 2	Clinical clerkship
43	Breast: CA breast examination and management (discuss mammography, FNAC, true cut biopsy)	SU25.1 SU25.3	3	Bedside clinic
44	Breast: Demonstrate the correct technique to palpate the breast for breast swelling in a mannequin or equivalent.	SU25.5	3	Skill lab
45	Breast: Case presentation: benign breast lump	SU25.2	3	Bedside clinic
46	Breast: Case presentation: CA breast	SU25.3	3	Bedside clinic
47	Endocrine General Surgery: Thyroid - Demonstrate and document the correct clinical examination of thyroid swellings and discuss the differential diagnosis and their management	SU22.3	3	Bedside clinic
48	End of posting exam			
49	Endocrine General Surgery: Thyroid Case presentation: Multinodular goitre	SU22.3	3	Bedside clinic
50	Endocrine General Surgery: Thyroid Case presentation: SNT/ thyroid	SU22.4	3	Bedside clinic

	carcinoma			
51	Endocrine General Surgery: Thyroid Thyroidectomy: complications and management	SU22.4	3	Clinical clerkship
52	Case presentation: other neck swellings- thyroglossal cyst, Dermoid cyst etc.		3	Bedside clinic
53	Abdomen: Describe and demonstrate clinical examination of abdomen. Order relevant investigations. Describe and discuss appropriate treatment plan Demonstrate the correct technique of examination of a patient with disorders of the stomach	SU28.18 SU28.9	3	Bedside clinic
54	Abdomen: Abdominal lump: approach to the case and differential diagnosis	SU28.18	3	Bedside clinic
55	Abdomen: Abdominal lump: case presentation	SU28.18	3	Bedside clinic
56	Abdomen: Abdominal lump: case presentation	SU28.18	3	Bedside clinic
57	Abdomen: Abdominal lump: management as per differential diagnosis	SU28.18	3	Clinical clerkship
58	Abdomen: Case presentation: Intestinal stoma Indications, procedure and complications	SU28.14	3	Bedside clinic
59	Abdomen: Intestinal stoma: stoma care	SU28.14	3	Clinical clerkship
60	Urinary System: Demonstrate a digital rectal examination of the prostate in a mannequin or equivalent	SU29.10	3	Skill lab Clinical clerkship
61	Minimally invasive General Surgery: Describe indications advantages and disadvantages of Minimally invasive General Surgery	SU16.1	3	Skill lab

62	Abdomen: Describe causes, clinical features, complications and principles of management of peritonitis	SU28.3	3	Clinical clerkship
63	Revision: swellings / Ulcer	SU18.3 SU5.2	3	Bedside clinic
63	Revision: peripheral vascular disease	SU27.2	3	Bedside clinic
64	Revision: varicose vein	SU27.6	3	Bedside clinic
65	Revision: breast examination	SU25.3	3	Bedside clinic
66	Revision: Goitre	SU22.3	3	Bedside clinic
68	Revision: scrotal swellings	SU30.5	3	Bedside clinic
69	Revision: inguinal hernia	SU28.2	3	Bedside clinic
70	Revision: ventral hernia	SU28.2	3	Bedside clinic
71	Revision: abdominal lump examination	SU28.18	3	Bedside clinic
72	End of posting examination			

- Students will apply their knowledge during their clinical posting
- Student will enter case record in journal and skill competency in logbook
- Students will write reflection of AETCOM modules in log book

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)

DEPARTMENT OF OBSTETRICS & GYNAECOLOGY
VIII and IX Semester

Lecture Schedule

Lect. no.	Topic	Content	Competency	Integration
1	Multiple Pregnancies	Multiple Pregnancy: Etiopathology, Clinical features, Diagnosis and Investigations	OG11.1	
2	Multiple Pregnancies	Multiple Pregnancy: Complications and Management	OG11.1	
3	Medical Disorders in Pregnancy	Hypertensive Disorders in Pregnancy: Definition, Classification and Patho-Physiology, Early Detection.	OG12.1	Medicine
4	Medical Disorders in Pregnancy	Hypertensive Disorders in Pregnancy: Investigations, Complications and Management	OG12.1	Medicine
5	Medical Disorders in Pregnancy	Hypertensive Disorders in Pregnancy: Eclampsia	OG12.1	Medicine
6	Medical Disorders in Pregnancy	Anaemia: Definition, Classification, Aetiology, Patho-Physiology and Diagnosis	OG12.2	Medicine
7	Medical Disorders in Pregnancy	Anaemia: Adverse effects in mother and foetus, management and complications	OG12.2	Medicine
8	Medical Disorders in Pregnancy	Diabetes in Pregnancy: Definition, Classify, Aetiology, Patho-Physiology, investigations and criteria	OG12.3	Medicine
9	Medical Disorders in Pregnancy	Diabetes in Pregnancy: Adverse effects on mother and foetus, management and complications	OG12.3	Medicine
10	Medical Disorders in Pregnancy	Heart Disease in Pregnancy:	OG12.4	Medicine
11	Medical Disorders in Pregnancy	Urinary Tract infection in Pregnancy	OG12.5	
12	Medical Disorders in Pregnancy	Liver Disease in Pregnancy	OG12.6	Medicine
13	Medical Disorders in Pregnancy	HIV in Pregnancy	OG12.7	Medicine
14	Medical Disorders in Pregnancy	Rh iso-immunization in Pregnancy	OG12.8	
15	Medical Disorders in Pregnancy	Pre Conception Counselling in High Risk Pregnancy	OG5.1	
16	Labour	Pain Relief in Labour	OG13.1	Anesthesiology
17	Labour	Induction and Augmentation of labour	OG13.1	

18	3 rd Stage complications	Post-Partum Haemorrhage: Definition, Classification, Prevention	OG16.1	
19	3 rd Stage complications	Post-Partum Haemorrhage: Medical and Surgical Management	OG16.1	
20	3 rd Stage complications	Rupture Uterus: Causes, Diagnosis and Management	OG14.3	
21	3 rd Stage complications	Uterine inversion: causes, prevention, diagnosis and management	OG16.2	
22	Abnormal Labor	Intra Uterine Growth Retardation	OG16.3	
23	Labor	Monitoring of fetal well being	OG16.3	
24	Uterine Prolapse	Prolapse I: Supports of Uterus & Aetiology of Prolapse	OG31.1	
25	Uterine Prolapse	Prolapse II: Classification & Clinical Features including Decubitus ulcer	OG31.1	
26	Uterine Prolapse	Prolapse III: Diagnosis, Investigations and Principles of Management & Prevention	OG31.1	
27	Uterine Prolapse	Conservative Surgeries for Prolapse: Indications & Principles of Surgeries	OG31.1	
28	Menopause	Menopause: Physiology, Symptoms, Investigations	OG32.1	
29	Menopause	Menopause: Prevention, Management & HRT	OG32.1	
30	Menopause	Post-Menopausal Bleeding: Causes and Management	OG32.2	
31	Benign and Pre-Malignant Lesions of Cervix	Screening of Ca Cervix	OG33.4	
32	Benign and Pre-Malignant Lesions of Cervix	Pre-Malignant & Benign Lesions of Cervix [CIN] and HPV, HPV Vaccine	OG33.2	
33	Benign and Pre-Malignant Lesions of Cervix	Ca Cervix I: Aetiology, Pathology, Clinical Features, Differential Diagnosis	OG33.1	
34	Benign and Pre-Malignant Lesions of Cervix	Ca Cervix II: Investigations & Staging	OG33.1	
35	Benign and Pre-Malignant Lesions of Cervix	Ca cervix III: Principles of Surgery and Radiotherapy	OG33.2	
36	Benign and Malignant Diseases of Uterus and Ovaries	Ca Endometrium	OG34.1	
37	Benign and Malignant Diseases of Uterus and Ovaries	Ca Ovary I: Etiology, Pathology, Classification	OG34.2	
38	Benign and Malignant Diseases of Uterus and Ovaries	Ca Ovary II: Clinical Features, Staging, Management Principles	OG34.2	

39	Benign and Malignant Diseases of Uterus and Ovaries	Gestational Trophoblastic Disease	OG34.3	
40	Genital Infections	Genital Tuberculosis: Etio-pathogenesis, CF, DD, Investigation, Management and long term implications	OG27.2	Pulmonary Medicine
41	Genital Infections	PID: Etio-pathogenesis, CF, DD, Investigation, Management and long term implications	OG27.4	
42	Antenatal Care & Complications in Early Pregnancy	Vaccination in Pregnancy	OG8.7	Pediatrics
43	Antenatal Care & Complications in Early Pregnancy	Role of Ultrasound in initial assessment and monitoring of Pregnancy	OG8.8	Radiology
44	Antenatal Care & Complications in Early Pregnancy	Clinical Features, Investigation, Diagnosis and Management of Abortions	OG9.1	
45	Antenatal Care & Complications in Early Pregnancy	Ectopic Pregnancy	OG9.3	
46	Antenatal Care & Complications in Early Pregnancy	Hyperemesis Gravidarum	OG9.5	
47	Abnormal Labor	Preterm Labour: Definition, Causes, Patho-Physiology, Diagnosis, Investigation & Management	OG13.2	
48	Abnormal Labor	PROM & Post-Dated Pregnancy	OG13.2	
49	Abnormal Labor	Obstructed Labour: Clinical Features, Prevention and Management	OG14.2	
50	Infertility	Infertility: Causes, Types, CF, Differential Diagnosis, Baseline Investigations including semen analysis	OG28.1	
51	Infertility	Infertility Investigations: Tubal Patency Tests & Restoration of tubal patency	OG28.2	
52	Infertility	Infertility: Ovulation Induction drugs, principles and monitoring	OG28.3	
53	Infertility	Assisted Reproductive Techniques	OG28.4	
54	PCOS and Hirsutism	PCOS: Etio-pathogenesis, Clinical Features, Diagnosis & Investigations, Management long term complications	OG30.1	
55	Uterine Fibroids	Fibroid I: Aetiology, Pathology, CF, DD	OG29.1	
56	Uterine Fibroids	Fibroid II: Investigations, Management Principles & Complications including degenerations	OG29.1	

57	Endometriosis	Endometriosis I: Etiopathogenesis, Theories, Clinical Features	OG26.1	
58	Endometriosis	Endometriosis II: Management, Health & Fertility Implications. Adenomyosis.	OG26.1	
59	Operative Obstetrics & Gynaecology	Laparoscopy & Hysteroscopy in Gynaecology	OG34.4	
60	Operative Obstetrics & Gynaecology	Assisted Breech Delivery & External Cephalic Version: Indications, Technique and Complications	OG15.1	
61	Operative Obstetrics & Gynaecology	Dermoid cyst & Torsion Ovary	OG34.2	
62	Antepartum haemorrhage	Define, Classify APH. Aetiology, pathogenesis, clinical features and management of Placenta Previa	OG10.1	
63	Antepartum haemorrhage	Aetiology, pathogenesis, differential diagnosis, clinical features and management of Placental Abruptio	OG10.1	
64	Lactation	Breast Feeding: Technique, Importance, Care of Breasts, Self Breast Examination	OG17.2	Pediatrics
65	Lactation	Mastitis & Breast abscess: Clinical features, diagnosis and Management	OG17.3	Pediatrics
66	Abnormal Puerperium	Puerperal pyrexia and Puerperal Sepsis	OG19.1	
67	Genital Infections	HIV: Etio-pathogenesis, CF, DD, Investigation, Management and long term implications	OG27.3	Medicine
68	Amenorrhea	Primary Amenorrhea: Definition, Diagnosis, CF, Investigations and Management Principles	OG25.1	
69	Amenorrhea	Secondary Amenorrhea: Definition, Diagnosis, CF, Investigations and Management Principles	OG25.1	
70	Operative Obstetrics	Cervical Cerclage: Indications, Procedure, Complications	OG15.1	
	Total hours			70

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
DEPARTMENT OF OBSTETRICS & GYNECOLOGY
VIII and IX Semester
Small group teaching Schedule:

Sr. No.	Topic	Content	Competency No.	SGT Method*
1	Diagnosis of Pregnancy & Antenatal Care	Diagnosis of Pregnancy including Differential Diagnosis	OG6.1	Group discussion
2	Diagnosis of Pregnancy & Antenatal Care	Screening of High Risk Pregnancy	OG8.1	Group discussion
3	Diagnosis of Pregnancy & Antenatal Care	Investigations in Pregnancy including Ultrasound	OG8.8	Group discussion
4	Diagnosis of Pregnancy & Antenatal Care	DOAP Pelvic assessment on Model and Maternal Pelvis	OG8.5	DOAP
5	Diagnosis of Pregnancy & Antenatal Care	Vaccination in Pregnancy	OG8.7	Group discussion
6	Diagnosis of Pregnancy & Antenatal Care	Nutrition in Pregnancy	OG8.6	Seminar
7	Complications in early pregnancy	Classify abortions, aetiology and management of First Trimester Abortions	OG9.1	Group discussion
8	Complications in early pregnancy	2 nd Trimester abortions and Cervical Cerclage	OG9.1	Group discussion
9	Complications in early pregnancy	MTP D&E technique, instruments, complications DOAP	OG9.2	Group discussion
10	Complications in early pregnancy	Acute Abdomen in Pregnancy DD & Ectopic Pregnancy Case Scenario, Investigation and Management Principles	OG9.3	Tutorial
11	Complications in early pregnancy	Hydatidiform Mole with Specimen and Drug [Methotrexate]	OG9.4	Tutorial
12	Complications in early pregnancy	Hyperemesis Gravidarum Investigations and Management Principles	OG9.5	Tutorial
13	Antepartum Haemorrhage	APH: Definition, Causes Placenta Previa	OG10.1	Group discussion
14	Antepartum Haemorrhage	APH: Placental Abruptio	OG10.1	Group discussion
15	Antepartum Haemorrhage	Blood Products in ObGY, Indications and Complications. Overview of DIC.	OG10.2	Seminar
16	AUB, Amenorrhea	Define, Classify AUB with PALM-COEIN	OG24.1	Group discussion
17	AUB, Amenorrhea	Drugs and Conservative surgeries in AUB	OG24.1	Group discussion
18	AUB, Amenorrhea	Primary & Secondary Amenorrhea	OG25.1	Group discussion

19	Uterine Fibroids & Adenomyosis	Fibroid uterus: Case scenario, clinical features, diagnosis	OG29.1	Group discussion
20	Uterine Fibroids & Adenomyosis	Fibroid: Specimen, Management including Myomectomy	OG29.1	Group discussion
21	Uterine Fibroids & Adenomyosis	Adenomyosis: Specimen and Case Sheet	OG26.1	Group discussion
22	Uterine Fibroids & Adenomyosis	Endometriosis: Clinical Presentation and Drugs	OG26.1	Group discussion
23	Genital Infections	Sexually Transmitted Infections & HIV in Pregnancy	OG27.1	Tutorial
24	Genital Infections	Genital Tuberculosis	OG27.2	Tutorial
25	Genital Infections	Pelvic Inflammatory Diseases	OG27.3	Tutorial
26	Physiology of Conception & Multiple Pregnancies	Placenta and Abnormalities of Placenta	OG4.1	Seminar
27	Physiology of Conception & Multiple Pregnancies	Multiple Pregnancy	OG11.1	Group discussion
28	Medical Disorders in Pregnancy	HDP: Classification, Clinical Features and Investigations	OG12.1	Group discussion
29	Medical Disorders in Pregnancy	HDP: Management Drugs	OG12.1	Group discussion
30	Medical Disorders in Pregnancy	Anemia in Pregnancy	OG12.2	Group discussion
31	Medical Disorders in Pregnancy	Gestational Diabetes Mellitus	OG12.3	Group discussion
32	Medical Disorders in Pregnancy	Heart Disease in Pregnancy	OG12.4	Group discussion
33	Medical Disorders in Pregnancy	Urinary Tract infection in Pregnancy	OG12.5	Group discussion
34	Medical Disorders in Pregnancy	Liver Disease in Pregnancy including IHCP	OG12.6	Group discussion
35	Medical Disorders in Pregnancy	Rh Negative Pregnancy	OG12.8	Group discussion
36	Medical Disorders in Pregnancy	HIV in Pregnancy	OG12.7	Group discussion
37	Medical Disorders in Pregnancy	Fetal Growth Restriction	OG16.3	Group discussion
38	Medical Disorders in Pregnancy	Puerperal Pyrexia and Sepsis	OG19.1	Group discussion
39	Abnormal Lie and Presentation, Maternal Pelvis	Maternal Pelvis with Diameters and Types	OG14.1	DOAP
40	Abnormal Lie and Presentation, Maternal Pelvis	Obstructed Labor: Diagnosis, Prevention and Management	OG14.2	Tutorial
41	Abnormal Lie and Presentation, Maternal Pelvis	Rupture Uterus and Inversion of Uterus	OG14.3	Group discussion
42	Abnormal Lie and Presentation, Maternal Pelvis	Breech Presentation	OG15.2	Group discussion

