

B. J. GOVT. MEDICAL COLLEGE, PUNE
SECOND YEAR MBBS CLINICAL POSTING MASTER TIME TABLE,
POSTING TIMING 9 AM TO 12Noon.

Month	Clinical Posting Weeks	Surgery	Medicine	OBGY	Community Medicine	ENT	Ophthalmology	Pediatrics	Dermatology	Ortho	Radio diagnosis	Resp. Medicine	Psychiatry
1 st Feb to 28 th Feb	Weeks 01-02 Weeks 03-04	A	B	C	D	E	F	G1 G2	G2 G1	H1 H2	H2 H1	I1 I2	I2 I1
1 st March to 31 st March	Weeks 05-06 Weeks 07-08	B	C	D	E	F	G	H1 H2	H2 H1	I1 I2	I2 I1	A1 A2	A2 A1
1 st April to 30 th April	Weeks 09-10 Weeks 11-12	C	D	E	F	G	H	I1 I2	I2 I1	A1 A2	A2 A1	B1 B2	B2 B1
16 th May to 15 th June	Weeks 13-14 Weeks 15-16	D	E	F	G	H	I	A1 A2	A2 A1	B1 B2	B2 B1	C1 C2	C2 C1
16 th June to 15 th July	Weeks 17-18 Weeks 19-20	E	F	G	H	I	A	B1 B2	B2 B1	C1 C2	C2 C1	D1 D2	D2 D1
16 th July to 15 th Aug	Weeks 21-22 Weeks 23-24	F	G	H	I	A	B	C1 C2	C2 C1	D1 D2	D2 D1	E1 E2	E2 E1
16 th Aug to 15 th Sept	Weeks 25-26 Weeks 27-28	G	H	I	A	B	C	D1 D2	D2 D1	E1 E2	E2 E1	F1 F2	F2 F1
16 th Sept to 15 th Oct	Weeks 29-30 Weeks 31-32	H	I	A	B	C	D	E1 E2	E2 E1	F1 F2	F2 F1	G1 G2	G2 G1
16 th Oct to 31 st Oct	Weeks 33-34	I	A	B	C	D	E	F1	F2	G1	G2	H1	H2
16 th Nov to 30 th Nov	Weeks 35-36							F2	F1	G2	G1	H2	H1

Batch	A	B	C	D	E	F	G	H	I
Roll No	1 to 28	29 to 56	57 to 84	85 to 112	113 to 140	141 to 168	169 to 196	197 to 223	224 to 250

When posted in the Ortho and Radio diagnosis block and the Resp. Medicine and Psychiatry block, each batch will be further divided into two batches with each batch being posted for two weeks duration in each department. (e.g. when the A batch is posted for the four weeks in Ortho and Radio diagnosis block , A1 (1 to 14) will have Ortho for the first two weeks and A2 (15 to 28) will have Radio diagnosis for the first two weeks ; then A1 will move to Radio diagnosis and A2 will move to Ortho.)

Batch	A1	A2	B1	B2	C1	C2	D1	D2	E1	E2	F1	F2	G1	G2	H1	H2	I1	I2
Roll No	1 to 14	15 to 28	1 to 14	15 to 28	1 to 14	15 to 28	1 to 14	15 to 28	1 to 14	15 to 28	1 to 14	1 to 14	1 to 14	15 to 28	1 to 14	15 to 27	1 to 14	15 to 27

1st to 15th May and 1st to 15th Nov., is Vacation.

Student-Doctor method of clinical teaching will be followed in every clinical department when students are posted for clinical rotations

Dept Of MEDICINE, BJGMC,PUNE

Clinic Posting Schedule

Week	Day	CompetencyNo	Competency	Teaching/ Learning method	Hours	Vertical Integration
1	1	IM1.12	Demonstrate peripheral pulse, volume, character, quality and variation in various causes of heart failure	DOAPsession	3	
	2	IM1.13	Measure the blood pressure accurately, recognise and discuss alterations in blood pressure in valvular heart disease and other causes of heart failure and cardiac tamponade	Small group discussion	3	Pathology, Biochemistry
	3	IM3.5	Perform, document and demonstrate a physical examination including general examination and appropriate examination of the lungs that establishes the diagnosis,	Bed side clinic	3	
	4	IM3.7	Order and interpret diagnostic tests based on the clinical presentation including: CBC, Chest X ray PA view, Mantoux, sputum gram stain, sputum culture and sensitivity, pleural fluid examination and culture, HIV testing and ABG	Small group discussion	3	Microbiology Pathology, Biochemistry
	5	IM5.14	Outline a diagnostic approach to liver disease based on hyperbilirubinemia, liver function changes and hepatitis serology	Small group discussion	3	Microbiology Pathology, Biochemistry

Clinic Posting Schedule

Week	Day	CompetencyNo	Competency	Teaching/ Learning method	Hours	Vertical Integration
2	1	IM5.10	Perform a systematic examination that establishes the diagnosis and severity that includes nutritional status, mental status, of liver disease	Bed side clinic	3	Pathology,
	2	IM6.7	Elicit document and present a medical history that helps delineate the aetiology of the current presentation and includes risk factors for HIV, mode of infection, other sexually transmitted diseases, risks for opportunistic infections	Bed side clinic	3	Microbiology Pathology,
	3	IM6.10	Choose and interpret appropriate diagnostic tests to diagnose opportunistic infections including CBC, sputum examination and Assessment cultures, blood cultures, stool analysis, CSF analysis and Chest radiographs	Small group discussion	3	Microbiology Pathology, Biochemistry Radiology
	4	IM7.12	Perform a systematic examination of all joints, muscle and skin that will establish the diagnosis and severity of disease	Bed side clinic	3	Orthopedic
	5	IM8.16	Develop and communicate to the patient lifestyle modification including weight reduction, moderation of alcohol intake, physical activity and sodium intake	DOAP	3	Pathology,

