



RAMA MEDICAL COLLEGE HOSPITAL & RESEARCH CENTRE, HAPUR

Phase III Part-2 Clinical Posting (2019 Batch)

Clinical Postings for Phase –III Part 2 (2019-20) MBBS Batch; 10 am to 1 pm

Clinical Posting of III MBBS Part -2 (2019 Batch)

Date	IM (12 wks)	PE (4 wks)	OR (2 wks)	SU (12 wks)	DR (2 wks)	OG (12 wks)
13-26 Feb '23	A1	A2	B1	B2	C1	C2
27 Feb-12 Mar '23	A1	A2	C1	B2	B1	C2
13-26 Mar '23	A1+A2	C1		B2		C2+B1
27 Mar- 9 Apr'23	A1+A2	C1		B2		C2+B1
10-23 Apr'23	A1+A2			B2+C1		C2+B1
24 Apr- 7 May '23	A1+A2			B2+C1		C2+B1
8-21 May '23	A2	B2	C2	C1	A1	B1
22 May-4 Jun '23	A2	B2	A1	C1	C2	B1
5-18 Jun '23	B2	C2+B1		C1	A2	A1
19 Jun-2 Jul '23	B2	C2+B1	A2	C1		A1
3-16 Jul '23	B2+C2			B1+A2		A1+C1
17-30 Jul '23	B2+C2			B1+A2		A1+C1
31 Jul -13 Aug'23	B2+C2			B1+A2		A1+C1
14-27 Aug '23	B2+C2			B1+A2		A1+C1
28 Aug- 10 Sep '23	C2	A1		B1+A2		C1+B2
11-24 Sep '23	C2	A1		B1+A2		C1+B2
25 Sep- 8 Oct '23	C1+B1			C2+A1		B2+A2
9-22 Oct '23	C1+B1			C2+A1		B2+A2
23 Oct-5 Nov '23	C1+B1			C2+A1		B2+A2
6-19 Nov '23	C1+B1			C2+A1		B2+A2
20 Nov- 3 Dec'23	C1+B1			C2+A1	B2	A2
4-17 Dec'23	C1+B1		B2	C2+A1		A2
18-31Dec '23	A1	A2	B1	B2	C1	C2
1-14 Jan '24	A1	A2	B1	B2	C1	C2
15-31 Jan '24	A2	B1	B2	C1	C2	A1

IM-Internal Medicine, SU-Surgery, OG–Obstetrics & Gynaecology, PE-Paediatrics, DR-Dermatology, OR-Orthopedics

Batch is divided into 6 Groups as below:

A1 (19002-04,07,08,10-17,19-25)	A2 (19026,27,29-36,38-41,43-47,49,50)
B1 (19051-56,58-67,71,73-75)	B2 (19076,77,79-82,84-94,97-99)
C1 (19100-104,106-110,113,116-118,120,121,123-128)	C2 (19130-139,141,143-149,18054,18073,3309095,3308066)



Clinical Posting Classes for Phase-III Part 2 (2019-20 Batch)

Phase-III Part 2 students (2019-20 Batch) are posted in different departments for 2 or 4 weeks (as given in schedule above) **from Mon to Sat- 10 am to 1 pm; 18 Hours a week. The Phase-III Part 2 student** should be able to take History, to do Physical Examination, to Assess change in clinical status Communication & Patient Education. Departments **may ensure that students take all precautions to prevent Covid-19 as per the periodic instructions of the government.**

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1. Clinical Posting Classes for Phase-III Part 2 (2019-20 Batch): Internal Medicine

Each group is posted for **12 weeks in Medicine from Monday to Saturday (10 am to 1 pm)**. The students may be **posted in rotation in the OPD, Ward & Special clinic** according to the unit/units in the department. Faculty in charge for teaching will facilitate the Clinical Posting of students as follows:

Internal Medicine-Weekly Schedule

Week	Day	Faculty
Week 1 to Week 4	Mon	Faculty-in-Charge as decided by the HoD
	Tue	
	Wed	
	Thurs	
	Fri	
	Sat	

Faculty to ensure that the students take proper precautions to prevent Covid-19 as per the periodic government instructions. The following competencies may be imparted to the students posted according to the availability of patients:

S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
1.	IM 1.1: Describe & discuss the epidemiology, pathogenesis clinical evolution & course of common causes of heart disease including: rheumatic/ valvular, ischemic, hypertrophic inflammatory IM 1.2: Describe and discuss the genetic basis of some forms of heart failure	CP 1 IM 1.1, 1.2: Heart Diseases- Common Causes, their epidemiology, pathogenesis clinical features.	Heart Diseases: • Enumerate common causes of Heart Diseases • Describe their epidemiology, pathogenesis. • Describe the Clinical Feature of each cause. • Do a systemic examination of the patient. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the response & performance; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
2.	IM 1.3: Describe & discuss the aetiology microbiology pathogenesis & clinical evolution of rheumatic fever, criteria, degree of rheumatic activity & rheumatic valvular heart disease & its complications including infective endocarditis.	CP 2 IM 1.3: Rheumatic Fever including Infective Endocarditis- Aetiology, Pathogenesis, Clinical Feature, Criteria, Degree, Complication.	Rheumatic fever: • Describe Aetiology, Pathogenesis & Clinical Feature. • Discuss the Criteria, Degree of Rheumatic activity. • Discuss the Complication. • Do a systemic examination of the	<ul style="list-style-type: none"> • Observe the response & performance; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. Provide feedback



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			<p>patient.</p> <ul style="list-style-type: none"> • Document in the Logbook/Portfolio. 	
3.	<p>IM 1.4: Stage heart failure</p> <p>IM 1.5: Describe, discuss & differentiate the processes involved in Rt Vs Lt heart failure, systolic vs diastolic failure</p>	<p>CP 3</p> <p>IM 1.4, 1.5:</p> <p>Stage heart failure, Rt Vs Lt Heart failure, systolic vs diastolic failure</p>	<p>Heart Failure- Stages, Types:</p> <ul style="list-style-type: none"> • Describe the Stages of Heart Failure. • Document the stage of Heart Failure. • Do a systemic examination of the patient & present the case. • Presents the case through SNAPPS & probes the Faculty for more clarity. • Describe & discuss & differentiate the processes involved in R Vs L heart failure, systolic vs diastolic failure. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Student presents the case through SNAPPS. • Observe the performance; Viva; Probe the diagnosis. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
4.	<p>IM 1.10: Elicit document & present an appropriate history that will establish the diagnosis, cause & severity of heart failure including: presenting complaints, precipitating & exacerbating factors, risk factors exercise tolerance, changes in sleep patterns, features suggestive of infective endocarditis.</p>	<p>CP 4</p> <p>IM 1.10:</p> <p>Heart failure including Infective Endocarditis- Elicit History, Document Assess the severity.</p>	<p>Heart Failure:</p> <ul style="list-style-type: none"> • Elicit history establish the diagnosis, cause & severity of Heart Failure. • Identify the precipitating & exacerbating factors, risk factors exercise tolerance, changes in sleep patterns, any features suggestive of infective endocarditis. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Student presents the case through OMP. • Observe the performance; Viva; Probe the diagnosis. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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5.	<p>IM 1.11: Perform & demonstrate a systematic examination based on the history that will help establish the diagnosis & estimate its severity including: measurement of pulse, blood pressure & respiratory rate, jugular venous forms & pulses, peripheral pulses, conjunctiva & fundus, lung, cardiac examination including palpation & auscultation with identification of heart sounds & murmurs, abdominal distension & splenic palpation.</p> <p>IM 1.12: Demonstrate peripheral pulse, volume, character, quality & variation in various causes of heart failure.</p> <p>IM 1.13: Measure the blood pressure accurately, recognize & discuss alterations in blood pressure in valvular heart disease & other causes of heart failure & cardiac tamponade.</p>	<p>CP 5:</p> <p>IM 1.11-1.13:</p> <p>Heart Disease- Perform & demonstrate a systematic examination</p>	<p>Heart Disease Examination:</p> <ul style="list-style-type: none"> • Perform & demonstrate a systematic examination in Heart Disease. • Discuss alterations in blood pressure in valvular heart disease & other causes of heart failure & cardiac tamponade. • Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> • Observe the performance; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
6.	<p>IM 1.14: Demonstrate & measure jugular venous distension</p> <p>IM 1.15: Identify & describe the timing, pitch quality conduction & significance of precordial murmurs & their variations.</p>	<p>CP 6</p> <p>IM1.14, 1.15:</p> <p>Demonstrate & Measure Jugular venous distension, Significance of Precordial Murmurs & their Variations</p>	<p>Heart Disease Investigations:</p> <ul style="list-style-type: none"> • Demonstrate & Measure Jugular venous distension, • Discuss the Precordial Murmurs & their Variations & their significance. • Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> • Observe the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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7.	IM 1.16: Differential diagnosis & most likely diagnosis based on the clinical presentation	CP 7 IM 1.16: Differential diagnosis in a Cardiac Case & most likely diagnosis based on the clinical presentation	Differential Diagnosis in a Cardiac Case: <ul style="list-style-type: none"> • Clinical Presentation of case. • Generate a differential diagnosis. • Conclude a most likely diagnosis based on the clinical presentation. • Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> • Observe the performance; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
8.	IM 1.28: Congenital heart disease; Features of cyanotic and acyanotic heart disease	CP 8 IM 1.28: Congenital heart disease; Features of cyanotic and acyanotic heart disease	Heart Disease Presentations: <ul style="list-style-type: none"> • Clinical Presentation. • Generate a differential diagnosis. • Conclude a most likely diagnosis based on the clinical presentation. • Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> • Observe the performance; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
9.	IM 2.1: Discuss and describe the epidemiology, antecedents and risk factors for atherosclerosis and ischemic heart disease IM 2.2: Discuss the aetiology of risk factors both modifiable & non modifiable of atherosclerosis and IHD IM 2.3: Discuss and describe the lipid cycle and the role of dyslipidemia in the pathogenesis of atherosclerosis	CP 9 IM 2.1-2.4 Atherosclerosis & IHD - Risk Factors, Dyslipidemia, Pathogenesis, Natural History & Complication	Atherosclerosis & IHD: <ul style="list-style-type: none"> • Define Atherosclerosis, IHD & acute coronary syndromes. • Describe the natural history & outcomes. • Enumerate risk factors both modifiable & non modifiable of atherosclerosis and IHD. • Describe Lipid cycle, discuss role 	<ul style="list-style-type: none"> • Observe the discussion/description. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	IM 2.4: Discuss and describe the pathogenesis natural history, evolution and complications of atherosclerosis and IHD.		<p>of dyslipidemia in atherosclerosis</p> <ul style="list-style-type: none"> Describe the pathogenesis natural history, evolution and complications of atherosclerosis and IHD. Document in the Logbook/Portfolio. 	
10.	<p>IM 2.5: Define the various acute coronary syndromes & describe their evolution, natural history & outcomes.</p> <p>IM 2.6: Elicit document & present an appropriate history that includes onset evolution, presentation risk factors, family history, comorbid conditions, complications, medication, history of atherosclerosis, IHD & coronary syndromes.</p> <p>IM 2.7: Perform, demonstrate & document a physical examination including a vascular & cardiac examination that is appropriate for the clinical presentation.</p> <p>IM 2.8: Generate document & present a differential diagnosis based on the clinical presentation & prioritize based on “cannot miss”, most likely diagnosis & severity.</p>	<p align="center">CP 10</p> <p align="center">IM 2.5-2.8:</p> <p>Atherosclerosis, IHD & Coronary Syndromes- Clinical Presentation, Perform a physical examination including a vascular & cardiac examination</p>	<p>Atherosclerosis, IHD, Acute coronary syndromes:</p> <ul style="list-style-type: none"> Define & describe their evolution, natural history & outcomes of Acute coronary syndromes. Elicit History that including onset evolution, risk factors, family history, comorbid conditions, complications, medication, and history of atherosclerosis, IHD & coronary syndromes. Perform physical examination including a vascular & cardiac examination. Present the case. Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> Observe the description & performance. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.



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11.	<p>IM 2.9: Distinguish & differentiate between stable & unstable angina & AMI based on the clinical presentation.</p> <p>IM 2.10: Order, perform and interpret an ECG.</p> <p>IM 2.11: Order and interpret a Chest X-ray and markers of acute myocardial infarction.</p> <p>IM 2.12: Choose and interpret a lipid profile and identify the desirable lipid profile in the clinical context.</p> <p>IM 2.13: Discuss and enumerate the indications for and findings on echocardiogram, stress testing and coronary angiogram.</p>	<p align="center">CP 11</p> <p align="center">IM 2.9-2.13:</p> <p align="center">Stable & unstable angina & AMI. Clinical Presentation & Investigations</p>	<p>Physical & Cardiac Examination, Stable, Unstable angina & AMI:</p> <ul style="list-style-type: none"> • Physical & Cardiac Examination of a cardiac patient. • Differential diagnosis based on the clinical presentation. • Clinical Presentation through SNAPPS. • Distinguish & differentiate between stable & unstable angina & AMI based. • Enlist & Interpret investigations for AMI- ECG, Chest X-Ray, markers, lipid profile, ECHO, stress testing and coronary angiogram. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the discussion. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
12.	<p>IM 2.14: Discuss and describe the indications for admission to a coronary care unit and supportive therapy for a patient with acute coronary syndrome</p> <p>IM 2.15: Discuss & describe the medications used in patients with an acute coronary syndrome based on the clinical presentation.</p>	<p align="center">CP 12</p> <p align="center">IM 2.14-2.15:</p> <p align="center">Indications for admission of Acute Coronary Syndrome to CCU.</p> <p align="center">Medications used in patients with an acute coronary syndrome based on the clinical presentation.</p>	<p>Acute Coronary Syndrome in CCU:</p> <ul style="list-style-type: none"> • Enumerate indications for admission of Acute Coronary Syndrome to CCU. • Enumerate medications used in patients with an acute coronary syndrome • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Assess the indications & treatment of Acute Coronary Syndrome in CCU. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



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13.	<p>IM 2.16: Discuss and describe the indications for acute thrombolysis, PTCA and CABG.</p> <p>IM 2.17: Discuss and describe the indications and methods of cardiac rehabilitation.</p>	<p>CP 13</p> <p>IM 2.16 & 2.17: Indication for acute thrombolysis, PTCA, CABG and cardiac rehabilitation.</p>	<p>Indication for acute thrombolysis, PTCA, CABG and cardiac rehabilitation:</p> <ul style="list-style-type: none"> • Discuss and describe the indications for Acute thrombolysis, PTCA and CABG. • Indications and methods of cardiac rehabilitation. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the discussion. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
14.	<p>IM 2.18: Discuss and describe the indications, formulations, doses, side effects and monitoring for drugs used in the management of dyslipidemia.</p> <p>IM 2.19: Discuss and describe the pathogenesis, recognition and management of complications of acute coronary syndromes including arrhythmias, shock, LV dysfunction, papillary muscle rupture and pericarditis.</p> <p>IM 2.20: Discuss and describe the assessment and relief of pain in acute coronary syndromes</p>	<p>CP 14</p> <p>IM 2.18-2.20: Acute coronary syndromes - drugs used in the management of dyslipidemia; identify complications, assessment and relief of pain</p>	<p>Acute coronary syndromes – medications, complications and relief of pain</p> <ul style="list-style-type: none"> • Discuss and enlist drugs used in the management of dyslipidemia. • Discuss & describe the pathogenesis, recognition and management of complications of acute coronary syndromes. • Discuss and describe the assessment and relief of pain in acute coronary syndromes. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the discussion. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



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15.	<p>IM 3.4: Elicit document & present an appropriate history including the evolution, risk factors including immune status & occupational risk.</p> <p>IM 3.5: Perform, document & demonstrate a physical examination including general examination & appropriate examination of the lungs that establishes the diagnosis, complications & severity of disease.</p> <p>IM 3.6: Generate document & present a differential diagnosis based on the clinical features, & prioritize the diagnosis based on the presentation.</p>	<p>CP 15</p> <p>IM 3.4-3.6: Lung Disease (Pneumonia): Document, Elicit & present history, demonstrate a physical examination & Discuss differential diagnosis.</p>	<p>Pneumonia Presentation:</p> <ul style="list-style-type: none"> • Elicit History in a patient with Lung Disease (Pneumonia) including immune status & occupational risk. • Perform physical & general examination. • Perform appropriate examination of the lungs to establish the diagnosis, complications & severity of disease. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the performance; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
16.	<p>IM 3.7: Order & interpret diagnostic tests based on the clinical presentation including: CBC, Chest X ray PA view, Mantoux, sputum gram stain, sputum culture & sensitivity, pleural fluid examination & culture, HIV testing & ABG.</p> <p>IM 3.8: Demonstrate in a mannequin and interpret results of an arterial blood gas examination.</p>	<p>CP 16</p> <p>IM 3.7 & 3.8: Order & interpret diagnostic tests including ABG based on the clinical presentation in Pneumonia</p>	<p>Pneumonia Investigations:</p> <ul style="list-style-type: none"> • Enumerate & Interpret diagnostic tests required for Pneumonia. • Demonstrate in a mannequin and interpret results of an arterial blood gas examination. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Assess the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
17.	<p>IM 3.9: Demonstrate in a mannequin and interpret results of a pleural fluid aspiration.</p> <p>IM3.10: Demonstrate the correct technique in a mannequin and interpret results of a blood culture.</p>	<p>CP 17</p> <p>IM 3.9-3.11: Demonstrate & interpret pleural fluid aspiration, blood culture in Pneumonia. Enumerate the indications for further</p>	<p>Pneumonia Investigations:</p> <ul style="list-style-type: none"> • Enumerate & Interpret diagnostic tests required for Pneumonia. • Demonstrate in a mannequin and 	<ul style="list-style-type: none"> • Assess the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



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	IM 3.11: Describe and enumerate the indications for further testing including HRCT, Viral cultures, PCR and specialized testing.	testing including HRCT, Viral cultures, PCR and specialized testing.	interpret results of pleural fluid aspiration, blood culture. • Enumerate the indications for further testing including HRCT, Viral cultures, PCR and specialized testing. • Document in the Logbook/Portfolio.	
18.	IM 3.12: Select, describe and prescribe based on the most likely aetiology, an appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum. IM 3.13: Select, describe and prescribe based on culture and sensitivity appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum. IM 3.14: Perform and interpret a sputum gram stain and AFB	CP 18 IM 3.12-3.14: Select Antimicrobial based on Antimicrobial spectrum, C & S in Pneumonia. Perform & interpret sputum gram stain and AFB	Pneumonia Selection of Antimicrobials: • Select an appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum & justify. • Select & justify appropriate empirical antimicrobial based on C & S. • Perform and interpret a sputum gram stain and AFB. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Assess the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
19.	IM 3.15: Describe and enumerate the indications for hospitalization in patients with pneumonia. IM 3.16: Describe and enumerate the indications for isolation and barrier nursing in patients with pneumonia. IM 3.17: Describe and	CP 19 IM 3.15-3.19: Pneumonia- Indication for Hospitalization, Isolation, Barrier Nursing, Supportive Therapy, Counsel Patient/Relatives about management &	Pneumonia Investigations: • Enumerate Indication for Hospitalization, Isolation, Barrier Nursing. • Enumerate Supportive Therapy. • Discuss Counseling	<ul style="list-style-type: none"> • Assess the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



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	discuss the supportive therapy in patients with pneumonia including oxygen use and indications for ventilation. IM 3.18: Communicate and counsel patient on family on the diagnosis and therapy of pneumonia. IM 3.19: Discuss, describe, enumerate the indications and communicate to patients on pneumococcal and influenza vaccines.	Vaccines	Patient/Relatives about management. •Discuss Vaccine for Pneumonia. •Document in the Logbook/Portfolio.	
20.	IM 4.1: Describe & discuss the febrile response & the influence of host immune status, risk factors & comorbidities on the febrile response. IM 4.2: Describe & discuss the influence of special populations on the febrile response including: the elderly, immune suppression, malignancy & neutropenia, HIV & travel.	CP 20 IM 4.1-4.2: Fever- Common Causes, Inflammatory & malignant causes, Pathophysiology, Clinical Manifestation(VI-MI)	Fever: •Describe & discuss factors responsible febrile response. •Enumerate the special populations affected during fever. •Enumerate the causes & presentations of bacterial, parasitic & viral fever. •Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Student presents the case through OMP. • Assess the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
21.	IM 4.3: Discuss & describe the common causes, pathophysiology & manifestations of fever in various regions in India including bacterial, parasitic & viral causes (e.g. Dengue, Chikungunya and Typhus).	CP 21 IM 4.3: Fever- Common Causes, in various regions in India including bacterial, parasitic & viral causes: e.g. Dengue, Chikungunya, Typhus, Clinical Manifestation (VI-MI)	Fever: •Enumerate the causes & presentations of common causes, in various regions in India including bacterial, parasitic & viral causes: e.g. Dengue, Chikungunya, Typhus, •Clinical	<ul style="list-style-type: none"> • Student presents the case through OMP. • Assess the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



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			Manifestation Document in the Logbook/Portfolio.	
22.	IM 4.4: Describe & discuss the pathophysiology & manifestations of inflammatory causes of fever. IM 4.5: Describe & discuss the pathophysiology & manifestations of malignant causes of fever including hematologic & lymph node malignancies.	CP 22 IM 4.4: Fever-Inflammatory causes, pathophysiology, clinical Manifestation(VI-MI)	Fever: •Describe & discuss the clinical presentation in inflammatory causes of fever. •Document in the Logbook/Portfolio.	• Student presents the case through OMP. • Assess the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
23.	IM 4.5: Describe & discuss the pathophysiology & manifestations of malignant causes of fever including hematologic & lymph node malignancies.	CP 23 IM 4.5: Fever-Malignant causes, pathophysiology, clinical manifestation(VI-MI,PA)	Fever: •Describe & discuss the clinical presentation in malignant causes of fever. •Document in the Logbook/Portfolio.	• Student presents the case through OMP. • Assess the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
24.	IM 4.6: Discuss and describe the pathophysiology and manifestations of malaria.	CP 24 IM 4.5: Fever-Pathophysiology and manifestations of Malaria (VI-MI)	Malaria Fever: •Describe & discuss the Pathophysiology and manifestations of malaria •Document in the Logbook/Portfolio.	• Student presents the case through OMP. • Assess the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
25.	IM 4.7: Discuss and describe the pathophysiology and manifestations of the sepsis syndrome.	CP 25 IM 4.5: Fever-Pathophysiology and manifestations of Sepsis Syndrome. (VI-MI)	Fever-Sepsis Syndrome: •Describe & discuss the clinical presentation in Sepsis Syndrome •Document in the Logbook/Portfolio.	• Assess the discussion & performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