43	Abnormal Lie and Presentation, Maternal Pelvis	Pre-Term Labour and PROM	OG13.2	Group discussion
44	Operative Obstetrics	Caesarean Section: Indications & Procedure	OG15.1	Tutorial
45	Operative Obstetrics	Forceps and Vacuum Delivery	OG15.2	Tutorial
46	Vaginal Discharge	Vaginitis: Types, Discharge, Features and Treatment	OG22.2	Group discussion
47	Prolapse, Ca Cervix & Menopause	Case Discussion on Prolapse I	OG31.1	Group discussion
48	Prolapse, Ca Cervix & Menopause	Case Discussion on Prolapse II [Conservative Surgeries]	OG31.1	Group discussion
49	Prolapse, Ca Cervix & Menopause	Post-Menopausal Bleeding	OG32.2	Group discussion
50	Prolapse, Ca Cervix & Menopause	Screening of Cancer Cervix	OG33.4	DOAP
51	Prolapse, Ca Cervix & Menopause	Staging and Management of Cancer Cervix	OG33.1	Group discussion
52	Demographics	Birth Rate, Maternal Mortality and Perinatal Mortality	OG1.1	Group discussion
53	Demographics	Stillbirths causes & Fetal Autopsy	OG1.3	Group discussion
54	Newborn	Care of Newborn including resuscitation and Diagnosis of Birth Asphyxia	OG18.3	Group discussion
55	Puberty	Puberty disorders	OG23.1	Tutorial
56	Complications in Third Stage of labour	PPH: Causes, Definition, Drug Treatment of Atonic PPH	OG16.1	Group discussion
57	Complications in Third Stage of labour	PPH: Traumatic and Surgical Management of PPH	OG16.1	Group discussion
58	Labour & Operative Obstetrics	Physiology of Normal Labor & Stages of Labour	OG13.1	Group discussion
59	Labour & Operative Obstetrics	Mechanism Of Labor in Occipito-anterior position	OG13.1	DOAP
60	Labour & Operative Obstetrics	Management of First and Second Stage of Labour	OG13.1	Group discussion
61	Labour & Operative Obstetrics	Management of third stage of Labour	OG13.1	Group discussion
62	Labour & Operative Obstetrics	Indications and Suturing of Episiotomy	OG15.1	Group discussion
63	Antenatal Care	Monitoring of Maternal and Fetal Well-being	OG8.4	Group discussion
64	Antenatal Care	Role of Ultrasound and Doppler in Obstetrics	OG16.3	Group discussion
65	Lactation	Counselling of Breast Feeding in a Simulated Environment DOAP	OG17.2	DOAP

*SGT Method-Group discussion/ Tutorial/seminar/DOAP/Practical/ skills lab
1 session: 2.30hrs

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)

DEPARTMENT OF Obstetrics & Gynecology

VIII and IX Semester

Clinical Posting Schedule:

(Total weeks: 12, 72days x 3hours per day = 216 hours)

Day of posting	Topic/s	Competency	Hours	Teaching learning method: bedside clinic/ Skills lab/ Clinical clerkship
1	History taking in Obstetrics & Gynecology including Immunization,	OG5.1, OG 5.2, OG 8.1, OG8.2	3	Clinical Clerkship & Bed Side clinic
2	Investigations and Examination of Antenatal Patient, Arriving at Provisional Diagnosis	OG5.1, OG 8.1, OG35.1	3	Bed Side clinic
3	Emergency Situations in Obs & Gyn, Stabilization, emergency treatment and referral to tertiary centres. MOEWS chart	OG35.3	3	Bed Side clinic
4	Identification of Pre-Existing medical disorders and high Risk Pregnancy	OG 35.1	3	Bed Side clinic Clinical Clerkship
5	Ethics in aspects of Medical Practice, Interpersonal & Communication skill in discussion of illness and outcome with patient and family, Importance of informed consent.	OG35.4, OG35.6, OG35.7	3	Bed Side clinic
6	Diagnosis of pregnancy	OG6.1	3	Bed Side clinic
7	Clinical Monitoring of Maternal & Fetal Wellbeing	OG 8.3, OG8.4	3	Bed Side clinic
8	AETCOM	4.1	3	Bed Side clinic
9	AETCOM	4.2	3	Bed Side clinic
10	Steps of MTP evacuation [DnE]	OG9.2	3	Bed Side clinic
11	Multiple Pregnancy	OG11.1	3	Bed Side clinic
12	Pre Eclampsia: Detection & Investigation	OG 12.1	3	Bed Side clinic
13	Pre Eclampsia: Principles of management & Complications	OG 12.1	3	Clinical Clerkship
14	Anaemia in Pregnancy	OG 12.2	3	Bed Side clinic
15	Diabetes in Pregnancy GDM	OG12.3	3	Bed Side clinic

16	Heart Disease in Pregnancy	OG12.4	3	Bed Side clinic
17	Urinary tract infection in Pregnancy, Complications and Management	OG12.5	3	Bed Side clinic
18	Liver Disease in Pregnancy	OG12.6	3	Bed Side clinic
19	HIV in Pregnancy: Effect and Impact of disease including effect on newborn	OG12.7	3	Bed Side clinic
20	Rh-isoimmunization	OG12.8	3	Bed Side clinic
21	Preterm Labor, PPROM	OG13.2	3	Bed Side clinic
22	Post-Dated & Post-Term Pregnancy, Induction of Labor including drugs	OG13.2	3	Bed Side clinic
23	Maternal Pelvis & Fetal Skull	OG14.1	3	Skills Lab
24	End of Posting Examination		3	
25	Normal Labor: Stages and Management	OG14.2	3	Bed Side clinic
26	Abnormal Labor and Partograph	OG14.4	3	Bed Side clinic
27	Rupture Uterus, Post LSCS Pregnancy	OG14.3	3	Bed Side clinic
28	Episiotomy: Indications, Technique, Suturing & Complications	OG15.1	3	Bed Side clinic
29	Forceps & Vacuum Delivery	OG15.2	3	Bed Side clinic
30	Steps & Indications of LSCS	OG 15.2	3	Bed Side clinic
31	PPH: Atonic PPH with Drugs	OG16.1	3	Bed Side clinic
32	PPH: Traumatic with Blood Component in PPH	OG16.1	3	Bed Side clinic
33	Uterine Inversion: Causes, Prevention and Mgt. Collapse in Post-Partum Women	OG16.2	3	Bed Side clinic
34	Fetal Growth Restriction	OG16.3	3	Bed Side clinic
35	Puerperium: Case based discussion	OG19.1	3	Bed Side clinic Clinical Clerkship
36	Counseling of a post-partum women for contraception, tubal ligation, steps of tubal ligation and technique	OG19.1, OG19.2, OG19.3	3	Clinical Clerkship

37	Vaginal Infections: Clinical Diagnosis, Management Genital Hygiene.	OG22.2	3	Bed Side clinic
38	Puberty: Abnormalities, common problems and management	OG23.1	3	Bed Side clinic
39	Infertility: Causes, Clinical Features, Tubal Patency Tests, Instruments	OG 28.1, OG28.2	3	Bed Side clinic
40	Infertility: Ovulation induction Drugs, Overview of ART	OG28.3, OG28.4	3	Bed Side clinic
41	Fibroids: Symptoms, Management, Model and Specimen	OG29.1	3	Bed Side clinic
42	Adenomyosis, AUB: Case discussion, Specimen, Myomectomy	OG 29.1	3	Bed Side clinic
43	Prolapse, POP-Q with Decubitus ulcer	OG31.1	3	Bed Side clinic
44	Young Prolapse with conservative surgeries, Pessary	OG31.1	3	Bed Side clinic
45	Post-Menopausal Bleeding and HRT	OG32.1, OG32.2	3	Bed Side clinic
46	DnC, DnE, Fractional Curettage, Cervical biopsy	OG34.4, OG37.4, OG37.5, OG36.3	3	Bed Side clinic
47	Indications, Steps, complications of Abdominal & Vaginal hysterectomy.	OG34.4	3	Bed Side clinic
48	End of Posting Examination		3	
49	Screening of Ca Cervix, Etiology, Clinical Features, Investigations & Staging	OG33.1, OG33.4	3	Bed Side clinic
50	Ca Cervix: Surgical Management, Radiotherapy, HPV vaccine	OG33.2	3	Bed Side clinic
51	Case based discussion on Benign and malignant ovarian tumors including staging laparotomy	OG 34.1, OG34.2	3	Bed Side clinic
52	Role of Laparoscopy and Hysteroscopy, Robotic Surgery Overview	OG38.1, OG38.2	3	Bed Side clinic

53	Diagnose & Provide Emergency Management of antepartum and postpartum hemorrhage in simulated/guided environment	OG35.16	3	Bed Side clinic Clinical Clerkship
54	Instruments and Techniques for LSCS, Tubal Ligation, Hysterectomy, Laparotomy	OG37.1, OG37.2, OG37.3	3	Bed Side clinic
55	Forceps & Vacuum Delivery. Instruments in LR: Sims, Sponge Holder, Kochers, Cord Cutting scissor, cord clamp,	OG36.6	3	Bed Side clinic
56	Specimens: Abortus, Anencephaly, Placenta, Vesicular Mole, uterine anomalies, Polyps	OG29.1, OG34.3,	3	Bed Side clinic
57	Plan and institute a line of treatment which is need based, cost effective and appropriate for common conditions taking into consideration: Patient, Disease, Socio-economic status and Government/Institutional guidelines [Pre-Eclampsia, Anemia, Post LSCS pregnancy, 3FGr]	OG36.1	3	Bed Side clinic Clinical Clerkship
58	Discussion on Antenatal, Post-natal, well baby and family welfare clinics. Drugs on Contraception, Hematinic	OG36.2	3	Bed Side clinic
59	Observe n Assist LSCS. Discuss Post LSCS Pregnancy	OG37.1	3	Bed Side clinic
60	Laparoscopic Sterilization, Instruments for Abdominal Sterilization	OG38.3	3	Bed Side clinic
61	Instruments, Procedure for First Trimester MTP	OG37.7	3	Bed Side clinic
62	Malpresentations: Breech & Transverse Lie	OG15.2	3	Bed Side clinic
63	PPH: Drugs, Surgeries, Tamponade	OG16.1	3	Bed Side clinic
64	Role of Ultrasonography and Doppler in Obstetrics	OG16.3	3	Bed Side clinic
65	IUCD: Insertion and removal on simulator	OG19.4	3	Skills Lab

66	Vaginitis: Clinical Features and Management. PID Clinical features and Mgt	OG22.2	3	Bed Side clinic
67	Bartholins cyst, Bartholins abscess and Gartners Cyst	OG22.2	3	Bed Side clinic
68	Polycystic Ovarian Syndrome & Hyperandrogenism	OG30.1, OG30.2	3	Bed Side clinic
69	Examination of cervix and vagina [uses of Sims Speculum, Cusco's speculum, AV retractor, Uterine Sound]	OG35.1	3	Bed Side clinic
70	Urinary Catheterization: Technique, Uses, Indications, Side Effects	OG35.17	3	Bed Side clinic
71	Issue proper medical certificate to various patients. Discuss the Discharge summary and its importance	OG38.4	3	Bed Side clinic
72	End of Posting Examination		3	

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
DEPARTMENT OF ORTHOPAEDICS
VIII semester
Lecture schedule

Sr. No	Topic	Orthopedics Competancy	Orthopedics Competancy Number
1.	Osteo Articular TB – Hip - & Knee	Musculoskeletal Infection Skeletal Tuberculosis	OR3.1 OR4.1
2.	Acute & Chronic Osteomyelitis	Musculoskeletal Infection	OR3.1
3.	Osteoporosis	Metabolic bone disorders	OR7.1
4.	Pott's spine	Skeletal Tuberculosis	OR4.1
5.	Peripheral Nerve Injuries of Upper limb	Peripheral nerve injuries	OR11.1
6.	Peripheral Nerve Injuries of Lower limb	Musculoskeletal Infection	OR3.1
7.	Benign Bone Tumours & Malignant Bone Tumours	Bone Tumours	OR10.1
8.	Prolapsed intervertebral disc & Lumbar Canal Stenosis	Degenerative disorders	OR6.1
9.	CTEV	Congenital lesions	OR12.1
10.	DDH	Congenital lesions	OR12.1

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
DEPARTMENT OF ORTHOPAEDICS
IX semester

Lecture schedule

	Topic	Orthopedics Competancy	Orthopedics Competancy Number	Integration
1.	Rickets	Metabolic Bone disorders	OR 7.1	
2.	Perthes Disease	Congenital lesions	OR 12.1	
3.	Mal-Unions of Fractures	Fractures	OR 2.15	
4.	Proximal Femur Fractures	Fractures	OR 2.1	
5.	Supracondylar Humours Fractures in Children's	Fractures	OR 2.4	
6.	Sero Negative Spondylo Arthropathies	Rheumatoid Arthritis and associated inflammatory	OR 5.1	
7.	Post-Polio Residual Paralysis	Poliomyelitis	OR 8.1	
8.	Rheumatoid Arthritis	Rheumatoid Arthritis and associated inflammatory	OR 5.1	Medicine
9.	Cerebral Palsy	Cerebral Palsy	OR 9.1	Paediatrics
10.	Non-Unions of Fractures	Fractures	OR 2.15	
11.	Acute Pyogenic / Septic Arthritis	Musculoskeletal Infection	OR 3.1	

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
DEPARTMENT OF ORTHOPAEDICS
VIII Semester
SMALL GROUP TEACHING SCHEDULE

Sr. No.	Topic	Content	Competency No.	SGT Method*
1	Osteology of Upper Limb	Fractures Human Anatomy Human Anatomy	OR2.5 AN8.4 AN8.6	
2	Osteology of Lower Limb	Fractures Human Anatomy Human Anatomy	OR2.5 AN8.4 AN8.6	
3	Osteology of Spine	Fractures Human Anatomy Human Anatomy	OR2.5 AN8.4 AN8.6	
4	Osteology of Shoulder and Pelvic Girdle	Fractures Human Anatomy Human Anatomy	OR2.5 AN8.4 AN8.6	
5	Tourniquet	Procedural Skills	OR13.1	
6	Plaster Techniques	Skeletal Trauma, Poly trauma Skeletal Trauma, Poly trauma Skeletal Trauma, Poly trauma Procedural Skills Procedural Skills	OR1.6 OR2.15 OR2.16 OR13.1 OR13.2	
7	X-Ray's Upper Limb	Skeletal Trauma, Poly trauma	OR2.15	
8	X-Ray's Lower Limb	Skeletal Trauma, Poly trauma	OR2.15	
9	X-Ray's Spine + Pelvis	Skeletal Trauma, Poly trauma	OR2.15	
10	Implants Plates + Screws	Skeletal Trauma, Poly trauma	OR2.15	

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
IX Semester
DEPARTMENT of ORTHOPAEDICS

SMALL GROUP TEACHING SCHEDULE

Sr. No.	Topic	Content	Competency No.	SGT Method*
1	Implants Nails	Procedural Skills	OR13.1	
2	Specimens	Musculoskeletal Infection Musculoskeletal Infection Bone Tumors Counselling Skills Counselling Skills	OR3.1 OR3.3 OR10.1 OR14.2 OR14.3	
3	Nerve Examination Upper Limb	Peripheral nerve injuries	OR11.1	
4	Nerve Examination Lower Limb	Peripheral nerve injuries	OR11.1	
5	Traction Devices & systems in Orthopaedics	Skeletal Trauma, Poly trauma Procedural Skills Procedural Skills Counselling Skills	OR2.16 OR13.1 OR13.2 OR14.1	
6	Orthotics & Prosthetics	Counselling Skills Counselling Skills	OR14.1 OR14.2	
7	Implants External Fixator + UMEX	Fractures Procedural Skills Counselling Skills	OR2.16 OR13.1 OR14.1	
8	Hip & Knee Examination, Examination of Non Union / malunion and chronic osteomyelitis	Skeletal Trauma, Poly trauma	OR2.15	

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
DEPARTMENT of ORTHOPAEDICS
VIII and IX Semester
Clinical Posting Schedule:

(Total weeks:2, 12days x 3hours per day = 36 hours)

Day of posting	Topic/s	Competency	Hours	Teaching learning method: bedside clinic/ Skills lab/ Clinical clerkship
1.	Ulnar Nerve Palsy + Median Nerve Palsy	OR 2.15 OR 11.1	3 hours	Bedside Clinic /
2.	Radial Nerve Palsy	OR 2.15 OR 11.1	3 hours	Clinical Clerkship
3.	CTEV	OR 12.1	3 hours	Bedside Clinic /
4.	Infected Non Union Fracture Shaft Of Tibia Fibula	OR 2.15 OR 2.16	3 hours	Bedside Clinic /
5.	Genu Varum Deformity Of Knees	OR 7.1	3 hours	Bedside Clinic /
6.	Internal Derangement Of Knee ACL Tear	OR 1.6 OR 2.3 OR 3.2 OR 13.1	3 hours	Clinical Clerkship
7.	Genu Valgum Deformity Of Knees	OR 7.1	3 hours	Clinical Clerkship
8.	Malunited Fracture Lower End Radius	OR 2.15	3 hours	Bedside Clinic / Clinical Clerkship
9.	Foot Drop	OR 2.15 OR 11.1	3 hours	Bedside Clinic /
10.	Osteochondroma Lower End Femur	OR 10.1	3 hours	Bedside Clinic /
11.	Cubitus Varus Deformity Of Elbow	OR 2.15	3 hours	Bedside Clinic /
12.	Giant Cell Tumor Upper End Tibia	OR 10.1	3 hours	Clinical Clerkship
End of Posting Examination at the end of Each clinical posting.				