Clinic Posting Schedule

Week	Day	CompetencyNo	Competency	Teaching/ Learning method	Hours	Vertical Integration
3	1	IM8.17	Perform and interpret a 12 lead ECG	DOAP	3	
	2	IM9.10	Describe, perform and interpret a peripheral smear and stool occult blood	Bed side clinic	3	Pathology,
	3	IM10.15	Describe the appropriate diagnostic work up based on thepresumed aetiology kidney disease	DOAP Session	3	
	4	IM10.16	Enumerate the indications for and interpret the results of : renalfunction tests, calcium, phosphorus, PTH, urine electrolytes, osmolality, Anion gap	Bed side clinic	3	Microbiology
	5	IM11.12&IM11.13	Perform and interpret a capillary blood glucose test & Perform and interpret a urinary ketone estimation with a dipstick	DOAP	3	

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Clinic Posting Schedule						
Week	Day	CompetencyNo	Competency	Teaching/ Learning method	Hours	Vertical Integration
4	1	IM12.5	Elicit document and present an appropriate history that will establish the diagnosis cause of thyroid dysfunction and its severity	Bedside clinic	3	
	2	IM12.9	Order and interpret diagnostic testing based on the clinical diagnosis including CBC, thyroid function tests and ECG and radioiodine uptake and scan	DOAP	3	Pathology
	3	IM14.7	Perform, document and demonstrate a physical examination based on the history that includes general examination, measurement of abdominal obesity, signs of secondary causes and comorbidities	Bed side clinic	3	
	4	IM15.2	Enumerate, describe and discuss the evaluation and steps involved in stabilizing a patient who presents with acute volume loss and GI bleed	DOAP	3	Pathology
	5	IM18.4	Identify the nature of the cerebrovascular accident based on the temporal evolution and resolution of the illness	Bedside clinic,	-	

Department of Community Medicine
Second Year Clinical Posting Time Table

Dates	Batch	Roll no
1st Feb to 28th Feb	D	76 to 100
1ST March to 31st March	E	101 to 125
1st April to 30th April	F	126 to 150
16th May to 15th June	G	151 to 175
16th June to 15th July	H	176 to 200
16th July to 15th Aug	I	201 to 225
16th Aug to 15th Sept	J	226 to 250
16th Sept to 15th Oct	A	1 to 25
16th Oct to 31st Oct &16th Nov to 30th Nov	B	26 to 50
1ST Dec to 31st Dec	C	51 to 75

1 to 15 May and 1 to 15 Nov is vacation

Sr. no.	Topic	Vertical integration	Horizontal integration
<p align="center">Family study posting -2weeks</p> <p align="center">Competencies addressed:</p> <p>CM2.1 Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community</p> <p>CM2.2 Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status</p> <p>CM2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior</p> <p>CM2.4 Describe social psychology, community behavior and community relationship and their impact on health and disease</p> <p>CM2.5 Describe poverty and social security measures and its relationship to health and disease</p>			
1	Family study	-	-
2	Introduction to family health		
3	Family Health Survey Discussion		
4	Allotment of Families		
5	Conduction of family health Survey		
6	Conduction of family health Survey		
7	Conduction of family health Survey		
8	Conduction of family health Survey		
9	Conduction of family health Survey		
10	Analysis of Survey findings and Presentation		
11	Organization of Health Educational Activities		
12	Organization of Health Educational Activities		
	Organization of Health Educational Activities		
<p align="center">Infectious diseases posting-2 weeks</p> <p align="center">Competencies addressed:</p> <p>CM8.1 Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases</p> <p>CM8.3 Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case</p>			
13	Epidemiological history taking of common diseases: Diarrheal Diseases	General Medicine, Paediatrics	Microbiology, Pathology
14	Jaundice (Viral Hepatitis)		
15	Typhoid		
16	Food poisoning		

17	Measles, Mumps, Rubella		
18	Influenza		
19	Diphtheria,/Pertussis/ARI		
20	Tuberculosis		
21	Dengue		
22	Malaria/ Filaria		
23	HIV/AIDS, STDs		
24	Animal Bite		

UG COURSE CONTENT (SECOND MBBS, semester 4th II 1st)

SUBJECT:PAEDIATRICS THEORY/PRACTICAL (based on NMC,Competency based undergraduate curriculum for Indian medical graduate,2018.vol2/3;150 onwards)

Total teaching 2weeks

Total teaching hours As per NMC – 35 hours

30 hrs-seminar/tutorials

5hrs-self directed learning

S. No.	Competency	Topics and subtopic	Methods of teaching	Clinical hours	Horizontal integration	Vertical integration
1	PE2.6,1.3	Normal Growth/ Referral for growth related problems /Parameters of growth assessment	Seminar	1 hour		
2	PE1.4	Normal Growth/ Anthropometry	Small group discussion	1 hours		
3	PE1.5	Normal Development/ Developmental Milestones	SDL	2 hours	Psychiatry	
4	PE20.2	Normal newborn/care of a normal newborn	Tutorial	1 hour		
5	PE20.4	Normal newborn/assessment of a normal neonate	Bedside clinic	3 hours		
6	PE20.5,20.6	Normal newborn/counselling mothers on care of newborn	Tutorial	2hours		
7	PE20.12	Temperature regulation	Tutorial	2 hour		

8	PE7.5	Breast feeding techniques	Bed side clinic, skills lab	1hour		
9	PE7.6	Infant & Child Feeding/ Baby friendly hospital initiatives	Seminar	1 hour		
10	PE7.8,PE7.9	Breast Care Education, Breastfeeding practises(Counselling)	DOAP	1 hour	AETCOM	
11	PE8.2	Infant & Child Feeding Practice/ Hygiene in Complementary Breast Feeding	SDL	1 hour		Community medicine
12	PE8.5	Infant & Child Feeding Practice/ Counselling about complimentary feeds	DOAP	2 hours		Community medicine

