

OBSTETRICS & GYNECOLOGY (CODE: OG)

Number	COMPETENCY student should be able to:	The	Domain K/S/A/C	Level K/KH/SH/P	Core (Y/N)	Objectives	Date	Time	Suggested Teaching Learning method	Suggested Assessment method	Number required to certify P	Vertical Integration
OBSTETRICS & GYNAECOLOGY												
Topic: Demographic and Vital Statistics			Number of competencies: (03)				Number of procedures that require certification : (NIL)					
OG1.1	Define and discuss birth rate, maternal mortality and morbidity		K	KH	Y	a) At the end of the session, phase III part 1 students should be able to define birth rate, maternal mortality and morbidity. b) At the end of the session, phase III part 1 students should be able to differentiate between maternal mortality rate and ratio c) At the end of the session ,phase III part 1 students should be able to list the causes for maternal mortality and morbidity d) At the end of the session, phase III part 1 students should be able to discuss about the steps to reduce the maternal mortality and morbidity	06.10.2021 01.10.2021	8.30-9.30 2.30-4.30	Lecture, Small group discussion	Short notes		Community Medicine

OG1.2	Define and discuss perinatal mortality and morbidity including perinatal and neonatal mortality and morbidity audit	K	KH	Y	<p>a) At the end of the session, phase III part 1 students should be able to define and discuss perinatal mortality and morbidity including perinatal and neonatal mortality and morbidity audit.</p> <p>b) At the end of the session, phase III part 1 students should be able to define perinatal mortality and neonate mortality.</p> <p>c) At the end of the session, phase III part 1 students should be able to discuss the most common causes for neonate and perinatal mortality.</p> <p>d) At the end of the session, phase III part 1 students should be able to discuss about the pre-disposing factors for perinatal mortality and morbidity.</p> <p>e) At the end of the session, phase III part 1 students should be able to discuss about the prevention and steps to reduce the perinatal mortality and morbidity.</p>			Lecture, Small group discussion	Short notes		Community Medicine
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OG1.3	Define and discuss still birth and abortion				<p>At the end of the session, students should be</p> <p>a) At the end of the session, phase III part 1 students should be able to define still birth and abortions.</p> <p>b) At the end of the session, phase III part 1 students should be able to discuss different types of abortions.</p> <p>c) At the end of the session, phase III part 1 students should be able to list the causes for still birth and abortions.</p>			Lecture, Small group discussion	Short notes		Forensic Medicine & Toxicology
Topic: Anatomy of the female reproductive tract (Basic anatomy and embryology)											
		Number of competencies: (01)					Number of procedures that require certification : (NIL)				

OG2.1	Describe and discuss the development and anatomy of the female reproductive tract, relationship to other pelvic organs, applied anatomy as related to Obstetrics and Gynaecology.	K	KH	Y	<p>a) At the end of the session phase II students should be able to describe and discuss the development of female reproductive tract (embryology)</p> <p>b) At the end of the session phase II students should be able to discuss about the anatomy of female reproductive tract</p> <p>c) At the end of the session phase II students should be able to discuss about the changes in the anatomy of the female reproductive tract during pregnancy</p> <p>d) At the end of the session phase II students should be able to discuss about the relationship of uterus and adnexa to other pelvic organs</p> <p>e) At the end of the session phase II students should be able to discuss about the anatomy of maternal pelvis and different pelvic configurations</p> <p>f) At the end of the session phase II students should be able to discuss about the applied anatomy of female reproductive tract</p> <p>g) At the end of the session phase II students should be able to discuss about the structures which are cut during episiotomy</p>	05.03.2021 03.01.2023	8.30 - 9.30	Lecture, Small group discussion	Theory/ Skill station		Human Anatomy
Topic: Physiology of conception		Number of competencies: (01)			Number of procedures that require certification : (NIL)						