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
DEPARTMENT OF PEDIATRICS
VIII and IX SEMESTER
Lecture Schedule

Lect. no.	Topic	Content	Competency	Integration
1	Seizure Disorders , Febrile Seizures & Status Epilepticus	1.Pathogenesis, Types, Presentation & Management of Epilepsy in children 2. Status Epileptics, Clinical Presentation & Management 3.Etio-Pathogenesis, C/F, Complications & Management	PE 30.08 PE 30.09 PE 30.07	
2	Cerebral Palsy	1.Etio-Pathogenesis, C/F, Management 2. In futile hemiplegia	PE 30.11 PE 30.06	
3	Floppy Infant	1.Causes of Floppiness in in futile & discuss the C/F, differential diagnosis, management	PE 30.12	
4	Hydrocephalus and Neural Tube Defects	1. Etio-Pathogenesis, Classification, C/F, Complications & Management of Hydrocephalus in Children. 2. Enumerate NTD. C/F, Types & Management.	PE 30.03 PE 30.05	Pediatric Surgery
5	Congenital Heart Disease Approach & Acynotic Congenital Heart Disease	Hemodynamic changes, Clinical presentation, Complication and Management.	PE 23.1	
6	Congenital Heart Disease Cyanotic	Hemodynamic changes, Clinical presentation, Complication and Management.	PE 23.2	
7	Rheumatic Fever and Heart Disease	1.Etio-Pathogenesis, Clinical presentation & Management of ARF in children 2. Prevention of ARF	PE 23 4 PE 23.5	
8	SLE& JRA	1.Enumerate common rheumatological problems in children. Discus clinical approach to recognition and referral. 2. Diagnosis, management of -> HSP, Kawasaki Ds, SLE, JRA	PE 22.1 PE 22.3	
9	Hemolytic Anemia and Thalassemia	Etio-Pathogenesis, C/F & Management of hemolytic anemia, Thalassemia major, Sick cell anemia	PE 29.04	
10	Nephrotic Syndrome , AGN & Hematuria	1.Proteinuria, Approach to proteinuria Nephrotic Syndrone 2.Approch & referral criteria for hematuria 3. Etio-pathogenesis, C/F, Complications, Management of AGN & Hematuria	PE 21.03 PE 21.02 PE 21.04	
11	Acute Respiratory infections-1	1.Nasopharyngitis - Etiopathogenesis, C/F & Management 2.Tonsillopharyngitis- Etiopathogenesis, C/F & Management 3.AOM- Etiopathogenesis, C/F & Management 4.Epiglottitis- Etiopathogenesis, C/F & Management 5.ALTB- Etiopathogenesis, C/F & Management	PE 28.01 PE 28.02 PE 28.03 PE 28.04	

		6.Stridor- Etiopathogenesis, C/F & Management	PE 28.05 PE 28.06 PE 28.07	
12	Acute Respiratory infections-2	Etiopathogenesis, C/F & Management, Bronchiolitis, WALRI, Pneumonia, Empyema	PE 28.18	
13	Normal Newborn	1.Common nomenclature, classification. 2.Characteristics of normal term neonate. 3.Care of normal newborn.	PE 20.1 PE 20.2	
14	Neonatal RDS	Etiology, C/F management of RDS meconium aspiration & TTN	PE 20.8	
15	Neonatal Jaundice	Etiology, C/F, management of neonatal hyperbilirubinemia	PE 20.19	
16	Birth Asphyxia	Etiology, C/F, management of birth asphyxia	PE 20.07	
17	Neonatal Sepsis	Etiology, C/F, management of Neonatal Sepsis & Perinatal infections	PE 20.16 PE 20.17	
18	Bronchial Asthma	1.Etiopathogenesis, Diagnosis, C/F & Management & Prevention of asthma on children. 2.Enumerate criteria for referral 3.Enumerate indirect for PET	PE 28.19 PE 31.05 PE 31.08 PE 31.10	
19	Neonatal Thermo-Regulation	1.Discuss temp. regulate in neonates C/F and management of hypoglycemia. 2. Advantages & correct method of keeping an infant warm by skin to skin contact	PE 20.12 PE 27.24 PE 27.25	
20	Neonatal surgical conditions	TEF, Esophageal atresia, Cleft lip & palate, Congenital diaphragmatic hernia, causes of acute abdomen.	PE 20.20	Pediatric Surgery
	Total hours : 20			

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX SEMESTER
DEPARTMENT OF PEDIATRICS
Small Group Teaching Schedule

Sr. No.	Topic	Content	Competency No.	SGT Method*
1	PEM-1	1.SAM, MAM types PEM & causes of Role of locally . 2.Prepared therapeutic diet.	PE 10.01 PE 10.02	Small Group Discussion
2	PEM-2	1.SAM, MAM types PEM & causes of Role of locally . 2.Prepared therapeutic diet.	PE 10.06 PE 18.02	Small Group Discussion
3	Immunization-1	1.Component of NIS -Epidemiology 2.vaccine preventable 3.Vaccine description 4.Optional Vaccines	PE 19.01 PE 19.02 PE 19.03	SGD in Immunization OPD
4	Immunization-2	1.Cold chain 2.Vaccinate in special Situation 3.Safe vaccine practice ALE 4.Consent	PE 19.03	SGD in Immunization OPD
5	Growth & development	1. Define terminologies growth, development and discuss factors affecting them. 2. Patterns of growth in infants, children & ado 3. Methods of assessment of growth 4. Normal developmental milestones Methods of assessment of development	PE 01.01 PE 01.02 PE 01.03 PE 01.05 PE 01.06	SGD Case Based Discussion
6	Gastroenteritis and fluid management	1.Etiopathogenesis, Classification, Clinical presentation & Management. 2. Classification of various types of dehydration 3. Persistent diarrhea, Chronic diarrhea	PE 24.01 PE 24.02 PE 24.03 PE 24.05 PE 24.06 PE 24.07 PE 24.08	SGD Case Based Discussion
7	Pediatric TB	1. Etiology, C/F, types, complication 2.Diagnostic tools 3. Regimens 4. Prevention strategies	PE 34.01 PE 34.02 PE 34.03 PE 34.04 PE 34.10 PE 34.12 PE 34.13	Small Group Discussion
8	Vitamin Deficiencies	1.Vitamin A,D,E,K 2.B complex, 3.Vitamin C	PE 12.01 PE 12.02 PE 12.05 PE 12.06 PE 12.07 PE 12.10 PE 12.11 PE 12.12 PE 12.13 PE 12.14 PE 12.15	SGD Seminar

			PE 12.16 PE 12.19 PE 12.20	
9	Down Syndrome & Other Congenital Anomalies	1.Genetic Basis, Risk Factors, Complications, 2.Prenatal diagnosis, management, 3.Genetic counseling-Down Syndrome , 4.Turner's Syndrome, Klinefelter syndrome	PE 32.01 PE 32.04 PE 32.06 PE 32.09 PE 32.11	SGD Seminar
10	Hemolytic Anemia	Approach to child with anemia. Etiopathogenesis, C/F, management of Hemolytic anemia, That major, sickle cell anemia	PE 29.01 PE 29.04	SGD Case Based Discussion
11	Congenital Heart Content	Hemodynamic changes, C/F, complications, management of - Acyanotic heart disease (USD, ASD. RDA) Cyanotic Heart diseases.	PE 23.01 PE 23.02	SGD Case Based Discussion
12	Acute Rheumatic fever	Etiopathogenesis, C/F & management of acute rheumatic fever, and cardiac Failure	PE 23.03 PE 23.04 PE 23.05	SGD Case Based Discussion
13	Epilepsy & Status Epilepticus	1.Pathogenesis, Types, Presentation & Management of Epilepsy in children 2. Status Epileptics, Clinical Presentation & Management 3.Etio-Pathogenesis, C/F, Complications & Management	PE 30.08 PE 30.09 PE 30.07	SGD Seminar
14	Nephrotic Syndrome, AGN & Hematuria	1.Proteinuria, Approach to proteinuria Nephrotic Syndrome 2.Approach & referral criteria for hematuria 3. Etio-pathogenesis, C/F, Complications, Management of AGN & Hematuria	PE 21.03 PE 21.02 PE 21.04	SGD Case Based Discussion
15	Fever with rash	Identify different types of rash and their causes e.g. Measles, Chicken Pox etc.	PE34.15, PE34.18, PE34.20	Small Group Discussion
16	Bronchial Asthma	1.Etiopathogenesis, Diagnosis, C/F & Management & Prevention of asthma on children. 2.Enumerate criteria for referral 3.Enumerate indirect for PET	PE 28.19 PE 31.05 PE 31.08 PE 31.10	SGD Seminar
17	Neonatal Jaundice	Etiology, C/F, management of neonatal hyperbilirubinemia	PE 20.19	SGD Seminar
18	Instruments, X RAYS & DRUGS	-----	-----	-----

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)

DEPARTMENT OF PEDIATRICS

Clinical Posting Schedule:

(Total weeks: 4, =6days x 3hours per 18day = 72hours)

Day of posting	Topic/s	Competency	Hours	Teaching learning method: bedside clinic/ Skills lab/ Clinical clerkship
2 days	Newborn (2 cases) History taking, differentiating FT from PT, identifying sick newborn. Eliciting clinical signs like icterus	PE20.2, PE20.4, PE20.5, PE20.6 PE20.7, PE20.19, PE20.20, PE20.22	6 hours	Bedside clinic, DOAP
2 days	CVS Examination (2) Examination of CVS and Ask relevant history and perform examination to differentiate between cyanotic and Acyanotic heart disease	PE23.3, PE23.7, PE23.8, PE23.9, PE23.10	6 hours	Bedside clinic
2 days	CNS examination Common symptoms indicative of CNS affection- spasticity, seizures	PE30.1 PE30.19	6 hours	Bedside clinic
2 days	Respiratory system examination with 2 cases Differentiate –Upper versus lower respiratory affection. Localise in the respiratory tract along with type of affection. e.g. Bronchiolitis, Bronchopneumonia, Pneumonia, Croup, Empyema, Asthma	PE28.1, PE28.2, PE28.3, PE28.4, PE28.5, PE28.6, PE28.7, PE28.8, PE28.9, PE28.11 PE28.14 PE28.17 PE28.18	6 hours	Small group discussion, DOAP
2 days	Hepato Splenomegaly (2 cases) Clinical approach to Differential diagnosis (Malaria. Typhoid, Hemolytic anemia, Leukemia)	PE26.6, PE26.7, PE29.4, PE29.11 PE29.12 PE29.13 PE29.16 PE29.19 PE29.20	6 hours	Bedside clinic

2 day	Fever with rash (3 cases) Identify different types of rash and their causes e.g. Measles, Chicken Pox etc.	PE34.1 5PE34. 18PE34 .20	6 hours	Small group discussion
1 day	PEM Dietary history taking, Identify and classify SAM and MAM	PE10.1, PE10.2, PE10.3, PE10.5, PE10.6	3 hours	DOAP, bedside clinic
1 day	AGE History and clinical features to identify grades of dehydration To be able to prepare and advise ORS therapy	PE24.1, PE24.2, PE24.3	3 hours	DOAP
1 day	Hepatitis History Taking Clinical manifestation External markers For GI & liver disorders	PE26.5, PE26.8, PE26.9, PE26.13	3 hours	Bad Side Clinic
2 day	AGN & Nephrotic Syndrome Proteinuria, Approach to proteinuria Nephrotic Syndrome Approch & referral criteria for hematuria Etio-pathogenesis, C/F, Complications, Management of AGN & Hematuria	PE 21.03 PE 21.02 PE 21.04	6 hours	Bad Side Clinic
1 days	Anemia Identify anemia. Appropriate history to identify the cause. Clinical signs in Nutritional anemia and Thalassemia/Sickle cell	PE13.3, PE13.4, PE13.5, PE13.6, PE29.1, PE29.3, PE29.3	3 hours	Bed side clinic
1 day	Rheumatoid Arthritis History taking Examination Counseling of chronic illness	PE22.1, PE22.3 PE22.2	3 hours	Case Based Discussion
1 day	Hypothyroidism Recognize Clinical Signs of hypothyroidism Interpret & explain neonatal Thyroid Screening report	PE33.2, PE33.3	3 hours	Case Based Discussion
1 day	Adolescent Heath & Obesity Conman adolescent health problem, eating disorders How to maintain patient privacy and confidentiality while dealing adolescent Assessment of a child with obesity	PE6.8, PE6.9, PE11.3	3 hours	Small Group Discussion

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester

DEPARTMENT OF DERMATOLOGY
Lecture: Duration : One hr/Lecture

Lecture no.	Topic	Content	Competency	Integration
1	Acne	Enumerate the causative and risk factors of acne	DR1.1	
		Describe the treatment and preventive measures for various kinds of acne	DR1.3	
2	Vitiligo	Describe the treatment of vitiligo	DR2.2	
3	Papulosquamous disorders	Enumerate the indications for and describe the various modalities of treatment of psoriasis including topical, systemic and phototherapy	DR3.3	
4	Lichen Planus	Enumerate and describe the treatment modalities for lichen planus	DR4.2	
5	Scabies	Describe the etiology, microbiology, pathogenesis, natural history, clinical features, presentations and complications of scabies in adults and children	DR5.1	Pediatrics
		Enumerate and describe the pharmacology, administration and adverse reaction of pharmacotherapies for scabies	DR5.3	Pediatrics Pharmacology
6	Pediculosis	Describe the etiology pathogenesis and diagnostic features of pediculosis in adults and children	DR6.1	Pediatrics Microbiology
7	Fungal Infections	Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of dermatophytes in adults and children	DR7.1	Microbiology
		Describe the pharmacology and action of antifungal (systemic and topical) agents. Enumerate side effects of antifungal therapy	DR7.3	Microbiology Pharmacology
8	Viral infections	Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of common viral infections of the skin in adults and children	DR8.1	Pediatrics Microbiology

		Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for common viral illnesses of the skin	DR8.7	Pharmacology
9	Leprosy	Classify, describe the epidemiology, etiology, microbiology, pathogenesis, clinical presentations and diagnostic features of Leprosy	DR9.1	General Medicine Community Medicine Microbiology
		Enumerate, describe and identify lepra reactions and supportive measures and therapy of lepra reactions	DR9.4	General Medicine Pharmacology
10	Leprosy	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for various classes of leprosy based on national guidelines	DR9.5	General Medicine Pharmacology Community Medicine
		Describe the treatment of Leprosy based on the WHO guidelines	DR9.6	General Medicine Pharmacology Community Medicine
		Enumerate and describe the complications of leprosy and its management, including understanding disability and stigma	DR9.7	General Medicine Pharmacology Psychiatry
11	Sexually Transmitted Diseases	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for syphilis	DR10.3	General Medicine Pharmacology Microbiology
		Describe the prevention of congenital syphilis	DR10.4	General Medicine
12	Sexually Transmitted Diseases	Describe the etiology, diagnostic and clinical features of nonsyphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)	DR10.6	General Medicine Microbiology
		Enumerate the indications and describe the pharmacology, indications and adverse reactions of drugs used in the nonsyphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)	DR10.8	General Medicine Pharmacology Microbiology

13	Sexually Transmitted Diseases	Describe the syndromic approach to ulcerative sexually transmitted diseases	DR10.9	General Medicine
		Describe the etiology, diagnostic and clinical features and management of gonococcal and nongonococcal urethritis	DR10.10	General Medicine
		Describe the etiology, diagnostic and clinical features and management of vaginal discharge	DR10.11	Obstetrics & Gynaecology
14	HIV	Describe the etiology, pathogenesis and clinical features of the dermatologic manifestations of HIV and its complications including opportunistic infections	DR11.1	General Medicine Microbiology
		Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for dermatologic lesions in HIV	DR11.3	General Medicine Microbiology Pharmacology
15	Dermatitis and Eczema	Describe the aetiopathogenesis of eczema	DR12.1	
		Classify and grade eczema	DR12.3	
		Enumerate the indications and describe the pharmacology, indications and adverse reactions of drugs used in the treatment of eczema	DR12.4	
16	Urticaria Angioedema	Describe the etiology, pathogenesis and clinical precipitating features and classification of Urticaria and angioedema	DR14.1	Microbiology Pathology
		Enumerate the indications and describe the pharmacology indications and adverse reactions of drugs used in urticaria and angioedema	DR14.5	Pharmacology
17	Pyoderma	Enumerate the indications and describe the pharmacology, indications and adverse reactions of topical and systemic drugs used in treatment of Pyoderma	DR15.3	General Surgery Microbiology Pharmacology
18	Nutritional Deficiencies and Skin	Enumerate and identify the cutaneous findings in vitamin A Deficiency	DR17.1	General Medicine Pediatrics Biochemistry

		Enumerate and describe the various skin changes in Vitamin B complex deficiency	DR17.2	General Medicine Pediatrics Biochemistry
		Enumerate and describe the various changes in Vitamin C deficiency	DR17.3	General Medicine Pediatrics Biochemistry
		Enumerate and describe the various changes in Zinc deficiency	DR17.4	General Medicine Pediatrics Biochemistry
19	Systemic diseases and the skin	Enumerate the cutaneous features of Type 2 diabetes	DR18.1	General Medicine
		Enumerate the cutaneous features of hypo/hyper-thyroidism	DR18.2	General Medicine
20	Human Anatomy	Describe structure & function of skin with its appendages	AN4.2	Dermatology, Venereology & Leprosy
		Describe modifications of deep fascia with its functions	AN4.4	Dermatology, Venereology & Leprosy
		Explain principles of skin incisions	AN4.5	Dermatology, Venereology & Leprosy
21	Pathology	Describe the risk factors, pathogenesis, pathology and natural history of squamous cell carcinoma of the skin	PA34.1	Dermatology, Venereology & Leprosy
		Describe the risk factors, pathogenesis, pathology and natural history of basal cell carcinoma of the skin	PA34.2	Dermatology, Venereology & Leprosy
		Describe the distinguishing features between a nevus and melanoma. Describe the etiology, pathogenesis, risk factors, morphology, clinical features and metastases of melanoma	PA34.3	Dermatology, Venereology & Leprosy
22	Microbiology	Describe the etio-pathogenesis of Skin and soft tissue infections and discuss the clinical course, and the laboratory diagnosis.	MI4.3	Dermatology, Venereology & Leprosy General Surgery
		Describe the etio-pathogenesis and	MI7.2	Dermatology,