13	PE9.3,9.4	Normal nutrition/calorific value of Indian food/nutritional history	Bedside clinic	2hrs		Biochemistry
14	PE12.3	Micronutrients -vit A and Prophylaxis	Seminar	1hr		Biochemistry
15	PE12.7	Micronutrients -Vit D	Tutorial	1hr		Biochem, physiology, pathology
16	PE12.12	Micronutrients- vitE, vitK, vitamin C	Tutorial	1hr		Biochemistry
17	PE13.1	Micronutrients -Iron	Seminar	1hr		Biochemistry, pathology
18	PE19.7	Immunization/educate and counsel	DOAP	2hours		
19	PE19.10	Immunization/handling and storing of vaccines	DOAP	2hours		
20	PE19.11	Immunization/immunization record	SDL	1 hour		
21	PE19.12,19.13	Immunization/UIP Vaccination administration observation	DOAP	1 hour		Community medicine
22	PE19.1	Immunization/Universal Immunization Program/National	Seminar	1 hour		Community medicine, Microbiology,

		immunization Program				Biochemistry
23	PE19.3	Immunization/vaccine description with classification	Tutorial	1 hour		Community medicine, Microbiology, Biochemistry
24	PE19.6	Age appropriate immunization schedule	SDL	1 hour		
25	PE16.1,16.2,16.3	IMNCI	Seminar	2 hours		

LOG BOOK

Log book will contain

1. 10 cases
2. 10 counselling

Clinical skills can be assessed by case presentation, case-based discussion, objective structured clinical assessment the checklist, MiniCex, as per the institutional preference

PEDIATRICS LOGBOOK CERTIFICATE

This is to certify that this logbook is the bonafide record of Mr. /

Ms..... Roll No.....Admission Year, of the
Department of PEDIATRICS at Medical College.

The logbook is as per the guidelines of Competency Based Undergraduate Medical Education Curriculum, Graduate Medical Regulation 2019.

He / She has satisfactorily attended/ completed all assignments mentioned in this logbook as per the guidelines prescribed by National Medical Commission.

Head of Department
Department of Pediatrics
Signature with Date

Second MBBS Practical Mark's Structure

Internal Assessment Examinations

(Applicable w.e.f October 2020 onwards examination for batches admitted from June 2019 onwards)

Subject : Pediatrics Practical				
	Practicals			Maximum marks 40
Seat No.	Long Case (20)	Short case(10)	Spotters (10)	Out of 40

Internal Assessment examination will be conducted at the end of clinical posting.

Records of Internal Assessment Examinations

Date	Exams	Marks Obtained	Total Marks	Feedback provided	Signature of Student	Signature of Teacher
	Practical including Viva		40			
	Final Internal Assessment Marks (to be submitted to University)		10			

Second IIMBBS

Subject : Dermatology, Venereology and Leprosy Theory / Practical

Clinical Postings (30hours): 2 weeks (3hours /day x 10 days Monday to Friday).

Serial No.	Competency No.	Topics & Sub Topics	Suggested Teaching Method	Hours	Vertical Integration	Horizontal Integration
1.		Topic-Anatomy and Physiology of skin	Number of competencies-1			

1	DR1.1	Describe structure and function of skin and it's appendages	Lecture (Audiovisual aids),small group discussion	3	Anatomy	Physiology Pathology
2.Topic- Basic skin lesions Number of competencies-1						
2	DR2.1	Identify and Describe Primary and Secondary skin lesions	Lecture – (Audiovisual) ,Bedside clinic	3		
3.Topic-Scabies Number of competencies-3						

3	DR3.1	Describe the etiology, microbiology, pathogenesis, natural history, clinical features, presentations and complications of scabies in adults and children	Lecture (Audiovisual aids) ,small group discussion	1.5	Pediatrics	
	DR3.2	Identify and differentiate scabies from other lesions in adults and children	Bedside clinic		Pediatrics	
	DR3.3	Enumerate and describe the pharmacology, administration and adverse reaction of pharmacotherapies for scabies	Lecture (Audiovisual aids) ,small group discussion		Pediatrics	Pharmacology
4.Topic -pediculosis		Number of competencies-2				
4	DR4.1	Describe the etiology pathogenesis and diagnostic features of pediculosis in adults and children	Lecture (Audiovisual aids) ,small group discussion	1.5	Pediatrics	Microbiology

	DR4.2	Identify and differentiate pediculosis from other skin lesions in adults and children	Bedside clinic		Pediatrics	
5.Topic -Pyoderma						
			Number of competencies-4			
5	DR5.1	Identify and distinguish folliculitis impetigo and carbuncle from other skin lesions	Bedside clinic	3		
	DR5.2	Identify staphylococcus on a Gram stain				
	DR5.2	Enumerate and describe the pharmacology, indications and adverse reactions of topical and systemic drugs used in treatment of pyoderma	Bedside clinic			Microbiology
	DR5.3	Enumerate the indications for surgical referral	Lectures(Audiovisual aids) ,small group discussion			Microbiology, Pharmacology

	DR5.4		DOAP session		General Surgery	
6.Topic –Fungal Infection			Number of competancies-3			
6	DR6.1	Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of dermatophytes in adults and children	Lecture (Audiovisual aids), small group teaching	3	Pediatrics	Microbiology
	DR6.2	Identify Candida species in fungal scrapings and KOH mount Describe the pharmacology and action of antifungal (systemic and topical)	DOAP session			Microbiology

	DR6.3	agents. Enumerate side effects of antifungal therapy	Lecture (Audiovisual aids), small group discussion			Microbiology Pharmacology
7.Topic –Viral Infections Number of competencies-7						
7	DR7.1	Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of common viral infections of the skin in adults and children Identify and distinguish herpes simplex and herpes labialis from other skin lesions	Lecture (Audiovisual aids), small group discussion	3	Pediatrics	Microbiology
	DR7.2	Identify and distinguish herpes zoster and	DOAP session			

		varicella from other skin lesions				
	DR7.3	Identify and distinguish viral warts from other skin lesions	DOAP session			
		Identify and distinguish molluscum contagiosum from other skin lesions				
	DR7.4	Enumerate the indications, describe the procedure and perform a Tzanck smear	DOAP session			
		Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for common viral illnesses of the skin	DOAP session			
	DR7.5					
	DR7.6					
						Pharmacology