OG3.1	Describe the physiology of ovulation, menstruation, fertilization, implantation and gametogenesis.	K	K	Y	<p>a) At the end of the session phase II students should be able to describe physiology of ovulation,</p> <p>b) At the end of the session phase II students should be able to describe physiology of menstruation and different phases of menstrual cycle</p> <p>c) At the end of the session phase III part 1 students should be able to discuss about the steps of male and female gametogenesis</p> <p>d) At the end of the session phase III part 1 students should be able to discuss about the safe and unsafe period during the menstrual cycle.</p> <p>e) At the end of the session phase III part 1 students should be able to discuss about the fertilization and implantation of the fertilized ovum</p>	12.03.2021 19.03.2021 08.10.2021	8.30-9.30 8.30-9.30 2.30-4.30	Lecture, seminars	Theory		Physiology
Topic: Development of the fetus and the placenta		Number of competencies: (01)				Number of procedures that require certification : (NIL)					

OG4.1	Describe and discuss the basic embryology of fetus, factors influencing fetal growth and development, anatomy and physiology of placenta, and teratogenesis				<p>a) At the end of the session phase II students should be able to discuss about the development of embryo and organogenesis</p> <p>b) At the end of the session phase II students should be able to discuss about the factors influencing fetal growth and development</p> <p>c) At the end of the session phase II students should be able to discuss about the development of fetal organ systems</p> <p>d) At the end of the session phase II students should be able to discuss about the fetal circulation and the changes in the circulation at birth</p> <p>e) At the end of the session phase II students should be able to discuss about the organ systems developing from the layers of the embryo</p> <p>f) At the end of the session phase III part 1 students should be able to discuss about the development and structures of placenta</p> <p>g) At the end of the session phase III part 1 students should be able to discuss about the anatomy and physiology of the placenta</p> <p>h) At the end of the session phase III part 1 students should be able to discuss</p>	<p>26.03.2021 8.30-9.30</p> <p>02.04.2021 8.30-9.30</p> <p>15.10.2021 2.30-4.30</p> <p>06.01.2023 9.30-10.30</p> <p>27.01.2023 9.30-10.30</p> <p>03.02.2023 9.30-10.30</p>	Lecture, Small group discussion	Theory		Human Anatomy
Number	COMPETENCY The student should be able to:	Domain K/S/A/C	Level K/KH/ SH/P	Core (Y/N)			Suggested Teaching Learning method	Suggested Assessment method	Number required to certify P	Vertical Integration
Topic: Preconception counselling			Number of competencies:(02)			Number of procedures that require certification : (NIL)				

OG5.1	Describe, discuss and identify pre-existing medical disorders and discuss their management; discuss evidence-based intrapartum care	K/S	SH	Y	<p>a) At the end of the session, phase 3 part 1 student must be able to identify and list out high risk pregnancies that are complicated by pre-existing medical disorders.</p> <p>b) At the end of the session, phase 3 part 2 student must be able to describe the pathology and the effect of various medical disorders on antenatal mother and her foetus.</p> <p>c) At the end of the session, phase 3 part 2 student must be able to discuss regarding the management of pre existing medical disorders in periconceptional, antenatal periods and the care during the intrapartum period.</p> <p>d) At the end of the session, phase 3 part 2 student must be able to give prepregnancy counselling for a women with medical disorder</p> <p>e) At the end of the session, phase 3 part 2 student must be able to discuss regarding pregnancy management with thyroid disorder complicating pregnancy</p> <p>f) At the end of the session, phase 3 part 2 student must be able to discuss regarding pregnancy management with respiratory disorder complicating pregnancy</p>	13.10.2021 04.01.2023 10.02.2023 17.02.2023 17.05.2023	8.30-9.30 8.30-9.30 9.30-10.30 9.30-10.30 2.30-4.30	Lecture, Bedside clinics	Theory/ clinical assessment		
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OG5.2	Determine maternal high risk factors and verify immunization status	K/S	SH	Y	<p>a) At the end of the session, phase 3 part 1 student must be able to identify maternal high risk factors that can affect woman during the pregnancy and in intrapartum period.</p> <p>b) At the end of the session, phase 3 part 2 student must be able to define and verify the immunisation status of the woman for various diseases that can affect the pregnancy and its outcome.</p>			Lecture, Bedside clinics	Theory/ clinical assessment		
Topic: Diagnosis of pregnancy		Number of competencies:(01)			Number of procedures that require certification : (NIL)						