	Pharmacology	discuss the laboratory diagnosis of sexually transmitted infections. Recommend preventive measures, wherever relevant. Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antileprotic drugs Describe drugs used in skin disorders	PH1.46 PH1.57	Venereology & Leprosy Obstetrics & Gynaecology Dermatology, Venereology & Leprosy Microbiology Dermatology, Venereology & Leprosy
	Term end Theory examination			

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester
DEPARTMENT OF DERMATOLOGY
Small group teaching Schedule

S No.	Topic	Content	Competency No.	SGT Method*
1	Fungal Infections	Identify Candida species in fungal scrapings and KOH mount	DR7.2	DOAP session
2	Viral infections	Identify and distinguish herpes simplex and herpes labialis from other skin lesions Identify and distinguish herpes zoster and varicella from other skin lesions Identify and distinguish viral warts from other skin lesions Identify and distinguish molluscum contagiosum from other skin lesions Enumerate the indications, describe the procedure and perform a Tzanck smear	DR8.2 DR8.3 DR8.4 DR8.5 DR8.6	DOAP session
3	Leprosy	Enumerate the indications and observe the performance of a slit skin smear in patients with leprosy	DR9.3	DOAP session
4	Sexually Transmitted Diseases	Identify spirochete in a dark ground microscopy Counsel in a non-judgemental and empathetic manner patients on prevention of sexually transmitted disease	DR10.2 DR10.5	DOAP session
5	Pyoderma	Enumerate the indications for surgical referral	DR15.4	DOAP session
6	Pathology	Identify, distinguish and describe common tumors of the skin	PA34.4	DOAP session
7	Pediatrics	Identify Atopic dermatitis and manage	PE31.4	Skills lab

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DEPARTMENT OF DERMATOLOGY

III MBBS PART II 2023-2024(CBME Curriculum)

VIII and IX Semester

Clinical Posting Schedule:

(Total weeks 2; 12 days x 3hours per day = 36hours)

Day of posting	Topic/s	Competency	Hours	Teaching learning method: Bedside clinic/ Skills lab/ Clinical clerkship
1	Identify and grade the various common types of acne Identify and differentiate vitiligo from other causes of hypopigmented lesions	DR1.2 DR2.1	6	Bedside clinic
2	Identify and distinguish psoriatic lesions from other causes Demonstrate the grattage test	DR3.1 DR3.2	3	Bedside clinic
3	Identify and distinguish lichen planus lesions from other causes Identify and differentiate scabies from other lesions in adults and children Identify and differentiate pediculosis from other skin lesions in adults and children	DR4.1 DR5.2 DR6.2	6	Bedside clinic
4	Demonstrate (and classify based on) the clinical features of leprosy including an appropriate neurologic examination	DR9.2	3	Bedside clinic
5	Identify and classify syphilis based on the presentation and clinical manifestations Identify and differentiate based on the clinical features non-syphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)	DR10.1 DR10.7	3	Bedside clinic
6	Identify and distinguish the dermatologic manifestations of HIV, its complications, opportunistic infections and adverse reactions	DR11.2	3	Bedside clinic
7	Identify eczema and differentiate it from lichenification and changes of aging	DR12.2	3	Bedside clinic

	Define erythroderma. Enumerate and identify the causes of erythroderma. Discuss the treatment Identify and distinguish exfoliative dermatitis from other skin lesions Identify and distinguish fixed drug eruptions and Steven Johnson syndrome from other skin lesions	DR12.5 DR12.6 DR12.7		
8	Distinguish bulla from vesicles Demonstrate the Tzanck test, nikolsky sign and bulla spread sign Calculate the body surface area of involvement of Vesiculobullous lesions	DR13.1 DR13.2 DR13.3	3	Bedside clinic
9	Identify and distinguish urticarial from other skin lesions Demonstrate dermographism Identify and distinguish angioedema from other skin lesions	DR14.2 DR14.3 DR14.4	3	Bedside clinic
10	Identify and distinguish folliculitis impetigo and carbuncle from other skin lesions Identify staphylococcus on a gram stain Identify and distinguish skin lesions of SLE Identify and distinguish Raynaud's phenomenon	DR15.1 DR15.2 DR16.1 DR16.2	2	Bedside clinic

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III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester

DEPARTMENT OF PSYCHIATRY
Lectures Schedule:

Lecture no.	Topic	Content	Competency	Integration
1.	Introduction to Psychiatry	Describe the growth of Psychiatry as a medical specialty, its history and contribution to society	PS 3.1	
2.	Diagnosis of common mental disorders and classificatory systems	Enumerate, describe and discuss important signs and symptoms of common mental disorders	PS 3.2	
3.	Neurological basis of behaviour	Functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, limbic system with circuits	PY 8.7 PS 3.6	Physiology
4.	Biopsychosocial model of disease	Describe biological, psychological and social factors and their interactions in the causation of mental disorders	PS 3.6	
5.	Organic Psychiatric disorders	-Enumerate and describe common organic Psychiatric disorders, magnitude, etiology, clinical features Enumerate essential investigations in organic Psychiatric disorders Enumerate pharmacological basis of treatment	PS 3.7 PS 3.8 PS 3.10	General Medicine
6.	Schizophrenia	Classify and describe the magnitude and etiology of Schizophrenia and other psychotic disorders	PS 5.1	
7.	Bipolar disorders	Classify and describe the magnitude and etiology of Bipolar disorders	PS 7.1	
8.	Psychopharmacology	-Enumerate and describe the pharmacological basis and side effects of drugs used to treat in Psychiatric disorders -Enumerate and describe the pharmacological basis and side effects of drugs used in Schizophrenia -Enumerate and describe the pharmacological basis and side effects of drugs used in Bipolar disorders	PS 3.10 PS 5.5 PS 7.6	Pharmacology

9.	Depression	Classify and describe the magnitude and etiology of depression	PS 6.1	
10.	Anxiety disorders- GAD, Panic, Phobias	Enumerate and describe the magnitude and etiology of anxiety disorders	PS 8.1	
11.	OCD and stress related disorders- Stress reaction, PTSD	Enumerate and describe the magnitude and etiology of anxiety and stress related disorders	PS 8.1 PS 9.1	
12.	Treatment of Depression and anxiety and stress related disorders	Describe the treatment of depression including behavior and pharmacotherapy Describe the treatment of anxiety including behavior and pharmacotherapy Describe the treatment of stress disorder including behavior and pharmacotherapy	PS 6.4 PS 8.4 PS 9.4	Pharmacology
13.	Somatoform and Conversion disorders	Enumerate and describe the magnitude and etiology of somatoform and conversion disorders	PS 10.1	General Medicine
14.	Personality disorders	Enumerate and describe the magnitude and etiology, clinical features of personality disorders To describe treatment of personality disorders including behavioral, psychosocial and pharmacologic therapy	PS 11.1 PS 11.2 PS 11.4	
15.	Psychosomatic disorders	Enumerate and describe the magnitude and etiology, clinical features of psychosomatic disorders To describe treatment of psychosomatic disorders including behavioral, psychosocial and pharmacologic therapy	PS 12.1 PS 12.2 PS 12.4	General Medicine, Dermatology
16.	Alcohol use disorders	-To describe the magnitude and etiology of alcohol use disorders -To describe indications and interpret lab results in alcohol use disorders -Pharmacological basis and side effects of drugs used in alcohol use disorders -Treatment with psychological management and behavior therapy	PS 4.1 PS 4.3 PS 4.6 PS 4.4	General Medicine
17.	Other Substance use disorders	-To describe the magnitude and etiology of other substance use disorders -To describe indications and interpret lab results in other substance use disorders	PS 4.1 PS 4.3	General Medicine

		-Pharmacological basis and side effects of drugs used in other substance use disorders -Treatment with psychological management and behavior therapy	PS 4.6 PS 4.4	
18.	Psychosexual and gender identity disorders	To describe the magnitude and etiology , clinical features of psychosexual disorders and GID -To describe indications and interpret lab results in psychosexual disorders and GID -Pharmacological basis and side effects of drugs used in psychosexual disorders and GID -Treatment with psychological management and behavior therapy	PS 13.1 PS 13.2 PS 13.3 PS 13.6 PS 13.4	
19.	Psychiatric disorders in elderly	-Enumerate and describe common Psychiatric disorders in elderly – depression, dementia, psychosis - Etiology and magnitude -Therapy including psychosocial and behavioral therapy	PS 16.1 PS 16.2 PS 16.3	General Medicine
20.	Psychiatric emergencies	-Enumerate and describe the recognition, presentation of psychiatric emergencies- suicide, DSH, violence - Initial stabilization and management of emergencies - Specialist referral	PS 17.1 PS 17.2 PS 17.3	
21.	Mental retardation	-Describe the etiology and magnitude of mental retardation -Interventions in mental retardation	PS 15.1 PS 15.4	Pediatrics
22.	Childhood & adolescence Psychiatric disorders	-Enumerate describe the etiology of child psychiatric disorders -Types and clinical features -Behavioral and psychological management -Pharmacotherapy	PS 14.1 PS 14.2 PS 14.3 PS 14.6	Pediatrics
23.	Community Psychiatry	-Relevance, role of Community Psychiatry Objective strategies of national mental health programme -Salient features of Prevalent mental health laws in India	PS 19.1 PS 19.2 PS 19.4	Community Medicine
24.	Theory assessment			

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III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester
DEPARTMENT OF PSYCHIATRY
Small group teaching Schedule

Sr. No.	Topic	Content	Competency No.	SGT Method*
1.	Stress	Define stress, describe components and causes	PS 2.1	Tutorial
2.	Stress management	Describe the role of time management, study skills, lifestyles in stress avoidance	PS 2.2	Group discussion
3.	Suicide assessment	Evaluation of suicide risk	PS 17.1	Tutorial
4.	Intervention in suicidality	Management of suicidality	PS 17.2	Group discussion
5.	Principles of psychotherapy	Enumerate and describe the principles of psychosocial interventions in Psychiatric illnesses	PS 18.3	Tutorial
6.	Disorder specific psychotherapy	Describe psychological treatment of depression, anxiety and stress related disorders	PS 6.4 PS 8.4 PS 9.4	DOAP
7.	Investigations	Assessment of cognition	PS 3.5	Tutorial
8.	Investigations	Assessment of IQ Introduction to psychodiagnostic tests	PS 15.2 PS 18.3	Tutorial
9.	Physical treatments	Enumerate indications for modified electroconvulsive therapy	PS 18.2	DOAP
10.	Ethical and legal issues	Describe and discuss basic ethical and legal issues	PS 19.3	Tutorial Group discussion

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester
DEPARTMENT OF PSYCHITRY

Clinical Posting Schedule:

(Total weeks 2; 12 days x 3hours per day = 36hours)

Day of posting	Topic/s	Competency	Hours	Teaching learning method: bedside clinic/ Skills lab/ Clinical clerkship
1.	Revision on Clinical assessment- History taking and mental status examination	PS 3.3- Elicit, present and document history in patients with mental disorder PS 3.5- Enumerate, demonstrate mental status examination	3	Clinical clerkship
2.	Case discussion- Organic Psychiatric disorder	PS 3.7- Elicit clinical features of a patient with organic Psychiatric disorder PS 3.9- Describe the steps and demonstrate in a simulated environment family education in patients with organic Psychiatric disorders	3	Clinic
3.	Clinical case discussion- Schizophrenia	PS 5.2- Enumerate, elicit, describe and document symptoms of Schizophrenia PS 5.4- Demonstrate family education in patients of Schizophrenia	3	Clinic
4.	Clinical case discussion- Bipolar disorder	PS 7.2- Enumerate, elicit, describe and document clinical features of patient	3	Clinic

		of bipolar disorders PS 7.5- Demonstrate family education in a patient of bipolar disorder in a simulated environment		
5.	Clinical case discussion- Depression	PS 6.1- Enumerate, elicit, describe and document clinical features of patient of depression PS 6.5- Demonstrate family education in a patient of depression in a simulated environment	3	Clinic
6.	Clinical case discussion- Substance use disorders	PS 4.2- Elicit, describe and document clinical features of alcohol and substance use disorders PS 4.5- Demonstrate family education in a patient with alcohol and substance use disorders	3	Clinic
7.	Clinical case discussion on anxiety disorders	PS 8.2 - Enumerate, elicit, describe and document clinical features of patient of anxiety disorders PS 8.5- Demonstrate family education in a patient of anxiety disorder in a simulated environment	3	Clinic

8.	Clinical case discussion on OCD/ stress related disorder	PS 9.2 - Enumerate, elicit, describe and document clinical features of patient of anxiety disorders PS 9.5- Demonstrate family education in a patient of anxiety disorder in a simulated environment	3	Clinic
9.	Clinical case discussion- Child and adolescent Psychiatric disorder	PS 14.1 Enumerate, elicit, describe and document clinical features of child/adolescent with psychiatric disorder PS 14.5- Demonstrate family education in a child/adolescent with psychiatric disorder in a simulated environment	3	Clinic
10.	End of posting assessment		3	

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester

DEPARTMENT OF RESPIRATORY MEDICINE
Lectures Schedule: Duration: One hr/Lecture

Lecture no.	Topic	Content	Competency	Integration
1	TB	Describe and discuss the epidemiology of tuberculosis and its impact on the work, life and economy of India	CT 1.1	Community medicine
2	TB	Describe and discuss the microbiology of tubercle bacillus, mode of transmission, pathogenesis, clinical evolution and natural history of pulmonary and extra pulmonary forms (including lymph node, bone and CNS)	CT 1.2	Microbiology
3	TB	Discuss and describe the impact of co-infection with HIV and other co-morbid conditions. Like diabetes on the natural history of tuberculosis Describe the epidemiology, the predisposing factors and microbial and therapeutic factors that determine resistance to drugs	CT 1.3 CT 1.4	Community medicine Microbiology Pharmacology
4	TB	Describe and discuss the pharmacology of various anti-tuberculous agents, their indications, contraindications, interactions and adverse reactions	CT 1.14	Pharmacology
5	TB	Define criteria for the cure of Tuberculosis; describe and recognise the features of drug resistant tuberculosis, prevention and therapeutic regimens Prescribe an appropriate antituberculosis regimen based on the location of disease, smear positivity and negativity and comorbidities based on current national guidelines including directly observed tuberculosis therapy (DOTS)	CT 1.15 CT1.17	Community medicine Pharmacology
6	Obstructive airway disease	Define and classify obstructive airway disease Describe and discuss the epidemiology, risk factors and evolution of obstructive airway disease. Describe and discuss the genetics of alpha 1 antitrypsin deficiency in emphysema	CT 2.1 CT 2.2 CT 2.5	Pathology Physiology
7	Obstructive airway disease	Enumerate and describe the causes of acute episodes in patients with obstructive airway disease Describe and	CT 2.3 CT 2.4 CT 2.6	Pathology Physiology

		discuss the physiology and pathophysiology of hypoxia and hypercapnea Describe the role of the environment in the cause and exacerbation of obstructive airway disease Describe and discuss allergic and non-allergic precipitants of obstructive airway disease	CT 2.7	
8	Obstructive airway disease	Discuss and describe therapies for OAD including bronchodilators, leukotriene inhibitors, mast cell stabilisers, theophylline, inhaled and systemic steroids, oxygen and immunotherapy Describe and discuss the indications for vaccinations in OAD Describe and discuss the principles and use of oxygen therapy in the hospital and at home	CT 2.16 CT 2.17 CT 2.20	Pharmacology
9	Obstructive airway disease	Discuss and describe the impact of OAD on the society and Workplace Discuss and describe preventive measures to reduce OAD in workplaces	CT2.25 CT 2.26	Community medicine
10	Term end examination			10 hours

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III MBBS PART II 2023-2024(CBME Curriculum)

VIII and IX Semester
DEPARTMENT OF RESPIRATORY MEDICINE

Small group teaching Schedule

Sr. No.	Topic	Content	Competency No.	SGT Method*
1	TB	Describe and discuss the epidemiology of tuberculosis and its impact on the work, life and economy of India Discuss and describe the impact of co-infection with HIV and other co-morbid conditions. Like diabetes on the natural history of tuberculosis Describe the epidemiology, the predisposing factors and microbial and therapeutic factors that determine resistance to drugs	CT 1.1 CT 1.3 CT 1.4	Seminar
2	TB	Describe and discuss the origin, indications, technique of administration, efficacy and complications of the BCG vaccine	CT 1.13	Tutorial
3	TB	Enumerate the indications for tests including: serology, special cultures and polymerase chain reaction and sensitivity testing Perform and interpret a PPD (mantoux) and describe and discuss the indications and pitfalls of the test	CT 1.12 CT 1.7	DOAP Group discussion
4	TB	Define criteria for the cure of Tuberculosis; describe and recognise the features of drug resistant tuberculosis, prevention and therapeutic regimens Prescribe an appropriate antituberculosis regimen based on the location of disease, smear positivity and negativity and comorbidities based on current national guidelines including directly observed tuberculosis therapy (DOTS)	CT 1.15 CT 1.17	Group discussion
5	TB	Educate health care workers on National Program of Tuberculosis and administering and monitoring the DOTS program Communicate with patients and family in an empathetic manner about the diagnosis, therapy	CT 1.18 CT 1.19	DOAP