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26.	IM 4.8: Discuss & describe the pathophysiology, aetiology & clinical manifestations of fever of unknown origin (FUO) including in a normal host, neutropenic host, nosocomial host & a host with HIV disease.	CP 26 IM 4.8: Fever of unknown origin (FUO)- pathophysiology, etiology and clinical manifestations (VI-MI).	FUO: • Describe & discuss factors involved, etiology and clinical manifestations in FUO. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the systematic examination, discussion about DD. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
27.	IM 4.9: Elicit document and present a medical history that helps delineate the aetiology of fever that includes the evolution and pattern of fever, associated symptoms, immune status, comorbidities, risk factors, exposure through occupation, travel and environment and medication use	CP 27 IM 4.9: Fever of unknown origin (FUO)- occupation, travel and environment and medication use (VI-MI,PH).	FUO: • Describe & discuss factors involved in FUO due to occupation, travel and environment and medication use • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the systematic examination, discussion about DD. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
28.	IM 4.10: Perform a systematic examination that establishes the diagnosis & severity of presentation that includes: general skin mucosal & lymph node examination, chest & abdominal examination (including examination of the liver & spleen). IM 4.11: Generate a differential diagnosis & prioritize based on clinical features that help distinguish between infective, inflammatory, malignant &	CP 28 IM 4.10-4.11: Fever of unknown origin (FUO)- Systematic examination to diagnosis & severity of presentation that includes: general skin mucosal & lymph node examination, chest & abdominal examination (including liver & spleen examination) Differential diagnosis between infective, inflammatory, malignant & rheumatologic causes.	FUO: • Perform a systematic examination to establish the diagnosis & severity of presentation. • Discuss differential diagnosis between infective, inflammatory, malignant & rheumatologic causes • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the systematic examination, discussion about DD. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



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Phase III Part-2 Clinical Posting (2019 Batch)

S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	rheumatologic causes.			
29.	<p>IM 5.1: Describe and discuss the physiologic and biochemical basis of Hyperbilirubinemia.</p> <p>IM 5.2: Describe and discuss the aetiology and pathophysiology of liver injury.</p> <p>IM 5.3: Describe and discuss the pathologic changes in various forms of liver disease.</p>	<p>CP 29</p> <p>IM 5.1-5.5: Liver Disease- Hyperbilirubinemia, Liver injury, various forms of liver disease. (VI-MI).</p>	<p>Liver Diseases:</p> <ul style="list-style-type: none"> • Describe & discuss physiologic and biochemical basis of Hyperbilirubinemia. • Describe and discuss the aetiology and pathophysiology of liver injury. • Describe and discuss the pathologic changes in various forms of liver disease. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the discussion & description on Clinical Features, aetiology & pathophysiology of Hyperbilirubinemia, Liver injury, various forms of liver disease. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
30.	<p>IM 5.4: Describe and discuss the epidemiology, microbiology, immunology and clinical evolution of infective (viral) hepatitis.</p>	<p>CP 30</p> <p>IM 5.4: Viral Hepatitis-Aetiology and pathophysiology, Clinical evolution (VI-MI).</p>	<p>Liver Diseases:</p> <ul style="list-style-type: none"> • Describe & discuss the epidemiology & Clinical evolution of Infective (Viral) hepatitis. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the discussion & description on Clinical Features, aetiology & pathophysiology of Infective (Viral) hepatitis. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
31.	<p>IM 5.5: Describe and discuss the pathophysiology and clinical evolution of alcoholic liver disease.</p>	<p>CP 31</p> <p>IM 5.5: Liver Disease- Alcoholic Liver Disease-Aetiology and pathophysiology, Clinical evolution (VI-MI).</p>	<p>Liver Diseases:</p> <ul style="list-style-type: none"> • Describe & discuss the epidemiology & Clinical evolution of Alcoholic Liver Disease. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the discussion & description on Clinical Features, aetiology & pathophysiology of Alcoholic Liver Disease. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
32.	<p>IM 5.6: Describe and</p>	<p>CP 32</p>	<p>Cirrhosis & Portal</p>	<ul style="list-style-type: none"> • Observe the



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	discuss the pathophysiology, clinical evolution and complications of cirrhosis and portal hypertension including ascites, spontaneous bacterial peritonitis, hepatorenal syndrome and hepatic encephalopathy.	IM 5.6,5.7: Cirrhosis & Portal hypertension, (VI-PA)	hypertension: •Describe & discuss pathophysiology, clinical evolution and complications of cirrhosis and portal hypertension. •Document in the Logbook/Portfolio.	discussion & description on Clinical Features, aetiology & pathophysiology on Cirrhosis & Portal hypertension. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
33.	IM 5.7: Enumerate and describe the causes and pathophysiology of drug induced liver injury.	CP 33 IM 5.6,5.7: Cirrhosis & Portal hypertension, Drug induced Liver Injury (VI-PA)	Cirrhosis & Portal hypertension, Drug induced Liver Injury: •Describe and discuss causes and pathophysiology of drug induced liver injury. •Document in the Logbook/Portfolio.	• Observe the discussion & description . • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
34.	IM 5.8: Describe and discuss the pathophysiology, clinical evolution & complications Cholelithiasis & Cholecystitis.	CP 34 IM 5.8: Presentation of Cholelithiasis and Cholecystitis (VI-PA)	Cholelithiasis and Cholecystitis: •Describe & discuss pathophysiology, clinical evolution and complications of Cholelithiasis and Cholecystitis. •Document in the Logbook/Portfolio.	• Observe the discussion & description of the presentation. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
35.	IM 5.9: Elicit document & present a medical history that helps delineate the aetiology of the current presentation & includes clinical presentation, risk factors, drug use, sexual history, vaccination history & family history. IM 5.10: Perform a systematic examination	CP 35 IM 5.9-5.12: Liver Disease- Document, Elicit history & Perform systematic examination, discuss DD & enumerate & interpret diagnostic tests	Portosystemic Hypertension & Hepatic Encephalopathy: •Elicit history & document a case of Liver Disease. •Perform & demonstrate a systematic examination to establish a diagnosis	• Observe & assess the performance; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	<p>that establishes the diagnosis & severity that includes nutritional status, mental status, jaundice, abdominal distension ascites, features of Portosystemic hypertension & hepatic encephalopathy.</p> <p>IM 5.11: Generate a differential diagnosis & prioritize based on clinical features that suggest a specific aetiology for the presenting symptom.</p> <p>IM 5.12: Choose & interpret appropriate diagnostic tests including: CBC, bilirubin, function tests, Hepatitis serology & ascetic fluid examination in patient with liver diseases.</p>		<p>of features of Portosystemic hypertension & hepatic encephalopathy.</p> <ul style="list-style-type: none"> •Present the case through SNAPPS. •Generate a DD based on the clinical findings. •Document in the Logbook/Portfolio. •Present during rounds. 	
36.	<p>IM 6.5: Describe and discuss the pathogenesis, evolution and clinical features of common HIV related malignancies.</p> <p>IM 6.6: Describe and discuss the pathogenesis, evolution and clinical features of common HIV related skin and oral lesions.</p> <p>IM 6.7: 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</p>	<p align="center">CP 36</p> <p align="center">IM 6.5-6.8:</p> <p>HIV-Discuss aetiology, risk factors, opportunistic infections & DD (VI-PA,MI)</p>	<p>Common HIV related malignancies:</p> <ul style="list-style-type: none"> •Describe & discuss the pathogenesis, evolution and clinical features of common HIV related malignancies. •Describe and discuss the pathogenesis of skin and oral lesions in common HIV related malignancies. •Elicit document and medical history, possible aetiology of and enumerate risk 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	and nutritional status. IM 6.8: Generate a differential diagnosis and prioritize based on clinical features that suggest a specific aetiology for the presenting symptom.		factors for HIV. •Discuss mode of infection, other sexually transmitted diseases, risks for opportunistic infections and nutritional status. •Generate a DD based on clinical features that suggest a specific aetiology for the presenting symptom.	
37.	IM 7.5: Describe & discriminate acute, sub-acute & chronic causes of joint pain. IM 7.6: Discriminate, describe & discuss arthralgia from arthritis & mechanical from inflammatory causes of joint pain. IM 7.7: Discriminate, describe & discuss distinguishing articular from periarticular complaints. IM 7.8: Determine the potential causes of joint pain based on the presenting features of joint involvement. IM 7.9: Describe the common signs & symptoms of articular & periarticular diseases. IM 7.10: Describe the systemic manifestations of rheumatologic disease.	CP 37 IM 7.5-7.10: Joint Pain-Types, causes, Presenting Features of articular & periarticular diseases, rheumatological disease (HI-OR, PM)	Joint Pain: •Describe & discriminate acute, subacute & chronic causes of joint pain. •Discriminate causes of arthralgia from arthritis & mechanical from inflammatory causes of joint pain. •Discriminate articular from periarticular complaints. •Determine the causes, describe the common features of articular & periarticular diseases. •Describe the systemic manifestations of rheumatologic disease. •Document in the Logbook/Portfolio	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
38.	<p>IM 7.16: Enumerate the indications for arthrocentesis.</p> <p>IM 7.17: Enumerate the indications and interpret plain radiographs of joints.</p> <p>IM 7.18: Communicate diagnosis, treatment plan and subsequent follow up plan to patients.</p> <p>IM 7.19: Develop an appropriate treatment plan for patients with rheumatologic diseases.</p>	<p align="center">CP 38</p> <p>IM 7.16-7.19: Joint Pain- indications for arthrocentesis, interpret plain radiograph, Management (HI-OR, PM)</p>	<p>Investigations of Joint Pain/Rheumatologic diseases:</p> <ul style="list-style-type: none"> • Enumerate the indications for arthrocentesis. • Enumerate the indications and interpret plain radiographs of joints. • Communicate diagnosis, treatment plan and subsequent follow up plan to patients/relatives.. • Develop an appropriate treatment plan for patients with. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
39.	<p>IM 8.9: Elicit document and present a medical history that includes: duration and levels, symptoms, comorbidities, lifestyle, risk factors, family history, psychosocial and environmental factors, dietary assessment, previous and concomitant therapy.</p> <p>IM 8.10: Perform a systematic examination that includes: an accurate measurement of blood pressure, fundus examination, examination of vasculature and heart.</p>	<p align="center">CP 39:</p> <p>IM 8.9- 8.10: Elicit document and present a medical history, Systematic Examination, Clinical Presentation of Hypertension.</p>	<p>Hypertension:</p> <ul style="list-style-type: none"> • Elicit Medical history, symptoms, and risk & environment factors. • Elicit dietary assessment, previous and concomitant therapy. • Perform systematic examination that includes: an accurate measurement of BP, fundus examination, examination of vasculature and heart. • Document in the Logbook/Portfolio. • Present during rounds. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the communication skills. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
40.	<p>IM8.11: Generate a differential diagnosis & prioritize based on clinical features that suggest a specific aetiology.</p> <p>IM 8.12: Describe the appropriate diagnostic work up based on the presumed aetiology</p> <p>IM 8.13: Enumerate the indications for & interpret the results of: CBC, Urine routine, BUN, Cr, Electrolytes, Uric acid, ECG.</p> <p>IM 8.14: Develop an appropriate treatment plan for essential hypertension.</p> <p>IM 8.15: Recognize, prioritize & manage hypertensive emergencies.</p> <p>IM 8.16: Develop & communicate to the patient lifestyle modification including weight reduction, moderation of alcohol intake, physical activity & sodium intake.</p>	<p align="center">CP 40</p> <p align="center">IM 8.11-8.16:</p> <p align="center">Hypertension- DD, Diagnostic work up, Treatment plan & communicate lifestyle modification in Hypertensive.</p>	<p>Hypertension:</p> <ul style="list-style-type: none"> •Present the case through SNAPPS. •Probe the faculty for more clarity. •Generate a DD based on the clinical presentation. •Enumerate appropriate diagnostic work ups. •Enumerate the indications for the various tests & interpret their results. •Develop an appropriate treatment plan for essential hypertension. •Discuss hypertensive emergencies. •Use Kalamazoo method to communicate to the patient for lifestyle modification. •Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the communication skills. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
41.	<p>IM 8.17: Perform & interpret a 12 lead ECG</p> <p>IM 8.18: Incorporate patient preferences in the management of HTN</p> <p>IM 8.19: Demonstrate understanding of the impact of Hypertension on quality of life, wellbeing, work and family</p> <p>IM 8.20: Determine the need for specialist consultation.</p>	<p align="center">CP 41</p> <p align="center">IM 8.17-8.20:</p> <p align="center">Hypertension- Perform & interpret ECG. Management including life style changes & specialist consultation.</p> <p align="center">DD, Diagnostic work up, Treatment plan & communicate lifestyle modification in Hypertensive.</p>	<p>Hypertension:</p> <ul style="list-style-type: none"> •Perform & interpret a 12 lead ECG •Plan management of HTN including life style changes & specialist consultation. •Document in the Logbook/Portfolio. •Present during rounds. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the communication skills. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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42.	<p>IM 9.3: Elicit document and present a medical history that includes symptoms, risk factors including GI bleeding, prior history, medications, menstrual history, and family history.</p> <p>IM 9.4: Perform a systematic examination that includes: general examination for pallor, oral examination, DOAP session of hyper dynamic circulation, lymph node and splenic examination.</p> <p>IM 9.5: Generate a differential diagnosis and prioritize based on clinical features that suggest a specific aetiology.</p>	<p>CP 42:</p> <p>IM 9.3- 9.5: Anaemia- Document, Elicit History, clinical features, systematic examination and DD.</p>	<p>Anaemia:</p> <ul style="list-style-type: none"> •Present the case •Generate a DD based on the clinical presentation. •Enumerate appropriate diagnostic work ups. •Enumerate the indications for the various tests & interpret their results. •Develop an appropriate treatment plan. •Discuss anemia complications. •Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the communication skills. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
43.	<p>IM 10.1: Define, describe and differentiate between acute and chronic renal failure.</p> <p>IM 10.2: Classify, describe and differentiate the pathophysiologic causes of acute renal failure.</p> <p>IM 10.3: Describe the pathophysiology and causes of pre renal ARF, renal and post renal ARF.</p> <p>IM 10.4: Describe the evolution, natural history and treatment of ARF.</p> <p>IM 10.5: Describe and discuss the aetiology of CRF.</p>	<p>CP 43:</p> <p>IM 10.1-10.5: ARF & CRF- Clinical Presentation & Treatment Plan.</p>	<p>ARF & CRF:</p> <ul style="list-style-type: none"> •Elicit history & document a case Renal Failure. •Identify whether it is ARF or CRF. •Generate a DD based on the clinical presentation. •Describe the pathophysiology and causes of pre renal ARF, renal and post renal ARF. •Describe the evolution, natural history and treatment of ARF. •Describe and discuss the aetiology of CRF. •Develop an 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the communication skills. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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			appropriate treatment plan. • Document in the Logbook/Portfolio.	
44.	<p>IM 11.7: Elicit document and present a medical history that will differentiate the aetiologies of diabetes including risk factors, precipitating factors, lifestyle, nutritional history, family history, medication history, co-morbidities and target organ disease.</p> <p>IM 11.8: Perform a systematic examination that establishes the diagnosis and severity that includes skin, peripheral pulses, blood pressure measurement, and fundus examination, detailed examination of the foot (pulses, nervous and deformities and injuries).</p> <p>IM 11.9: Describe and recognize the clinical features of patients who present with a diabetic emergency.</p> <p>IM 11.10: Generate a differential diagnosis and prioritize based on clinical features that suggest a specific aetiology.</p>	<p>CP 44: IM 11.7-11.10: Diabetes Mellitus (DM)-Document, Elicit History & Systematic examination, identifying complications, DD.</p>	<p>Diabetic Mellitus:</p> <ul style="list-style-type: none"> • Elicit history & document a case of DM. • Enlist risk factors, precipitating factors, lifestyle, nutritional history, family history, medication history, co-morbidities and target organ disease involved in DM. • Perform a systematic examination to establish the diagnosis and severity that includes skin, peripheral pulses, BP measurement, and fundus examination • Detailed examination of the foot (pulses, nervous and deformities and injuries). • Describe & enumerate CF of a diabetic emergency. • Generate a DD and prioritize based on clinical features that suggest a specific aetiology. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the communication skills. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
45.	<p>IM 11.17: Outline a therapeutic approach to therapy of T2Diabetes based on presentation, severity and complications in a cost effective manner.</p> <p>IM 11.18: 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 II Diabetes including neuropathy, nephropathy, retinopathy, hypertension, dyslipidemia and cardiovascular disease.</p>	<p>CP 45:</p> <p>IM 11.17,11.18 (VI-PA): Diabetes Mellitus-Type 2- Presentaion, complication & Treatment Plan</p>	<p>Diabetic Mellitus:</p> <ul style="list-style-type: none"> •Develop an appropriate treatment plan based on presentation, severity and complications in a cost effective manner. •Describe and discuss medications indications, adverse reactions and interactions of drugs used in the prevention and treatment of target organ damage in Type II Diabetes. • Enumerate complications of Type II Diabetes including neuropathy, nephropathy, retinopathy, hypertension, dyslipidemia and cardiovascular disease. •Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the communication skills. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
46.	<p>IM 12.1: Describe the epidemiology and pathogenesis of hypothyroidism and hyperthyroidism including the influence of iodine deficiency and autoimmunity in the pathogenesis of thyroid disease.</p> <p>IM 12.2: Describe and discuss the genetic basis</p>	<p>CP 46:</p> <p>IM 12.1-12.8 (VI-PY, PA): Thyroid dysfunction- Pathogenesis, Clinical features, history taking, systematic examination, DD.</p>	<p>Thyroid Dysfunction:</p> <ul style="list-style-type: none"> •Describe the epidemiology and pathogenesis of hypothyroidism and hyperthyroidism including the influence of iodine deficiency and autoimmunity in the pathogenesis of 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the communication skills. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	<p>of some forms of thyroid dysfunction.</p> <p>IM 12.3: Describe and discuss the physiology of the hypo-thalamopituitary - thyroid axis, principles of thyroid function testing and alterations in physiologic function.</p> <p>IM 12.4: Describe and discuss the principles of radio iodine uptake in the diagnosis of thyroid disorders.</p> <p>IM 12.5: Elicit document and present an appropriate history that will establish the diagnosis cause of thyroid dysfunction and its severity.</p> <p>IM 12.6: Perform and demonstrate a systematic examination based on the history that will help establish the diagnosis and severity including systemic signs of thyrotoxicosis and hypothyroidism, palpation of the pulse for rate and rhythm abnormalities, neck palpation of the thyroid and lymph nodes and cardiovascular findings.</p>		<p>thyroid disease.</p> <ul style="list-style-type: none"> •Describe and discuss about genetic basis, hypo-thalamopituitary iodine uptake related to thyroid function. •Elicit history, systematic examination to identify thyroid dysfunction – thyrotoxicosis, hypothyroidism. •Generate a DD based on clinical presentation and prioritize it based on the most likely diagnosis. •Document in the Logbook/Portfolio. 	
47.	<p>IM 12.7: Demonstrate the correct technique to palpate the thyroid.</p> <p>IM 12.8: Generate a differential diagnosis based on the clinical presentation and prioritize it based on the most likely diagnosis.</p>	<p>CP 47:</p> <p>IM 12.7-12.11:</p> <p>Thyroid Dysfunction-CF, Correct technique to palpate the thyroid, Diagnostic Tests, Interpret ECG changes & Thyroid Function Tests.</p>	<p>Thyroid Dysfunction:</p> <ul style="list-style-type: none"> •Demonstrate the correct technique to palpate the thyroid. •Generate a DD based on clinical presentation and prioritize it based on 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	<p>IM 12.9: Order and interpret diagnostic testing based on the clinical diagnosis including CBC, thyroid function tests and ECG and radio iodine uptake and scan.</p> <p>IM 12.10: Identify atrial fibrillation, pericardial effusion and bradycardia on ECG.</p> <p>IM 12.11: Interpret thyroid function tests in hypo & hyperthyroidism.</p>		<p>the most likely diagnosis.</p> <ul style="list-style-type: none"> •Order and interpret diagnostic tests for diagnosing hypothyroidism & hyperthyroidism. •Identify ECG changes in a Thyroid dysfunctional patient. •Document in the Logbook/Portfolio. 	
48.	<p>IM 13.1: Describe the clinical epidemiology and inherited & modifiable risk factors for common malignancies in India.</p> <p>IM 13.2: Describe the genetic basis of selected cancers.</p> <p>IM 13.3: Describe the relationship between infection and cancers.</p> <p>IM 13.4: Describe the natural history, presentation, course, complications and cause of death for common cancers.</p> <p>IM 13.5: Describe the common issues encountered in patients at the end of life and principles of management.</p> <p>IM 13.7: Elicit document and present a history that will help establish the aetiology of cancer and includes the appropriate risk factors, duration and evolution.</p> <p>IM 13.9: Demonstrate in a</p>	<p align="center">CP 48</p> <p align="center">IM 13.1-13.5, 13.7-13.9: Cancer-Common malignancies, clinical presentation Document, Elicit History, physical examination. (VI-BI, PA)</p>	<p>Malignancy:</p> <ul style="list-style-type: none"> •Describe clinical epidemiology of common cancers in India. •.Enumerate the various causes-genetic, infections of cancers. • Describe natural history, clinical presentation, complication & causes of death. •Discuss & describe common issues encountered in patients at end of life. •Demonstrate the correct techniques for various common cancers. •Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the communication skills. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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	mannequin the correct technique for performing breast exam, rectal examination and cervical examination and pap smear.			
49.	<p>IM 14.6: Elicit and document and present an appropriate history that includes the natural history, dietary history, modifiable risk factors, family history, clues for secondary causes and motivation to lose weight.</p> <p>IM 14.7: 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.</p>	<p>CP 49</p> <p>IM 14.6-14.7: Obesity -Elicit History, Risk Factors, physical examination. Identify Co-morbidities (VI-BI, PY, PA)</p>	<p>Obesity:</p> <ul style="list-style-type: none"> •Discuss & describe risk factors, dietary history and causes of Obesity. •Perform, document and demonstrate a physical examination, general examination, measurement of abdominal obesity, signs of secondary causes and comorbidities. •Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
50.	<p>IM 14.8: Generate a differential diagnosis based on the presenting symptoms and clinical features and prioritize based on the most likely diagnosis.</p> <p>IM 14.9: Order and interpret diagnostic tests based on the clinical diagnosis including blood glucose, lipids, thyroid function tests etc.</p> <p>IM 14.10: Describe the indications and interpret the results of tests for secondary causes of obesity.</p>	<p>CP 50</p> <p>IM 14.6-14.7: Obesity –Generate a DD, Investigate & interpret results for secondary causes of obesity. (VI-BI, PY, PA)</p>	<p>Obesity-Investigation:</p> <ul style="list-style-type: none"> •Generate a DD based on clinical presentation of obesity. •Enumerate investigations & interpret results for secondary causes and comorbidities. •Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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51.	<p>IM 14.11: Communicate and counsel patient on behavioural, dietary and lifestyle modifications.</p> <p>IM 14.12: Demonstrate an understanding of patient's inability to adhere to lifestyle instructions and counsel them in a non - judgemental way.</p> <p>IM 14.13: Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for obesity.</p> <p>IM 14.14: Describe and enumerate the indications and side effects of bariatric surgery.</p> <p>IM 14.15: Describe and enumerate and educate patients, health care workers and the public on measures to prevent obesity and promote a healthy lifestyle.</p>	<p>CP 51</p> <p>IM 14.6-14.7: Obesity – Prepare a Treatment Plan-. Communicate and counsel, Pharmacotherapy & Surgery (VI-BI, PY, PA)</p>	<p>Obesity-Management:</p> <ul style="list-style-type: none"> • Communicate and counsel an obesity patient or in a simulated environment. • Enumerate indications and side effects of pharmacotherapy for obesity. • Enumerate the indications and side effects of bariatric surgery. • Enumerate strategies to prevent Obesity & promote Healthy Lifestyle. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
52.	<p>IM 15.1: Enumerate, describe and discuss the aetiology of upper and lower GI bleeding.</p> <p>IM 15.2: Enumerate, describe and discuss the evaluation and steps involved in stabilizing a patient who presents with acute volume loss and GI bleed.</p> <p>IM 15.3: Describe and discuss the physiologic effects of acute blood and volume loss.</p> <p>IM 15.4: Elicit and document and present an</p>	<p>CP 52</p> <p>IM 15.1 -15.5 (HI-SU): GI Bleeding- Causes, physiologic effects, presentation, identify route of bleeding, Appropriate Abdominal Examination</p>	<p>GI Bleeding:</p> <ul style="list-style-type: none"> • Discuss & enumerate causes of upper and lower GI bleeding. • Discuss how to stabilize acute volume loss & GI bleed. • Elicit history of bleeding and comorbidities & risk factors. • Perform physical & general examination for volume assessment in a GI 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	appropriate history that identifies the route of bleeding, quantity, grade, volume loss, duration, etiology, comorbid illnesses and risk factors. IM 15.5: Perform, demonstrate and document a physical examination based on the history that includes general examination, volume assessment and appropriate abdominal examination.		bleed case. • Document in the Logbook/Portfolio.	
53.	IM 15.6: Distinguish between upper and lower Gastro-intestinal bleeding based on the clinical features. IM 15.7: Demonstrate the correct technique to perform an anal and rectal examination in a mannequin or equivalent.	CP 53 IM 15.6,15.7: GI Bleeding- Upper & Lower GI Bleeding, Perform Anal & Rectal Examination in Mannequin (HI-SU)	GI Bleeding: • Discuss to distinguish between upper and lower Gastro-intestinal bleeding based on the clinical features. • Perform the correct technique to perform an anal and rectal examination in a mannequin or equivalent. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the response & performance; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
54.	IM 15.8: Generate a differential diagnosis based on the presenting symptoms and clinical features and prioritize based on the most likely diagnosis IM 15.9: Choose and interpret diagnostic tests based on the clinical diagnosis including complete blood count, PT and PTT, stool examination, occult blood,	CP 54 IM 15.8- 15.10: GI Bleeding- Generate a DD & Investigations. (HI-SU)	GI Bleeding: Investigations • Generate a DD based on the presenting symptoms and CF. • Enumerate required diagnostic tests & interpret the test results. • Enumerate the indications for endoscopy, colonoscopy and	<ul style="list-style-type: none"> • Observe the response & performance; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