OG6.1	Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy tests.	S	SH	Y	<p>a) At the end of the session, phase 2 students must be able to describe and discuss the clinical features of pregnancy.</p> <p>b) At the end of the session, phase 2 students must be able to list out the differential diagnoses of normal pregnancy, derive and elaborate the differentiating features of each condition from normal pregnancy.</p> <p>c) At the end of the session, phase 2 students must be able to list out the tests carried out for the diagnosis of pregnancy and the principles underlying various diagnostic methods.</p> <p>d) At the end of the session, phase 2 students must be able to demonstrate the clinical signs of pregnancy, choose appropriate test required for confirmation of pregnancy and interpret the results of the tests, so performed.</p>	09.04.2021	8.30 - 9.30	Lecture, Small group discussion, Bedside clinics	Theory/Clinical assessment/ Viva voce		
Topic: Maternal Changes in pregnancy					Number of competencies: (01)						

OG7.1	Describe and discuss the changes in the genital tract, cardiovascular system, respiratory, haematology, renal and gastrointestinal system in pregnancy	K	KH	Y	<p>a) At the end of the session, phase 2 students must be able to list out the anatomical changes that occur in during pregnancy.</p> <p>b) At the end of the session, phase 2 students must be able to describe and elaborate the physiology changes in gastrointestinal, genito urinary, cardiovascular, respiratory, renal and haematological systems occur in mother during the pregnancy and its implications.</p>	16.04.2021 23.04.2021 22.10.2021	8.30-9.30 8.30-9.30 2.30-4.30	Lecture, seminars	Theory		Physiology
Topic: Antenatal Care			Number of competencies: (08)								