6	Obstructive airway disease	Describe, discuss and interpret pulmonary function tests Perform and interpret peak expiratory flow rate	CT 2.11 CT 2.12	Group discussion DOAP
7	Obstructive airway disease	Describe the appropriate diagnostic work up based on the presumed aetiology Enumerate the indications for and interpret the results of : pulse oximetry, ABG, Chest Radiograph	CT 2.13 CT 2.14	Group discussion DOAP
8	Obstructive airway disease	Recognise the impact of OAD on patient's quality of life, well being, work and family Discuss and describe the impact of OAD on the society and workplace	CT 2.24 CT 2.25	Seminar

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III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester

DEPARTMENT OF RESPIRATORY MEDICINE

Clinical Posting Schedule:

(Total weeks-2, 12 days x 3hours per day = 36hours)

Day of posting	Topic/s	Competency	Hours	Teaching learning method: bedside clinic/ Skills lab/ Clinical clerkship
1,2	History taking	CT 1.5, CT 1.8	6	Bedside clinic Clinical clerkship
3	Respiratory system examination	CT 1.6	3	Clinical skill
4	Asthma/COPD case presentation	CT 2.8, CT 2.9, CT 2.10, CT 2.21, CT 2.23, CT 2.24	3	Bedside clinic Clinical clerkship
5,6	ABG/ Pulse oximetry	CT 2.14	6	Bedside clinic Clinical clerkship
7	Spirometry PEFR	CT 2.11, CT 2.12	3	Clinical skill/clinical clerkship
8	Pulmonary TB case presentation	CT 1.5, CT 1.6, CT 1.9	3	Bedside clinic Clinical clerkship
9	Daily DOTS—DS/DR TB treatment	CT1.14, CT 1.15, CT 1.16, CT 1.17, CT 1.18	3	Clinical clerkship
10	Drugs- COPD/Asthma Devices- MDI/DPI/Spacer/nebulization	CT 2.16, CT 2.18, CT 2.19, CT 2.22, CT	3	Clinical skill/clinical clerkship
11	Chest CXR interpretation	CT 2.14	3	Clinical skill
12	End of Posting Examination		3	

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III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester

DEPARTMENT OTORHINOLARYNGOLOGY
Lectures Schedule

Lecture no.	Topic	Content	Competency	Integration
1.	Management of diseases of Ear , nose and throat	External ear pathology	EN 4.1 , EN 4.2	-
2.	Management of diseases of Ear , nose and throat	Serous otitis media	EN 4.5	-
3.	Management of diseases of Ear , nose and throat	Acute otitis media with complication	EN 4.3	PE 28.4
4.	Management of diseases of Ear , nose and throat	Chronic otitis media mucosal and squamosal	EN 4.6 EN 4.7 , EN 4.8	
5.	Management of diseases of Ear , nose and throat	Squamosal chronic otitis media Complication of otitis media intracranial and extra cranial	EN 4.8	
6.	Management of diseases of Ear , nose and throat	Otosclerosis	EN 4.13	
7.	Management of diseases of Ear , nose and throat	Inner ear (meiniere's disease, vestibular schwannoma, BPPV)	EN 4.20 , EN 4.19, EN 4.21	
8.	Management of diseases of Ear , nose and throat	Deaf and mute child evaluation and cochlear implant	EN 4.12	PY10.15 , PY10.16
9.	Management of diseases of Ear , nose and throat	Facial nerve	EN 4.18	
10.	Management of diseases of Ear , nose and throat	Deviated nasal septum	EN 4.23, 4.24	
11.	Management of diseases of Ear , nose and throat	Allergic rhinitis (specific and non specific rhinitis)	EN 4.27 , EN 4.28	
12.	Management of diseases of Ear , nose and throat	Acute rhinosinusitis with complication	EN 4.29 , EN 4.33	
13.	Management of diseases of Ear , nose and throat	Chronic rhinosinusitis with and without polyps / antrochoanal polyp	EN 4.25	
14.	Management of diseases of Ear , nose and throat	Benign lesion of nose and paranasal sinuses (JNA)	EN 4.32	
15.	Management of diseases of Ear , nose and throat	Malignant lesion of nose and paranasal sinuses / Nasopharyngeal tumors	EN 4.34 . EN 4.35	
16.	Management of diseases of Ear ,	Facial trauma and facial plastic surgery in ENT	EN 4.31	

	nose and throat			
17.	Management of diseases of Ear , nose and throat	Acute and chronic tonsillitis with adenoid	EN 4.39, EN 4.26	PE 28.2, PE 28.3
18.	Management of diseases of Ear , nose and throat	Complications of various abscesses – neck space abscesses (Ludwigs)	EN 4.37, EN 4.41	
19.	Management of diseases of Ear , nose and throat	Acute and chronic laryngitis	EN 4.43	PE 28.6
20.	Management of diseases of Ear , nose and throat	Benign lesions of larynx (hoarseness and laryngeal paralysis)	EN 4.44, EN 4.42, EN 4.45	
21.	Management of diseases of Ear , nose and throat	Malignancy of larynx laryngopharynx	EN 4.46	
22.	Management of diseases of Ear , nose and throat	Malignancy of laryngopharynx	EN 4.46	
23.	Management of diseases of Ear , nose and throat	Dysphagia and Cao esophagus	EN 4.38	
24.	Management of diseases of Ear , nose and throat	Foreign body in airway and food passage	EN 4.49	PE 28.8
25.	Management of diseases of Ear , nose and throat	Stridor (Peadiatric stridor and epiglottitis	EN 4.47	PE 28.5, PE 28.6, PE 28.7, PE 28.9

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VIII and IX Semester

DEPARTMENT of Otorhinolaryngology
Small group teaching Schedule:

Sr. No.	Topic	Content	Competency No.	SGT Method*
1.	Anatomy and physiology of ear , nose , throat and head and neck	Anatomy of ear	EN1.1	Group discussion
2.	Anatomy and physiology of ear , nose , throat and head and neck	Physiology of hearing and balance	EN1.1	Tutorial
3.	Anatomy and physiology of ear , nose , throat and head and neck	Anatomy of nose	EN1.1	Seminar
4.	Clinical skills	Premalignant condition in ENT	EN 2.11	Tutorial
5.	Clinical skills/ Management of diseases of Ear , nose and throat	National program for prevention of cancer , deafness, noise and environmental pollution including noise induced hearing loss	EN 2.15, EN 4.15	Seminar
6.	Clinical skills/ Management of diseases of Ear , nose and throat	ENT emergencies (kerosene ingestion, sudden SNHL , Epistaxis , Stridor , Air way emergency tracheostomy	EN 2.13, P 14.2 ,EN 4.14, EN 4.47, EN4.30, EN 4.48, EN 4.50, EN3.6	Tutorial
7.	Anatomy and physiology of ear , nose , throat and head and neck	Anatomy & physiology of pharynx , anatomy and clinical significance of pyriform fossa	EN 1.1, AN 36.3	Group Discussion
8.	Anatomy and physiology of ear , nose , throat and head and neck	Anatomy and physiology of larynx	EN 1.1	Seminar
9.	Management of diseases of Ear , nose and throat	Otalgia	EN 4.1	Tutorial
10.	Management of diseases of Ear , nose and throat	Indication and steps of myringoplasty and myringotomy	EN 4.10 AN 40.4 EN 3.5	Demonstration
11.	Management of diseases of Ear , nose and throat	Indication and steps of mastoidectomy	EN 4.11 EN3.5	Demonstration
12.	Management of diseases of Ear , nose and throat	Facial nerve palsy	EN 4.18	Tutorial
13.	Management of diseases of Ear , nose and throat	Tinnitus Clinical features investigation and management	EN 4.21	Tutorial

14.	Management of diseases of Ear , nose and throat	Vasomotor rhinitis	EN4.28	Tutorial
15.	Management of diseases of Ear , nose and throat	Tumors of nasopharynx	EN 4.35	Tutorial
16.	Management of diseases of Ear , nose and throat	Salivary gland diseases	EN4.36	Tutorial
17.	Management of diseases of Ear , nose and throat	Presbycusis	EN 4.12	Group discussion
18.	Management of diseases of Ear , nose and throat	HIV manifestation of ENT	EN 4.53	Seminar

**Bharati Vidyapeeth Deemed To Be University Medical
College Pune**
VIII and IX Semester
III MBBS PART II 2023-2024(CBME Curriculum)
DEPARTMENT OF OTORHINOLARYNGOLOGY
Clinical Posting Schedule:
(Total weeks-4, 24 days x 3hours per day = 72hours)

Days Alloted for the posting	Topics to be covered	Competency number for each topic	Hours required to cover one topic	Teaching, learning method: Bedside clinic/skills lab/Clinical clerkship
1	Throat case – signs and symptoms, investigation and management	EN 2.1, EN 2.2, EN 2.6 , EN2.7	3 hours	OPD station clinic (Beside clinic)
2	Nose case -signs and symptoms ,investigation and management	EN 2.1 , EN 2.2 , EN 2.5, EN.3.2	3 hours	OPD station clinic (Beside clinic)
3	Ear case - signs and symptoms ,investigation and management	EN2.1, EN2.2, EN2.3, EN2.4	3 hours	OPD station clinic (Beside clinic)
4	Head and Neck case - signs and symptoms ,investigation and management	EN2.7, EN 2.11, EN 2.12	3 hours	OPD station clinic (Beside clinic)
5	Pure tone audiometry , Specimens	EN2.8, EN 4.16 ,EN 4.17	3 hours	OPD station clinic (Beside clinic)
6	Nose case -signs and symptoms ,investigation and management	EN 2.1 , EN 2.2 , EN 2.5, EN.3.2	3 hours	OPD station clinic (Beside clinic)
7	Otoscopy	EN 2.3	3 hours	Skill Lab
8	Xray , OT Instruments	EN2.10, EN2.9	3 hours	OPD station clinic (Beside clinic)
9	Throat case – signs and symptoms, investigation and management	EN 2.1, EN 2.2, EN 2.6 , EN2.7	3 hours	OPD station clinic (Beside clinic)
10	Ear case - signs and symptoms ,investigation and management	EN2.1, EN2.2, EN2.3, EN2.4	3 hours	OPD station clinic (Beside clinic)
11	Anterior nasal packing	EN2.13	3 hours	Skill lab
12	Throat case – signs and symptoms, investigation and management with surgical videos	EN 2.1, EN 2.2, EN 2.6 , EN2.7 EN3.4,EN3.5, EN4.39, EN4.42 ,	3 hours	OPD station clinic (Beside clinic)

		EN 4.48 EN 4.49 EN 4.49 EN 4.50 EN 4.50		
13	Nose case -signs and symptoms ,investigation and management with surgical videos	EN 2.1 , EN 2.2 , EN 2.5, EN.3.2EN3. 2,EN3.4, EN3.5, EN 4.25 TO EN 4.30,EN 4.33	3 hours	OPD station clinic (Beside clinic)
14	Ear case - signs and symptoms ,investigation and management with surgical videos	EN2.1, EN2.2, EN2.3, EN2.4 EN3.1,EN3. 4,EN3.5,EN 4.1 To 4.8, EN 4.10 TO EN 4.12	3 hours	OPD station clinic (Beside clinic)
15	Head and Neck case - signs and symptoms ,investigation and management with surgical videos	EN2.7, EN 2.11, EN 2.12EN3.3, EN3.5, EN 4.38	3 hours	OPD station clinic (Beside clinic)
16	Pure tone audiometry , Specimens	EN2.8, EN 4.16 ,EN 4.17	3 hours	OPD station clinic (Beside clinic)
17	Nose case -signs and symptoms ,investigation and management with surgical videos	EN 2.1 , EN 2.2 , EN 2.5, EN.3.2EN3. 2,EN3.4, EN3.5, EN 4.25 TO EN 4.30,EN 4.33	3 hours	OPD station clinic (Beside clinic)
18	Head and Neck case - signs and symptoms ,investigation and management with surgical videos	EN2.7, EN 2.11, EN 2.12EN3.3, EN3.5, EN 4.38	3 hours	OPD station clinic (Beside clinic)
19	Xray , OT Instruments	EN2.10, EN2.9	3 hours	OPD station clinic (Beside clinic)
20	Throat case – signs and symptoms, investigation and management with surgical videos	EN 2.1, EN 2.2, EN 2.6 , EN2.7 EN3.4,EN3. 5, EN4.39,	3 hours	OPD station clinic (Beside clinic)

		EN4.42 , EN 4.48 EN 4.49 EN 4.49 EN 4.50 EN 4.50		
21	Ear case - signs and symptoms ,investigation and management with surgical videos	EN2.1, EN2.2, EN2.3, EN2.4 EN3.1,EN3.4,EN3.5,EN4.1 To 4.8, EN 4.10 TO EN 4.12	3 hours	OPD station clinic (Beside clinic)
22	Revision		3 hours	OPD station clinic (Beside clinic)
23 &23	End of Posting Examination		3 hours	

Instructions:

To discuss relevant investigation of that particular case during clinic.

Cases

Ear:	COM (Mucosal, squamosal, with/without complication),AOM,Otosclerosis, Peripheral vertigo ,Ototoxicity ,DDSL
Nose :	DNS ,Nasal polyposis ,Epistaxis
Throat:	Acute tonsillitis ,Membranous tonsillitis ,Chronic tonsillitis ,Deep neck space abscesses Vocal nodule / palsy/ polyp
Head and Neck : Surgical videos	Ca maxilla ,Ca larynx ,Thyroid ,Neck masses
Ear :	Tympanoplasty , cortical mastoidectomy , canal wall down mastoidectomy , myringotomy , stapedotomy
Nose:	Septoplasty , fuctional endoscopic sinus surgery , DCR
Throat :	tonsillectomy and TAR
Head and neck :	ML scopy , DL scopy , thyroid , parotid , laryngectomy

**Bharati Vidyapeeth Deemed To Be University Medical
College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester
DEPARTMENT OF RADIODIAGNOSIS**

SL NO	TOPIC	COMPETENCY	CONTENT	INTEGRATION
1	Introduction Radiation And its Protection	RD1,1 RD1.2	• Dept layout • Equipment • Electromagnetic spectrum • Xrays production properties interaction with matter • Units • Radiation protection	
2	Respiratory system	RD 1.5,1.8 , 1.10,1,11 AN 25.7 , IM 3.7 3.11,6.12, 8.9,13.12.18.9 PE 34.8	• Radiological anatomy in Xray chest CT and MRI • Methods to investigate • Basic radiological appearances in diseases of Diaphragm- eventration, diaphragmatic hernia, phrenic nerve palsy Pleura- pleural effusion, loculated effusion, pneumothorax hydropneumothorax Pleural tumors Lung- collapse consolidation ,infective pneumonias , Covid 19 and tuberculosis	
3	Respiratory system	RD 1.5, 1.6,1.8 , 1.7 AN 25.7 , IM 3.7,13.12.18.9 3.11,6.12,18.9 PE 34.8, 23.13	Radiological appearances of • Lung tumors • Mediastinal anatomy masses in anterior, middle and posterior	

			mediastinum • Pediatric respiratory diseases	
4	Cardiovascular system	RD 1.5 ,1.7, AN 25.7, IM 1.19, 3.7, 6.12, PE 23.13, ,34.8 RD 1.10 IM 18.9	• Radiological anatomy on Xray ,CT and MRI • Methods to investigate CVS • Radiological appearances of common congenital heart disease - cyanotic and acyanotic • Valvular heart disease -mitral aortic tricuspid and pulmonary • Acquired heart disease - ischemic and hypertensive • Cardiomyopathy • Pericardial effusion	
5	Gastro intestinal and Hepatobiliary system	RD 1.5 ,1.6 ,1.7 PE 21.12 AN 54.1 AN 54.2 AN 54.3 AN 25.8 RD 1.8 RD 1.10 IM 18.9	• Radiological anatomy on X-ray & CT • Methods of Imaging (Plain X-ray, USG, CT) • Plain Radiograph appearances in acute abdomen. • Imaging in common malignancies of GIT. • Paediatric abdominal masses • Disorders of hepatobiliary system & pancreas (Congenital & acquired)	
6	Genitourinary System	RD 1.5, 1.6, 1.7, 1.8, 1.10, 1.11, IM 10.19, PE 21.12, PE 21.13	• Radiological anatomy X-ray KUB/IVU/USG/CT/MRI • Methods to inv GUS • Basic Radiological appearance	

			Common medical conditions, Common surgical conditions, Paediatric diseases, Common Malignancies	
7	Musculo skeletal system (MSK)	Competency RD 1.5, 1.6, 1.7, 1.8, 1.9, 1.10 AN 13.4, 20.6, 43.7 IM 7.18 PE 28.17	• Indications & methods of Imaging of MSK. • Imaging of fractures • Soft tissue injuries • Skeletal dysplasias. • Metabolic & hormonal disorders of bones. • Infections of bones & joints. • Bone tumours.	
8	CNS	RD 1.5, 1.6, 1.7 AN 43.7 IM 6.12 IM 18.9 IM 19.7	• Radiological anatomy on X-ray /CT/MRI • Evaluation of head injury • Imaging in movement disorders. • Congenital & inflammatory conditions of CNS. • CNS tumours in paediatric & adults.	
9	Interventional radiology	RD 1.9 AN 43.8 IM 18.9	• Modalities • Biopsy procedures • Drainage procedures • Vascular procedures Arterial route of carotid & vertebral angiography. venous • Non vascular procedures • Hepatobiliary Git Gus bones joints	
10	Emergency		• Polytrauma	