	DR7.7					
8.Topic - Leprosy		Number of competencies-7				
8	DR8.1	Classify describe the epidemiology,etiology ,microbiology pathogenesis, clinical presentations and diagnostic features of Leprosy	Lecture (Audiovisual aids) ,small group discussion	6	General Medicine	Microbiology, Community medicine
	DR8.2	Demonstrate (and classify based on) the clinical features of leprosy including an appropriate neurologic examination	Bedside clinic		General Medicine	
		Enumerate the indications and observe the performance of a slit skin smear in patients with leprosy				
		Enumerate, describe and identify lepra reactions and	Bedside clinic, DOAP session			Microbiology

	DR8.3	supportive measures and therapy of lepra reactions				
		Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for various classes of leprosy based on national guidelines	Lecture (Audiovisual aids) ,small group discussion		General Medicine	Pharmacology
	DR8.4	Describe the treatment of Leprosy based on the WHO guidelines	Lecture (Audiovisual aids) ,small group discussion		General Medicine	Pharmacology, Community Medicine
	DR8.5	Enumerate and describe the complications of leprosy and its management, including understanding disability and stigma	Lecture (Audiovisual aids) ,small group discussion			Pharmacology, Community Medicine

	DR8.6				General Medicine	Pharmacology, Psychiatry
	DR8.7		Lecture (Audiovisual aids) ,small group discussion		General Medicine	
9.Topic-Sexually Transmitted Diseases			Number of competencies-11			
9	DR9.1	Identify and classify syphilis based on the presentation and clinical manifestations	Bedside clinic	3	General Medicine	Microbiology
	DR9.2	Identify spirochete under dark ground microscopy	DOAP session			Microbiology
	DR9.3	Enumerate the indications and describe the pharmacology administration and adverse reaction of	Lecture (Audiovisual aids) ,small group discussion		General Medicine	Pharmacology

		<p>pharmacotherapies for syphilis</p> <p>Describe the prevention of congenital syphilis</p>				
	DR9.4	<p>Counsel patients in a non-judgemental and empathetic manner on prevention of sexually transmitted disease</p>	<p>Lecture (Audiovisual aids) ,small group discussion</p>		<p>General Medicine</p>	
	DR9.5	<p>Describe the etiology, diagnostic and clinical features of non-syphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)</p> <p>Identify and differentiate based on the clinical features non-syphilitic sexually transmitted diseases</p>	<p>DOAP session</p>		<p>General Medicine</p> <p>Psychiatry</p>	<p>Community medicine</p>
					<p>General Medicine</p>	<p>Microbiology</p>

	DR9.6	<p>(chancroid, donovanosis and LGV)</p> <p>Enumerate the indications and describe the pharmacology, indications and adverse reactions of drugs used in the nonsyphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)</p>	<p>Lecture (Audiovisual aids) ,small group discussion</p> <p>Bedside clinic</p>		General Medicine	Pharmacology, Microbiology
	DR9.7	<p>Describe the syndromic approach to ulcerative sexually transmitted diseases</p>			General Medicine	Pharmacology
	DR9.8	<p>Describe the etiology, diagnostic and clinical features and management of gonococcal and non-gonococcal urethritis</p> <p>Describe the etiology, diagnostic and clinical features and</p>	<p>Lecture (Audiovisual aids) ,small group discussion</p>		General medicine	

		management of vaginal discharge				Community medicine
	DR9.9		Lecture (Audiovisual aids) ,small group discussion		General medicine	Microbiology
	DR9.10		Lecture (Audiovisual aids) ,small group discussion		General medicine	Microbiology

	DR9.11				Obstetrics & Gynaecology	
10.Topic -HIV		Number of competencies-2				
10 HIV	DR10.1	Describe the etiology, pathogenesis and clinical features of the dermatologic manifestations of HIV and its complications including opportunistic infections	Lecture (Audiovisual aids) ,small group discussion	3	General medicine	Microbiology
	DR10.2	Identify and distinguish the dermatologic manifestations of HIV, its complications and opportunistic infections.	Small group discussion,Bedside clinic		General Medicine	Pharmacology Microbiology

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Course Content

Second II MBBS (from October 2020)

Subject: Psychiatry

Clinical Postings (hours): 2 weeks (3hours /day x 12 days Monday to Saturday.
 (Based on Medical Council of India, Competency based Undergraduate curriculum for the Indian Medical Graduate, 2018. Vol. 2 / 3;
 page nos. 203 to 218)

Wee k	Day	Compet ency No.	Topics & Sub Topics	Suggested Teaching Method	Hours	Vertical Integration	Horizontal Integration
1	1	PS 1.1	Establish rapport and empathy with patients	DOAP session	3		
	1	PS 3.4	Describe the importance of establishing rapport with patients	Bedside clinic, DOAP session			
	1	PS 1.3	Demonstrate breaking of bad news in a simulated environment	DOAP session			
	1	PS 1.4	Describe and demonstrate the importance of confidentiality in patient encounters	DOAP session			
	2	PS 3.3	Elicit, present and document a history in patients presenting with a mental disorder	Bedside clinic, DOAP session	3		
	2	PS 3.5	Perform, demonstrate and document a mini mental examination	Bedside clinic, DOAP session			
	3	PS 4.2	Elicit, describe and document clinical features of alcohol and substance use disorders	Bedside clinic, DOAP session	3		General Medicine
	3	PS 4.3	Enumerate and describe the indications and interpret laboratory and other tests used in alcohol and substance abuse disorders	Bedside clinic, DOAP session			General Medicine
	3	PS 4.5	Demonstrate family education in a patient with alcohol and substance abuse in a simulated environment	Bedside clinic, DOAP session		AETCOM	
	4	PS 5.2	Enumerate, elicit, describe and document clinical features, positive symptoms	Bedside clinic, DOAP session	3		
	4	PS 5.4	Demonstrate family education in a patient with schizophrenia in a simulated environment	Bedside clinic, DOAP session			
	5	PS 6.2	Enumerate, elicit, describe and document clinical features in patients with depression	Bedside clinic, DOAP session	3		