OG8.1	Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors.	K	KH	Y	<p>a) At the end of the session, phase 2 students must be able to calculate the period of gestation by various methods.</p> <p>b) At the end of the session, phase 2 students must be able to enumerate the objectives and components of antenatal care.</p> <p>c) At the end of the session, phase 3 part 1 student must be able to identify high risk patients by doing antenatal screening</p> <p>d) At the end of the session, phase 3part 1 student must be able to describe how the high risk factors can effect pregnancy and its outcome and also all the screening methods to identify those high risk factors.</p>	30.04.2021 29.10.2021	8.30-9.30 2.30-4.30	Small group discussion, Bedside clinics, Lecture	Written/ Viva voce/ Skill assessment		Community
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OG8.2	Elicit document and present an obstetric history including menstrual history, last menstrual period, previous obstetric history, comorbid conditions, past medical history and surgical history	K/S	SH	Y	<p>a) At the end of the session, phase 2 students must be knowing the process and describe the importance of eliciting history from an antenatal patient including the date of her LMP, menstrual history, previous obstetric, past medical and surgical history.</p> <p>b) At the end of the session, phase 2 students must be able to communicate, elicit and document history from an antenatal patient including the date of her LMP, menstrual history, previous obstetric, past medical and surgical history.</p> <p>c) At the end of the session, phase 2 students must be able to present obstetric history and arrive at a provisional diagnosis in a ward setting for a given antenatal patient</p>	07.05.2021		Small group discussion, Bedside clinics, Lecture	Written/ Viva voce/ Skill assessment		
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OG8.3	Describe, demonstrate, document and perform an obstetrical examination including a general and abdominal examination and clinical monitoring of maternal and fetal well-being;	K/S	SH	Y	<p>a) At the end of the session, phase 3 part 2 student must be able to describe the steps of general, obstetric examination and different methods of monitoring maternal and foetalwell being during the antenatal period.</p> <p>b) At the end of the session, phase 3 part 2 student must be able to communicate with the patient and demonstrate the various steps of general and obstetric abdominal examination including inspection, palpation, Leopold manoeuvres and auscultation of foetal heart.</p> <p>c) At the end of the session, phase 3 part 2 student must be able to document and summarise all the necessary and significant findings of general and obstetric abdominal examination so as to arrive at a diagnosis for a given obstetric patient in an antenatal ward.</p> <p>d) At the end of the session, phase 3 part 2 student must be able to perform and document the general and obstetric examination in an antenatal OPD setting.</p>	24.05.2023	2.30-4.30	Small group discussion, Bedside clinics, Lecture	Written/ Viva voce/ Skill assessment		Community Me
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OG8.4	Describe and demonstrate clinical monitoring of maternal and fetal well-being	K/S	SH	K/S	<p>a) At the end of the session, phase 3 part 2 student must be able to list out the aims and objectives of antepartum maternal and foetal surveillance.</p> <p>b) At the end of the session, phase 3 part 2 student should be able to list out all the methods that are available for monitoring of maternal and foetalwell being during antepartum and intrapartum period.</p> <p>c) At the end of the session, phase 3 part 2 student must be able to assess the uterine fundal height, demonstrate foetal heart sound, perform a non stress test and interpret the results of all the methods performed.</p>			Bedside clinic, DOAP session, Small group discussion	Skill assessment/ Written/ Viva voce		
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OG8.5	Describe and demonstrate pelvic assessment in a model	K/S	SH	K/S	<p>a) At the end of the session, phase 3 part 2 student must be able to demonstrate the anatomical position of pelvis, different landmarks, structures and diameters of female pelvis in a specimen.</p> <p>b) At the end of the session, phase 3 part 2 student must be able to list out all the components of female pelvis that are of clinical significance and which are assessed during pelvic examination.</p> <p>c) At the end of the session, phase 3 part 2 student must be able to perform pelvic assessment in a model and document all the findings so examined.</p>	31.05.2023	2.30-4.30	DOAP session	Skill assessment		
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OG8.6	Assess and counsel a patient in a simulated environment regarding appropriate nutrition in pregnancy	K/S	SH	K/S	<p>a) At the end of the session, phase 3 part 2 student must be able to enumerate the nutritional and caloric requirements of a woman during her pregnancy and post partum period according to her BMI, co existing medical and obstetric disorders.</p> <p>b) At the end of the session, phase 3 part 2 student must be able to elicit the dietary history from an antenatal woman admitted in the antenatal ward and calculate the deficit/ excess accordingly.</p> <p>c) At the end of the session, phase 3 part 2 student must be able to communicate with an antenatal woman and counsel regarding her dietary modifications accordingly.</p>	7.06.2023	2.30-4.30	DOAP session, Bedside clinic	Skill assessment		
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OG8.7	Enumerate the indications for and types of vaccination in pregnancy	K	KH	K	<p>a) At the end of the session, phase 2 students must be able to list out all the diseases that are preventable by vaccination</p> <p>b) At the end of the session, phase 2 students must be able to enumerate the vaccines safe during the pregnancy, route, dosage to be given and common adverse effects of those vaccines.</p>	14.05.2021	8.30 - 9.30	Lecture, Small group discussion	Written/ Viva voce		
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OG8.8	Enumerate the indications and describe the investigations including the use of ultrasound in the initial assessment and monitoring in pregnancy	K	KH	K	<p>a) At the end of the session, phase 3 part 1 student must be able to enumerate the indications of ultrasound during pregnancy in first, second and third trimester.</p> <p>b) At the end of the session, phase 3 part 1 student must be able to identify and diagnose conditions like ectopic pregnancy, multiple gestation, molar pregnancy and importance of placental localization in pregnancy.</p> <p>c) At the end of the session, phase 3 part 2 student must be able to understand and explain different methods of antepartum fetal surveillance</p>	20.10.2021 24.02.2023 03.03.2023	8.30-9.30 9.30.10.30 9.30.10.30	Lecture, Small group discussion	Written/ Viva voce			
Topic: Diagnosis of pregnancy			Number of competencies:(01)									