RAMA MEDICAL COLLEGE HOSPITAL & RESEARCH CENTRE, HAPUR

Phase III Part-2 Clinical Posting (2019 Batch)

S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	liver function tests, H.Pylori test. IM 15.10: Enumerate the indications for endoscopy, colonoscopy and other imaging procedures in the investigation of Upper GI bleeding.		other imaging procedures in the investigation of Upper GI bleeding. • Document in the Logbook/Portfolio.	
55.	IM 15.11: Develop, document and present a treatment plan that includes fluid resuscitation, blood and blood component transfusion, and specific therapy for arresting blood loss. IM 15.12: Enumerate the indications for whole blood, component and platelet transfusion and describe the clinical features and management of a mismatched transfusion. IM 15.13: Observe cross matching and blood / blood component transfusion. IM 15.14: Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy of pressors used in the treatment of Upper GI bleed. IM 15.15: Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy of acid peptic disease including Helicobacter pylori.	CP 55 IM 15.6, 15.7: GI Bleeding- Treatment plan. (HI-SU)	GI Bleeding: Treatment Plan • Develop a treatment plan including fluid therapy & blood transfusion. • Enumerate the indications for whole blood, component and platelet transfusion and describe the CF and management of a mismatched transfusion. • Observe cross matching and blood / blood component transfusion. • Enumerate the indications & contraindication of pharmacotherapy including those for H.pylori. • Enumerate the indications for endoscopic interventions and Surgery. • Counsel patient & family on the diagnosis and therapeutic option in person or in a simulated	<ul style="list-style-type: none"> • Observe the response & performance; Viva. • Assess the communication skills. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	<p>IM 15.16: Enumerate the indications for endoscopic interventions and Surgery.</p> <p>IM 15.17: Determine appropriate level of specialist consultation.</p> <p>IM 15.18: Counsel the family and patient in an empathetic non-judgmental manner on the diagnosis and therapeutic option.</p>		<p>environment.</p> <ul style="list-style-type: none"> • Document in the Logbook/Portfolio. 	
56.	<p>IM 16.4: Elicit and document and present an appropriate history that includes the natural history, dietary history, travel, sexual history and other concomitant illnesses.</p> <p>IM 16.5: Perform, document and demonstrate a physical examination based on the history that includes general examination, including an appropriate abdominal examination.</p> <p>IM 16.6: Distinguish between diarrhea and dysentery based on clinical features.</p> <p>IM 16.7: Generate a differential diagnosis based on the presenting symptoms and clinical features and prioritize based on the most likely diagnosis.</p> <p>IM 16.9: Identify common parasitic causes of diarrhea under the microscope in a stool specimen.</p>	<p align="center">CP 56</p> <p align="center">IM 16.4-16.7,16.9, 16.10: Diarrhea: Elicit, document, history taking, general examination.</p> <p align="center">Distinguish between diarrhea and dysentery, Generate a DD. (VI-MI, PA)</p>	<p>Diarrhoea:</p> <p>Presenting Features:</p> <ul style="list-style-type: none"> • Elicit history of case presentation of Diarrhoea. • Perform physical & general examination of a Diarrhoea patient. • Distinguish between diarrhea and dysentery. • Enumerate common parasitic causes of diarrhea under the microscope in a stool specimen including cholera. • Generate a DD based on the presenting symptoms and clinical features • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response & performance; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	IM 16.10: Identify vibrio cholera in a hanging drop specimen.			
57.	<p>IM16.8: Choose and interpret diagnostic tests based on the clinical diagnosis including complete blood count, and stool examination.</p> <p>IM 16.11: Enumerate the indications for stool cultures and blood cultures in patients with acute diarrhea.</p> <p>IM 16.12: Enumerate and discuss the indications for further investigations including antibodies, colonoscopy, diagnostic imaging and biopsy in the diagnosis of chronic diarrhea.</p> <p>IM 16.13: Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for parasitic causes of diarrhea.</p> <p>IM 16.14: Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for bacterial and viral diarrhea</p>	<p align="center">CP 57</p> <p>IM 16.8, 16.11-16.14: Diarrhea: Investigation & Treatment Plan. (VI-MI, PA)</p>	<p>Diarrhoea: Investigation & Treatment Plan</p> <ul style="list-style-type: none"> • Enumerate diagnostic investigations for diarrhoeal diseases including stool & blood cultures. • Enumerate and discuss the indications for antibodies, colonoscopy, diagnostic imaging and biopsy in the diagnosis of chronic diarrhea. • Describe and enumerate the indications and side effects of pharmacotherapy for bacterial and viral diarrhea • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response & performance; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
58.	<p>IM 16.12: Enumerate and discuss the indications for further investigations including antibodies, colonoscopy, diagnostic imaging and biopsy in the diagnosis of chronic diarrhea.</p> <p>IM 16.15: Distinguish</p>	<p align="center">CP 58</p> <p>IM 16.12,16.15,16.16: Chronic Diarrhoea Causes, Crohn's disease & Ulcerative Colitis</p>	<p>Chronic Diarrhoea : Crohn's disease & Ulcerative Colitis:</p> <ul style="list-style-type: none"> • Enumerate investigations for diagnosis of Chronic Diarrhoea. • Elicit features to distinguish based on 	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	based on the clinical presentation Crohn's disease from Ulcerative Colitis. IM 16.16: Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy including immunotherapy.		the clinical presentation of Crohn's disease from Ulcerative Colitis. •Discuss the medications for the above. •Document in the Logbook/Portfolio.	
59.	IM 17.1: Define and classify headache and describe the presenting features, precipitating factors, aggravating and relieving factors of various kinds of headache. IM 17.2: Elicit and document and present an appropriate history including aura, precipitating aggravating and relieving factors, associated symptoms that help identify the cause of headaches. IM 17.3: Classify migraine and describe the distinguishing features between classical and non-classical forms of migraine.	CP 59 IM 17.1-17.3: Headache-Presenting symptoms, History, Migraine	Headache: •Define & Classify headache and enlist the various causes of Headache. • Classify migraine and describe the distinguishing features between classical and non-classical forms of migraine. •Perform and demonstrate a general neurologic examination and a focused examination for signs of intracranial tension including neck signs of meningitis •Discuss the medications for the above. •Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
60.	IM 17.4: Perform and demonstrate a general neurologic examination and a focused examination for signs of intracranial tension including neck signs of meningitis. IM 17.5: Generate	CP 60 IM 17.4-17.8: Headache-Neurological Examination, DD, Diagnostic work up, CSF findings. Perform lumbar puncture in a mannequin or	Meningitis: •Perform a general, neurological examination including neck signs of meningitis. •Generate the DD for meningitis.	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	document and present a differential diagnosis based on the clinical features, and prioritize the diagnosis based on the presentation. IM 17.6: Choose and interpret diagnostic testing based on the clinical diagnosis including imaging. IM 17.7: Enumerate the indications and describe the findings in the CSF in patients with meningitis. IM 17.8: Demonstrate in a mannequin or equivalent the correct technique for performing a lumbar puncture.	equivalent	<ul style="list-style-type: none"> • Enumerate the investigations and demonstrate a general neurologic examination and a focused examination for signs of intracranial tension including neck signs of meningitis • Discuss the medications for the above. • Document in the Logbook/Portfolio. 	
61.	<p>IM 18.3: Elicit and document and present an appropriate history including onset, progression, precipitating and aggravating relieving factors, associated symptoms that help identify the cause of the cerebrovascular accident.</p> <p>IM 18.4: Identify the nature of the cerebrovascular accident based on the temporal evolution and resolution of the illness.</p> <p>IM 18.5: Perform, demonstrate & document physical examination that includes general and a detailed neurologic examination as appropriate, based on the history.</p>	<p align="center">CP 61</p> <p>IM 18.3-18.5: CVA- Elicit, document. Take History, systematic & neurological examination (VI-PA)</p>	<p>Cerebrovascular Accident:</p> <ul style="list-style-type: none"> • Elicit history, risk factors and symptoms of a patient showing features of CVA. • Identify the cause & nature of CVA. • Perform a general, neurological examination based on history & signs & symptoms. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
62.	<p>IM 18.6: Distinguish the lesion based on upper vs lower motor neuron, side, site and most probable nature of the lesion.</p> <p>IM 18.7: Describe the clinical features and distinguish, based on clinical examination, the various disorders of speech.</p> <p>IM 18.8: Describe and distinguish, based on the clinical presentation, the types of bladder dysfunction seen in CNS disease.</p> <p>IM 18.9: Choose and interpret the appropriate diagnostic and imaging test that will delineate the anatomy and underlying cause of the lesion.</p> <p>IM 18.10: Choose and interpret the appropriate diagnostic testing in young patients with a cerebrovascular accident (CVA).</p> <p>IM 18.11: Describe the initial supportive management of a patient presenting with a cerebrovascular accident (CVA).</p>	<p align="center">CP 62</p> <p>IM 18.6-18.11: UMN & LMN Disease- Clinical Features, Examinations, Choose & Interpret Investigations (VI-AN)</p>	<p>Upper Vs Lower Motor Neuron Lesion:</p> <ul style="list-style-type: none"> • Discuss features to distinguish the lesion based on upper vs lower motor neuron, side, site and most probable nature of the lesion. • Enumerate & interpret the diagnostic & testing images to identify the cause of lesion. • Present a simulated CVA patient- CF, perform a general, neurological examination based on history & signs & symptoms. Choose appropriate diagnostic tests. Discuss & describe the supportive management to be planned. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
63.	<p>IM 19.1: Describe the functional anatomy of the locomotor system of the brain.</p> <p>IM 19.2: Classify movement disorders of the brain based on distribution, rhythm, repetition, exacerbating</p>	<p align="center">CP 63</p> <p>IM 19.1-19.4: Movement Disorder- Elicit History, Perform Physical Examination, Neurological Examination Rating</p>	<p>Movement Disorder:</p> <ul style="list-style-type: none"> • Discuss the locomotor system of the brain. • Classify movement disorders. • Discuss the Clinical presentation as per 	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	<p>and relieving factors.</p> <p>IM 19.3: Elicit and document and present an appropriate history including onset, progression precipitating and aggravating relieving factors, associated symptoms that help identify the cause of the movement disorders.</p> <p>IM 19.4: Perform, demonstrate and document a physical examination that includes a general examination and a detailed neurologic examination using standard movement rating scales.</p> <p>IM 19.5: Generate document and present a differential diagnosis and prioritise based on the history and physical examination</p> <p>IM 19.6: Make a clinical diagnosis regarding on the anatomical location, nature and cause of the lesion based on the clinical presentation and findings.</p>		<p>the cause of the movement disorders.</p> <ul style="list-style-type: none"> • Perform & demonstrate physical & neurological examination of such a patient. • Generate a DD based on the examination. • Make a clinical diagnosis reading the anatomical location of the lesion. • Document in the Logbook/Portfolio. 	
64.	<p>IM19.7: Choose and interpret diagnostic and imaging tests in the diagnosis of movement disorders.</p> <p>IM 19.8: Discuss and describe the pharmacology, dose, side effects and interactions used in the drug therapy of Parkinson's syndrome.</p> <p>IM 19.9: Enumerate the</p>	<p align="center">CP 64</p> <p align="center">IM 19.7-19.9:</p> <p align="center">Movement Disorder- Investigations & Treatment Plan.</p>	<p>Movement Disorder Investigations & Treatment Plan:</p> <ul style="list-style-type: none"> • Enumerate the diagnostic and imaging tests required to diagnosis a case of movement disorders. Choose and interpret the test results 	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	indications for use of surgery and botulinum toxin in the treatment of movement disorders		<p>appropriately.</p> <ul style="list-style-type: none"> • Discuss and describe the pharmacology, dose, side effects and interactions used in the drug therapy of Parkinson's syndrome. • Enumerate the indications for use of surgery and botulinum toxin in the treatment of movement disorders • Document in the Logbook/Portfolio. 	
65.	<p>IM 20.1: Enumerate the local poisonous snakes and describe the distinguishing marks of each.</p> <p>IM 20.3: Describe the initial approach to the stabilization of the patient who presents with snake bite.</p> <p>IM 20.4: Elicit and document and present an appropriate history, the circumstance, time, kind of snake, evolution of symptoms in a patient with snake bite.</p> <p>IM 20.5: Perform a systematic examination, document and present a physical examination that includes general examination, local examination, appropriate cardiac and neurologic examination</p> <p>IM 20.6: Choose and</p>	<p align="center">CP-65</p> <p align="center">IM 20.1,20.3,20.4:</p> <p align="center">Snake Bite-Local Poisonous snakes, Clinical findings, Systematic examination & Management</p>	<p>Snake poisons, Scorpion Bite & Bee/Wasp Sting:</p> <ul style="list-style-type: none"> • Enumerate the local poisonous snakes and describe the distinguishing marks of each. • Describe & discuss strategies to approach and stabilize a patient of snake bite. • Elicit and document and present a patient of snake bite with details on history, the circumstance, time, kind of snake, evolution of symptoms. • Perform a systematic examination, physical examination including general 	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	<p>interpret the appropriate diagnostic testing in patients with snake bites.</p> <p>IM 20.7: Enumerate the indications and describe the pharmacology, dose, adverse reactions and hypersensitivity reactions of anti-snake venom.</p> <p>IM 20.8: Describe the diagnosis, initial approach stabilization and therapy of scorpion envenomation.</p> <p>IM 20.9: Describe the diagnosis initial approach stabilization and therapy of bee sting allergy</p>		<p>examination, local examination, appropriate cardiac and neurologic examination</p> <ul style="list-style-type: none"> • Enumerate indication, CI & side effects and hypersensitivity of anti-snake venoms. • Describe & discuss clinical presentation & treatment plan of scorpion bite in a simulated environment. • Describe & discuss clinical presentation & treatment plan of bee/wasp sting in a simulated environment. • Document in the Logbook/Portfolio. 	
66.	<p>IM 21.1: Describe the initial approach to the stabilization of the patient who presents with poisoning.</p> <p>IM 21.2: Enumerate the common plant poisons seen in your area and describe their toxicology, clinical features, prognosis and specific approach to detoxification.</p> <p>IM 21.3: Enumerate the common corrosives used in your area and describe their toxicology, clinical features, prognosis and approach to therapy.</p> <p>IM 21.4: Enumerate the commonly observed drug</p>	<p align="center">CP-66</p> <p align="center">IM 21.1 -21.8:</p> <p align="center">Poisoning: Clinical findings, Systematic examination & Management</p>	<p>Plant & Corrosive poisons:</p> <ul style="list-style-type: none"> • Enumerate the common plant poisons seen the area around the hospital and describe their toxicology, clinical features, prognosis and specific approach to detoxification. • Describe the initial approach to stabilize a patient who presents with poisoning. • Enumerate the common corrosives 	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	<p>overdose in your area and describe their toxicology, clinical features, prognosis and approach to therapy.</p> <p>IM 21.5: Observe and describe the functions and role of a poison center in suspected poisoning</p> <p>IM 21.6: Describe the medico legal aspects of suspected suicidal or homicidal poisoning and demonstrate the correct procedure to write a medico legal report on a suspected poisoning.</p> <p>IM 21.7: Counsel family members of a patient with suspected poisoning about the clinical and medico legal aspects with empathy.</p> <p>IM 21.8: Enumerate the indications for psychiatric consultation and describe the precautions to be taken in a patient with suspected suicidal ideation / gesture.</p>		<p>used in the area around & describe their toxicology, clinical features, prognosis and approach to therapy.</p> <ul style="list-style-type: none"> • Enumerate the commonly observed drug overdose and describe their toxicology, clinical features, prognosis and approach to therapy. • Describe the medico legal aspects of suspected suicidal or homicidal poisoning and demonstrate the correct procedure to write a medico legal report on a suspected poisoning. • Counsel patient & family members of a patient with suspected poisoning about the clinical and medico legal aspects with empathy. • Enumerate the indications for psychiatric consultation and describe the precautions to be taken by patient & family members in such a situation. • Document in the Logbook/Portfolio. 	