	Radiology		• Stroke • Pulmonary embolism • Acute Abdomen • Acute Limb Ischemia	
	End of Theory Examination			

**Bharati Vidyapeeth Deemed To Be University Medical
College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester
DEPARTMENT OF RADIODIAGNOSIS
Small group teaching Schedule:**

Sl no	Topic	Competency	Content	Integration
1	Abd Ultrasound small parts and Colour doppler	RD1,4,1,5,1.6,1.8	• Basic physics of generation of ultrasound and colour doppler • Probes • Common lesions of abdomen covering GIT, Hepatobiliary ,urogenital, vascular systems and Small parts	
2	Antenatal ultrasound and PNDT	RD 1.4,1.12, 1,13	• Antenatal ultrasound of the first second and third trimester and disease coditions • PNDT ACT • Forms that are to be filled • Returns	
3	CT BRAIN + MR Brain	RD 1.5, 1.6 RD 1.10 IM 6.12	• CT MRI Eqpt & Physics • MR sequences & application • CT Brain anatomy. • MRI Brain anatomy. • Role of CT in evaluation of Headache, Head injury, Stroke Infection & tumours. • Role of MRI in Stroke, Head injury CNS infection & tumours	
4	CT BODY	RD 1.5, 1.6, 1.7 RD 1.10 AN 54.3 IM 6.12	• CT Chest & Abdomen anatomy • CT Chest in paediatric congenital / acquired condition. • CT in interstitial lung disease. • CT in abdomen & chest trauma • CT Abdomen in inflammatory / neoplastic conditions of abdomen.	
5	MRI Body & Spine	RD 1.5, 1.6, 1.7 AN 54.3 IM 5.13, IM 18.9 IM 19.7 PE 30.23	• Basic MRI sequences for body & spine imaging. • MRI safety & interpretation • MRI in musculoskeletal disorders • Role of MRI in abdominal disease (including hepatobiliary system). • MRI evaluation of spine -Degenerative disorders	

			-Infections -Spinal Trauma -Spinal tumours	
6	EYE IMAGING	AN 43.7 RD 1.2 IM 18.9	• Basic Radiologic anatomy Orbit. • Radiologic modality relevant to eye disease X-ray/USG/CT/MRI • Imaging in in common congenital conditions. • Orbital Trauma • Acquired eye diseases / benign masses • Orbital tumours	
7	ENT & DENTAL IMAGING	RD1.3 RD1.8 AN 43.7 IM 6.12 IM 18.9 PE 28.17	• Radiologic Anatomy PNS / Mandible • Radiologic modality for ENT diseases X-ray/OPT/CT/MR. • Imaging in sinonasal infections • Sinonasal masses benign / malignant. • Facial Trauma	
8	Mammography and Procedures	SU25.3 RD 1.4 ,1.5,1,6 AN59.2,25.8	• Mammography • Sonomammography • Ba swallow • Ba meal • Ba enema • HSG • IVU • RGU • MCU	

**Bharati Vidyapeeth Deemed To Be University Medical
College Pune
III MBBS Part II Batch 2023-24(CBME): VIII and IX Semester**

**Clinical Posting: DEPT OF
RADIOLOGY**

DAYS ALLOCATED	TOPICS	COMPETEN CY No	HOUR S REQD	TEACHING METHOD
1	Definition of radiation Electromagnetic spectrum Evolution of radiology Common radiological investigations in ENT, Ob Gy, Int medicine	RD 1.1 RD1.2 RD 1.3 1.4 1.5	3	Demonstration
2	Indications for radiological invest in surgery and pediatrics Interpretation of Xray chest Identify Xray machines Identify ultrasound machines Cross sectional anatomy at T8,T10,L 1 And pelvis male and female Identify CT and MRI machines	RD 1.6, 1.7 PE 34.8 ,PE 23.13 AN5.7 AN51.1, 51.2	3	Demonstration
3	Preparation and technique for conventional radiological invest	RD1.1 1 AN54.2 AN 25.8	3	Demonstration

4	Xray findings in abnormalities of extremities Ultrasound findings in liver and GB disease Renal disease CT in hepatobiliary disease MRI of hepatobiliary disease	AN 13.4 20.6 IM7.18 IM5.13 IM 10.19 IM5.13 AN 54.3 IM5.13	3	Demonstration
5	Xray findings in Ac abdomen , ICU Xrays PNS , Mastoid Ultrasound of small parts CT of ENT, Eye ,small parts MRI of ENT Eye and small parts	PE 28.17	3	Demonstration
6	Application of Interventional Radiology	RD1.9	3	Demonstration
	Radiation protection in conventional Radiology CT and Intervention MRI safety Ultrasound safety	RD 1.12	3	Demonstration
8	Test		3	Demonstration

	Preparation for ultrasound Preparation for CT Preparation for MRI including MRI safety Interpretation of extremity Xrays	AN 13.4, 20.6		
9	Common plain Xray findings in CVS, RS, Abdomen, Skull and Spine Antenatal ultrasound in first and third trimester including PNDT act Common CT findings in CNS, Chest Abdomen Extremities Common MRI findings in CNS CVS Abdomen extremities	AN 27.7 M 1.19 3.7 PE 34.18 PE 21, 13, PE 23.13, PE 28.17 RD 1.13 OG 9.4 IM 3.11 IM 6.12 IM 6.12	3	Demonstration
10	Common conventional radiological invest	RD 1.3, 1.4, 1.5, 1.7 1.8	6	Demonstration
	Common ultrasound abnormalities in pregnancy			
	Common CT findings in abdomen	OG 9.4		
11	Common MRI findings in brain and spine IM 6.12			Demonstration
12	End of posting clinical examination			

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)

VIII and IX Semester
DEPARTMENT OF Anesthesiology
Lectures Schedule

Lect. no.	Topic	Content	Competency	Integration
1	-Anaesthesiology as a specialty.	- Evolution of Anaesthesiology as a modern specialty - History - Sub specialties	AS1.1 AS1.2	
2	-Preoperative evaluation -Preanaesthesia medication	- History taking ,clinical examination as a part of PAC, fitness /readiness for surgery	AS3.1, AS3.5 AS3.6	Horizontal General surgery
3	-Pharmacology of drugs for general anaesthesia	- Sedatives, IV Induction agents - Inhalational agents	AS4.1 PH1.18	Vertical Pharmacology
4	-Drugs and Adjuvants for regional anaesthesia	- Local Anaesthetic Agents - LAST - Adjuvants	AS5.4	
5	-Neuromuscular blocking agents	-Anatomy & physiology of NM Junction -Depolarising & Non-depolarising muscle relaxants	AS4.1 PY 3.4 PH1.15	Vertical Physiology
6	-Spinal anaesthesia	- Anatomy , Indications , Contraindications, Technique and Complications	AS5.1 AS5.2	
7	Epidural and Caudal anaesthesia	- Anatomy , Indications , Contraindications, Technique and Complications	AS5.5	
8	-Brachial plexus block and other peripheral nerve blocks	- Anatomy and techniques of Brachial plexus - Upper and Lower extremity nerve blocks	AS5.3	Vertical Anatomy
	Term end examination			__8__ hours

Bharati Vidyapeeth Deemed To Be University Medical College Pune
III MBBS PART II 2023-2024(CBME Curriculum)
VIII and IX Semester

DEPARTMENT of ANAESTHESIOLOGY
Small group teaching Schedule: ____

Sr. No.	Topic	Content	Competency No.	SGT Method*
1	General Anaesthesia	-Anatomy of airway & implications -Technique of GA -Monitoring	AS4.2 AS4.4 AS4.5	Group discussion
2	Post Anaesthesia recovery	-Principles of monitoring and resuscitation in recovery room. -common complications and principles of management	AS6.1 AS6.3	Group discussion
3	Day care anaesthesia: Anaesthesia outside operating Room(OR)	-Ambulatory surgeries Selection, discharge criteria -Outlets, Procedures, Challenges, Equipment	AS4.6 AS4.7	Seminar
4	Pain	-Anatomical correlates and physiology of pain -Pharmacology of drugs used in acute pain management, -Principles of pain management in palliative care and terminally ill	AS8.1 AS8.3 AS8.4 AS8.5	Group discussion
5	IV Fluids Blood	-Principles of fluid therapy in perioperative period -Blood products and their use in perioperative settings	AS9.3 AS9.4	Tutorial

Bharati Vidyapeeth Deemed To Be University Medical College Pune

III MBBS PART II 2023-2024(CBME Curriculum)

DEPARTMENT OF Anesthesiology

Clinical Posting Schedule:

(Total weeks; 2, 12 days x 3hours per day = 36 hours)

Day of posting	Topic/s	Competency	Hours	Teaching learning method: bedside clinic/ Skills lab/ Clinical clerkship
1	Preoperative Anaesthetic Evaluation: -Elicit, and document history -Clinical examination in a patient undergoing surgery. - Choose, interpret appropriate testing and readiness for surgery.	AS3.2 AS3.3 AS3.4 AS3.5	3	Bedside clinic Visit to PAC OPD
2	General Anaesthesia:- -Observe and describe principles and the practical aspects of induction and maintenance of anaesthesia	AS4.3	3	Visit to Operation Theatre
3	Steps/techniques in monitoring patients during anaesthesia	AS4.5	3	Bed side clinic
4	Regional Anaesthesia: -Observe and describe the steps/techniques involved in spinal, epidural and peripheral nerve blocks	AS5.1 AS5.3	3	Video sessions Introduce to equipments used for regional blocks
5	Post anaesthesia recovery: -Observe and enumerate the contents of crash cart and describe equipments used in recovery room	AS6.2	3	Bed side clinic Visit to Post anaesthesia care unit (PACU)
6	Intensive care management: -Visit to ICU, functions, basic setup -Admission/discharge criteria to ICU -Observe and describe management of unconscious patient	AS7.1, AS7.2 AS7.3	3	Visit to ICU DOAP session
7	Cardiopulmonary Resuscitation: - Enumerate the indications, describe the steps and demonstrate in a simulated environment, Basic Life Support(BLS) in adults, children and neonates	AS2.1	3	Skills lab visit DOAP Manikin training

8	Enumerate the indications, describe the steps and demonstrate in a simulated environment, Advanced Cardiac Life Support(ACLS) in adults and children	AS2.2	3	Skills Lab Visit DOAP Manikin training
9	-Establish intravenous and central venous access in a simulated environment -Participate as a member in team for resuscitation of Polytrauma victim by doing all of the following: (a) IV access central-peripheral (b) Bladder catheterisation (c) Endotracheal Intubation (d) Splintage	AS9.1,AS9.2 OR13.2	3	Skills lab session Case discussion
10	Demonstrate airway maintenance and recognize and management of tension pneumothorax.	SU17.10	3	DOAP session Skills lab
11	Instruments		3	
12	Term End			

Bharati Vidyapeeth Deemed To Be University Medical College Pune
DEPARTMENT OF OPHTHALMOLOGY
VIII and IX Semester
III MBBS PART II 2023-2024(CBME Curriculum)
Lectures Schedule: Duration:

Lecture no.	Topic	Content	Competency	Integration
1	Anatomy of the eye and embryology	a) Anatomy of the eye b) Draw diagram of the cross section of eye ball and label accurately its various parts. c) Describe various parts of eye ball and their functions d) Vascular and nervous supply to the eye Embryology of the eye	AN 41.1	Anatomy
2	Physiology of vision ➤ Vision ➤ Color vision Binocular single vision	a) Name the types of vision b) Enumerate the tests for vision c) Enumerate the types of visual pigments d) Describe the bleaching cascade e) Name the theories of color vision f) Name the tests for color vision Mention the grades of Binocular Single Vision	PY 10.17, OP 1.1	Physiology
3	Refractive errors – I ➤ Emmetropia ➤ Myopia ➤ Hypermetropia	• Define emmetropia • Describe the optics of the emmetropic eye • Define Myopia • Draw a ray diagram of myopia • Classify myopia • Mention 4 features of pathological myopia • Discuss the treatment modalities of myopia • Define Hypermetropia • Draw a ray diagram of hypermetropia • Classify Hypermetropia • Mention the treatment modalities of hypermetropia	OP 1.2, 1.4	
4	Refractive errors – II ➤ Astigmatism ➤ Presbyopia	• Define astigmatism • Mention the classification of astigmatism	OP 1.2, 1.4	

	➤ Aphakia/pseudophakia ➤ Retinoscopy	• Draw a ray diagram of types of astigmatism • Draw and explain the Sturm's conoid • Discuss the management of astigmatism • Define presbyopia • Discuss the treatment modalities of Presbyopia • Define Aphakia • Enumerate the ocular signs of Aphakia • Enumerate the 3 modes of Aphakia correction and their advantages and disadvantages of each mode of aphakic correction • Define anisometropia and aniseikonia		
5	Conjunctiva – I ➤ Anatomy and functions ➤ Classification of conjunctivitis ➤ Bacterial conjunctivitis ➤ Viral conjunctivitis	• Enumerate the 5 parts of conjunctiva • Enumerate functions of conjunctiva • Enumerate the differences between conjunctival and ciliary congestion • Classify conjunctivitis - Enumerate 3 signs of each type of conjunctivitis. • Mention the etiology and clinical features of bacterial conjunctivitis • Describe the symptoms and signs of bacterial conjunctivitis • Discuss the treatment of bacterial conjunctivitis • Mention the etiopathogenesis and management of Ophthalmia Neonatorum • Discuss clinical features and management of viral conjunctivitis	OP 3.3	
6	Conjunctiva – II ➤ Trachoma ➤ Allergic conjunctivitis ➤ Degenerations of conjunctiva	• Describe the clinical features, classification, complications, management and prophylaxis of trachoma • Enumerate the types of allergic conjunctivitis. • Discuss symptoms and signs of allergic	OP 3.4, 3.5, 3.6	

		- conjunctivitis - Classify groups of drug used in allergic conjunctivitis with their mechanism of action in detail - Define Pterygium. discuss the etiopathogenesis, clinical features and management of Pterygium - Discuss etiology, clinical features and management of conjunctival xerosis		
7	Cornea – I ➤ Anatomy Of Cornea ➤ Transparency Of Cornea ➤ Methods of examination of cornea ➤ Precorneal tear film and dry eye	- Draw diagram of cross section of cornea and label its layers. - Enumerate reasons for corneal transparency. - Function of cornea - Describe various methods of assessment of cornea - Precorneal Tear film - Etiology, clinical features of dry eye - Various tests for dry eye - Management of dry eye	OP 4.3,4.4	
8	Cornea – II ➤ Bacterial And Fungal Corneal Ulcer	- Write definition of corneal ulcer and stages. - Enumerate symptoms and signs of corneal ulcer - Write groups of drugs in management of bacterial corneal ulcer. - Enumerate specific features of fungal corneal ulcer. - Enumerate fungi causing fungal Keratitis - Mention classes of antifungal drugs - Causes of non healing corneal ulcer - Complications of corneal ulcer	OP 4.1, 4.2	
9	Cornea – III ➤ Viral keratitis ➤ Keratoconus ➤ Non infective keratitis ➤ Corneal dystrophies and degeneratio	- Describe specific signs of viral Keratitis. - Write etiology, clinical features and management of H.simplex keratitis. - Write etiology, clinical features and management of H.zoster Ophthalmicus. - Name topical antiviral agents. - Write etiology, clinical	OP 4.1, 4.2	

	ns	features and management of keratoconus • Exposure Keratitis, interstitial keratitis, neuroparalytic Keratitis • Discuss differences between dystrophy and degeneration. • Enumerate five corneal dystrophies.		
10	Cornea – IV ➤ Keratoplasty ➤ Eye banking	• Definition of keratoplasty • Types of keratoplasty • Surgical steps and complications of keratoplasty • Eye donation –indications, contraindications, procedure of cornea harvesting and methods of preservation of corneal tissue, • Eye banking –organization and functions of eye bank	OP 4.6,4.9	
11	Uvea – I ➤ Anatomy of the Uvea ➤ Classification of uveitis ➤ Anterior uveitis	• Enumerate parts of the Uvea. • Discuss functions of each part. • Describe the methods of classification of uveitis with their subtypes. • Discuss the causes of uveitis. • Enumerate symptoms of acute anterior uveitis. • Describe signs of acute anterior uveitis . • Classify the two groups of drugs used for treatment of acute anterior uveitis. Discuss their mechanism of action. • Discuss the complications of acute anterior uveitis	OP 6.1,6.2,6.3,6.6,6.8	
12	Uvea – II ➤ Intermediate uveitis ➤ Chorioretinitis ➤ Endophthalmitis ➤ Panophthalmitis ➤ Sympathetic ophthalmitis	• Enumerate symptoms and signs of intermediate uveitis • Enumerate etiology, clinical features and management of chorioretinitis • Define Endophthalmitis/ Panophthalmitis • Enumerate etiological causes of endophthalmitis. • Discuss signs and symptoms of	OP 6.2, 6.3	

		endophthalmitis. • Enumerate treatment modalities • Differentiate between phthisis bulbi and atrophic bulbi • Define Panophthalmitis. Write its etiology clinical features and management.		
13	Lens & Cataract - I ➤ Anatomy of lens ➤ classification of cataract ➤ congenital cataract ➤ stages of cataract ➤ clinical features of cataract ➤ preoperative evaluation of a case of cataract	• Draw a diagram of cross section of the crystalline lens and label its parts. • Describe the functions of the lens and cataractogenesis • Mention the etiological classification of cataract. • Mention the anatomical classification of cataract. • Write etiology, clinical features and management of congenital cataract • Enumerate stages of cortical cataract. • Enumerate grades of nuclear sclerosis. • Discuss symptoms of senile cataract	OP 7.1,7.2	
14	Lens and cataract II ➤ Cataract surgeries ➤ Post op management ➤ Complications of cataract surgeries ➤ IOLs		OP 7.3, 7.4	
15	Glaucoma – I ➤ Angle of anterior chamber ➤ IOP regulation ➤ Pathophysiology of glaucomatous changes ➤ Investigations in a case of glaucoma ➤ Classification	• Draw a labeled diagram of angle of AC. • Discuss methods of secretion of aqueous humour. • Discuss the circulation and drainage of Aq. Humour. • Discuss factors affecting IOP • Define glaucoma. • Describe the classification of glaucoma and its subtypes	OP 6.5, 6.6,6.7	

	on of glaucoma			
16	Glaucoma – II ➤ Congenital glaucoma , ➤ Angle closure glaucoma	• Define Buphthalmos. write differential diagnosis of cloudy cornea. • Enumerate signs of Buphthalmos. • Enumerate surgical procedures for treatment of congenital glaucoma • Mention the D/D of acute red eye • Define PACG. • Describe stages of ACG. • Describe management Primary angle closure glaucoma	OP 6.5, 6.7	
17	Glaucoma – III ➤ Open angle glaucoma, ➤ Secondary Glaucomas	• Define ocular hypertension and POAG • Describe the disc changes in POAG • Describe the visual field changes in POAG • Describe management Primary open angle glaucoma • Enumerate major causes of secondary glaucoma. • Aetiopathogenesis of secondary glaucoma	OP 6.7	
18	Retina - I ➤ Anatomy of the Retina & functions ➤ Rhodopsin cycle ➤ Methods of examination of retina, ➤ Diabetic Retinopathy	• Draw and label correctly a diagram of the gross anatomy of retina. Describe the zones of the retina • Draw and label correctly a cross section of retina • Mention the vascular supply and drainage of the retina • What are the methods of examination of retina • Discuss the aetiopathogenesis of Diabetic Retinopathy. • Discuss the stages of DR. • Discuss modalities of laser therapy for treatment of DR	AN 41.1 OP 8.2,8.3,8.4	
19	Retina - II ➤ Hypertensive retinopathy ➤ CRAO, ➤ CRVO,	• Discuss the grades of the hypertensive retinopathy • • • Mention the fundus	OP 8.1, 8.2,8.4	