OG9.1	Classify, define and discuss the aetiology and management of abortions including threatened, incomplete, inevitable, missed and septic		K	KH	Y	<p>Ya) At the end of session, Phase III Part I students must be able to define the types of abortion</p> <p>b) At the end of session, Phase III Part I students must be able to describe different etiology for first and second trimester loss</p> <p>c) At the end of session, Phase III Part II students must be able to describe the investigations and management of threatened abortion, incomplete and complete abortions.</p> <p>d) At the end of session, Phase III Part II students must be able to diagnose and manage missed and septic abortion and its sequelae</p> <p>e) At the end of session, Phase III Part II students must be able to enumerate causes for recurrent pregnancy loss and its evaluation and management</p> <p>f) At the end of session, Phase III Part II students must be able to describe clinical approach in different types of abortions</p>	<p>27.10.2021</p> <p>10.01.2023</p> <p>11.01.2023</p> <p>13.10.2023</p> <p>20.10.2023</p> <p>27.09.2023</p>	<p>8.30-9.30</p> <p>8.30-9.30</p> <p>8.30-9.30</p> <p>8.30-9.30</p> <p>8.30-9.30</p> <p>2.30-4.30</p>	<p>Lecture,</p> <p>Small group discussion,</p> <p>Bedside clinics</p>	<p>Theory/Clinical assessment/ Viva voce</p>		
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OG9.2	Describe the steps and observe/ assist in the performance of an MTP evacuation	K	KH	Y	<p>Ya) At the end of session, Phase III Part I students must be able to identify the steps of MTP evacuation.</p> <p>b) At the end of session, Phase III Part I students must be able to observe the steps of MTP evacuation.</p>	05.11.2021 20.10.2023	2.30-4.30 8.30-9.30	Lecture, Small group discussion, Bedside clinics	Theory/Clinical assessment/ Viva voce		
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OG9.3	Discuss the aetiology, clinical features, differential diagnosis of acute abdomen in early pregnancy (with a focus on ectopic pregnancy) and enumerate the principles of medical and surgical management	S	SH	Y	<p>Ya) At the end of session, Phase III Part I students must be able to list out the aetiology, clinical features and differential diagnosis of acute abdomen in early pregnancy.</p> <p>b) At the end of session, Phase III Part II students must be able to describe the aetiology and clinical features of ectopic pregnancy with 100 % accuracy.</p> <p>c) At the end of session, Phase III Part II students must be able to enumerate the principles of medical and surgical management of ectopic pregnancy.</p> <p>d) At the end of session, Phase III Part II students must be able to observe Video demonstration of surgeries done for ectopic pregnancy</p>	03.11.2021 24.01.2023 25.01.2023 10.03.2023 17.03.2023 14.06.2023	8.30-9.30 8.30-9.30 8.30-9.30 9.30-10.30 9.30-10.30 2.30-4.30	Lecture, Small group discussion, Bedside clinics	Theory/Clinical assessment/ Viva voce		
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OG9.4	Discuss the clinical features, laboratory investigations, ultrasonography, differential diagnosis, principles of management and follow up of gestational trophoblastic neoplasms	K	KH	Y	<p>a) At the end of session, Phase III Part I students must be able to understand Differential diagnosis for bleeding pv in first trimester</p> <p>b) At the end of session, Phase III Part I students must be able to understand Etiopathogenesis of molar pregnancy</p> <p>c) At the end of session, Phase III Part I students must be able to enumerate the clinical features and investigations, management and follow up of partial mole and complete mole</p> <p>d) At the end of session, Phase III Part I & Part II students must be able to describe the diagnosis, management and follow up of gestational trophoblastic neoplasm</p>	10.11.2021 17.11.2021 12.11.2021 24.03.2023 31.03.2023	8.30-9.30 8.30-9.30 2.30-4.30 9.30-10.30 9.30-10.30	Lecture, Small group discussion	Written/ Viva voce		
OG9.5	Describe the etiopathology, impact on maternal and fetal health and principles of management of hyperemesis gravidarum	K	KH	Y	<p>a) At the end of session, Phase III Part I students must be able to describe the impact of hyperemesis gravidarum on maternal and fetal health.</p> <p>b) At the end of session, Phase III Part I students must be able to enumerate the principles of management of hyperemesis gravidarum.</p>	24.11.2021	8.30-9.30	Lecture, Small group discussion	Written/ Viva voce		