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
67.	<p>IM 22.5: Enumerate the causes and describe the clinical features and the correct approach to the diagnosis and management of the patient with hyponatremia.</p> <p>IM 22.6: Enumerate the causes and describe the clinical and laboratory features and the correct approach to the diagnosis and management of the patient with hypernatremia.</p> <p>IM 22.7: Enumerate the causes and describe the clinical and laboratory features and the correct approach to the diagnosis and management of the patient with hypokalemia.</p> <p>IM 22.8: Enumerate the causes and describe the clinical and laboratory features and the correct approach to the diagnosis and management of the patient with hyperkalemia.</p>	<p align="center">CP-67</p> <p align="center">IM 22.5-22.13:</p> <p align="center">Hyponatremia, Hypernatremia, Hypokalemia, Hyperkalemia,</p>	<p>Hyponatremia, Hypernatremia, Hypokalemia, Hyperkalemia:</p> <ul style="list-style-type: none"> • Enumerate the causes and describe the clinical features and the correct approach to the diagnosis and management of the patient with -Hyponatremia. -Hypernatremia -Hypokalemia -Hyperkalemia • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
68.	<p>IM 22.9: Enumerate the causes and describe the clinical and laboratory features of metabolic acidosis.</p> <p>IM 22.10: Enumerate the causes of describe the clinical and laboratory features of metabolic alkalosis.</p> <p>IM 22.11: Enumerate the causes and describe the clinical and laboratory features of respiratory acidosis.</p>	<p align="center">CP-68</p> <p align="center">IM 22.5-22.13: ,</p> <p align="center">Metabolic Acidosis & Alkalosis</p>	<p>Metabolic Acidosis & Alkalosis:</p> <ul style="list-style-type: none"> • Enumerate the causes and describe the clinical & laboratory features and the correct approach to the diagnosis and management of the patient with -Metabolic Acidosis -Meta. Alkalosis - Resp. Acidosis - Resp. Alkalosis 	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	<p>IM 22.12: Enumerate the causes and describe the clinical and laboratory features of respiratory alkalosis.</p> <p>IM 22.13: Identify the underlying acid based disorder based on an ABG report and clinical situation.</p>		<ul style="list-style-type: none"> • Discuss acid based disorder based on an ABG report and clinical situation. • Document in the Logbook/Portfolio. 	
69.	<p>IM 23.3: Discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management of common vitamin deficiencies.</p> <p>IM 23.4: Enumerate the indications for enteral and parenteral nutrition in critically ill patients.</p> <p>IM 23.5: Counsel and communicate to patients in a simulated environment with illness on an appropriate balanced diet.</p>	<p>CP 69: IM 23.3-23.5: Malnutrition- Clinical Features, Systematic examination, Counsel for appropriate Diet</p>	<p>Vitamin Deficiencies:</p> <ul style="list-style-type: none"> • Enumerate common vitamin deficiencies.-discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management. • Enumerate the indications for enteral and parenteral nutrition in critically ill patients. • Counsel and communicate to patients in a simulated environment with illness on an appropriate balanced diet. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
70.	<p>IM 25.1: Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic diseases (e.g.</p>	<p>CP 70: IM 25.1-25.3: Zoonotic Diseases- Rabies- Clinical features, Management (VI-MI, CM)</p>	<p>Rabies:</p> <ul style="list-style-type: none"> • Describe and discuss clinical presentation, complication & management of 	<ul style="list-style-type: none"> • Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry.



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Phase III Part-2 Clinical Posting (2019 Batch)

S.No.	Competency	Clinical Posting (CP)	Activity by learner	Formative Assessment by Faculty
	Leptospirosis, Rabies) and non-febrile infectious disease (e.g. Tetanus). IM 25.2: Discuss and describe the common causes, pathophysiology and manifestations of these diseases.		Rabies including the various treatment regimens. • Document in the Logbook/Portfolio.	• Provide feedback
71.	IM 25.3: Describe and discuss the pathophysiology and manifestations of these diseases.	CP 71: IM 25.1-25.3 : Zoonotic Diseases- Tetanus- Clinical features, Management (VI-MI, CM)	Tetanus: • Describe and discuss clinical presentation, complication & management of Tetanus including the various treatment regimens. • Document in the Logbook/Portfolio.	• Observe the response Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
72.	Ward Leaving Assessment			



2. Clinical Posting Classes for Phase-III Part 2 (2019-20 Batch): Surgery

Each group is posted for **12 weeks in Surgery from Monday to Saturday (10 am to 1 pm)**. The students may be posted in rotation in the **OPD, Ward, Operation Theatre & Special clinic** according to the unit/units in the department. Faculty in charge for teaching, according to Units shall facilitate the Clinical Posting of students as follows:

Surgery- Weekly Schedule

Week	Day	Faculty
Week 1 to Week 4	Mon	Faculty-in-Charge as decided by the HoD
	Tue	
	Wed	
	Thurs	
	Fri	
	Sat	

Faculty to ensure that the students take proper precautions to prevent Covid-19 as per the periodic government instructions. The following competencies may be imparted to the students posted according to the availability of patients:

S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
1.	SU 1.1: Describe Basic concepts of homeostasis; enumerate the metabolic changes in injury & their mediators. SU 1.2: Describe the factors that affect the metabolic response to injury. SU 1.3: Describe basic concepts of perioperative care.	CP 1 SU 1.1-1.3: Metabolic response to Injury – Homeostasis, Factors involved, Perioperative care.	Metabolic response to Injury – Homeostasis: • Describe Basic concepts of homeostasis. • Enumerate the metabolic changes in injury & their mediators. • Enumerate the factors that affect the metabolic response to injury. • Describe basic concepts of perioperative care. • Document in the Logbook/Portfolio.	• Observe the discussion; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
2.	SU 2.1: Describe Pathophysiology of shock, types of shock & principles of resuscitation including fluid replacement & monitoring.	CP 2 SU 2.1-2.3: Shock- Pathophysiology, Types, Fluid replacement, CF, Management.	Shock: • Describe the Pathophysiology, Types, Clinical Features, Fluid replacement, CF, Management.	• Observe the discussion; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	<p>SU 2.2: Describe the clinical features of shock & its appropriate treatment.</p> <p>SU 2.3: Communicate & counsel patients & families about the treatment & prognosis of shock demonstrating empathy & care.</p>		<ul style="list-style-type: none"> • Use Kalamazoo technique to communicate & counsel patients & families about the treatment & prognosis of shock demonstrating empathy & care. • Document in the Logbook/Portfolio. 	
3.	<p>SU 3.1: Describe the Indications and appropriate use of blood and blood products and complications of blood transfusion.</p> <p>SU 3.2: Observe blood transfusions.</p> <p>SU 3.3: Counsel patients and family/ friends for blood transfusion and blood donation.</p>	<p>CP 3</p> <p>SU 3.1-3.3: Blood Transfusion-Observe, enlist complication. (VI-PA):</p>	<p>Blood Transfusion:</p> <ul style="list-style-type: none"> • Enumerate indication of blood & blood products. • Enlist complication in Blood Transfusion. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
4.	<p>SU 4.1: Elicit document and present history in a case of Burns and perform physical examination. Describe Pathophysiology of Burns.</p> <p>SU 4.2: Describe Clinical features, Diagnose type and extent of burns and plan appropriate treatment.</p> <p>SU 4.3: Discuss the Medicolegal aspects in burn injuries.</p> <p>SU 4.4: Communicate and counsel patients and families on the outcome and rehabilitation demonstrating empathy and care.</p>	<p>CP 4</p> <p>SU 4.1-4.4: Burns- Elicit document, take history, physical examination, Plan a treatment</p>	<p>Burns:</p> <ul style="list-style-type: none"> • Elicit document and present history in a case of Burns and perform physical examination. • Describe Pathophysiology of Burns. • Describe Clinical features, Diagnose type and extent of burns and plan appropriate treatment. • Discuss the Medicolegal aspects in burn injuries. • Communicate and counsel patient and families on the 	<ul style="list-style-type: none"> • Observe the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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			outcome and rehabilitation demonstrating empathy and care. • Document in the Logbook/Portfolio.	
5.	SU 5.1: Describe normal wound healing and factors affecting healing.	CP 5 SU 5.1: Wounds- Document, Elicit history taking, plan of management	Wounds: • Describe normal wound healing and factors affecting healing. • Discuss treatment plan of wounds. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the response & performance. • Assess steps enumerated; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
6.	SU 5.2: Elicit, document and present a history in a patient presenting with wounds.	CP 6 SU 5.2: Wounds-Bed sore-Document, Elicit history taking, plan of management	Bed sores: • Elicit history taking, document and plan management of Bed sore. • Document in the Logbook/Portfolio	<ul style="list-style-type: none"> • Observe the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
7.	SU 5.3: Differentiate the various types of wounds, plan & observe management of wounds. SU 5.4: Discuss medico legal aspects of wounds	CP 7 SU 5.3 & 5.4: Wounds - Type CF, Investigations, Management (Rodent, Meleney's etc.)	Wounds: • Discuss the various types of wounds including Rodent, Meleney's. • Discuss treatment plan & management of wounds. • Discuss medico legal aspects of wounds • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
8.	SU 6.1: Define and describe the aetiology and pathogenesis of surgical Infections. SU 6.2: Enumerate Prophylactic : and therapeutic antibiotics Plan appropriate	CP 8 SU 6.1, 6.2: Surgical Site Infection (SSI) - etiology, pathogenesis, antibiotic plan.	Surgical Site Infection (SSI): • Define and describe the aetiology and pathogenesis of surgical Infections. • Enumerate prophylactic &	<ul style="list-style-type: none"> • Observe the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



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	management		therapeutic antibiotics. • Plan appropriate management. • Document in the Logbook/Portfolio.	
9.	<p>SU 9.1: Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient.</p> <p>SU 9.2: Biological basis for early detection of cancer and multidisciplinary approach in management of cancer.</p> <p>SU 9.3: Communicate the results of surgical investigations and counsel the patient appropriately.</p>	<p>CP 9:</p> <p>SU 9.1-9.3: Surgical Patient- Investigation and interpretation. Early detection of Cancer. Communicate investigation results to surgical patient.</p>	<p>Surgical Patient-Investigation and interpretation:</p> <p>• Enumerate biochemical, microbiological, pathological, imaging investigations required in a surgical patient</p> <p>• Interpret the investigative data & identify the patient's fitness for the surgical fitness according the type of surgery.</p> <p>• Enumerate the signs & symptoms for early detection of cancer and multidisciplinary approach in management of cancer.</p> <p>• Communicate the results of surgical investigations and counsel the patient appropriately.</p> <p>• Document in the Logbook/Portfolio.</p>	<p>• Observe the responses.</p> <p>• Assess the Logbook/Portfolio.</p> <p>• Validate the Logbook entry.</p> <p>• Provide feedback.</p>
10.	<p>SU 10.1: Describe the principles of perioperative management of common surgical procedures.</p>	<p>CP 10</p> <p>SU 10.1, 10.2: Common surgical procedures- Perioperative</p>	<p>Common surgical procedures- Perioperative Management, Informed Consent:</p>	<p>• Observe the responses.</p> <p>• Assess the Logbook/Portfolio.</p> <p>• Validate the Logbook</p>



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	SU 10.2: Describe the steps and obtain informed consent in a simulated environment	Management, Informed Consent	<ul style="list-style-type: none"> • Describe the principles of perioperative management of common surgical procedures. • Describe the steps to obtain informed consent in a simulated environment. • Document in the Logbook/Portfolio. 	entry. <ul style="list-style-type: none"> • Provide feedback
11.	SU 10.3: Observe common surgical procedures & assist in minor surgical procedures; Observe emergency lifesaving surgical procedures.	CP11 SU 10.3: Common surgical procedures- assist in minor surgical procedures; Observe emergency lifesaving surgical procedures.	Common surgical procedures: <ul style="list-style-type: none"> • Observe common surgical procedures & assist in minor surgical procedures • Observe emergency lifesaving surgical procedures. • Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> • Assess the activity; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
12.	SU 10.4: Perform basic surgical Skills such as First aid including suturing & minor surgical procedures in simulated environment	CP12 SU 10.4: Perform basic surgical Skills (First aid including suturing & minor surgical procedures) in a simulated environment	Basic surgical Skills: <ul style="list-style-type: none"> • Perform basic surgical Skills such as First aid including suturing & minor surgical procedures in simulated environment • Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> • Assess the activity; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
13.	SU 11.1: Describe principles of Pre-operative assessment.	CP13 SU 11.1: Preoperative assessment.	Preoperative assessment: <ul style="list-style-type: none"> • Enumerate & discuss principles of Preoperative assessment. • Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> • Assess the activity observed; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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14.	SU 11.3: Demonstrate maintenance of an airway in a mannequin or equivalent.	CP 14: SU 11.3: Demonstrate maintenance of an airway in a mannequin or equivalent	Airway Maintenance: • Demonstrate maintenance of an airway in a mannequin or equivalent. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
15.	SU 11.5: Describe principles of providing post-operative pain relief and management of chronic pain.	CP 15 SU 11.5: Providing post-operative pain relief and management of chronic pain.	Post-operative pain relief and management of chronic pain: • Describe principles of providing post-operative pain relief and management of chronic pain. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
16.	SU 11.6: Describe Principles of safe General Surgery	CP 16 SU 11.6: Describe Principles of safe General Surgery	Safe General Surgery • Describe Principles of safe General Surgery. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
17.	SU 12.1: Enumerate the causes and consequences of malnutrition in the surgical patient. SU 12.2: Describe and discuss the methods of estimation and replacement of the fluid and electrolyte requirements in the surgical patient. SU12.3: Discuss the nutritional requirements of surgical patients, the methods of providing nutritional support and their complications	CP 17 SU 12.1-12.3 Surgical Patient-Fluid, Electrolyte & Nutritional requirement. (VI-PY,BI):	Surgical Patient-Fluid, Electrolyte & Nutritional requirement: • Enumerate the causes and consequences of malnutrition in the surgical patient. • Describe and discuss the methods of estimation and replacement of the fluid and electrolyte requirements in the surgical patient. • Discuss the	<ul style="list-style-type: none"> • Observe the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
			<p>nutritional requirements of surgical patients, the methods of providing nutritional support and their complications.</p> <ul style="list-style-type: none"> • Document in the Logbook/Portfolio. 	
18.	<p>SU 13.1: Describe the immunological basis of organ transplantation Discuss the Principles of immunosuppressive therapy.</p> <p>SU 13.2: Enumerate Indications, describe surgical principles, management of organ transplantation.</p> <p>SU 13.3: Discuss the legal and ethical issues concerning organ donation.</p> <p>SU 13.4: Counsel patients and relatives on organ donation in a simulated environment</p>	<p>CP 18 SU 13.1-13.4: Surgical principles, management of organ transplantation. (VI-FM)</p>	<p>Surgical principles, management of organ transplantation:</p> <ul style="list-style-type: none"> • Discuss & describe the immunological basis of organ transplantation • Enumerate the principles of immunosuppressive therapy. • Enumerate indications; describe surgical principles, management of organ transplantation. • Discuss the legal and ethical issues concerning organ donation. • Counsel patients and relatives on organ donation in a simulated environment. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response & performance. • Assess steps enumerated; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
19.	<p>SU 14.1: Describe Aseptic techniques, sterilization and disinfection.</p>	<p>CP 19 SU 14.1: Demonstrate the techniques of asepsis in a simulated environment</p>	<p>Asepsis Techniques:</p> <ul style="list-style-type: none"> • Enumerate the steps of asepsis techniques in a simulated environment 	<ul style="list-style-type: none"> • Observe the response & performance. • Assess steps enumerated; Viva. • Assess the Logbook/Portfolio.



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			<ul style="list-style-type: none"> Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> Validate the Logbook entry. Provide feedback.
20.	SU 14.2: Describe Surgical approaches, incisions & the use of appropriate instruments in Surgery in general. SU 14.3: Describe the materials & methods used for surgical wound closure & anastomosis (sutures, knots & needles)	CP 20 SU 14.2,14.3: Surgical approaches, incisions & use of appropriate instrument; materials & methods for surgical wound closure & anastomosis (sutures, knots & needles)	Surgical Approaches: <ul style="list-style-type: none"> Describe the materials & methods used for surgical wound closure & anastomosis (sutures, knots & needles). Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe the response & performance. Assess steps enumerated; Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.
21.	SU 14.4: Demonstrate the techniques of asepsis and suturing in a simulated environment	CP 21: SU 14.4: Demonstrate the techniques of aseptic suturing in a simulated environment	Aseptic conditions while Suturing <ul style="list-style-type: none"> Demonstrate the techniques of suturing in a simulated environment using aseptic techniques. Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe the performance; Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
22.	SU 16.1: Minimally invasive General Surgery: Describe indications advantages & disadvantages of Minimally invasive General Surgery.	CP 22 SU 16.1: Minimum Invasive General Surgery - Skin graft & flaps	Minimally Invasive General Surgery: <ul style="list-style-type: none"> Enumerate the indications. Enumerate the advantages & disadvantages. Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe the performance. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.
23.	SU 17.1: Describe the Principles of FIRST AID SU 17.2: Demonstrate the steps in Basic Life Support. Transport of injured patient in a simulated environment. SU 17.3: Describe the Principles in management of mass casualties.	CP 23 SU 17.1-17.3 First AID, BLS, Mass Casualty Trauma-Triage ABC of trauma	First AID, BLS, Mass Casualty: <ul style="list-style-type: none"> Describe the Principles of First Aid. Demonstrate the steps in Basic Life Support. Demonstrate transport of injured 	<ul style="list-style-type: none"> Observe the response & performance. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback



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			<p>patient in a simulated environment.</p> <ul style="list-style-type: none"> • Describe the Principles in management of mass casualties. • Document in the Logbook/Portfolio. 	
24.	<p>SU 17.4: Describe Pathophysiology, mechanism of head injuries.</p> <p>SU 17.5: Describe clinical features for neurological assessment & GCS in head injuries.</p> <p>SU 17.6: Choose appropriate investigations & discuss the principles of management of head injuries.</p>	<p>CP 24</p> <p>SU 17.4-17.6: Head Injury- Pathophysiology, Mechanism of Injury, Neurological Assessment, and Investigations & Management.</p>	<p>Head Injury:</p> <ul style="list-style-type: none"> • Describe the Pathophysiology, Mechanism of Injury • Discuss the, Neurological Assessment, GCS. • Identify an appropriate investigations & Management. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response & performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
25.	<p>SU 17.7: Describe the clinical features of soft tissue injuries. Chose appropriate investigations and discuss the principles of management.</p>	<p>CP 25</p> <p>SU 17.7: Soft tissue injuries. Clinical features, Investigations, Management</p>	<p>Soft tissue injuries. Clinical features, Investigations, Management:</p> <ul style="list-style-type: none"> • Describe the clinical features of soft tissue injuries. • Choose appropriate investigations and discuss the principles of management. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response & performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
26.	<p>SU17.10: Demonstrate Airway maintenance. Recognize and manage tension pneumothorax, hemothorax and flail chest in simulated environment.</p>	<p>CP 26</p> <p>SU 17.10: Demonstrate Airway maintenance. Recognize and manage tension pneumothorax,</p>	<p>Demonstrate Airway maintenance in tension pneumothorax, hemothorax & flail chest.</p> <ul style="list-style-type: none"> • Demonstrate 	<ul style="list-style-type: none"> • Observe the response & performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry.



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		hemothorax and flail chest in simulated environment.	Airway maintenance. • Identify clinical presentation of the following: -Tension pneumothorax -Hemothorax - Flail chest • Manage the above in a simulated environment. • Document in the Logbook/Portfolio.	• Provide feedback
27.	SU 18.1: Describe the pathogenesis, clinical features and management of various cutaneous and subcutaneous infections.	CP 27 SU 18.1: Cutaneous and subcutaneous infections.-clinical features and management	Cutaneous and subcutaneous infections: • Describe the pathogenesis, clinical features and management of various cutaneous and subcutaneous infections. • Document in the Logbook/Portfolio.	• Observe the response & performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
28.	SU 18.2: Classify skin tumors, Differentiate different skin tumors and discuss their management.	CP 28 SU 18.2: Classify skin tumors Differentiate different skin tumors and discuss their management.	Skin tumors: • Enumerate the different skin tumors and discuss their management. • Document in the Logbook/Portfolio.	• Observe the response & performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
29.	SU 18.3: Describe & demonstrate the clinical examination of surgical patient including swelling & order relevant investigation for diagnosis. Describe & discuss appropriate treatment plan.	CP 29 SU 18.3: Swelling- Clinical examination, investigation, treatment plan.	Swelling: • Demonstrate clinical examination, investigation • Prepare a treatment plan. • Document in the Logbook/Portfolio.	• Observe the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
30.	SU 19.1: Describe the etiology and	CP 30 SU 19.1,19.2	Cleft lip and palate: • Describe the	• Observe the responses.