	5	PS 6.3	Enumerate and describe the indications and interpret laboratory and other tests used in depression	Bedside clinic, DOAP session			
	5	PS 6.5	Demonstrate family education in a patient with depression in a simulated environment	Bedside clinic, DOAP session			
	6	PS 7.2	Enumerate, elicit, describe and document clinical features in patients with bipolar disorders	Bedside clinic, DOAP session	3		
	6	PS 7.3	Enumerate and describe the indications and interpret laboratory and other tests used in bipolar disorders	Bedside clinic, DOAP session			
	6	PS 7.5	Demonstrate family education in a patient with bipolar disorders in a simulated environment	Bedside clinic, DOAP session			
2	1	PS 8.2	Enumerate, elicit, describe and document clinical features in patients with anxiety disorders	Bedside clinic, DOAP session	3		
	1	PS 8.3	Enumerate and describe the indications and interpret laboratory and other tests used in anxiety disorders	Bedside clinic, DOAP session			
	1	PS 8.5	Demonstrate family education in a patient with anxiety disorders in a simulated environment	Bedside clinic, DOAP session			
	2	PS 9.2	Enumerate, elicit, describe and document clinical features in patients with stress related disorders	Bedside clinic, DOAP session	3		
	2	PS 9.3	Enumerate and describe the indications and interpret laboratory and other tests used in stress related disorders	Bedside clinic, DOAP session			
	2	PS 9.5	Demonstrate family education in a patient with stress related disorders in a simulated environment	Bedside clinic, DOAP session			
	3	PS 14.2	Enumerate, elicit, describe and document clinical features in patients with psychiatric disorders occurring in childhood and adolescence	Bedside clinic, DOAP session	2	Pediatrics	
	3	PS 14.4	Demonstrate family education in a patient with psychiatric disorders occurring in childhood and adolescence in a simulated environment	Bedside clinic, DOAP session		Pediatrics	
	3	PS 15.3	Elicit and document a history and clinical examination and choose appropriate investigations in a patient with mental retardation	Bedside clinic, DOAP session	1	Pediatrics	
4	PS 10.2	Enumerate, elicit, describe and document clinical features in patients with somatoform, dissociative and conversion disorders	Bedside clinic, DOAP session	3		General Medicine	

4	PS 10.3	Enumerate and describe the indications and interpret laboratory and other tests used in somatoform, dissociative and conversion disorders	Bedside clinic, DOAP session			General Medicine
5	PS 11.2	Enumerate, elicit, describe and document clinical features in patients with personality disorders	Bedside clinic, DOAP session	3		
5	PS 11.3	Enumerate and describe the indications and interpret laboratory and other tests used in personality disorders	Bedside clinic, DOAP session			
5	PS 11.5	Demonstrate family education in a patient with personality disorders in a simulated environment	Bedside clinic, DOAP session			
6	PS 12.2	Enumerate, elicit, describe and document clinical features in patients with magnitude and etiology of psychosomatic disorders	Bedside clinic, DOAP session	3		General Medicine
6	PS 12.3	Enumerate and describe the indications and interpret laboratory and other tests of psychosomatic disorders	Bedside clinic, DOAP session			General Medicine
6	PS 12.5	Demonstrate family education in a patient with psychosomatic disorders in a simulated environment	Bedside clinic, DOAP session			

Course Content

Second II MBBS (from October 2020)

Subject: Respiratory Medicine Theory / Practical

Clinical Postings (hours): 2 weeks (3hours /day x 10 days Monday to Friday).

(Based on Medical Council of India, Competency based Undergraduate curriculum for the Indian Medical Graduate, 2018. Vol. 3 / 3; page nos. 80 to 89)

Clinical Postings(hours): 4 weeks (3hours /day x 20 days Monday to Friday)

Serial No.	Competency No.	Topics & Sub Topics	Suggested Teaching Method	Hours	Vertical Integration	Horizontal Integration
1	CT 1.1	Describe and discuss the epidemiology of tuberculosis and its impact on the work	Lecture, Small group discussion	3	Community Medicine	
2	CT 1.2	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)	Small group discussion	3	Microbiology	

3	CT 1.5	Elicit, document and present an appropriate medical history that includes risk factor, contacts, symptoms including cough and fever CNS and other manifestations	Bedside clinic &DOAP Session	3		
4	CT 1.10 CT 1.12	perform and interpret an AFB stain Enumerate the indications for tests including: serology, special cultures and polymerase chain reaction and sensitivity testing	DOAP session Small group discussion, Lecture	3	Microbiology Microbiology	
5	CT 1.14	Describe and discuss the pharmacology of various anti-tuberculous agents, their indications, contraindications, interactions and adverse reactions	Lecture, Small group discussion	3	Pharmacology, Microbiology	

6	CT 2.14	Enumerate the indications for and interpret the results of : pulse oximetry, ABG, Chest Radiograph	Bed side clinic	3		
7	CT 1.15	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)	Bed side clinic, Small group teaching	3		
8	CT 1.9	Order and interpret diagnostic tests based on the clinical presentation including: CBC, Chest X ray PA view, Mantoux, sputum culture and sensitivity, pleural fluid examination and culture, HIV testing	Bedside clinic, DOAP session	3		
9	CT 2.9	perform a systematic examination that establishes the diagnosis and severity that includes measurement of respiratory rate, level of respiratory distress, effort tolerance, breath	Bed side clinic, DOAP session	3		

		sounds, added sounds, identification of signs of consolidation pleural effusion and pneumothorax				
10	CT 2.11	Describe, discuss and interpret pulmonary function tests	Bed side clinic, DOAP session	3		