	➤ Retinal Detachment, ➤ Retinitis pigmentosa	findings in Retinitis pigmentosa • Mention the etiology of vascular occlusive diseases of retina • Enumerate diagnostic Signs of CRAO. • Enumerate diagnostic Signs of CRVO • Definition of RD. • Classify types of RD and its subtypes. • Mention predisposing factors for RD • Describe mechanisms of RD • Discuss symptoms and 3 signs of RD. • Enumerate Modalities of treatment for RD.		
20	Optic Nerve ➤ Papilloedema ➤ Papillitis ➤ Optic atrophy	• Describe parts of Optic nerve • Describe the anatomy of the optic nerve head • Definition of Papilloedema • Enumerate causes of Papilloedema • Describe Signs of Papilloedema on fundus Examination • Define Optic Neuritis. • Classify optic neuritis • Write symptoms and 2 diagnostic signs of Optic Neuritis. • Describe types of Optic Atrophy with diagnostic signs of each	OP 8.5	
21	Neuro-ophthalmology Visual pathway Pupillary pathway	• Draw a well labeled diagram of the visual pathway • Describe basic visual field • Describe the basic types of visual field defects a) Draw well labeled diagrams of the pupillary pathways b) Name 2 afferent and 3 efferent pupillary defects c) Causes of mydriasis, miosis and RAPD	OP 8.5, PY 10.17 PY 10.18	Physiology
22	Lid I anatomy of the lid Ptosis	• Define and classify ptosis • Name surgical procedures	OP 2.1, 2.3	

	➤ Entropion ➤ ectropion, ➤ lagophthalmos, Lid infections	for ptosis correction • Define entropion/ ectropion. • Enumerate types of entropion/ ectropion. • Describe clinical signs and treatment of lagophthalmos Stye ,Chalazion Hordeolum Internum		
23	Lacrimal apparatus Acute Dacryocystitis- ➤ Chronic dacryocystitis ➤ Congenital NLD obstruction	• Enumerate types of Dacryocystitis. • Describe signs of acute and chronic Dacryocystitis • Mention surgical procedures for chronic Dacryocystitis. • Enumerate surgical steps of DCT and DCR. • Describe etiopathogenesis and management of congenital nasolacrimal duct obstruction	OP 2.1, 2.3	
24	Lecture Orbit - I ➤ Anatomy, ➤ Spaces of orbit, ➤ Proptosis	• Enumerate the spaces of the orbit • Draw and label a diagram of the apex of the orbit • Enumerate the contents of the orbit • Enumerate types of orbital cellulitis. • Describe diagnostic signs of orbital cellulitis	OP 2.4	Anatomy
25	Lecture Orbit - II , ➤ Orbital cellulitis, ➤ Cavernous sinus thrombosis ➤ Thyroid orbitopathy	• Draw and correctly label a diagram of the cavernous sinus with its tributaries. • Discuss diagnostic signs of cavernous sinuses thrombosis • Mention common causes of proptosis in adults • Mention common causes of proptosis in children • Discuss investigation of proptosis • Classify thyroid orbitopathy • Mention management of proptosis	OP 2.5, 2.6	
26	Ocular Injuries ➤ Ocular injuries-Classification ➤ Chemical injuries	• Classify ocular injuries. • Mention miscellaneous causes of ocular injuries • Describe mechanism of blunt injuries of the globe • Mention two types of	OP 9.5	

	➤ Blunt injuries - Anterior segment ➤ Blunt injuries - Posterior segment	chemical injuries • Discuss emergency treatment of chemical ocular injuries • Enumerate blunt injuries of the anterior segment • Mention the emergency treatment of contusion injuries • Describe traumatic Hyphaema and its management • Enumerate the posterior segment injuries of the globe		
27	Lecture Squint - I ➤ Extra-ocular muscles-anatomy ➤ Actions and nerve supply ➤ Binocular vision ➤ monocular and binocular ocular movements ➤ Classification of squint ➤ Paralytic squint	• Describe the origin and insertion of 6 extra ocular muscles • Mention the actions of EOMs • Mention the nervous control of EOMs • Mention grades of binocular single vision • Define squints • Classify squints • Enumerate sensory and motor adaptations to squint • Definition of phoria and tropia • Discuss signs of paralytic squint • Discuss etiological factors of paralytic squint. •	AN 41.3 OP 9.1	Anatomy
28	Lecture Squint - II ➤ Concomitant squint ➤ Assessment of squint ➤ Amblyopia - causes assessment and reference ➤ Management of squint	• Describe the diagnostic signs of concomitant squint. • Differences between concomitant squint and paralytic squint. • Describe tests for detection of phorias. • Assessment of squint • Management of squint • Classify amblyopia • Mention test for amblyopia • Enumerate treatment modalities of amblyopia	OP 1.5, 9.2	
29	Intraocular Tumors ➤ Retinoblastoma	• Write clinical features and management of retinoblastoma	OP 2.7 PA 36.1	

	➤ Malignant melanoma ➤ Enucleation ➤ Evisceration ➤ Exenteration	• Write differential diagnosis of leucocoria • Write clinical features and management of malignant melanoma • Define Enucleation, evisceration and exenteration. write indications and contraindications of each of them		
30	Ocular Therapeutics ➤ Ocular drug delivery systems ➤ Mydriatics and cycloplegics ➤ NSAIDs ➤ Steroids and immune suppressive agents ➤ Artificial tear substitutes ➤ Antiglaucoma drugs - Miscellaneous	• Write pharmacological action, indications and contraindications of each of the following drugs • Atropine sulphate 1% • Steroids • Tear substitutes • Timolol maleate eye drops • pilocarpine • Acetazolamide	PH 1.58	Pharmacology
31	Community Ophthalmology ➤ Blindness-definition causes and prevention ➤ NPCB and DBCS ➤ Ophthalmic camps ➤ Vitamin A deficiency & Keratomalacia, ➤ Basics of Eye donation & Keratoplasty, ➤ Trachoma control programme	• Mention WHO classification of blindness • Describe types of blindness Enumerate 5 important causes of blindness. • Vision 2020 • Name diseases identified in vision 20-20. • Enumerate goals of vision 20-20. • Enumerate levels of eye care seen in the community with services available in each. • Rehabilitation of blind, school health programmes • WHO classification of Vit A deficiency • Enumerate natural sources of Vit A • Write the daily	OP 9.4	Community Medicine

	➤	requirement of Vit A, therapeutic dose of Vit A, prophylactic dose of Vit A. • Mention the role of Vitamin A in the eye • Define keratomalacia • Mention causes , clinical features and management of keratomalacia •		

Bharati Vidyapeeth Deemed To Be University Medical College Pune
DEPARTMENT OF OPHTHALMOLOGY
VIII and IX Semester
III MBBS PART II 2023-2024(CBME Curriculum)

Small group teaching Schedule: __

Sr. No.	Topic	Content	Competency No.	SGT Method*
1	Tutorial- Anatomy of the eye and embryology		AN 41.1	Tutorial
2	Tutorial- Physiology of vision		PY 10.17 OP 1.1	Tutorial
3	Refractive errors – I	➤ Emmetropia ➤ Myopia - Hypermetropia	OP 1.2 OP1.4	Tutorial
4	Refractive errors – II	➤ Astigmatism ➤ Presbyopia	OP 1.2 OP1.4	Tutorial
5	Refractive Error	➤ Aphakia/pseudophakia - Retinoscopy	OP 1.2 OP1.4	Tutorial
6	Conjunctiva – I	➤ Anatomy and functions ➤ Classification of conjunctivitis ➤ Bacterial conjunctivitis ➤ Viral conjunctivitis	OP3.4,3.5,3.6	Tutorial
7	Conjunctiva – II	➤ Trachoma ➤ Allergic conjunctivitis ➤ Degenerations of conjunctiva	OP3.4,3.5,3.6	Tutorial
8	Cornea I	➤ Anatomy Of Cornea ➤ Transparency Of Cornea ➤ Methods of examination of cornea Precorneal tear film and dry eye	OP 4.3,4.4	Tutorial
9	Cornea II	➤ Viral keratitis ➤ Keratoconus ➤ Non infective keratitis Corneal dystrophies and degenerations	OP 4.1,4.2	Tutorial
10	Cornea		OP 4.3,4.4	Tutorial
11	Cornea		OP 4.1,4.2	Tutorial
12	Cornea III	➤ Viral keratitis ➤ Keratoconus ➤ Non infective keratitis Corneal dystrophies and	OP 4.1,4.2	Tutorial

		degenerations		
13	Cornea IV	• Keratoplasty • Eye banking	OP 4.1,4.2	Tutorial
14	Uvea	➤ Anatomy of the Uvea ➤ Classification of uveitis Anterior uveitis	OP 6.1,6.2,6.3,6.6, 6.8	Tutorial
15	Uvea – I	II ➤ Intermediate uveitis ➤ Chorioretinitis ➤ Endophthalmitis ➤ Panophthalmitis Sympathetic ophthalmitis	OP 6.1,6.2,6.3,6.6, 6.8	Tutorial
16	Uvea – II		OP 6.2,6.3	Tutorial
17	Lens & Cataract - I	➤ Anatomy of lens ➤ classification of cataract ➤ congenital cataract ➤ stages of cataract ➤ clinical features of cataract preoperative evaluation of a case of cataract	OP 7.1,7.2	Tutorial
18	Lens & Cataract - II	➤ Cataract surgeries ➤ Post op management ➤ Complications of cataract surgeries IOLs	OP 7.3,7.4	Tutorial
19	Glaucoma – I	➤ Angle of anterior chamber ➤ IOP regulation ➤ Pathophysiology of glaucomatous changes ➤ Investigations in a case of glaucoma Classification of glaucoma	OP 6.5,6.6,6.7	Tutorial
20	Glaucoma – II	➤ Congenital glaucoma , ➤ Angle closure glaucoma	OP 6.5,6.7	Tutorial
21	Glaucoma – III	➤ Open angle glaucoma, ➤ Secondary Glaucomas	OP 6.7	Tutorial
22	Retina I	➤ Anatomy of the Retina & functions ➤ Rhodopsin cycle ➤ Methods of examination of retina, ➤ Diabetic Retinopathy	OP 8.2, 8.3, 8.4	Tutorial
23	Anatomy and Blood Supply of Retina	Anatomy and blood supply of retina	AN 41.1	Tutorial
24	Retina II	➤ Hypertensive retinopathy ➤ CRAO, ➤ CRVO, ➤ Retinal Detachment, ➤ Retinitis pigmentosa	OP 8.1,8.2,8.4	Tutorial
24	Diabetic		OP 8.2,8.4	Tutorial

	Retinopathy			
25	Optic Nerve	➤ Papilloedema ➤ Papillitis Optic atrophy	OP 8.5	Tutorial
26	Neuro-ophthalmology Visual pathway Pupillary pathway	Neuro ophthalmology Visual pathway Pupillary pathway	OP 8.5, PY 10.17 PY 10.18	Tutorial
27	Lacrimal apparatus Acute Dacryocystitis	Lacrimal apparatus Acute Dacryocystitis- ➤ Chronic dacryocystitis Congenital NLD obstruction	OP 2.1,2.3	Tutorial
28	Orbit – I	➤ Anatomy, ➤ Spaces of orbit, Proptosis	OP 2.4	Tutorial
29	Orbit II	➤ Orbital cellulitis, ➤ Cavernous sinus thrombosis Thyroid orbitopathy	OP.2.5,2.6	Tutorial
30	Ocular Injuries	Blunt trauma Penetrating trauma Chemical injuries	OP 9.5	Tutorial
31	Lid I anatomy of the lid Ptosis	anatomy of the lid Ptosis ➤ Entropion ➤ ectropion, ➤ lagophthalmos, Lid infections	OP 2.1,2.3	Tutorial
32	Squint – I	➤ Extra-ocular muscles-anatomy ➤ Actions and nerve supply ➤ Binocular vision ➤ monocular and binocular ocular movements ➤ Classification of squint ➤ Paralytic squint	AN 41.3 OP 9.1	Tutorial
33	Squint – II	➤ Concomitant squint ➤ Assessment of squint ➤ Amblyopia- causes assessment and reference ➤ Management of squint	OP 1.5,9.2	Tutorial
34	Intraocular Tumors	➤ Retinoblastoma ➤ Malignant melanoma ➤ Enucleation, ➤ Evisceration Exenteration	OP 2.7 PA 36.1	Tutorial
35	Ocular Therapeutics	➤ Ocular drug delivery systems ➤ Mydriatics and cycloplegics ➤ NSAIDs ➤ Steroids and immune suppressive agents ➤ Artificial tear substitutes ➤ Antiglaucoma drugs Miscellaneous	PH 1.58	Tutorial

36	Community Ophthalmology	➤ Blindness- definition causes and prevention ➤ NPCB and DBCS ➤ Ophthalmic camps ➤ Vitamin A deficiency &Keratomalacia, ➤ Basics of Eye donation &Keratoplasty, ➤ Trachoma control programme	OP 9.4	Tutorial
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**Bharati Vidyapeeth Deemed To Be University Medical College
Pune**

DEPARTMENT OF OPHTHALMOLOGY

VIII and IX Semester

III MBBS PART II 2023-2024(CBME Curriculum)

Clinical Posting Schedule: ____

(Total weeks 4 ; 23 days x 3hours per day = 92hours)

Day of posting	Topic/s	Competency	Hours	Teaching learning method: bedside clinic/ Skills lab/ Clinical clerkship
1	History taking /symptomatology Examination of the eye	OP 2.1	3 Hrs.	bedside clinic/
2	Refractive errors - Visual acuity (with and without Pin hole) - Retinoscopy - Autorefractometer - Stenopic slit - Subjective correction - Duochrome test - Lenses - Mydriatics and cycloplegics	OP 1.3,2.3	3 Hrs.	bedside clinic/
3	Conjunctiva - Infective and allergic conjunctivitis - Pterygium Surgical videos and instruments	OP3.1,3.2	3 Hrs.	bedside clinic/
4	Case presentation – Corneal ulcer - History taking and Examination of case and management Complications of corneal ulcer Antibiotics, antiviral and antifungal agents - cycloplegics	OP 4.1,4.2,4.7,4.8	3 Hrs.	bedside clinic/
5	Case presentation - iridocyclitis History taking and Examination and management Steroids and NSAIDS	OP 6.2,6.3,6.4	3 Hrs.	bedside clinic/
6	Case presentation –Cataract (examination of a cataract case) - -Pre-Operative preparation for Cataract surgery - IOP - Sac syringing	OP7.3,7.4,7.5,7.6	3 Hrs.	bedside clinic/

	• A scan Biometry • Lab investigations Preoperative preparation of patient (consent, xylocaine sensitivity test, dilatation of pupil)			
7	Surgical management of cataract (live demo - operation theatre) • IOLs Surgical instruments for cataract surgery Case presentation - Post operative management and complications of cataract	OP7.4,7.5,7.6	3 Hrs.	bedside clinic/
8	Case presentation - Pseudophakia/Aphakia History taking and Examination and management	OP7.4	3 Hrs.	bedside clinic/
9	Case presentation - Glaucoma History taking and Examination and management see • IOP • Gonioscopy • Perimetry • Fundus photographs • OCT Antiglaucoma drugs	OP6.6,6.7	3 Hrs.	bedside clinic/
10	Case presentation - Dacryocystitis History taking and Examination and management e • DCT and DCR • Surgical videos Surgical instruments	OP2.1,2.3	3 Hrs.	bedside clinic/
11	Squint Examination • Ocular movements • Cover test • Prism bar cover test • Worth four dot test • Maddox rod test • Diplopia charting Synaptophore	OP9.1,9.2,9.3	3 Hrs.	bedside clinic/

**Bharati Vidyapeeth Deemed To Be University Medical College
Pune**

III MBBS PART II 2023-2024(CBME Curriculum)

DEPARTMENT OF OPHTHALMOLOGY

VI and VIII Semester

Clinical Posting Schedule:

Day of posting	Topic/s	Competency	Hours	Teaching learning method: bedside clinic/ Skills lab/ Clinical clerkship
1	Cataract history taking & examination of a cataract case) Pre-Operative preparation for Cataract surgery	OP 7.3 OP7.5 OP7.6	3 Hrs.	bedside clinic/
2	Surgical management of cataract(Videos - operation theatre) Post-operative management of cataract	OP7.4 OP7.5	3 Hrs.	bedside clinic/
3	Case presentation History taking and Examination and management of case Pseudophakia/Aphakia	OP 7.4	3 Hrs.	bedside clinic/
4	Case presentation - History taking and Examination and management of case of Glaucoma - Investigation of a case of Glaucoma	OP 6.7	3 Hrs.	bedside clinic/
5	Case presentation History taking and Examination and management of a case of Pterygium	OP 3.6	3 Hrs.	bedside clinic/
6	Case presentation - History taking , Examination and management of a case of Dacryocystitis	OP2.3	3 Hrs.	bedside clinic/

7	Case presentation History taking and Examination of a case of Corneal ulcer and management History taking and Examination and	OP 4.7	3 Hrs.	bedside clinic/
8	Squint Examination	OP 9.1 OP9.2 OP9.3	3 Hrs.	bedside clinic/
9	Surgical instruments	OP7.5	3 Hrs.	bedside clinic/
10	Optics Retinoscopy and refraction		3 Hrs.	bedside clinic/
11	Posting ending Assessment		4 Hrs.	