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	classification of cleft lip and palate. SU 19.2: Describe the Principles of reconstruction of cleft lip and palate.	Classification of Cleft lip and palate-Reconstruction	etiology and classification of cleft lip and palate. • Enumerate the Principles of reconstruction of cleft lip and palate. • Document in the Logbook/Portfolio.	• Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
31.	SU 20.1: Describe etiopathogenesis of oral cancer symptoms and signs of Oropharyngeal cancer. SU 20.2: Enumerate the appropriate investigations and discuss the Principles of treatment.	CP 31 SU 20.1, 20.2: Oropharyngeal cancer-Signs & Symptoms; investigations and treatment.	Oropharyngeal cancer: • Describe etiopathogenesis of oral cancer symptoms and signs of Oropharyngeal cancer. • Enumerate the appropriate investigations and discuss the Principles of treatment. • Document in the Logbook/Portfolio.	• Observe the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
32.	SU 21.1: Describe surgical anatomy of the salivary glands, pathology, and clinical presentation of disorders of salivary glands. SU 21.2: Enumerate the appropriate investigations and describe the Principles of treatment of disorders of salivary glands	CP 32 SU 21.1,21.2 Salivary Glands Disorders-Pathology, and clinical presentation, investigation & Treatment	Salivary Glands Disorders: • Describe surgical anatomy of the salivary glands, pathology, and clinical presentation of disorders of salivary glands • Enumerate the appropriate investigations and describe the Principles of treatment of disorders of salivary glands • Document in the Logbook/Portfolio	• Observe the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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33.	SU 22.1: Describe the applied anatomy and physiology of thyroid SU 22.2: Describe the etiopathogenesis of thyroidal swellings SU 22.3: Demonstrate and document the correct clinical examination of thyroid swellings and discuss the differential diagnosis and their management.	CP 33 SU 22.1- 22.3: Thyroid Swelling- Clinical Examination, DD & their Management. (VI-AN, PA)	Thyroid Swelling: <ul style="list-style-type: none"> Describe the applied anatomy & physiology of thyroid. Describe the etiopathogenesis. Demonstrate & document the correct clinical examination of thyroid swellings. Present a case of Thyroid swelling in SNAPPS & discuss DD & their management Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe the performance. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.
34.	SU 22.5: Describe the applied anatomy of parathyroid. SU 22.6: Describe and discuss the clinical features of hypo - and hyperparathyroidism and the principles of their management	CP 34 SU 22.5, 22.6: Parathyroid Swelling- Clinical Examination, & their Management. (VI-AN, PA)	Parathyroid – Hypo & Hyper: <ul style="list-style-type: none"> Describe the applied anatomy of parathyroid Describe and discuss the CF of hypo - and hyperparathyroidism and the principles of their management Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> Observe the responses. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
35.	SU 24.1: Describe the clinical features, principles of investigation, prognosis & mgt. of pancreatitis. SU 24.2: Describe the clinical features, principles of investigation, prognosis and management of pancreatic endocrine tumours.	CP 35 SU 24.1: Pancreatitis- Presentation, Investigation, prognosis and Management (VI-PY,AN)	Pancreatitis: <ul style="list-style-type: none"> Describe & discuss the CF, principles of investigation, prognosis and management of: -Pancreatitis. -Pancreatic endocrine tumours. Discuss treatment plan of Pancreatic disorders including 	<ul style="list-style-type: none"> Observe the responses. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback



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	SU 24.3: Describe the principles of investigation and management of Pancreatic disorders including pancreatitis and endocrine tumors.		pancreatitis and endocrine tumors. • Document in the Logbook/Portfolio.	
36.	SU 25.1: Describe applied anatomy & appropriate investigations for breast disease. SU 25.2: Describe the etiopathogenesis, clinical features & principles of management of benign breast disease including infections of the breast.	CP 36 SU 25.1-25.2: Breast Disease- Fibroid Adenoma, Phylloid Tumour, mastitis, , Galactorrhoea-CF, Examination & Management	Breast disease: • Describe applied anatomy for breast disease. • Enumerate appropriate investigations for breast disease. • Describe the etiopathogenesis, clinical features & principles of management of benign breast disease including infections of the breast. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
37.	SU 25.3: Describe the etiopathogenesis, clinical features, Investigations & principles of treatment of benign & malignant tumours of breast. SU 25.4: Counsel the patient & obtain informed consent for treatment of malignant conditions of the breast.	CP 37 SU 25.3, 25.4: Benign & malignant Tumours of Breast- Definition, CF, Examination, Investigation, Management-Non-Surgical, Surgical (Types).(VI-AN, AETCOM)	Benign & malignant Tumours of breast: • Describe the etiopathogenesis, clinical features, Investigations. • Enlist the principles of treatment. • Counsel the patient & obtain informed consent for treatment of malignant conditions of the breast. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the performance. • Observe the counseling skills. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



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38.	SU 25.5: Demonstrate the correct technique to palpate the breast for breast swelling in a mannequin or equivalent.	CP 38: SU 25.5: Breast examination in a mannequin or equivalent	Breast examination: • Enumerate the steps in Breast examination in a mannequin. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Assess steps enumerated; Viva. • Observe the response & performance; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
39.	SU 26.1: Outline the role of surgery in the management of coronary heart disease, valvular heart diseases and congenital heart diseases.	CP 39 SU 26.1: Role of Surgery in the management of coronary heart disease, valvular heart diseases and congenital heart diseases	Coronary heart disease, valvular heart diseases and congenital heart diseases- Role of Surgery: • Discuss the role of surgery in the management of coronary heart disease, valvular heart diseases and congenital heart diseases. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
40.	SU 26.2: Describe the clinical features of mediastinal diseases and the principles of management. SU 26.3: Describe the etiology, pathogenesis, clinical features of tumors of lung and the principles of management.	CP 40 SU 26.2, 26.3: Management of Mediastinal diseases & Lung Cancers	Mediastinal diseases & Lung Cancers - Management: • Describe the CF of mediastinal diseases and the principles of management. • Describe the etiology, pathogenesis, clinical features of tumors of lung and the principles of management. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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41.	<p>SU 27.1: Describe the etiopathogenesis, clinical features, investigations and principles of treatment of occlusive arterial disease.</p> <p>SU 27.2: Demonstrate the correct examination of the vascular system and enumerate and describe the investigation of vascular disease.</p> <p>SU 27.3: Describe clinical features, investigations and principles of management of vasospastic disorders</p>	<p>CP 41</p> <p>SU 27.1-27.3: Occlusive arterial disease.- Etiopathogenesis, CF, Investigations & Treatment</p>	<p>Occlusive arterial disease:</p> <ul style="list-style-type: none"> • Describe the etiopathogenesis, CF, investigations and principles of treatment of occlusive arterial disease. • Demonstrate the correct examination of the vascular system & enumerate & describe the investigation of vascular disease • Describe CF, investigations & principles of mgt. of vasospastic disorders. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
42.	<p>SU 27.4: Describe the types of gangrene & principles of amputation</p>	<p>CP 42</p> <p>SU 27.4: Gangrene-Types, Principles of Amputation (HI-PMR)</p>	<p>Gangrene:</p> <ul style="list-style-type: none"> • Describe Types. • Discuss principles of Amputation. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
43.	<p>SU 27.5: Describe the applied anatomy of venous system of lower limb</p> <p>SU 27.6: Describe pathophysiology, clinical features, Investigations & principles of management of DVT & Varicose veins</p>	<p>CP 43</p> <p>SU 27.5, 27.6: DVT & Varicose veins-CF, investigations & management. (VI-AN, HI-IM)</p>	<p>DVT & Varicose veins:</p> <ul style="list-style-type: none"> • Describe the applied anatomy of Venous system of lower limb. • Describe pathophysiology, CF, investigations DVT & Varicose veins • Principles of mgt. • Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> • Assess the observed; activity Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
44.	<p>SU 27.7: Describe pathophysiology, clinical features, investigations & principles of management of Lymph edema, lymphangitis & Lymphomas.</p> <p>SU 27.8: Demonstrate the correct examination of the lymphatic system</p>	<p>CP 44</p> <p>SU 27.7,27.8: Lymph edema, lymphangitis & Lymphomas- Pathophysiology, CF, Examination, Investigations & Management(VI-AN)</p>	<p>Lymph edema, lymphangitis & Lymphomas:</p> <ul style="list-style-type: none"> •Describe pathophysiology, clinical features, investigations. •Principles of management •Observe common surgical procedures & assist in minor surgical procedures •Observe emergency lifesaving surgical procedures. •Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Assess the observed activity; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
45.	<p>SU 28.1: Describe pathophysiology, clinical features, Investigations and principles of management of Hernias.</p> <p>SU 28.2: Demonstrate the correct technique to examine the patient with hernia and identify different types of hernias.</p>	<p>CP 45</p> <p>SU 28.1, 28.2: Hernia-Types, Clinical features, investigations & Management</p>	<p>Hernia:</p> <ul style="list-style-type: none"> •Describe pathophysiology, clinical features, Investigations and principles of management of Hernias •Demonstrate the correct technique to examine the patient with hernia and identify different types of hernias. •Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Assess the observed activity; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
46.	<p>SU 28.3: Describe causes, clinical features, complications and principles of management of peritonitis.</p>	<p>CP 46</p> <p>SU 28.3: Peritonitis: Clinical features, investigations & Management</p>	<p>Peritonitis:</p> <ul style="list-style-type: none"> •Describe causes, clinical features, complications and principles of management of peritonitis •Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Assess the observed activity; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
47.	SU 28.4: Describe pathophysiology, clinical features, investigations and principles of management of Intra-abdominal abscess, mesenteric cyst, and retroperitoneal tumors.	CP 47 SU 28.4: Intra-abdominal abscess, mesenteric cyst, and retroperitoneal tumors: CF, investigations & Management	Intra-abdominal abscess, mesenteric cyst, and retroperitoneal tumors: <ul style="list-style-type: none"> Describe pathophysiology, clinical features, investigations and principles of management of Intra-abdominal abscess, mesenteric cyst, and retroperitoneal tumors. Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Assess the observed activity; Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
48.	SU 28.5: Describe the applied Anatomy and physiology of esophagus. SU 28.6: Describe the clinical features, investigations and principles of management of benign and malignant disorders of esophagus.	CP 48 SU 28.5, 28.6: Oesophageal Disorders: CF, investigations & Management	Oesophageal Disorders: <ul style="list-style-type: none"> Describe the applied Anatomy and physiology of esophagus Describe the CF investigations and principles of management of benign and malignant disorders of esophagus Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Assess the observed activity; Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
49.	SU 28.7: Describe the applied anatomy and physiology of stomach. SU 28.8: Describe and discuss the aetiology, the clinical features, investigations and principles of management of congenital hypertrophic pyloric stenosis, Peptic	CP 49 SU 28.7-28.9: Stomach Disorders: CF, investigations & Management	Stomach Disorders: <ul style="list-style-type: none"> Describe the applied anatomy and physiology of stomach Describe and discuss the aetiology, the CF, investigations and principles of management of 	<ul style="list-style-type: none"> Assess the observed activity; Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	ulcer disease, Carcinoma stomach. SU 28.9: Demonstrate the correct technique of examination of a patient with disorders of the stomach.		congenital hypertrophic pyloric stenosis, Peptic ulcer disease, and Carcinoma stomach. • Demonstrate the correct technique of examination of a patient with disorders of the stomach. • Document in the Logbook/Portfolio.	
50.	SU 28.10: Describe the applied anatomy of liver. Describe the clinical features, Investigations and principles of management of liver abscess, hydatid disease, injuries and tumors of the liver.	CP 50 SU 28.10: Liver Disorders: CF, investigations & Management	Liver Disorders: • Describe the applied anatomy of liver. • Describe the CF, investigations and principles of management of liver abscess, hydatid disease, injuries and tumors of the liver. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Assess the observed activity; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
51.	SU 28.11: Describe the applied anatomy of spleen. Describe the clinical features, investigations and principles of management of splenic injuries. Describe the post-splenectomy sepsis – prophylaxis.	CP 51 SU 28.11: Spleen Injuries: CF, investigations & Management	Spleen Injuries: • Describe the applied anatomy of spleen. • Describe the clinical features, investigations and principles of management of splenic injuries. Describe the post-splenectomy sepsis – prophylaxis. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Assess the observed activity; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
52.	SU 28.12: Describe the applied anatomy of biliary system. Describe the clinical features, investigations and principles of management of diseases of biliary system.	CP 52 SU 28.12: Biliary system diseases-CF, Investigations & Management	Biliary system diseases: <ul style="list-style-type: none"> • Describe the applied anatomy of biliary system. • Describe the CF, investigations and principles of management of diseases of biliary system. • Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> • Assess the observed activity; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
53.	SU 28.13: Describe the applied anatomy of small and large intestine. SU 28.14: Describe the clinical features, investigations and principles of management of disorders of small and large intestine including neonatal obstruction and Short gut syndrome.	CP 53 SU 28.13;28.14: Small and Large intestine disorders-CF, Investigations & Management small and large intestine	Small and Large intestine disorders <ul style="list-style-type: none"> • Describe the applied anatomy of small and large intestine • Describe the CF, investigations and principles of management of disorders of small and large intestine including neonatal obstruction and Short gut syndrome. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Assess the observed activity; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
54.	SU 28.15: Describe the clinical features, investigations and principles of management of diseases of Appendix including appendicitis and its complications.	CP 54 SU 28.15: Appendicitis-Elicit History, document, take history, systematic examination, plan a management	Appendicitis <ul style="list-style-type: none"> • Describe the CF investigations and principles of management of diseases of Appendix including appendicitis and its complications. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Assess the observed activity; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
55.	SU 28.16: Describe applied anatomy including congenital anomalies of the rectum & anal canal.	CP 55 SU 28.16: Sinus & Fistula: CF, Investigations, Management. (VI-AN,PA)	Congenital anomalies of the rectum & anal canal: <ul style="list-style-type: none"> • Discuss congenital anomalies of the rectum & anal canal. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
56.	SU 28.17: Describe the clinical features, investigations and principles of management of common anorectal diseases.	CP 56 SU 28.17: Common anorectal diseases- CF, Investigations & Management. (VI-AN,PA,MI)	Common anorectal diseases <ul style="list-style-type: none"> • Describe the CF, investigations and principles of management of common anorectal diseases. • Describe and demonstrate clinical examination of abdomen. Order relevant investigations. • Describe and discuss appropriate treatment plan. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
57.	SU 28.18: Describe and demonstrate clinical examination of abdomen. Order relevant investigations. Describe and discuss appropriate treatment plan.	CP 57 SU 28.18: Clinical examination of abdomen. Order relevant investigations. Describe and discuss appropriate treatment plan. (VI-AN,PA)	Clinical Abdominal Examinations: <ul style="list-style-type: none"> • Describe and demonstrate clinical examination of abdomen. Order relevant investigations. • Describe and discuss appropriate treatment plan. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
58.	<ul style="list-style-type: none"> •SU 29.1: Describe the causes, investigations and principles of management of Hematuria •SU 29.2: Describe the clinical features, investigations and principles of management of congenital anomalies of genitourinary system 	CP 58 SU 29.1, 29.2: Hematuria; Congenital anomalies of genitourinary system: CF, investigations and treatment plan. (VI-AN,BI,PA)	Hematuria: <ul style="list-style-type: none"> •Describe the causes, investigations and principles of management of Hematuria •Describe the CF, investigations and principles of management of congenital anomalies of genitourinary system. •Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
59.	SU 29.3: Describe the Clinical features, Investigations and principles of management of urinary tract infections.	CP 59 SU 29.3: UTI: CF, investigations and treatment plan. . (VI-AN,BI,PA)	UTI: <ul style="list-style-type: none"> •Describe the CF, investigations and principles of management of UTI. •Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
60.	SU 29.4: Describe the clinical features, investigations and principles of management of hydronephrosis.	CP 60 SU 29.4- Hydronephrosis-CF, Investigations and Management. . (VI-AN,BI,PA)	Hydronephrosis: <ul style="list-style-type: none"> •Describe the CF investigations & principles of management of Hydronephrosis. •Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
61.	SU 29.5: Describe the clinical features, investigations and principles of management of renal calculi	CP 61 SU 29.5-Renal Calculi-CF, Investigations and Management. . (VI-AN,PA)	Renal Calculi: <ul style="list-style-type: none"> •Describe the CF, investigations & principles of management of renal calculi •Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
62.	SU 29.6: Describe the clinical features, investigations and principles of management of renal tumours.	CP 62 SU 29.6- Renal tumours.-CF, investigation & Management. (VI-AN,PA)	Renal tumours: •Describe the CF, investigations and principles of mgt. of renal tumours. •Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe & assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. Provide feedback
63.	SU 29.7: Describe the principles of management of acute and chronic retention of urine.	CP 63 SU 29.7- Acute and Chronic retention of urine-CF, investigation & Management. . (VI-AN,BI,PA)	Acute and Chronic retention of urine: •Describe the CF, investigations and principles of management of acute and chronic retention of urine. •Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
64.	SU 29.8: Describe the clinical features, investigations and principles of management of bladder cancer.	CP 64 SU 29.8- Bladder Cancer-CF, investigation & Management. . (VI-AN,BI,PA)	Bladder Cancer: •Describe the CF, investigations & principles of management of bladder cancer •Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
65.	SU 29.9: Describe the clinical features, investigations and principles of management of disorders of prostate	CP 65 SU 29.9: Prostate Disorders-CF, investigation & Management. . (VI-AN,BI,PA)	Prostate Disorder: •Describe the CF, investigations & principles of management of disorders of prostate •Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
66.	SU 29.10: Demonstrate a digital rectal examination of the prostate in a mannequin or equivalent.	CP 66 SU 29.10: Digital rectal examination of the prostate in a mannequin or equivalent	Digital rectal examination: •Demonstrate a digital rectal examination of the prostate in a mannequin or equivalent. •Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
67.	SU 29.11: Describe clinical features, investigations and management of urethral strictures	CP 67 SU 29.11: Urethral Strictures-CF, investigation & Management. (VI-AN,BI,PA)	Urethral Strictures: <ul style="list-style-type: none"> • Demonstrate a digital rectal exam. of the prostate in a mannequin or equivalent. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
68.	SU 30.1: Describe the clinical features, investigations and principles of management of phimosis, paraphimosis and carcinoma penis.	CP 68 SU 30.1: Phimosis, Paraphimosis and Carcinoma Penis - CF, investigation & Management. . (VI-AN,BI,PA)	Phimosis, Paraphimosis And Carcinoma Penis: <ul style="list-style-type: none"> • Describe the CF, investigations and principles of management of -Phimosis, -Paraphimosis and -Carcinoma penis. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
69.	SU 30.2: Describe the applied anatomy clinical features, investigations and principles of management of undescended testis. SU 30.3: Describe the applied anatomy clinical features, investigations and principles of management of epididymoorchitis	CP 69 SU 30.2: Undescended Testis- Document, Elicit History, systematic examination, plan a management	Undescended Testis: <ul style="list-style-type: none"> • Describe the applied anatomy clinical features, investigations and principles of management of undescended testis. • Describe the applied anatomy clinical features, investigations and principles of management of epididymoorchitis. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
70.	<p>SU 30.4: Describe the applied anatomy clinical features, investigations and principles of management of Varicocele.</p> <p>SU 30.5: Describe the applied anatomy, clinical features, investigations and principles of management of Hydrocele.</p>	<p>CP 70</p> <p>SU 30.4, 30.5: Hydrocele, Varicocele- Clinical features, Investigations and management.</p>	<ul style="list-style-type: none"> • Hydrocele, Varicocele: • Describe the applied anatomy CF, investigations and principles of management of -Varicocele. -Hydrocele • Describe classification, clinical features, investigations and principles of management of tumours of testis. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
71.	<p>SU 30.6: Describe classification, clinical features, investigations and principles of management of tumours of testis.</p>	<p>CP 71</p> <p>SU 30.6: Testicular Tumours-CF, Investigations and management.</p>	<p>Testicular Tumours:</p> <ul style="list-style-type: none"> • Describe the applied anatomy CF, investigations and principles of management of Testicular Tumours • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
72.	Ward leaving Assessment			



3. Clinical Posting Classes for Phase-III Part 2 (2019-20 Batch):

Obstetrics & Gynaecology

Each group is posted for **12 weeks in Obstetrics & Gynaecology from Monday to Saturday (10 am to 1 pm)**. The students may be **posted in rotation in the OPD, Ward, Operation Theatre & Special clinic** according to the unit/units in the department. Faculty in charge for teaching, will facilitate the Clinical Posting of students as follows:

Obstetrics & Gynaecology

Week	Day	Faculty
Week 1 to Week 4	Mon	CP Faculty-in-Charge as decided by the HoD
	Tue	
	Wed	
	Thurs	
	Fri	
	Sat	

Faculty to ensure that the students take proper precautions to prevent Covid-19 as per the periodic government instructions. The following competencies may be imparted to the students posted according to the availability of patients:

S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
1.	OG 5.1: Describe, discuss and identify pre-existing medical disorders and discuss their management; discuss evidence-based intrapartum care.	CP 1 OG 5.1: Intrapartum care -identify pre-existing medical disorders and their management.	Intrapartum care: •Describe, discuss and identify pre-existing medical disorders and discuss their management; discuss evidence-based intrapartum care. •Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe& assess the response & performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
2.	OG 5.2: Determine maternal high risk factors and verify immunization status.	CP 2 OG5.2: Determine maternal high risk factors and verify immunization status.	Maternal high risk factors and verify immunization status: •Determine maternal high risk factors and verify immunization status of a pregnant women. •Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
3.	OG 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.	CP 3 OG 6.1: Pregnancy-CF, discuss DD, principles underlying and interpret pregnancy tests.	Pregnancy: • Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy tests. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
4.	OG 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.	CP 4 OG 8.2: ANC-Elicit & document, History taking	Antenatal Care: • Elicit document and present an obstetric history including menstrual history, last menstrual period, previous obstetric history, comorbid conditions, past medical history and surgical history. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
5.	OG 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.	CP 5 OG 8.3: Obstetrical Examination	Obstetrical Examination: • Describe, demo, document & perform an obstetrical exam. including a general & abdominal examination & clinical monitoring of maternal & fetal well-being. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
6.	OG 8.4: Describe and demonstrate clinical monitoring of maternal and fetal well-being.	CP 6 OG 8.4: Monitoring of maternal & fetal well being	Monitoring of maternal & fetal well-being: <ul style="list-style-type: none"> • Describe and demonstrate clinical monitoring of maternal and fetal well-being. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
7.	OG 8.5: Describe and demonstrate pelvic assessment in a model.	CP 7 OG 8.5: Pelvic assessment in a model.	Pelvic assessment in a model: <ul style="list-style-type: none"> • Describe and demonstrate pelvic assessment in a model. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
8.	OG 8.6: Assess and counsel a patient in a simulated environment regarding appropriate nutrition in pregnancy.	CP 8 OG 8.6: Nutrition in pregnancy	Nutrition in pregnancy: <ul style="list-style-type: none"> • Assess and counsel a patient in a simulated environment regarding appropriate nutrition in pregnancy. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe and assess the responses. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
9.	OG 9.2: Describe the steps & observe/assist in the performance of an MTP evacuation.	CP 9 OG 9.2: MTP (VI-FM)	MTP evacuation: <ul style="list-style-type: none"> • Enumerate the steps. • Observe/assist in the performance of an MTP evacuation. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response & performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
10.	OG 9.4: Discuss the clinical features, laboratory investigations, ultrasonography,	CP 10 OG 9.4: Gestational trophoblastic neoplasms:	Gestational trophoblastic neoplasms: <ul style="list-style-type: none"> • Elicit History, Abdominal 	<ul style="list-style-type: none"> • Observe the performance. • Assess the Logbook/Portfolio. • Validate the Logbook