Surgery and allied

General Surgery

Clinic Posting Schedule						
Week	Day	CompetencyNo	Competency	Teaching/ Learning method	Hours	Vertical Integration
3	1	SU28.2	Demonstrate the correct technique to examine the patient with hernia and identify different types of hernias.	DOAP	3	
	2	SU28.18	Describe and demonstrate clinical examination of abdomen. Order relevant investigations. Describe and discuss appropriate treatment plan	Bed side clinic	3	
	3	SU14.3	Describe the materials and methods used for surgical wound closure and anastomosis (sutures, knots and needles)	Small group discussion	3	
	4	SU15.1	Describe classification of hospital waste and appropriate methods of disposal.	Bed side clinic	3	Microbiology
	5	SU27.4	Describe the types of gangrene and principles of amputation	Small group discussion	3	
	6	SU17.3	Describe the Principles in management of mass casualties	Small group discussion	3	
Clinic Posting Schedule						
Week	Day	CompetencyNo	Competency	Teaching/ Learning method	Hours	Vertical Integration

4	1	SU25.5	Demonstrate the correct technique to palpate the breast for breast swelling in a mannequin or equivalent	DOAP	3	
	2	SU25.4	Counsel the patient and obtain informed consent for treatment of malignant conditions of the breast	DOAP	3	
	3	SU10.3(2)	Observe common surgical procedures and assist in minor surgical procedures; Observe emergency lifesaving surgical procedures.	DOAP	3	
	4	SU8.3(2)	Discuss Medico-legal issues in surgical practice	DOAP	3	Forensic medicine, AETCOM
	5	Nil	Assessment	Viva- Voce	-	
	6	Nil	Assessment	Viva- Voce	-	

Course Content

Second II MBBS (from October 2020)

Subject: OPHTHALMOLOGY Theory / Practical

Clinical Postings (hours): 4 weeks (3hours /day x 20 days Monday to Friday.

(Based on Medical Council of India, Competency based Undergraduate curriculum for the Indian Medical Graduate, 2018. Vol. 3 / 3; page nos. 80 to 89)

Clinical Postings(hours): 4 weeks (3hours /day x 20 days Monday to Friday)

Serial No.	Competency No.	Topics & Sub Topics	Suggested Teaching Method	Hours	Vertical Integration	Horizontal Integration
1	OP1.1	Describe the physiology of vision	Small group teaching	3		Physiology
2	PY10.17	Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, Refractive errors, colour blindness, Physiology of pupil and light reflex	Small group teaching	3		Physiology and Anatomy
3	OP1.2 OP1.3	Define, classify and describe the types and methods of correcting refractive errors Demonstrate the steps in performing the visual acuity assessment for distance vision, near vision, colour vision, the pin hole test and the menace and blink reflexes	Demonstration, Small group teaching	3		Physiology
4	OP 1.5	Define, enumerate the types and the mechanism by which strabismus leads to amblyopia	Small group teaching	3		Physiology

9	OP 3.3	Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications and management of various causes of conjunctivitis	Bed side clinic, Small group teaching	3		Microbiology and Pathology
10	OP 3.4	Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications and management of trachoma.	Bed side clinic, Small group teaching	3		Microbiology and Pathology
11	OP 3.5	Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications and management of vernal catarrh	Bed side clinic, Small group teaching	3		Pathology
12	OP 3.6	Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications and management of pterygium	Bed side clinic, Small group teaching	3		Pathology
13	OP 4.1	Enumerate, describe and discuss the types and causes of corneal ulceration	Bed side clinic, Small group teaching	3		Microbiology and Pathology
14	OP 4.2	Enumerate and discuss the differential diagnosis of infective keratitis	, Bed side clinic Small group teaching	3		Microbiology and Pathology

15	OP 4.3	Enumerate the causes of corneal edema	Bed side clinic, Small group teaching	3		Medicine
16	OP 4.4	Enumerate the causes and discuss the management of dry eye	Bed side clinic, Small group teaching	3		Medicine
17	OP 4.5 OP 4.6	enumerate the causes of corneal blindness Enumerate the indications and the types of keratoplasty	Demonstration, Small group teaching	3		PSM
18	OP 4.9	Describe and discuss the importance and protocols involved in eye donation and eye banking	Demonstration, Small group teaching	3		FMT
19	OP 5.1	Define, enumerate and describe the aetiology, associated systemic conditions, clinical features complications indications for referral and management of episcleritis	Bed side clinic, Small group teaching	3		Medicine
20	OP 5.2	Define, enumerate and describe the aetiology, associated systemic conditions, clinical features, complications, indications for referral and management of scleritis	Bed side clinic, Small group teaching	3		Medicine

Course Content

Second II MBBS(from October 2020)

Subject:Orthopedics Practical

Clinical Postings(hours): 2 weeks (3 hours /day x 10 days Monday to Friday.

(Based on Medical Council of India, Competency based Undergraduate curriculum for the Indian Medical Graduate, 2018. Vol. 3 / 3; page nos. 161 to166)