Bharati Vidyapeeth Deemed To Be University
Medical College Pune
DEPARTMENT OF EMERGENCY MEDICINE
Clinical Posting Schedule:

(Total weeks 2 ; 12 days x 3hours per day = _36__ hours)

Day of posting	Topic/s	Hours	Teaching learning met bedside clinic/ Skills Clinical clerkship
1	Introduction to Emergency Medicine Department	3 Hrs.	bedside clinic/
2	Preliminary Assessment of the Patient.	3 Hrs.	bedside clinic/
3	Plan for Definitive Management	3 Hrs.	bedside clinic/
4	Basic of ECG analysis / Arrhythmias	3 Hrs.	bedside clinic/
5	Basics of ACS	3 Hrs.	bedside clinic/
6	CNS - Stroke	3 Hrs.	bedside clinic/
7	Trauma Assessment	3 Hrs.	bedside clinic/
8	Basic Emergency Equipments	3 Hrs.	bedside clinic/
9	Basic Emergency Drugs	3 Hrs.	bedside clinic/
10	Basic Life Support	3 Hrs.	bedside clinic/
11	Basic EMD Procedures	3 Hrs.	bedside clinic/
12	Course Completion Examination	3 Hrs.	

Bharati Vidyapeeth Deemed To Be University Medical College Pune
DEPARTMENT OF EMERGENCY MEDICINE

Clinical Posting Schedule:

(Total weeks 2 ; 12 days x 3hours per day = 36 hours)

Day of posting	Topic/s	Hours	Teaching learning method bedside clinic/ Skills lab Clinical clerkship
1	Introduction to Emergency Medicine Department	3 Hrs.	bedside clinic/
2	Preliminary Assessment of the Patient.	3 Hrs.	bedside clinic/
3	Plan for Definitive Management	3 Hrs.	bedside clinic/
4	Basic of ECG analysis / Arrhythmias	3 Hrs.	bedside clinic/
5	Basics of ACS	3 Hrs.	bedside clinic/
6	CNS - Stroke	3 Hrs.	bedside clinic/
7	Trauma Assessment	3 Hrs.	bedside clinic/
8	Basic Emergency Equipments	3 Hrs.	bedside clinic/
9	Basic Emergency Drugs	3 Hrs.	bedside clinic/
10	Basic Life Support	3 Hrs.	bedside clinic/
11	Basic EMD Procedures	3 Hrs.	bedside clinic/
12	Course Completion Examination	3 Hrs.	



PRINCIPAL
Bharati Vidyapeeth
(Deemed to be University)
Medical College
Pune-411043.

III MBBS (PART II) 2023-24 Batch Alingment and Integration Time Table
(Aligned topics are marked in red, Non Aligned Black).

Month	General Medicine Competency Number	General Medicine Competency Number	General Surgery Competency Number	General Surgery Competency Number	Obstetrics & Gynecology Competency Number	Obstetrics & Gynecology Competency Number	Pediatrics Competency Number	Pediatrics Competency Number	Orthopedics Competency Number	Orthopedics Competency Number	ENT Topics	ENT Comp Nos	Ophthalmology Topics	Ophthalmology Competency Numbers
September 2026			Abdomen	SU28.13 SU28.14	Multiple Pregnancies, Medical Disorders in Pregnancy	OG11.1, OG 12.1, OG 12.2, OG12.3,	1. Seizure Disorders, Status Epilepticus & Febrile Seizures 2. Cerebral Palsy 3. Floppy Infant	PE 30.08 PE 30.09 PE 30.07 PE 30.11 PE 30.06 PE 30.12						
October 26	Pancreatitis		Abdomen	SU28.14 SU28.15	Medical Disorders in Pregnancy	OG12.5, OG12.6,	4. Hydrocephalus and neural tube defects 5. Congenital Heart Disease Approach & Acyanotic 6. Congenital Heart Disease Cyanotic 7. Rheumatic Fever and Heart Disease	PE30.03 PE30.05 PE 23.1 PE 23.2 PE 23.4						
November 26	Spinal cord Part II		Abdomen	SU28.15 SU28.14 SU28.16	Medical Disorders in Pregnancy, Labour,	OG12.7, OG12.8, OG5.1, OG13.1	8. SLE & JRA 9. Hemolytic Anemia and Thalassemia 10. Nephrotic Syndrome, ANG &	PE 22.1 PE 22.3 PE 29.04 PE 21.03 PE 21.02 PE 21.04	Musculoskeletal Infection Skeletal Tuberculosis	OR3.1 OR4.1	Management of diseases of Ear, Nose and Throat (External	EN 4.1, EN 4.2	Anatomy and embryology of eye	

							Hematuria				ear pathology) Anatomy and physiology of ear , nose , throat and head and neck, Clinical Skills	EN 1.1, EN 2.11,	Anatomy and embryology of eye,	
December 26	Thyroid Disorders 2 (Hyperthyroid And Ca Thyroid)	IM12.1, IM12.15	Abdomen	SU28.17 SU28.10	IIIrd Stage Complications, Abnormal Labor,	OG16.1, OG 16.3, OG14.3			Musculoskeletal Infection Metabolic bone disorders Skeletal Tuberculosis Peripheral nerve injuries	OR3.1 OR7.1 OR4.1 OR11.1	Management of diseases of Ear, Nose and Throat (Serous otitis media, Acute otitis media with complication, Chronic otitis media mucosal and squamosal , Squamosal chronic otitis media /Complications of otitis media (intracranial and extra cranial))	EN 4.5, EN 4.3, EN 4.6, EN 4.7, EN 4.8	Physiology of vision-vision, colour vision, binocular single vision,Refractive errors I-emmetropia,myopia,hypermetropia, refractive errors II-astigmatism, presbyopia,aphakia	OP1.1,OPP 1.2,OP1.4,OP1.5

											Managem ent of diseases of Ear , nose and throat, Anatomy and physiolog y of ear , nose , throat and head and neck (Otosclero sis, Inner ear (Meniere' s disease, Vestibular schwannoma, BPPV), Deaf and Mute child Evaluatio n and Cochlear Implant, Facial nerve)	EN 4.1, EN 4.11, EN 3.5, EN 4.21, EN 1.1, EN 4.28	Physiolo gy of vision,Re fractive errors I,refracti ve errors II	OP1.1,O P 1.2,OP1. 4,OP1.5
Jan 27	Nephr otic Syndro me	IM10.8	Abdom en	SU28.11 SU28.12 SU24.1	Uterine Prolapse, Menopause	OG31.1, OG32.1, OG32.2			Musculoskele tal Infection Bone Tumours Degenerative disorders Congenital lesions	OR3.1 OR10.1 OR6.1 OR12.1 OR12.1	Managem ent of diseases of Ear, Nose and Throat	EN 4.20, EN 4.19, EN 4.21, EN 4.12, EN 4.18,	Conjunct iva I- anatomy and functions , classifica tion of conjunctiv itis, Conjunct iva II-	OP3.3, 3.4, OP 3.5, OP 3.6,3.7, OP 4.1,OP4. 2,4.3,4.4

									Congenital lesions		Anatomy and physiology of ear , nose , throat and head and neck, Clinical skills/ Management of diseases of Ear , nose and throat	EN 4.12, EN 1.1, EN 2.15, EN 4.15	trachoma , allergic conjunctivitis and degenerations, Cornea I- anatomy , transparency and methods of examination, Cornea II- bacterial and fungal corneal ulcers	
													Conjunctiva I, Conjunctiva II, Cornea I, Cornea II	OP3.3, 3.4, OP 3.5, OP 3.6, 3.7, OP 4.1, OP4.2, 4.3, 4.4
													SDL-1-Refractive surgeries	
Feb 27 Mar 27			Abdomen	SU24.2 SU24.3	Benign and Pre-Malignant Lesions of Cervix	OG33.1, OG33.3, OG33.4	11. Acute Respiratory infections-1 12. Acute Respiratory infections-2	PE 28.01 PE 28.02 PE 28.03 PE 28.04 PE 28.05 PE 28.06 PE 28.07 PE 28.18	----	----	Management of diseases of Ear, Nose and Throat	EN 4.23, EN 4.24, EN 4.27, EN 4.28,	cornea III-viral keratitis, keratococcus, corneal dystrophies and	OP 4.5, 4.6, 4.7, 4.8, 4.9, OP 5.1, OP 5.2

												EN 4.29, EN 4.33, EN 4.25	degenerations, Cornea IV-keratoplasty and eye banking, Episcleritis, Scleritis	
											Clinical skills/ Management of diseases of Ear, nose and throat, Anatomy and physiology of ear, nose, throat and head and neck	EN 2.13, EN 3.6, P 14.2, EN 4.14, EN 4.47, EN 4.30, EN 4.48, EN 4.50, EN 36.3, EN 1.1	Tutorial - Cornea III, Cornea IV, Episcleritis, Scleritis	OP 4.5, 4.6, 4.7, 4.8, 4.9, OP 5.1, OP 5.2
April May 2027	Thalassemia	IM9.1, 9.2, 9.7, 9.8, 9.11, 9.12, 9.14, 9.17, 9.18, 9.21 PA 16.3	Adrenal gland Urinary system	SU23.1 SU23.3 SU29.1 SU29.2 SU29.3 SU29.4	Benign and Malignant Diseases of Uterus and Ovaries	OG34.1, OG34.2, OG34.3	13. Normal Newborn 14. Neonatal RDS 15. Neonatal Jaundice 16. Birth Asphyxia 17. Neonatal Sepsis	PE 20.1 PE 20.2 PE 20.8 PE 20.19 PE 20.07	-----	-----	Management of diseases of Ear, Nose and Throat	EN 4.32, EN 4.34, EN 4.35, EN 4.31, EN 4.39, EN 4.26, EN 4.37, EN 4.41	Uvea I-anatomy of uvea and classification of uveitis, anterior uveitis, Uvea II-intermediate uveitis, endophthalmitis, panophthalmitis, Lens & Cataract I-anatomy	OP 6.1, 6.2, 6.3, 6.4, OP 6.8, OP 7.1, 7.2

											Managem ent of diseases of Ear , nose and throat	EN 1.1, EN 4.10, EN 40.4, EN 3.5	of lens and classifica tion of cataract, stages of cataract, pre operative evaluatio n of cataract Tutorial- Cornea IV,Uvea I,Uvea II SDL 3- Eye donation and Eye Banking AETCO M bioethics - confident iality	OP 6.1,6.2,6. 3,6.4,OP 6.8,OP7. 1,7.2
June July 2027	Rheum atoid Arthrit is	IM 7.1- IM 7.10	Urinary system	SU29.5 SU29.6	Genital infections, Antenatal Care & Complicati ons in Early Pregnancy	OG27.2. OG27.4, OG 8.7, OG8.8, OG9.1, OG9.3, OG9.5	18. Bronchial Asthma 19. Identification of sick neonate 20. Neonatal surgical conditions	PE 20.16 PE 20.17 PE 28.19 PE 31.05 PE 31.08 PE 31.10 PE 20.20	Metabolic Bone disorders	OR 7.1	Managem ent of diseases of Ear, Nose and Throat	EN 4.43, EN 4.44, EN 4.42, EN 4.45	Lens & Cataract II- cataract surgeries and complica tions, post operative manage ment of cataract, IOLs,Gla ucoma I- IOP	Manage ment of diseases of Ear, Nose and Throat

											Management of diseases of Ear , nose and throat	EN 4.18	regulations , angle of anterior chamber, pathophysiology of glaucoma, Glaucoma II-	
											Management of diseases of Ear, Nose and Throat	EN 4.46, EN 4.38	ACG and congenital glaucoma, Glaucoma III-open angle and secondarily glaucoma, Retina I-	
											Management of diseases of Ear , nose and throat	EN 4.35, EN 4.36	anatomy and functions of retina, rhodopsin cycle, methods of retinal examinations, diabetic retinopathy	
											Neonatal Screening and rehabilitation of Deafness, Ophthalmic Manifestations of ENT Pathologies, Palliative care in terminal Head	EN 2.15, EN 24.17; EN1.2, EN1.1, Su20.1, DE 4.1, DE4.2, DE4.3, DE4.4, EN4.46	Tutorial - Lens & Cataract I,II, Glaucoma I,Glaucoma II,Glaucoma III,Retina	OP 7.4,OP6. 5,6.7,6.9, 8.1,8.2

										Neck Malignanc ies		I AETCO M bioethics - confident iality Retina II Tutorial - Retina I,II SDL 4- Diabetic Retinopa thy	OP 8.4 OP 8.4
Aug ust Sept emb er 2027	Osteoa rthritis & Infecti ve Arthrit is	IM 7.1- IM 7.10	Urinary system	SU29.7 SU29.8 SU29.9	Abnormal Labor, Infertility	OG13.2, OG14.2, OG28.1- OG28.4			Congenital lesions Fractures Rheumatoid Arthritis and associated inflammatory	OR 12.1 OR 2.15 OR 2.1 OR 5.1 Managem ent of diseases of Ear , nose and throat	Managem ent of diseases of Ear, Nose and Throat EN 4.49, EN 4.47 EN 4.53	Optic nerve- papillede ma,papili tis, optic atrophy, Neuroop hthalmol ogy- visual and pupillary pathways , Eyelid I -ptosis, ectropion ,entropio n, lid infection s.	OP 8.5,OP 2.1

											Prepare 10 MCQs and 10 OSCE questions in ENT with answers , Anatomy of Larynx : Model Making Revision classes/M CQ tests	EN1.1, EN1.2, EN 1.1 SDL 5-Retinopathy of prematurity lacrimal apparatus - dacryocystitis, Orbit I-anatomy and spaces of orbit , Orbit II-orbital cellulitis, cavernous sinus thrombosis, Thyroid orbitopathy, Ocular injuries-blunt trauma, penetrating trauma, chemical	Tutorial-optic nerve, neuroophthalmology, visual and pupillary pathways ,lid OP 8.5,OP 2.1 OP 2.1,2.4,OP2.5,OP2.6,OP2.7, OP2.8, OP 9.5
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Octo ber Nove mbe r 2027			Urinary system	SU29.9 SU29.11 SU30.1 SU30.2 SU30.3 SU30.4 SU30.5 SU30.6	Uterine Fibroids, Endometrio sis, Operative Obstetrics & Gynaecolo gy	OG29.1, OG26.1, OG34.4, OG34.2, OG15.1		Rheumatoid Arthritis and associated inflammatory Poliomyelitis	OR 8.1 OR 5.1 OR 2.4 OR 9.1 OR 2.15		Squint I- Extraocu lar muscle anatomy, actions and nerve supply,bi nocular vision , classifica tion of squint, paralytic squint, Squint II- concomit tant squint,a mblyopia , causes , assessme nt,manag ement of squint, Intraocul ar tumours- retinobla stoma, malignan t melanom a, enucleati on,evisce ration, Ocular Theruapu etics, Commun ity Ophthal	OP 9.2, OP 2.7,OP 2.8,9.4
								Fractures Fractures Cerebral Palsy Fractures			Tutorial - squint I, intra ocular tumors	OP 9.2, OP 2.7,OP 2.8,9.4

													SDL 7- Chemical injuries	
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