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	differential diagnosis, principles of management & follow up of gestational trophoblastic neoplasms.	Document Eliciting History, Abdominal examination, plan a management (HI-RD)	examination, plan a management • Document in the Logbook/Portfolio	entry. • Provide feedback
11.	OG 10.1: Define, classify & describe the aetiology, pathogenesis, clinical features, ultrasonography, differential diagnosis & management of antepartum hemorrhage in pregnancy.	CP 11 OG 10.1: Antepartum hemorrhage: Document, Elicit History, Abdominal examination, plan a management	APH in Pregnancy: • Define, classify & describe the aetiology, pathogenesis. • Present the case through SNAPPS-discuss CF, USG findings. • Discuss the management. • Document in the Logbook/Portfolio.	• Observe the performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
12.	OG 11.1: Describe the etiopathology, clinical features; diagnosis & investigations, complications, principles of management of multiple pregnancies.	CP 12 OG 11.1: Multiple Pregnancy- Document, Elicit History, Abdominal examination	Multiple pregnancies: • Describe the etiopathology, CF; diagnosis • Enumerate the investigations, complications. • Discuss the management. • Document in the Logbook/Portfolio.	• Observe the response. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
13.	OG 12.1: Define, classify & describe the etiology & pathophysiology, early detection, investigations; principles of management of hypertensive disorders of pregnancy & eclampsia, complications of eclampsia.	CP 13 OG 12.1: Hypertension & Pregnancy- Document, Elicit History, systematic examination, plan a management(VI-IM)	Hypertensive disorders: • Define, classify & describe the etiology & pathophysiology, early detection, investigations. • Plan management of hypertensive disorders of pregnancy & eclampsia,	• Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
			<p>complications of eclampsia.</p> <ul style="list-style-type: none"> • Document in the Logbook/Portfolio. • Present during rounds 	
14.	OG 12.2: Define, classify and describe the etiology, pathophysiology, diagnosis, investigations, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of anemia.	<p>CP 14</p> <p>OG 12.2: Anaemia & Pregnancy- Document, Elicit History, systematic examination, plan a management</p>	<p>Anaemia & Pregnancy:</p> <ul style="list-style-type: none"> • Define, classify and describe the etiology, pathophysiology, diagnosis, investigations, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of anemia. • Document in the Logbook/Portfolio. • Present during rounds 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
15.	OG 12.3: Define, classify and describe the etiology, pathophysiology, diagnosis, investigations, criteria, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of diabetes in pregnancy.	<p>CP 15</p> <p>OG 12.3: Diabetes mellitus & Pregnancy- Document, Elicit History, systematic examination, plan a management</p>	<p>Diabetes mellitus & Pregnancy:</p> <ul style="list-style-type: none"> • Define, classify and describe the etiology, pathophysiology, diagnosis, investigations, criteria, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of diabetes in pregnancy. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
			<ul style="list-style-type: none"> • Plan management of DM during pregnancy & labour. • Document in the Logbook/Portfolio. • Present during rounds 	
16.	OG 12.4: Define, classify & describe the etiology, pathophysiology, diagnosis, investigations, and criteria, adverse effects on the mother & fetus & the management during pregnancy & labor, & complications of heart diseases in pregnancy.	CP 16 OG 12.4: Heart Diseases in Pregnancy: Document, Elicit History, systematic examination, plan a management(VI-IM)	Heart diseases in pregnancy: <ul style="list-style-type: none"> • Define, classify & describe the etiology, pathophysiology, diagnosis, investigations. • Criteria, adverse effects on the mother & fetus. • Plan mgt. during pregnancy & labor. • Plan mgt. of complications of heart diseases in pregnancy. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
17.	OG 12.5: Describe the clinical features, detection, and effect of pregnancy on the disease and impact of the disease on pregnancy complications and management of urinary tract infections in pregnancy.	CP 17 OG 12.5: UTI In Pregnancy	UTI in pregnancy: <ul style="list-style-type: none"> • Describe the CF, of UTI during pregnancy. • Discuss the complications & mgt. of UTI in pregnancy. • Plan mgt. during pregnancy & labor. • Plan management of complications of heart diseases in pregnancy. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



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18.	OG 12.6: Describe the clinical features, detection, and effect of pregnancy on the disease & impact of the disease on pregnancy complications & management of liver disease in pregnancy.	CP 18 OG 12.6: Liver Disease in Pregnancy: Document, Elicit History, systematic examination, plan a management(VI-IM)	Liver Disease in Pregnancy: •Elicit History & describe CF. •Do a systematic examination. •Plan mgt. during pregnancy & labor. •Document in the Logbook/Portfolio'	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
19.	OG 12.7: Describe and discuss screening, risk factors, management of mother and newborn with HIV.	CP 19 OG 12.7: Management of mother and newborn with HIV	HIV in Pregnancy: •Describe and discuss screening, risk factors, management of mother and newborn with HIV. •Plan management during pregnancy & labor. •Document in the Logbook/Portfolio'	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
20.	OG 12.8: Describe the mechanism, prophylaxis, fetal complications, diagnosis and management of isoimmunization in pregnancy.	CP 20 OG 12.8: Isoimmunization in Pregnancy.	Isoimmunization in Pregnancy: •Describe the mechanism, prophylaxis, fetal complications, diagnosis & mgt. of isoimmunization in pregnancy. •Plan management during pregnancy & labor. •Document in the Logbook/Portfolio'	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
21.	OG 13.2: Define, describe the causes, pathophysiology, diagnosis, investigations and management of preterm labor, PROM and postdated	CP 21 OG 13.2: Preterm labor, PROM and postdated pregnancy- Diagnosis & management.	Preterm labor, PROM and postdated pregnancy: •Define, describe the causes, pathophysiology, diagnosis,	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	pregnancy.		<p>investigations and management of preterm labor, PROM & postdated pregnancy.</p> <ul style="list-style-type: none"> • Plan management during pregnancy & labor. • Document in the Logbook/Portfolio 	
22.	OG 13.3: Observe/assist in the performance of an artificial rupture of membranes.	CP 22 OG 13.3: Performance of an artificial rupture of membranes	<p>Artificial rupture of membranes:</p> <ul style="list-style-type: none"> • Observe/ Assist in the performance of AROM. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the performance; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
23.	OG 13.5: Observe and assist the conduct of a normal vaginal delivery.	CP 23 OG 13.5: Normal vaginal delivery: Observe.	<p>Normal vaginal delivery: Observe:</p> <ul style="list-style-type: none"> • Observe and assist the conduct of a normal vaginal delivery. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the performance; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
24.	OG 14.3: Describe and discuss rupture uterus, causes, diagnosis and management.	CP 24 OG 14.3: Rupture uterus- causes, diagnosis and management.	<p>Rupture uterus:</p> <ul style="list-style-type: none"> • Describe and discuss rupture uterus, causes, diagnosis and management. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the performance; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
25.	OG 14.4: Describe and discuss the classification; diagnosis; management of abnormal labor	CP 25 OG 14.4: Abnormal labor: Classification, diagnosis & management.	<p>Abnormal labor:</p> <ul style="list-style-type: none"> • Describe and discuss rupture uterus, causes, diagnosis & mgt. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe & assess the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
26.	OG 15.2: Observe and assist in the performance of an	CP 26 OG 15.2: Episiotomy and Observe/Assist in	<p>Episiotomy; Observe CS, Forceps, Vacuum</p>	<ul style="list-style-type: none"> • Observe the performance; Viva • Assess the



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	episiotomy and demonstrate the correct suturing technique of an episiotomy in a simulated environment. Observe/Assist in operative obstetrics cases.	operative obstetrics cases– including - CS, Forceps, vacuum extraction, and breech delivery	extraction & Breech Delivery: <ul style="list-style-type: none"> • Observe & assist an episiotomy. • Demonstrate the correct suturing technique of an episiotomy in a simulated environment. • Observe/Assist in operative obstetrics cases in CS, Forceps, Vacuum extraction & Breech Delivery. • Document in the Logbook/Portfolio. 	Logbook/Portfolio. <ul style="list-style-type: none"> • Validate the Logbook entry. • Provide feedback
27.	OG 16.1: Enumerate and discuss causes, prevention, diagnosis, management, appropriate use of blood and blood products in postpartum hemorrhage.	CP 27 OG 16.1: Postpartum Hemorrhage	Postpartum Haemorrhage: <ul style="list-style-type: none"> • Enumerate the causes of PPH. • Discuss causes, prevention, diagnosis, management, appropriate use of blood & blood products in PPH. • Plan management during pregnancy & labor. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe & assess the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
28.	OG 16.2: Describe and discuss uterine inversion – causes, prevention, diagnosis and management.	CP 28 OG 16.2: Uterine Inversion.	Uterine Inversion: <ul style="list-style-type: none"> • Enumerate causes of uterine inversion. • Describe and discuss prevention & diagnosis Uterine Inversion. • Plan management 	<ul style="list-style-type: none"> • Observe & assess the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
			during pregnancy & labor. • Document in the Logbook/Portfolio.	
29.	OG 16.3: Describe and discuss causes, clinical features, diagnosis, investigations; monitoring of fetal well-being, including ultrasound and fetal Doppler; principles of management; prevention and counseling in intrauterine growth retardation.	CP 29 OG 16.3: IUGR- Diagnosis, Prevention & Management.	IUGR: • Enumerate causes of IUGR. • Describe CF, diagnosis, investigation, prevention of IUGR. • Monitoring of well-being, including ultrasound and fetal Doppler • Counseling in IUGR. • Plan management during pregnancy & labor. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe & assess the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
30.	OG 19.1: Describe and discuss the physiology of puerperium, its complications, diagnosis & management; counseling for contraception, puerperal sterilization.	CP 30 OG 19.1: Counseling for contraception in a simulated environment.	Puerperium & Counseling for Contraception: • Describe and discuss the physiology of puerperium, its complications, diagnosis & management. • Counseling for contraception, puerperal sterilization. • Plan PP IUCD after labor. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe & assess the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
31.	OG 21.1: Describe and discuss the temporary and permanent methods of contraception, indications, technique and complications; selection of patients, side effects and failure rate including OCs, male contraception, emergency contraception and IUCD	CP 31 OG 21.1: Contraceptive Methods & their indications, contraindications & complications.	Contraception Methods: <ul style="list-style-type: none"> • Describe and discuss the temporary and permanent methods of contraception. • Indications, technique and complications; selection of patients, side effects and failure rate including OCs, male contraception, emergency contraception and IUCD • Plan PP IUCD after labor. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe & assess the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
32.	OG 22.2: Describe & discuss the etiology (with special emphasis on Candida, T. vaginalis, bacterial vaginosis), characteristics, clinical diagnosis, investigations, genital hygiene, management of common causes and the Syndromic management.	CP 32 OG 22.2: Vaginal Discharge- Causes, Diagnosis, Prevention & Syndromic management.	Vaginal Discharge: <ul style="list-style-type: none"> • Enumerate the various causes of vaginal discharge. • Characteristic of each cause to make a clinical diagnosis, choose an appropriate investigation. • Plan treatment as per the Syndromic management. • Counsel for genital hygiene & preventive measures. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe & assess the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
33.	OG 23.1: Describe and discuss the physiology of puberty, features of abnormal puberty, common problems and their management	CP 33 OG 23.1: Puberty- Physiology & common problems and their management	Puberty: <ul style="list-style-type: none"> • Describe and discuss the physiology of puberty. • Discuss features of abnormal puberty, common problems and their management. • Counsel about abnormal puberty, common problems during Puberty. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe & assess the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
34.	OG 24.1: Define, classify & discuss abnormal uterine bleeding, its aetiology, clinical features, investigations, diagnosis & management.	CP 34 OG 24.1: Abnormal uterine bleeding: Document, Elicit History, systematic examination, plan a management.	Abnormal uterine bleeding: <ul style="list-style-type: none"> • Elicit History, do a systematic examination. • Describe the clinical features, investigations to confirm a diagnosis • Plan a management. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
35.	OG 28.1: Describe and discuss the common causes, pathogenesis, clinical features, differential diagnosis; investigations; principles of management of infertility – methods of tubal patency, ovulation induction, and assisted reproductive techniques.	CP 35 OG 28.1: Infertility- Document, Elicit History, systematic examination, plan a management	Infertility: <ul style="list-style-type: none"> • Enumerate & discuss the common causes, pathogenesis & clinical features. • Generate a DD. • Enlist investigations to support your diagnosis. • Discuss the principles of management of infertility. 	<ul style="list-style-type: none"> • Observe the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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			<ul style="list-style-type: none"> • Discuss & describe – methods of tubal patency, ovulation induction, assisted reproductive • Prepare a Treatment Plan. • Document in the Logbook/Portfolio. 	
36.	OG 28.2: Enumerate the assessment and restoration of tubal latency	CP 36 OG 28.2: Enumerate the assessment and restoration of tubal latency.	Restoration of tubal latency: <ul style="list-style-type: none"> • Enumerate & discuss the common causes, pathogenesis & clinical features. • Generate a DD. • Enlist investigations to support your diagnosis. • Discuss the principles of management of infertility. • Discuss & describe – methods of tubal patency, ovulation induction, assisted reproductive • Prepare a Treatment Plan. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
37.	OG 28.3: Describe the principles of ovulation induction	CP 37 OG 28.3: Ovulation induction	Ovulation induction: <ul style="list-style-type: none"> • Enumerate & discuss the indications for Ovulation Induction. • Enumerate the methods of Ovulation 	<ul style="list-style-type: none"> • Observe the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
			Induction. • Prepare a Treatment Plan. • Document in the Logbook/Portfolio.	
38.	OG 29.1: Describe & discuss the etiology; pathology; clinical features; differential diagnosis; investigations; principles of management, complications of fibroid uterus.	CP 38 OG 29.1: Fibroid uterus- Document, Elicit History, systematic examination, plan a management	Fibroid uterus: • Elicit History, do a systematic examination. • Discuss the etiopathogenesis, CF; investigation & DD. • Identify complications. • Plan a mgt. • Document in the Logbook/Portfolio. • Present during rounds.	• Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
39.	OG 31.1: Describe and discuss the etiology, classification, clinical features, diagnosis, investigations, and principles of management and preventive aspects of prolapse of uterus.	CP 39 OG 31.1: Prolapse of uterus-CF, investigation & management.	Prolapse Uterus: • Describe & discuss the etiology & classify Prolapse Uterus. • Describe the CF appropriate investigations to support the diagnose prolapse uterus. • Discuss the principles & preventive aspects of prolapse of uterus. • Prepare a treatment plan to manage Prolapse Uterus. • Document in the Logbook/Portfolio. • Present during rounds.	• Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
40.	OG 32.1: Describe and discuss the physiology of menopause, symptoms, prevention, management and the role of hormone replacement therapy.	CP 40 OG 32.1: Menopause & its management	<ul style="list-style-type: none"> • Menopause: • Describe and discuss the physiology, symptoms of menopause. • Enlist the, prevention strategies & discuss the mgt. • Discuss the indications & contraindications of HRT. • Document in the Logbook/Portfolio. • Present during rounds. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
41.	OG 32.2: Post-menopausal bleeding- Document, Elicit History, systematic examination, plan a management	CP 41 OG 32.2: Postmenopausal bleeding & its management	<ul style="list-style-type: none"> • Postmenopausal bleeding: • Elicit History, systematic examination of postmenopausal bleeding. • Prepare a treatment plan a mgt. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
42.	OG 33.1: Classify, describe & discuss the etiology, pathology, clinical features, differential diagnosis, investigations & staging of cervical cancer	CP 42 OG 33.1: Cancer cervix- Document, Elicit History, systematic examination, plan a management	<ul style="list-style-type: none"> • Cervical Cancer: • Classification & Staging. • Discuss the etiopathogenesis, CF, investigation & DD. • Enumerate the investigations. • Plan a mgt. • Document in the Logbook/Portfolio. • Present during rounds. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
43.	OG 33.2: Describe the principles of management including surgery and radiotherapy of Benign, Pre-malignant (CIN) and Malignant Lesions of the Cervix.	CP 43 OG 33.2: Benign, Pre-malignant (CIN) and Malignant Lesions of the Cervix & it's management	Benign, Pre-malignant (CIN) and Malignant Lesions of the Cervix: <ul style="list-style-type: none"> • Discuss the etiopathogenesis, CF; investigations to diagnose Benign, Pre-malignant (CIN) and Malignant Lesions of the Cervix. • Prepare a Treatment plan & management for each of the above stages. • Document in the Logbook/Portfolio. • Present during rounds. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
44.	OG 33.4: Enumerate the methods to prevent cancer of cervix including visual inspection with acetic acid (VIA), visual inspection of cervix with Lugol's iodine (VILI), pap smear and colposcopy	CP 44 OG 33.4: Screening methods to prevent cancer of cervix VIA, VILI, pap smear and colposcopy	Screening methods to prevent Cancer Cervix: <ul style="list-style-type: none"> • Enumerate the methods to prevent Ca Cervix. • Discuss the requirement of VIA, VILI, Pap smear & colposcopy & describe each of them. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
45.	OG 34.1: Describe & discuss aetiology, pathology, staging clinical features, differential diagnosis, investigations, staging	CP 45 OG 34.1: Endometrial cancer- Document, Elicit History, systematic examination, plan a	Endometrial cancer: <ul style="list-style-type: none"> • Discuss the etiopathogenesis, CF; Staging, Classification, & 	<ul style="list-style-type: none"> • Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry.



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	laparotomy & principles of management of endometrial cancer	management.	DD. • Enumerate the investigations. • Plan a mgt. • Document in the Logbook/Portfolio.	• Provide feedback
46.	OG 35.1: Obtain a logical sequence of history, and perform a humane and thorough clinical examination, excluding internal examinations (per-rectal and per-vaginal)	CP 46 OG 35.1: Obtain a logical sequence of history, and perform a humane and thorough clinical examination, excluding internal examinations (per-rectal and per-vaginal)	History Taking & Examination in a Gynecological Patient: • Obtain a logical sequence of history taking. • Perform a humane and thorough clinical examination, excluding internal examinations (per-rectal and per-vaginal). • Document in the Logbook/Portfolio.	• Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
47.	OG 35.2: Arrive at a logical provisional diagnosis after examination.	CP 47 OG 35.2: Arrive at a logical provisional diagnosis after examination.	Provisional Diagnosis: • Arrive at a logical provisional diagnosis after examination. • Enumerate the DD as per the findings. • Document in the Logbook/Portfolio.	• Observe the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
48.	OG 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.	CP 48 OG 35.3: Referral Services for urgent or early treatment at secondary and tertiary centres and make a prompt referral of such patients.	Emergency Treatment & Referral Services: • Enlist conditions which require urgent or early treatment at secondary and tertiary centres. • Discuss the plan for first aid or	• Observe & assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
			<p>emergency treatment.</p> <ul style="list-style-type: none"> • Discuss how to make a prompt referral of such patients. • Document in the Logbook/Portfolio. 	
49.	OG 35.4: Demonstrate interpersonal & communication skills befitting a physician in order to discuss illness and its outcome with patient and family	CP 49 OG 35.4: Interpersonal & communication skills to discuss illness and its outcome with patient and family	Interpersonal and communication skills: <ul style="list-style-type: none"> • Demonstrate interpersonal and communication skills in a simulating environment to discuss illness and its outcome with patient and family. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe & assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
50.	OG 35.6: Demonstrate ethical behavior in all aspects of medical practice.	CP 50 OG 35.6: Demonstrate ethical behavior in all aspects of medical practice.	Ethical aspects in Medical Practice: <ul style="list-style-type: none"> • Demonstrate ethical behavior in all aspects of medical practice. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe & assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
51.	OG 35.7: Obtain informed consent for any examination / procedure.	CP 51 OG 35.7: Informed consent.	Informed consent: <ul style="list-style-type: none"> • Obtain informed consent for any examination / procedure from a patient or in a simulated environment • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe & assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
52.	OG 35.8: Write a complete case record with all necessary details	CP 52 OG 35.8: Write a complete case record	Writing a complete case record: <ul style="list-style-type: none"> • Write a complete case record with all 	<ul style="list-style-type: none"> • Observe & assess the response; Viva. • Assess the Logbook/Portfolio.