Clinical Postings(hours): 2 weeks (3hours /day x 10 days Monday to Friday.						
Serial No.	Competency No.	Topics & SubTopics	Suggested Teaching Method	Hours	Vertical Integration	Horizontal Integration
1	OR1.5	Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of dislocation of major joints, shoulder, knee, hip	Lecture Demonstration Small Group Discussion	3		
2	OR1.1	Describe and discuss the Principles of pre-hospital care and Casualty management of a trauma victim including principles of triage	Lecture Demonstration Small Group Discussion	3		Surgery, Medicine
3	OR1.2	Describe and discuss the aetiopathogenesis clinical features, investigations, and principles of management of shock	Lecture Demonstration Small Group Discussion	3		Surgery, Medicine
4	OR1.3	Describe and discuss the aetiopathogenesis, clinical features, investigations,	Lecture Demonstration Small Group Discussion	3		Surgery

		and principles of management of soft tissue injuries				
5	OR1.4	Describe and discuss the Principles of management of soft tissue injuries	Lecture Demonstration Small Group Discussion	3		Surgery
6	OR1.6	Participate as a member in the team for closed reduction of shoulder dislocation / hip dislocation / knee dislocation	Lecture Demonstration Small Group Discussion	3		
7	OR2.3	Select, prescribe, and communicate appropriate medications for relief of joint pain	Demonstration	3		
8	OR2.15	Plan and interpret the investigations to diagnose complications of fractures like malunion, non-union, infection, compartmental syndrome	Lecture Demonstration Small Group Discussion	3		
9	OR2.16	Describe and discuss the mechanism of injury, clinical features, investigations, and principles of management of open fractures with focus on secondary infection prevention and management	Lecture Demonstration Small Group Discussion	3		
10	OR3.1	Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of Bone and	Lecture Demonstration Small Group Discussion	3		Medicine

ByramjeeJeejeebhoy Government Medical College
Sassoon General Hospital

LOGBOOK



Department of Orthopedics

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CERTIFICATE

This is to certify that this logbook is the bonafide record of Mr. /
Ms..... Roll
No.....Admission Year, of the Department of Orthopedics
atByramjeeJeejeebhoy Government Medical College and Sassoon General Hospital, Pune

The logbook is as per the guidelines of Competency Based Undergraduate Medical Education Curriculum, Graduate Medical Regulation 2019.

He / She has satisfactorily attended/ completed all assignments mentioned in this logbook as per the guidelines prescribed by National Medical Commission

**Head of Department
Department of Orthopedics
Signature with Date**

Records of Internal Assessment Examinations

Date	Exams	Marks Obtained	Total Marks	Feedback provided	Signature of Student	Signature of Teacher
	Practical including Viva		50			
	Conversion		20			
	Final Internal Assessment Marks (to be submitted to University)		20			

LOGBOOK CLINICAL SKILLS

LIST OF COMPETENCIES

Clinical skills can be assessed by case presentation, case-based discussion, objective structured clinical assessment the checklist, MiniCex, as per the institutional preference.

Signature of Head of the Department

No.	Competency No.	Topics & Sub Topics
1	OR1.5	Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of dislocation of major joints, shoulder, knee, hip
2	OR1.1	Describe and discuss the Principles of pre-hospital care and Casualty management of a trauma victim including principles of triage
3	OR1.2	Describe and discuss the aetiopathogenesis clinical features, investigations, and principles of management of shock
4	OR1.3	Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of soft tissue injuries
5	OR1.4	Describe and discuss the Principles of management of soft tissue injuries
6	OR1.6	Participate as a member in the team for closed reduction of shoulder dislocation / hip dislocation / knee dislocation
7	OR2.3	Select, prescribe, and communicate appropriate medications for relief of joint pain
8	OR2.15	Plan and interpret the investigations to diagnose complications of fractures like malunion, non-union, infection, compartmental syndrome
9	OR2.16	Describe and discuss the mechanism of injury, clinical features, investigations, and principles of management of open fractures with focus on secondary infection prevention and management
10	OR3.1	Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of Bone and Joint infections a) Acute Osteomyelitis b) Subacute osteomyelitis c) Acute Suppurative arthritis d) Septic arthritis & HIV infection

		e) Spirochaetal infection f) Skeletal Tuberculosis
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Course Content

Second II MBBS (from October 2020)

Subject : Radio Diagnosis Theory / Practical

Clinical Postings(hours): 2 weeks (3hours /day x 10 days Monday to Friday.

(Based on Medical Council of India, Competency based Undergraduate curriculum for the Indian Medical Graduate, 2018. Vol. 2 / 3 ; page nos. 161 to166)

C						
C. Clinical Postings(hours): 2 weeks (3hours /day x 10 days Monday to Friday.						
Serial No.	Competency No.	Topics & Sub Topics	Suggested Teaching Method	Hours	Vertical Integration	Horizontal Integration
1	RD1.1 RD1.2	Introduction to All modalities under Radiodiagnosis and Radiation Protection.	Lecture, Demonstration, Small group teaching	3		

2	RD1.5	Role of Radiology in Chest Conditions lungs and heart	Lecture, Demonstration, Small group teaching	3		Medicine and Pediatrics
3	RD1.6	Role of Radiology in Abdominal Conditions hepatobiliary system and Gastrointestinal System	Lecture, Demonstration, Small group teaching	3		Surgery
4	RD1.6	Role of Radiology in Abdominal Conditions - Genitourinary system	Lecture, Demonstration, Small group teaching	3		Surgery
5	RD1.4 & RD 1.5	Role of Radiology in Obstetrics and Gynaecology	Demonstration, Small group teaching	3		Obstetrics & Gynecology
6	RD1.6	Role of Radiology in Musculoskeletal system	Demonstration, Small group teaching	3		Orthopedics
7	RD1.6	Role of Radiology in Diseases of Central Nervous System	Demonstration, Small group teaching	3		All clinical Branches

8	RD1.2	Basic Principles of Computed Tomography	Demonstration, Small group teaching	3		
9	RD1.2	Basic Principles of Magnetic Resonance Imaging	Demonstration, Small group teaching	3		
10	RD1.1	Radiation Hazards & Protection	Demonstration, Small group teaching	3		

Second MBBS Practical Mark's Structure

Internal Assessment Examinations

(Applicable w.e.f October 2020 onwards examination for batches admitted from June 2019 onwards)

Subject : Radio Diagnosis Practical							
Practicals							Maximum marks 50
Seat No.	Log Book 5	Radiological Anatomy	Contrast Studies	Spotters 10	Instruments 10	Communication Skills	Out of 50

		10	10			5	

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This is to certify that this logbook is the bonafide record of Mr. /
Ms..... Roll No.....Admission Year, of the
Department of RadioDiagnosis at Medical College.