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
			necessary details about problem based patient in a simulated environment • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Validate the Logbook entry. • Provide feedback
53.	OG 35.9: Write a proper discharge summary with all relevant information	CP 53 OG 35.9: Write a discharge summary.	Writing a Discharge Summary: <ul style="list-style-type: none"> • Write a proper discharge summary with all relevant information. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe & assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
54.	OG 35.10: Write a proper referral note to secondary or tertiary centres or to other physicians with all necessary details.	CP 54 OG 35.10: Writing a Referral Note	Writing a Referral Note: <ul style="list-style-type: none"> • Write a proper referral note to secondary or tertiary centres or to other physicians with all necessary details. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe & assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
55.	OG 35.15: Demonstrate the correct technique to insert & remove an IUD in a simulated/supervised environment	CP 55 OG 35.15: IUD – insertion & removal	IUD –insertion & removal: <ul style="list-style-type: none"> • Demonstrate the correct technique to insert an IUD in a simulated/supervised environment. • Demonstrate the correct technique to remove an IUD in a simulated/supervised environment • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the performance & assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
56.	OG 35.16: Emergency mgt. of APH & PPH in a simulated / guided environment.	CP 56 OG 35.16: Emergency mgt. of APH & PPH in a simulated / guided environment	Emergency management of APH & PPH: <ul style="list-style-type: none"> • Demonstrate the correct technique to insert an IUD in a simulated/ supervised environment. • Demonstrate the correct technique to remove an IUD in a simulated/ supervised environment • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the performance & assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
57.	OG 36.1: Plan and institute a line of treatment, which is need based, cost effective and appropriate for common conditions taking into consideration (a) Patient (b) Disease (c) Socio-economic status (d) Institution/ Governmental guidelines.	CP 57 OG 36.1: Need based, cost effective and appropriate Treatment Plan for common conditions.	Need based, cost effective and appropriate Treatment Plan for common conditions: <ul style="list-style-type: none"> • Discuss need based, cost effective and appropriate plan of treatment for common conditions considering patient condition, disease, Socio-economic status and as per Institution/ Governmental guidelines. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the performance & assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
58.	OG 36.2 : Organize antenatal, postnatal, well-baby and family welfare clinics	CP 58 OG 36.2: Organize a antenatal, postnatal, well-baby and family welfare clinics	Organize a antenatal, postnatal, well-baby and family welfare clinics: <ul style="list-style-type: none"> • Enumerate & 	<ul style="list-style-type: none"> • Observe the performance & assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
			<p>discuss the plan to organize a antenatal, postnatal clinic in reality/in simulated environment.</p> <ul style="list-style-type: none"> • Enumerate & discuss the plan to organize a well-baby and family welfare clinics in reality/in simulated environment. • Document in the Logbook/Portfolio. 	<p>entry.</p> <ul style="list-style-type: none"> • Provide feedback
59.	OG 36.3: Demonstrate the correct technique of punch biopsy of uterus in a simulated/supervised environment	CP 59 OG 36.3: Punch biopsy of uterus.	<p>Punch biopsy of uterus:</p> <ul style="list-style-type: none"> • Demonstrate the correct technique of punch biopsy of uterus in a simulated/supervised environment • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the performance & assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
60.	OG 37.1: Observe and assist in the performance of a Caesarean section.	CP 60 OG 37.1: Observe a Caesarean section	<p>Observe a Caesarean section:</p> <ul style="list-style-type: none"> • Observe the performance of a Caesarean section. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
61.	OG 37.3: Observe and assist in the performance of Hysterectomy – abdominal/vaginal.	CP 61 OG 37.3: Observe an Abdominal Hysterectomy	<p>Observe an Abdominal/Vaginal Hysterectomy:</p> <ul style="list-style-type: none"> • Observe the performance of Hysterectomy – abdominal/vaginal. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Assess the response; Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
62.	OG 37.2: Observe & assist in the performance of Laparotomy	CP 62 OG 37.2: Observe & assist in the performance of Laparotomy	Laparotomy: • Observe & assist in the performance of Laparotomy. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> Observe the performance; Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
63.	OG 37.4: Observe and assist in the performance of Dilatation & Curettage (D&C)	CP 63 OG 37.4: Observe and assist in the performance of Dilatation & Curettage (D&C)	D&C: • Observe and assist in the performance of Dilatation & Curettage (D&C) • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> Observe the performance; Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
64.	OG 37.5: Observe and assist in the performance of Endometrial aspiration - endocervical curettage (EA-ECC)	CP 64 OG 37.5: Endometrial aspiration: endocervical curettage (EA-ECC)	Endometrial aspiration - endocervical curettage (EA-ECC): • Observe & assist in the performance of Endometrial aspiration - endocervical curettage • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> Observe the performance; Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
65.	OG 37.6: Observe & assist in the performance of outlet forceps application of vacuum & breech delivery.	CP 65 OG 37.6: Observe & assist in the performance of outlet forceps application	Outlet forceps application: • Observe & assist in the performance of Outlet forceps application. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> Observe the performance; Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
66.	OG 37.6: Observe & assist in the performance of outlet forceps application of vacuum & breech delivery	CP 66 OG 37.6: Observe & assist in the performance of breech delivery	Breech delivery: • Observe & assist in the performance of Breech delivery. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> Observe the performance; Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
67.	OG 37.6: Observe & assist in the performance of outlet forceps application of vacuum & breech delivery	CP 67 OG 37.6: Observe & assist in the performance of application of vacuum	Application of vacuum: • Observe & assist in the performance of Application of vacuum. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> Observe the performance; Viva. Assess the Logbook /Portfolio. Validate the Logbook entry. Provide feedback
68.	OG 37.7: Observe and assist in the performance of MTP in the first trimester and evacuation in incomplete abortion	CP 68 OG 37.7: MTP	MTP: • Observe & assist in the performance of MTP in the 1 st trim.& evacuation in incomplete abortion • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> Observe the performance; Viva. Assess the Logbook /Portfolio. Validate the Logbook entry. Provide feedback
69.	OG 38.1: Laparoscopy OG 38.2: Hysteroscopy.	CP 69 OG 38.1, 38.2: Laparoscopy & Hysteroscopy	Laparoscopy: • Observe a Laparoscopy. • Observe a Hysteroscopy. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> Observe the performance; Viva. Assess the Logbook /Portfolio. Validate the Logbook entry. Provide feedback
70.	OG 38.3: Lap sterilization.	CP70 OG 38.3: Lap sterilization	Lap Sterilization. • Observe Lap sterilization. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> Assess the response; Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
71.	OG 38.4: Assess the need for and issue proper medical certificates to patients for various purposes	CP 71 OG 38.4: Issuing Medical certificates.	Issuing Medical certificates: • Enumerate condition to issue a medical certificate. • Write a draft medical certificate to patients for various purposes. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> Assess the response; Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
72.	Ward Leaving Assessment			



4. Clinical Posting Classes for Phase-III Part 2 (2019-20 Batch): Paediatrics

Each group is posted for **4 weeks in Paediatrics**, from Monday to Saturday (10 am to 1 pm). The students may be **posted in rotation in the OPD, Ward & Special clinic** according to the unit/units in the department. Faculty in charge for teaching will facilitate the Clinical Posting of students as follows:

Paediatrics

Week	Day	Faculty
Week 1 to Week 4	Mon	Faculty-in-Charge as decided by the HoD
	Tue	
	Wed	
	Thurs	
	Fri	
	Sat	

Faculty to ensure that the students take proper precautions to prevent Covid-19 as per the periodic government instructions. The following competencies may be imparted to the students posted according to the availability of patients:

S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
1.	<p>PE2.1: Discuss the etiopathogenesis, clinical features and management of a child who fails to thrive.</p> <p>PE 2.2: Assessment of a child with failing to thrive including eliciting an appropriate history and examination.</p> <p>PE 2.3: Counseling a parent with failing to thrive child.</p> <p>PE 2.4: Discuss the etiopathogenesis, clinical features and management of a child with short stature.</p> <p>PE 2.5: Assessment of a child with short stature: Elicit history, perform examination, document and present.</p>	<p>CP 1</p> <p>PE 2.1-2.5: FTT Short Stature</p>	<p>Approach to a case of FTT Short Stature:</p> <ul style="list-style-type: none"> • Discuss the etiopathogenesis, CF & management of a child who FTT. • Perform Developmental assessment & interpret the findings. • Counsel care taker/parent of FTT child. • Discuss the causes, CF & management of Short Stature. • Assess a child with Short Stature - Elicit history, perform general & systematic examination. • Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> • Observe the response & performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
2.	<p>PE 3.3: Assessment of a child with developmental delay (DD - Elicit document & present history)</p> <p>PE 3.4: Counsel a parent of a child with developmental delay.</p> <p>PE 3.5: Discuss the role of the child developmental unit in mgt of DD</p> <p>PE 3.8: Discuss the etiopathogenesis, clinical presentation & multi- disciplinary approach in the mgt. of Cerebral palsy.</p>	<p align="center">CP 2</p> <p align="center">PE 3.3-3.5,3.8:</p> <p align="center">Developmental Delay And Cerebral Palsy</p>	<p>Approach to a case of Developmental Delay; Cerebral Palsy:</p> <ul style="list-style-type: none"> Assess of a child with developmental delay - Elicit document & present history. Counsel parent/care taker of a child with DD. Discuss the approach to a child with DD. Discuss the causes, CF & multi- disciplinary approach in the mgt. of Cerebral palsy. Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe the response & performance. Assess the Logbook/ Portfolio. Validate the Logbook entry. Provide feedback.
3.	<p>PE 6.7: Describe the common mental health problems during adolescence.</p> <p>PE 6.8: Respecting patient privacy & maintaining confidentiality while dealing with adolescence.</p> <p>PE 6.9: Perform routine Adolescent Health checkup including eliciting history, performing exam. including SMR (Sexual Maturity Rating), growth assessments (using Growth charts) & systemic exam including thyroid & Breast exam & the HEADSS screening</p> <p>PE 6.11: Visit to the Adolescent Clinic</p>	<p align="center">CP 3</p> <p align="center">PE 6.7-6.9,6.11:</p> <p align="center">Adolescent Health</p>	<p>Adolescent Health:</p> <ul style="list-style-type: none"> Enumerate the common mental health problems during adolescence. Perform routine Adolescent Health checkup & elicit history while respecting patient privacy & maintaining confidentiality. Perform exam. including SMR growth assessments (using Growth charts) & systemic exam including thyroid & Breast exam & the HEADSS screening Visit to the Adolescent Clinic- Enlist supporting health programmes. Support provided in the clinic. Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> Observe & assess the response & performance. Assess the Logbook/ Portfolio. Validate the Logbook entry. Provide feedback.



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
4.	<p>PE 8.4: Elicit history on the Complementary Feeding habits.</p> <p>PE 8.5: Counsel and educate mothers on the best practices in Complementary Feeding.</p> <p>PE 9.4: Elicit document and present an appropriate nutritional history and perform a dietary recall</p> <p>PA 9.5: Calculate the age related calorie requirement in Health and Disease and identify gap</p> <p>PE 9.6: Assess and classify the nutrition status of infants, children and adolescents and recognize deviations</p> <p>PE 9.7: Plan an appropriate diet in health and disease.</p>	<p>CP 4</p> <p>PE 8.4, 8.5, 9.4-9.7: Complementary Feeding, Nutritional Calorie Requirement in Health & Disease</p>	<p>Complimentary Feeding:</p> <ul style="list-style-type: none"> Elicit History of Complementary Feeding. Elicit a nutritional history & perform a dietary recall. Calculate the age related calorie requirement & identify the gaps. Assess and classify the nutrition status of infants/ children/ adolescents and recognize deviations. Counsel and educate the care taker. Prepare a diet plan. Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe Presentation, Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
5.	<p>PE 10.3: Assessment of a patient with SAM and MAM, diagnosis, classification and planning management including hospital and community based intervention, rehabilitation and prevention</p> <p>PE 10.4: Identify children with under nutrition as per IMNCI criteria and plan referral.</p>	<p>CP 5</p> <p>PE 10.3-10.5: SAM & MAM</p>	<p>SAM AND MAM:</p> <ul style="list-style-type: none"> Perform an assessment of a child with SAM and MAM, diagnosis, classify. Prepare a Treatment plan involving the hospital and community based intervention, rehabilitation and prevention Identify under nutrition children as per IMNCI criteria & plan referral. 	<ul style="list-style-type: none"> Observe Presentation, Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	PE 10.5: Counsel parents of children with SAM and MAM		<ul style="list-style-type: none"> • Counsel parents of children with SAM and MAM • Document in the Logbook/Portfolio. 	
6.	<p>PE 11.3: Assessment of a child with obesity with regard to eliciting history including physical activity, charting and dietary recall</p> <p>PE 11.4: Examination including calculation of BMI, measurement of waist hip ratio, identifying external markers like acanthosis, striae, pseudogynaecomastia etc.</p> <p>PE 11.5: Calculate BMI, document in BMI chart and interpret.</p>	<p>CP 6</p> <p>PE 11.3 -11.5: Obesity</p>	<p>Obesity:</p> <ul style="list-style-type: none"> • Perform an assessment of a child with obesity- Elicit history including physical activity, charting&dietary recall. • Calculate BMI, measure waist hip ratio, identify external markers like acanthosis, striae, pseudogynaecomastia etc. • Interpret the results and prepare a Treatment plan • Counsel parents of children with obesity. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe Presentation, Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
7.	<p>PE 15.1: Discuss the fluid and electrolyte requirement in health and disease</p> <p>PE 15.2: Discuss the clinical features and complications of fluid and electrolyte imbalance and outline the management.</p> <p>PE 15.3: Calculate the fluid and electrolyte requirement in health</p> <p>PE 15.4: Interpret electrolyte report.</p> <p>PE 15.5: Calculate fluid and electrolyte imbalance</p>	<p>CP 7</p> <p>PE 15.3-15.7: Fluid and electrolyte requirement</p>	<p>Fluid and electrolyte requirement:</p> <ul style="list-style-type: none"> • Discuss the fluid & electrolyte requirement in health and disease • Calculate the fluid and electrolyte imbalance & interpret electrolyte report • Discuss the CF and complications of fluid and electrolyte imbalance and outline the management • Demonstrate the steps of inserting an IV cannula in a model • Demonstrate the steps of inserting an 	<ul style="list-style-type: none"> • Observe Presentation, Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	<p>PE 15.6: Demonstrate the steps of inserting an IV cannula in a model</p> <p>PE 15.7: Demonstrate the steps of inserting an interosseous line in a mannequin</p>		<p>interosseous line in a mannequin</p> <ul style="list-style-type: none"> • Document in the Logbook/Portfolio. 	
8.	<p>PE 19.7: Educate and counsel a patient for immunization.</p> <p>PE 19.10: Observe the handling and storing of vaccines.</p> <p>PE 19.11: Document Immunization in an immunization record</p> <p>PE 19.12: Observe the administration of UIP vaccines</p> <p>PE 19.13: Demon. the correct adm. of different vaccines in a mannequin</p> <p>PE 19.14: Practice Infection control measures & app. handling of the sharps</p>	<p>CP 8</p> <p>PE 19.7,19.10-19.14: Immunization</p>	<p>Immunization:</p> <ul style="list-style-type: none"> • Educate & counsel a parent for Immun. • Observe the handling & storing of vaccines. • Document Immun. in an immunization record • Observe the adm. of UIP vaccines • Demonstrate the correct administration of different vaccines in a mannequin. • Practice Infection control measures & appropriate handling of the sharps • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe Presentation, Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback
9.	<p>PE 20.3: Perform Neonatal resuscitation in a manikin</p> <p>PE 20.18: Identify and stratify risk in a sick neonate using IMNCI guidelines</p>	<p>CP 9</p> <p>PE 20.3, 20.18: Neonatal Resuscitation & Sick Neonate</p>	<p>Neonatal Resuscitation & Sick Neonate:</p> <ul style="list-style-type: none"> • Perform Neonatal resuscitation in a manikin. • Identify & stratify risk in a sick neonate using IMNCI guidelines • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe Presentation, Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
10.	<p>PE 21.8: Elicit, document: and present a history pertaining to diseases of the Genitourinary tract.</p> <p>PE 21.9: Identify external markers for Kidney disease, like Failing to thrive, hypertension, pallor, ichthyosis, and anasarca.</p> <p>PE 21.10: Analyze symptom and interpret the physical findings and arrive at an appropriate provisional / differential diagnosis</p> <p>PE 21.11: Perform and interpret the common analytes in a Urine examination</p> <p>PE 21.12: Interpret report of Plain X Ray of KUB</p> <p>PE 21.13: Enumerate the indications for and Interpret the written report of Ultra sonogram of KUB.</p> <p>PE 21.15: Discuss and enumerate the referral criteria for children with genitourinary disorder.</p>	<p>CP 10</p> <p>PE 21.8-21.13,21.15, 21.16: Genitourinary System</p>	<p>Genitourinary System:</p> <ul style="list-style-type: none"> • Elicit history pertaining to diseases of the Genitourinary tract • Enumerate external markers for Kidney disease, like Failing to thrive, HT, pallor, Ichthyosis, anasarca • Generate a DD analyzing symptom and interpreting the physical findings. • Perform and interpret the Urine examination, Plain X Ray of KUB, Ultra sonogram of KUB • Discuss and enumerate the referral criteria for children with genitourinary disorder. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the Presentation, Viva. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
11.	<p>PE 22.1: Enumerate the common Rheumatological problems in children. Discuss the clinical approach to recognition and referral of a child with Rheumatological problem.</p> <p>PE 22.2: Counsel a patient with Chronic illness PE 23.7:</p>	<p>CP 11 PE22.1,22.2: Rheumatological Disease</p>	<p>Rheumatological Disease:</p> <ul style="list-style-type: none"> Enumerate the common Rheumatological problems in children. Discuss the clinical approach to recognition and referral of a child with Rheumatological problem. Counsel a patient with chronic illness disorder. Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe the Presentation, Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
12.	<p>PE 23.7: Elicit appropriate history for a cardiac disease, analyse the symptoms e.g. breathlessness, chest pain, tachycardia, feeding difficulty, failing to thrive, reduced urinary output, swelling, syncope, cyanotic spells, Suck rest cycle, frontal swelling in infants. Document and present.</p> <p>PE 23.8: Identify external markers of a cardiac disease e.g. Cyanosis, Clubbing, dependent edema, dental caries, arthritis, erythema rash, chorea, subcutaneous nodules, Osler's node, Janeway lesions and document</p>	<p>CP 12 PE 23.7, 23.8: Cardiovascular System [History & External Markers]</p>	<p>Cardiovascular System:</p> <ul style="list-style-type: none"> Enumerate the symptoms of cardiac disease Elicit appropriate history for a cardiac disease, analyze & interpret the cardiac symptoms. Identify external markers of a cardiac disease and document Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe the Presentation, Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
13.	<p>PE 23.10: Perform independently examination of the cardiovascular system – look for precordial bulge, pulsations in the precordium, JVP and its significance in children and infants, relevance of percussion in Pediatric examination, Auscultation and other system examination and document</p> <p>PE 23.11: Develop a treatment plan and prescribe appropriate drugs including fluids in cardiac diseases, anti -failure drugs, and inotropic agents.</p>	<p>CP 13 PE 23.10, 23.11: CVS [Examination & Treatment]</p>	<p>CVS [Examination & Treatment]:</p> <ul style="list-style-type: none"> Independently examine CVS in children and infants – look for precordial bulge, pulsations in the precordium, JVP and its significance. Percussion in Pediatric examination, Auscultation and other system examination and document Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe the response & performance. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.
14.	<p>PE 23.12: Interpret a chest X ray and recognize Cardiomegaly.</p> <p>PE 23.13: Choose and Interpret blood reports in Cardiac illness</p> <p>PE 23.14: Interpret Pediatric ECG</p> <p>PE 23.15: Use the ECHO reports in management of cases</p>	<p>CP 14 PE 23.12-23.15: Chest X ray , Blood Report, ECG &ECHO</p>	<p>Investigation in CVS- Chest X Ray , Blood Report, ECG &ECHO]:</p> <ul style="list-style-type: none"> Identify cardiac illness through X- Ray, Blood reports. Enumerate cardiac findings in the blood reports, Paediatric ECG, ECHO Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe the Presentation, Viva. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback
15.	<p>PE 24.9: Elicit, document and present history pertaining to diarrheal diseases.</p> <p>PE 24.10: Assess for signs of dehydration, document and present</p> <p>PE 24.11: Apply the</p>	<p>CP 15 PE 24.9- 23.14: Diarrheal Disease</p>	<p>Diarrheal Disease:</p> <ul style="list-style-type: none"> Elicit, document and present history pertaining to diarrheal diseases Assess for signs of dehydration.. Discuss the IMNCI 	<ul style="list-style-type: none"> Observe the response & performance. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	<p>IMNCI guidelines in risk stratification of children with diarrheal dehydration and refer.</p> <p>PE 24.12: Perform and interpret stool examination including Hanging Drop</p> <p>PE 24.13: Interpret RFT and electrolyte report.</p> <p>PE 24.14: Plan fluid management as per the WHO criteria.</p>		<p>guidelines in risk stratification of children with diarrheal dehydration and refer.</p> <ul style="list-style-type: none"> • Enumerate/Demonstrate steps to do hanging drop stool examination. • Discuss results of RFT & electrolyte report to support diagnosis. • Discuss fluid management as per WHO. • Document in the Logbook/Portfolio. 	
16.	<p>PE 26.5: Elicit document and present the history related to diseases of Gastrointestinal system</p> <p>PE 26.6: Identify external markers for GI and Liver disorders e.g.. Jaundice, Pallor, Gynaecomastia, Spider angioma, Palmar erythema, Ichthyosis, Caput medusa, Clubbing, Failing to thrive, Vitamin A and D deficiency.</p> <p>PE 26.7: Perform examination of the abdomen, demonstrate organomegaly, ascites etc.</p> <p>PE 26.8: Analyse symptoms and interpret physical signs to make a</p>	<p>CP 16</p> <p>PE 26.5-26.13: GI System [History & Examination]</p>	<p>GI System [History And Examination]:</p> <ul style="list-style-type: none"> • Elicit history related to diseases of GI system • Identify external markers for GI and Liver disorders. • Perform abdominal examination to rule out organomegaly, ascites • Generate a DD based on analysis of symptoms and interpretation of physical signs. • Interpret LFT, viral markers, USG report • Enumerate indications for liver biopsy & Upper GI endoscopy. • Counsel and educate patients and their family appropriately on liver diseases. • Discuss Universal precautions & immunization to prevent Hep B. • Document in the 	<ul style="list-style-type: none"> • Observe the response & performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	provisional/ differential diagnosis PE 26.9: Interpret Liver Function Tests, viral markers, ultra sonogram report PE 26.10: Demonstrate the technique of liver biopsy in a Perform Liver Biopsy in a simulated environment. PE 26.11: Enumerate the indications for Upper GI endoscopy. PE 26.12: Discuss the prevention of Hep B infection – Universal precautions and Immunization PE 26.13: Counsel and educate patients and their family appropriately on liver diseases.		Logbook/Portfolio.	
17.	PE 27.14: Assess emergency signs and prioritize. PE 27.15: Assess airway and breathing: recognize signs of severe respiratory distress. Check for cyanosis, severe chest in-drawing, grunting. PE 27.16: Assess airway and breathing. Demonstrate the method of positioning of an infant & child to open airway i n a simulated environment.	CP 17 PE 27.14- 27.22: Paediatric Emergency	Paediatric Emergency: <ul style="list-style-type: none"> Enumerate the emergency signs in a Paediatric patient and prioritize Demonstrate how to assess airway and breathing: Enumerate signs of severe respiratory distress. Demonstrate the method of positioning of an infant & child to open airway i n a simulated environment Administer oxygen using correct technique 	<ul style="list-style-type: none"> Observe the response & performance. Assess the Logbook/ Portfolio. Validate the Logbook entry. Provide feedback.



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	<p>PE 27.17: Assess airway and breathing: administer oxygen using correct technique and appropriate flow rate</p> <p>PE 27.18: Assess airway and breathing: perform assisted ventilation by Bag and mask in a simulated environment.</p> <p>PE 27.19: Check for signs of shock i.e. pulse, Blood pressure, CRT</p> <p>PE 27.20: Secure an IV access in a simulated environment</p> <p>PE 27.21: Choose the type of fluid and calculate the fluid requirement in shock</p> <p>PE 27.22: Assess level of consciousness & provide emergency treatment to a child with convulsions/ coma</p> <p>- Position an unconscious child</p> <p>- Position a child with suspected trauma</p> <p>- Administer IV/per rectal Diazepam for a convulsing child in a simulated environment.</p>		<p>and appropriate flow rate</p> <ul style="list-style-type: none"> • Perform assisted ventilation by Bag and mask in a simulated environment • Enumerate signs of shock i.e. pulse, Blood pressure, CRT • Secure an IV access in a simulated environment. • Choose the type of fluid and calculate the fluid requirement in shock • Assess level of consciousness & provide emergency treatment to a child with convulsions/ coma <ul style="list-style-type: none"> - Position an unconscious child - Position a child with suspected trauma - Administer IV/per rectal Diazepam for a convulsing child in a simulated environment • Document in the Logbook/Portfolio. 	