The logbook is as per the guidelines of Competency Based Undergraduate Medical Education Curriculum,
Graduate Medical Regulation 2019.

He / She has satisfactorily attended/ completed all assignments mentioned in this logbook as per the
guidelines prescribed by National Medical Commission. _____

Head of Department
Department of Radio Diagnosis
Signature with Date

Records of Internal Assessment Examinations

Date	Exams	Marks Obtained	Total Marks	Feedback provided	Signature of Student	Signature of Teacher
	Practical including Viva		50			
	Conversion		20			
	Final Internal Assessment Marks (to be submitted to University)		20			

****[Radio Diagnosis marks to be submitted to department of General Surgery during respective phase of teaching.]***

Signature of Head of the Department

LOGBOOK CLINICAL SKILLS : LIST OF COMPETENCIES

Clinical skills can be assessed by case presentation, case-based discussion, objective structured clinical assessment the checklist, MiniCex, as per the institutional preference.

Serial Number	Competencies Addressed	Name of the Activity
1	SU25.3	How will you counsel and prepare a patient for mammographic examination ?
2	AN25.8, AN54.2	How will you interpret a Barium study report and counsel the patient further regarding treatment ?
3	PE28.17	How will you prepare a patient for Mastoid radiography and interpret the report.?
4	PE21.12	How will you interpret a KUB Report ?
5	PE23.13	How will you report a Chest radiograph and rule out cardiomegaly?
6	PE23.16	How will you use the ECHO reports in management of case of Cardiac disease ?
7	RD1.13	How will you counsel a pregnant patient regarding determination?
8	RD1.5	How will you diagnose pneumothorax on a Chest radiograph ?
9	RD1.1	What are the precautions you would take before sending patient for MRI examinations.?
10	PE30.23	How will you interpret CT scan and MRI Report ?

Course Content

Second II MBBS (from October 2020)

Subject: Obstetrics & Gynaecology

Clinical Postings (hours): 4 weeks (3hours /day x 5 days Monday to Friday).
(Based on Medical Council of India, Competency based Undergraduate curriculum for the Indian Medical Graduate, 2018. Vol. 2 / 3; page nos. 203 to 218)

STUDENT –DOCTOR method of clinical teaching and skills training will be included in clinical teaching.

Number	COMPETENCY The student should be able to:	Domain K/S/A/C	Level K/KH/ SH/P	Core (Y/N)	Suggested Teaching Learning method	Hours	Vertical Integration
O.G.1.1	Definition of birth rate, maternal mortality and morbidity rate	K	KH	Y	Small group discussions	3	Community medicine
O.G. .1.2	Define and discuss perinatal mortality and morbidity including perinatal and neonatal mortality and morbidity audit	K	KH	Y	Small group discussions	3	Community medicine

O.G. 1.3	Define and discuss stillbirth and abortion	K	KH	Y	Small group discussions	3	Forensic medicine and toxicology
O.G. 2.1	Describe and discuss the development and anatomy of the female reproductive tract, relationship to other pelvic organs, applied anatomy as related to Obstetrics and Gynaecology.	K	KH	Y	Small group discussions, skill stations	3	Human anatomy
O.G. 5.1	Describe, discuss and identify pre-existing medical disorders and discuss their management; discuss evidence-based intrapartum care	K/S	SH	Y	Lecture, Bedside clinics	3	
O.G. 5.2	Determine maternal high-risk factors and verify immunization status	K/S	SH	Y	Lecture, Bedside clinics	3	
O.G. 6.1	Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy tests.	S	SH	Y	Lecture, Small group discussion, Bedside clinics	3	
O.G. 8.1	Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors.	K	KH	Y	Small group discussion, Bedside clinics, Lecture	3	Community medicine

O.G. 8.2	Elicit document and present an obstetric history including menstrual history, last menstrual period, previous obstetric history, comorbid conditions, past medical history and surgical history	K/S	SH	Y	Small group discussion, Bedside clinics, Lecture	3	
O.G.8.3	Describe, demonstrate, document and perform an obstetrical examination including a general and abdominal examination and clinical monitoring of maternal and fetal well-being;	K/S	SH	Y	Bed side clinic, DOAP session	3	
OG 8.4	Describe and demonstrate clinical monitoring of maternal and fetal well-being	K/S	SH	Y	Bedside clinic, DOAP session, Small group discussion	3	
O.G.8.5	Describe and demonstrate pelvic assessment in a model	K/S	SH	Y	DOAP Session	3	
OG. 8.6	Assess and counsel a patient in a simulated environment regarding appropriate nutrition in pregnancy	K/S	SH	Y	DOAP session, Bedside clinic	3	
O.G. 8.7	Enumerate the indications For andTypes vaccination in pregnancy	K	KH	Y	Small group discussions	3	

O.G. 9.1	Classify, define and discuss the aetiology and management of abortions including threatened, incomplete, inevitable, missed and septic	K	KH	Y	Small group discussions	3	
O.G. 9.2	Describe the steps and observe/ assist in the performance of an MTP evacuation	S	SH	Y	DOAP session, Bedside clinic	3	Forensic medicine
O.G.9.3	Discuss the aetiology, clinical features, differential diagnosis of acute abdomen in early pregnancy (with a focus on ectopic pregnancy) and enumerate the principles of medical and surgical management						
O.G. 35.1	Obtain a logical sequence of history, and perform a humane and thorough clinical examination, excluding internal examinations (per rectal and per vaginal)	K/S	SH	Y	Bedside clinics		
O.G. 35.2	Arrive at a logical provisional diagnosis after examination	K/S	SH	Y	Bedside clinics		
O.G.35.3	Recognize situations, which call for urgent or early treatment at secondary and tertiary centres and make a prompt referral of such patients after giving first aid or emergency treatment.	K/S	SH	Y	Bedside clinics		

1. Bedside clinics – 15
2. Small group
discussions – 10
3. Skill station - 01
4. DOAP session- 05