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S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
18.	<p>PE 27.30: Demonstrate confidentiality with regard to abuse.</p> <p>PE 27.31: Assess child for signs of abuse</p> <p>PE 27.32: Counsel parents of dangerously ill / terminally ill child to break a bad news</p> <p>PE 27.33: Obtain Informed Consent</p>	<p>CP 18</p> <p>PE 27.30 - 27.33: Abuse</p>	<p>Paediatric Abuse:</p> <ul style="list-style-type: none"> • Assess child for signs of abuse • Demonstrate confidentiality with regard to abuse • Counsel parents of dangerously ill / terminally ill child to break a bad news • Obtain Informed Consent • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response & performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
19.	<p>PE 28.15: Stratify risk in children with stridor using IMNCI guidelines</p> <p>PE 28.15: Interpret blood tests relevant to upper respiratory problems</p> <p>PE 28.16: Interpret X-ray of the paranasal sinuses and mastoid; and /or use written report in case of management</p> <p>PE 28.17: Interpret CXR in foreign body aspiration and lower respiratory tract infection, understand the significance of thymic shadow in pediatric chest X-rays.</p> <p>PE 28.18: Describe the etiopathogenesis, diagnosis, clinical features, management and prevention of lower respiratory infections including</p>	<p>CP 19</p> <p>PE 28.15 - 28.18: LRTI , Stridor</p>	<p>LRTI , Stridor:</p> <ul style="list-style-type: none"> • Stratify risk in children with stridor using IMNCI guidelines • Interpret blood tests relevant to URTI. • Interpret X-ray of the paranasal sinuses and mastoid; • Interpret CXR in foreign body aspiration and LRTI, discuss the significance of thymic shadow in pediatric chest X-rays • Discuss the causes, diagnosis, CF management and prevention of LRTI including bronchiolitis, wheeze associated LRTI Pneumonia and empyema • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response & performance. • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



RAMA MEDICAL COLLEGE HOSPITAL & RESEARCH CENTRE, HAPUR

Phase III Part-2 Clinical Posting (2019 Batch)

S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	bronchiolitis, wheeze associated LRTI Pneumonia and empyema			
20.	<p>PE 29.10: Elicit, document and present the history related to Hematology.</p> <p>PE 29.11: Identify external markers for hematological disorders e.g. Jaundice, Pallor, Petechiae purpura, Ecchymosis, Lymphadenopathy, bone tenderness, loss of weight, Mucosal and large joint bleed</p> <p>PE 29.12: Perform examination of the abdomen, demonstrate organomegaly.</p>	<p>CP 20</p> <p>PE 29.10- 29.12: Hematology</p>	<p>Hematology:</p> <ul style="list-style-type: none"> Elicit, document and present the history related to Hematology Enumerate external markers for hematological disorders Perform examination of the abdomen, demonstrate organomegaly Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe the response & performance. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.
21.	<p>PE 30.17: Elicit document and present an age appropriate history pertaining to the CNS.</p> <p>PE 30.18: Demo. the correct method for physical examination of CNS including identification of external markers. Document and present clinical findings</p>	<p>CP 21</p> <p>PE 30.17, 30.18: CNS [History & Examination]</p>	<p>CNS[History & Examination]:</p> <ul style="list-style-type: none"> Elicit document and present an age appropriate history pertaining to the CNS Demonstrate the correct method for physical examination of CNS including identification of external markers. Document and present clinical findings Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe the response & performance. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
22.	<p>PE 30.21: Enumerate the indication and discuss the limitations of EEG, CT & MRI.</p> <p>PE 30.22: Interpret the reports of EEG, CT, and MRI.</p> <p>PE 30.23: Perform in a mannequin lumbar puncture. Discuss the indications, contraindication of the procedure</p>	<p>CP 22</p> <p>PE 30.21- 30.23: Investigations in CNS</p>	<p>Investigations in CNS:</p> <ul style="list-style-type: none"> Enumerate the indication and discuss the limitations of EEG, CT, MRI Interpret the reports of EEG, CT, MRI Perform in a mannequin lumbar puncture. Discuss the indications, contraindication of the procedure Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe the response & performance. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.
23.	<p>PE 33.1: Describe the etiopathogenesis clinical features, management of Hypothyroidism in children</p> <p>PE 33.2: Recognize the clinical signs of Hypothyroidism and refer</p> <p>PE 33.3: Interpret and explain neonatal thyroid screening report</p> <p>PE 33.4: Discuss the etiopathogenesis, clinical types, presentations, complication and management of Diabetes mellitus in children</p> <p>PE 33.5: Interpret Blood sugar reports and explain the diagnostic criteria for Type 1 Diabetes</p> <p>PE 33.6: Perform and interpret Urine Dip</p>	<p>CP 23</p> <p>PE 33.1-33.11: Endocrine disorders, Puberty</p>	<p>Endocrine disorders, Puberty:</p> <ul style="list-style-type: none"> Discuss the etiopathogenesis, CF, management of Hypothyroidism in children. Neonatal thyroid screening-Indications, interpret results. Discuss the etiopathogenesis, clinical presentations, complication and management of Diabetes mellitus in children Interpret Blood sugar reports and explain the diagnostic criteria for Type 1 Diabetes Perform and interpret Urine Dip Stick for Sugar Define precocious and delayed Puberty enumerate signs to recognize them. Perform genital 	<ul style="list-style-type: none"> Observe the response & performance. Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.



RAMA MEDICAL COLLEGE HOSPITAL & RESEARCH CENTRE, HAPUR

Phase III Part-2 Clinical Posting (2019 Batch)

S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	<p>Stick for Sugar</p> <p>PE 33.7: Perform genital examination and recognize Ambiguous Genitalia and refer appropriately</p> <p>PE 33.8: Define precocious and delayed Puberty</p> <p>PE 33.9: Perform Sexual Maturity Rating (SMR) and interpret</p> <p>PE 33.10: Recognize precocious and delayed Puberty and refer</p> <p>PE 33.11: Identify deviations in growth and plan appropriate referral</p>		<p>examination and recognize Ambiguous Genitalia..</p> <ul style="list-style-type: none"> • Perform Sexual Maturity Rating (SMR) and interpret • Identify deviations in growth and plan appropriate referral. • Document in the Logbook/Portfolio. 	
24.	Ward Leaving Assessment			



5. Clinical Posting Classes for Phase-III Part 2 (2019-20 Batch):

Orthopedics including Trauma

Each group is posted for **2 weeks in Orthopedics including Trauma from Monday to Saturday (10 am to 1 pm)**. The students may be posted in rotation in the **OPD, Ward, Operation Theatre & Special clinic** according to the unit/units in the department. Faculty in charge for teaching will facilitate the Clinical Posting of students as follows:

Orthopedics

Week	Day	Faculty
Week 1 to Week 4	Mon	Faculty-in-Charge as decided by the HoD
	Tue	
	Wed	
	Thurs	
	Fri	
	Sat	

Faculty to ensure that the students take proper precautions to prevent Covid-19 as per the periodic government instructions. The following competencies may be imparted to the students posted according to the availability of patients:

S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
1.	OR 2.16: 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	CP 1 OR 2.16: Open Fractures- Management; Prevention of Secondary infection & its Management	Open Fractures: <ul style="list-style-type: none"> Describe & discuss the mechanism of injury, CF investigations and principles of management. Discuss prevention and management of secondary infection. Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe & assess the response; Viva Assess the Logbook/ Portfolio. Validate the Logbook entry. Provide feedback.
2.	OR 3.1: 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	CP 2 OR3.1 : Clinical features & Management of Bone & Joint infections: a) Acute Osteomyelitis, b) Subacute osteomyelitis, c) Acute Suppurative arthritis, d) Septic arthritis & HIV infection,	Bone & Joint infections: <ul style="list-style-type: none"> Describe and discuss the aetiopathogenesis, CF, investigations and principles of management of : a. Acute Osteomyelitis b. Subacute OM c. Acute Suppurative arthritis d. Septic arthritis & 	<ul style="list-style-type: none"> Observe & assess the response; Viva Assess the Logbook/ Portfolio. Validate the Logbook entry. Provide feedback.



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	d) Septic arthritis & HIV infection e) Spirochaetal infection f) Skeletal Tuberculosis	e) Spirochaetal infection, f) Skeletal Tuberculosis	HIV infection e. Spirochaetal infection f. Skeletal Tuberculosis. • Document in the Logbook/Portfolio.	
3.	OR 5.1: Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of various inflammatory disorder of joints	CP3 OR 5.1: Rheumatoid Arthritis and associated inflammatory disorders	Rheumatoid Arthritis & associated inflammatory disorders: • Enumerate various inflammatory disorder of joints. • Describe and discuss the aetiopathogenesis, CF, investigations and principles of management of • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe & assess the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
4.	OR 6.1: Describe and discuss the clinical features, investigations and principles of management of degenerative condition of spine (Cervical Spondylosis, Lumbar Spondylosis, PID)	CP4 OR 6.1: Degenerative Disorder	Degenerative Disorder: • Enumerate various inflammatory disorder of joints. • Describe and discuss the causes, CF, investigations & principles of management of inflammatory disorder of joints including degenerative disorders. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe & assess the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
5.	OR 7.1: Describe and discuss the aetiopathogenesis, clinical features, investigation and principles of management of metabolic bone disorders in particular osteoporosis, osteomalacia, rickets, Paget's disease.	CP5 OR7.1: Metabolic bone disorders	Metabolic bone disorders: <ul style="list-style-type: none"> Describe and discuss the causes, CF, investigation and principles of management of metabolic bone disorders in particular osteoporosis, osteomalacia, rickets, Paget's disease. Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe & assess the response; Viva Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.
6.	OR 8.1: Describe and discuss the aetiopathogenesis, clinical features, assessment & principles of management a patient with Post-Polio Residual Paralysis.	CP6 OR8.1: Post-Polio Residual Paralysis	Post-Polio Residual Paralysis: <ul style="list-style-type: none"> Describe & discuss the aetiopathogenesis, CF, assessment & principles of management a patient with Post-Polio Residual Paralysis. Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe & assess the response; Viva Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.
7.	OR 9.1: Describe and discuss the aetiopathogenesis, clinical features, assessment and principles of management of Cerebral palsy patient.	CP7 OR 9.1: Cerebral palsy	Cerebral palsy: <ul style="list-style-type: none"> Enumerate the causes of Cerebral palsy. Discuss the CF, assessment and principles of management of Cerebral palsy patient. Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe & assess the response; Viva Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
8.	OR 10.1: Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of benign and malignant bone tumours and pathological fractures.	CP 8 OR10.1: Benign & Malignant Bone Tumours & Pathological fracture	Benign & Malignant Bone Tumours & Pathological fracture: <ul style="list-style-type: none"> Enumerate causes benign and malignant bone tumours. Discuss the CF, investigations & principles of management of benign and malignant bone tumours & pathological fractures Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe & assess the response; Viva Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.
9.	OR 11.1: Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of peripheral nerve injuries in diseases like foot drop, wrist drop, claw hand, palsies of Radial, Ulnar, Median, Lateral Popliteal and Sciatic Nerves.	CP 9 OR 11.1: Peripheral nerve injuries	Peripheral nerve injuries: <ul style="list-style-type: none"> Enumerate the types of peripheral injuries. Describe & discuss the aetiopathogenesis, CF, investigations and principles of management of peripheral nerve injuries in diseases like foot drop, wrist drop, and claw hand, palsies of Radial, Ulnar, Median, Lateral Popliteal and Sciatic Nerves. Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> Observe & assess the response; Viva Assess the Logbook/Portfolio. Validate the Logbook entry. Provide feedback.



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
10.	OR 12.1: Describe and discuss the clinical features, investigations and principles of management of Congenital and acquired malformations and deformities of: a. limbs and spine - Scoliosis and spinal bifida b. Congenital dislocation of Hip, Torticollis, c. congenital talipes equino varus.	CP10 OR12.1: Congenital lesions	Congenital lesions: • Enumerate types of Congenital & acquired malformations & deformities of a. limbs and spine. • Describe & discuss the CF investigations & principles of mgt. of the above: a. limbs & spine: Scoliosis & spinal bifida b. Congenital dislocation of Hip, Torticollis, c. Congenital talipes equino varus. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe & assess the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
11.	OR 13.1: Participate in a team for procedures in patients and demonstrating the ability to perform on mannequins / simulated patients in the following: i. Above elbow plaster ii. Below knee plaster iii. Above knee plaster iv. Thomas splint v. splinting for long bone fractures vi. Strapping for shoulder and clavicle trauma	CP11 OR13.1: Perform Plastering, Splinting & Strapping	Perform Plastering, Splinting & Strapping: • Participate in a team for procedures in patients & demonstrating the ability to perform on mannequins / simulated patients in the following: i. Above elbow plaster ii. Below knee plaster iii. Above knee plaster iv. Thomas splint v. splinting for long bone fractures • vi. Strapping for shoulder & clavicle trauma • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe & assess the response; Viva • Assess the Logbook/Portfolio. • Validate the Logbook entry. • Provide feedback.
12.	Ward Leaving Assessment			



6. Clinical Posting Classes for Phase-III Part 2 (2019-20 Batch):

Dermatology, Venereology & Leprosy

Each group is posted for **2 weeks in Dermatology, Venereology & Leprosy, from Mon to Sat (10 am to 1 pm)**. The students may be **posted in rotation in the OPD, Ward & Special clinic** according to the unit/units in the department. Faculty in charge for teaching will facilitate the Clinical Posting of students as follows:

Dermatology

Week	Day	Faculty
Week 1 to Week 4	Mon	Faculty-in-Charge as decided by the HoD
	Tue	
	Wed	
	Thurs	
	Fri	
	Sat	

Faculty to ensure that the students take proper precautions to prevent Covid-19 as per the periodic government instructions. The following competencies may be imparted to the students posted according to the availability of patients:

S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
1.	DR 1.1: Enumerate the causative & risk factors of acne DR 1.2: Identify & grade the various common types- acne. DR 1.3: Describe the treatment & preventive measures for various kinds of acne.	CP 1 DR 1.1-1.3: Acne	Acne: • Enumerate the causative & risk factors of acne • Identify & grade the various common types of acne. • Describe the treatment & preventive measures for various kinds of acne. • Document in the Logbook/Portfolio	• Observe the response • Assess the Logbook/Portfolio • Validate the Logbook entry • Provide feedback
2.	DR2.1: Identify and differentiate vitiligo from other causes of hypopigmented lesions DR2.2: Describe the treatment of vitiligo	CP 2 DR 2.1, 2.2: Etiopathogenesis & classification of vitiligo	Vitiligo: • Identify and differentiate vitiligo from other causes of hypo pigmented lesions • Describe the treatment of vitiligo Document in the Logbook/Portfolio	• Observe the response • Assess the Logbook/Portfolio • Validate the Logbook entry • Provide feedback



RAMA MEDICAL COLLEGE HOSPITAL & RESEARCH CENTRE, HAPUR

Phase III Part-2 Clinical Posting (2019 Batch)

S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
3.	<p>DR3.1: Identify and distinguish psoriatic lesions from other causes</p> <p>DR3.2: Demonstrate the grattage test</p> <p>DR3.3: Enumerate the indications for and describe the various modalities of treatment of psoriasis including topical, systemic and phototherapy</p>	<p>CP 3</p> <p>DR 3.1-3.3: Papulosquamous disorders</p>	<p>Papulosquamous disorders:</p> <ul style="list-style-type: none"> • Identify and distinguish psoriatic lesions from other causes • Demonstrate the grattage test • Enumerate the indications for and describe the various modalities of treatment of psoriasis including topical, systemic and phototherapy • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response • Assess the Logbook/Portfolio • Validate the Logbook entry • Provide feedback
4.	<p>DR8.1: Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of common viral infections of the skin in adults and children</p> <p>DR8.2: Identify and distinguish herpes simplex and herpes labialis from other skin lesions</p>	<p>CP 4</p> <p>DR 8.1, 8.2: Viral Infections (VI-IM, HI-IM)</p>	<p>Viral Infections:</p> <ul style="list-style-type: none"> • 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. • Document in the Logbook/Portfolio. 	<ul style="list-style-type: none"> • Observe the response • Assess the Logbook/Portfolio • Validate the Logbook entry • Provide feedback
5.	<p>DR9.1: Classify, describe the epidemiology, etiology, microbiology, pathogenesis, clinical presentations and diagnostic features of Leprosy</p> <p>DR9.2: Demonstrate (and classify based on) the clinical features of leprosy</p>	<p>CP5</p> <p>DR 9.1, 9.2: Hansen's disease (HI-IM)</p>	<p>Hansen's disease:</p> <ul style="list-style-type: none"> • Classify, describe the epidemiology, etiology, microbiology, pathogenesis, clinical presentations and diagnostic features of Leprosy. • Demonstrate (and classify based on) the clinical features of leprosy including an appropriate neurologic 	<ul style="list-style-type: none"> • Observe the response • Assess the Logbook/Portfolio • Validate the Logbook entry • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	including an appropriate neurologic examination DR9.3: Enumerate the indications and observe the performance of a slit skin smear in patients with leprosy.		examination • Enumerate the indications and observe the performance of a slit skin smear in patients with leprosy. • Document in the Logbook/Portfolio	
6.	DR10.1: Identify and classify syphilis based on the presentation and clinical manifestations DR10.2: Identify spirochete in a dark ground microscopy	CP 6 DR 10.1-10.2: Syphilis (VI-CM, HI-IM, OG)	Syphilis- Identify: • Identify and classify syphilis based on the presentation and clinical manifestations • Identify spirochete in a dark ground microscopy • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the response • Assess the Logbook/Portfolio • Validate the Logbook entry • Provide feedback
7.	DR10.3: Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for syphilis DR10.4: Describe the prevention of congenital syphilis DR10.5: Counsel in a non-judgmental and empathetic manner patients on prevention of STD	CP 7 DR 10.3-10.5: Syphilis (VI-CM, HI-IM, OG)	Syphilis-Indications & Management: • Enumerate the indications • Describe the pharmacology, administration & adverse reaction of pharmacotherapies • Describe the prevention of congenital syphilis • Counsel in a non-judgmental & empathetic manner patient on prevention of STD. • Document in the Logbook/Portfolio.	<ul style="list-style-type: none"> • Observe the response • Assess the Logbook/Portfolio • Validate the Logbook entry • Provide feedback
8.	DR13.1: Distinguish bulla from vesicles DR13.2: Demonstrate the Tzanck test, nikolsky sign and bulla spread sign	CP 8: DR 13.1-13.3: Vesicubullous Lesions	Vesicubullous Lesions: • Distinguish bulla from vesicles • Demonstrate the Tzanck test, nikolsky sign and bulla spread sign • Calculate the body	<ul style="list-style-type: none"> • Observe the response • Assess the Logbook/Portfolio • Validate the Logbook entry • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
	DR13.3: Calculate the body surface area of involvement of vesiculobullous lesions.		surface area of involvement of vesiculobullous lesions • Document in the Logbook/Portfolio	
9.	DR14.1: Describe the etiology, pathogenesis and clinical precipitating features and classification of Urticaria and angioedema DR14.2: Identify and distinguish urticarial from other skin lesions DR14.3: Demonstrate dermographism DR14.4: Identify and distinguish angioedema from other skin lesions DR14.5: Enumerate the indications and describe the pharmacology indications and adverse reactions of drugs used in the urticaria and angioedema	CP 9 DR 14.1-14.5: Urticaria & Angioedema	Urticaria & Angioedema: • Describe the etiology, pathogenesis and clinical precipitating features and classification. • Identify and distinguish urticarial from other skin lesions • Demonstrate dermographism • Identify and distinguish angioedema from other skin lesions • Enumerate the indications and describe the pharmacology indications and adverse reactions of drugs used in the urticaria and angioedema • Document in the Logbook/Portfolio	• Observe the response • Assess the Logbook/Portfolio • Validate the Logbook entry • Provide feedback



S.No.	Competency	Clinical Posting	Activity by learner	Formative Assessment by Faculty
10.	DR 17.1: Enumerate and identify the cutaneous findings in vitamin A deficiency DR 17.2: Enumerate and describe the various skin changes in Vitamin B complex deficiency DR 17.3: Enumerate and describe the various changes in Vitamin C deficiency DR 17.4: Enumerate and describe the various changes in Zinc deficiency	CP10 DR17.1-17.4: Cutaneous manifestation of nutritional deficiency- Vit A, Vit C & Zinc	Nutritional deficiency: <ul style="list-style-type: none"> Enumerate and identify the cutaneous findings in vitamin A deficiency Enumerate and describe the various skin changes in Vitamin B complex deficiency Enumerate and describe the various changes in Vitamin C deficiency Enumerate and describe the various changes in Zinc deficiency Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> Observe the response Assess the Logbook/Portfolio Validate the Logbook entry Provide feedback
11.	DR 18.1: Enumerate the cutaneous features of Type 2 diabetes DR 18.2: Enumerate the cutaneous features of hypo/hyper-thyroidism	CP11 DR 18.1,18.2: Cutaneous manifestation in Type 2 diabetes & hypo/hyper-thyroidism	Cutaneous manifestation in Type 2 diabetes & hypo/hyper-thyroidism: <ul style="list-style-type: none"> Enumerate cutaneous manifestation in Type 2 diabetes. Enumerate cutaneous manifestation in hypo/hyper-thyroidism. Document in the Logbook/Portfolio 	<ul style="list-style-type: none"> Observe the response Assess the Logbook/Portfolio Validate the Logbook entry Provide feedback
12.	Ward Leaving Assessment			