Topic: Antepartum haemorrhage		Number of competencies: (02)				Number of competencies that require certification: (NIL)						
OG10.1	Define, classify and describe the aetiology, pathogenesis, clinical features, ultrasonography, differential diagnosis and management of antepartum haemorrhage in pregnancy	K	KH	Y	<p>a) At the end of session, Phase III Part I students must be able to define and discuss the classification of Antepartumhaemorrhage.</p> <p>b) At the end of session, Phase III Part II students must be able to enumerate the aetiopathogenesis, management and complications of abruptio placenta</p> <p>c) At the end of session, Phase III Part II students must be able to enumerate the aetiopathogenesis, management and complications of placenta placenta</p> <p>d) At the end of session, Phase III Part II students must be able to describe clinical approach of third trimester bleeding</p>	01.12.2021 31.01.2023 01.02.2023 21.06.2023	8.30-9.30 8.30-9.30 8.30-9.30 2.30-4.30	Lecture, Small group disussion, Bedside clinic				
OG10.2	Enumerate the indications and describe the appropriate use of blood and blood products, their complications and management.	K	KH	Y	<p>a) At the end of session, Phase III Part I students must be able to list the indications and discuss the appropriate use of blood and blood products.</p> <p>b) At the end of session, Phase III Part I students must be able to recognize the complications and management of blood and blood products with 100% accuracy.</p>	19.11.2021	2.30-4.30	Lecture, Small group discussion				Pathology

Topic: Multiple pregnancies		Number of competencies: (01)						Number of procedures that require certification : (NIL)				
OG11.1	Describe the etiopathology, clinical features; diagnosis and investigations, complications, principles of management of multiple pregnancies	K	KH	Y	<p>a) At the end of session, Phase III Part I students must be able to define Types of twinning and epidemiology</p> <p>b) At the end of session, Phase III Part I students must be able to understand the importance of chorionicity</p> <p>c) At the end of session, Phase III Part I students must be able to discuss the etiopathology and elicit the clinical features of multiple pregnancies.</p> <p>d) At the end of session, Phase III Part II students must be able to enumerate the diagnosis and list the investigations of multiple pregnancies.</p> <p>e) At the end of session, Phase III Part II students must be able to state the maternal and fetal complications of multiple pregnancies.</p> <p>f) At the end of session, Phase III Part II students must be able to discuss the antenatal management of multiple pregnancies</p> <p>g) At the end of session, Phase III Part II students must be able to discuss intrapartum management of multiple pregnancies.</p> <p>h) At the end of session, Phase III Part II students must be able to manage the</p>	08.12.20210 7.02.2023 08.02.2023 07.04.2023	8.30-9.30 8.30-9.30 8.30-9.30 9.30-10.30	Lecture, Small group discussion, Bedside clinics	Theory/ OSCE/ Clinical assessment/ Viva voce			
Topic: Medical Disorders in pregnancy		Number of competencies: (08)						Number of procedures that require certification : (NIL)				

OG12.1	Define, classify and describe the etiology and pathophysiology, early detection, investigations; principles of management of hypertensive disorders of pregnancy and eclampsia, complications of eclampsia.	K	KH	Y	<p>t the end of the session phase III part I students should be able to define gestational hypertension,chronichypertension,pre-eclampsia,superimposed pre-eclampsia and eclampsia.</p> <p>b) At the end of the session phase III part I students be able to list the risk factors for pre-eclampsia.</p> <p>c) At the end of the session phase III part I students Should be able to describe etiopathological factors for pre-eclampsia</p> <p>d) At the end of the session phase III part I students should be able to recognise the types of pre-eclampsia</p> <p>e) At the end of the session phase III part II should be able to list the symptoms and signs of pre-eclampsia</p> <p>f) At the end of the session phase III part II should be able to list investigations to diagnose pre-eclampsia.</p> <p>g) At the end of the session phase III part II should be able to list the maternal and fetal complications of pre-eclampsia including HELLP syndrome</p> <p>h) At the end of the session phase III part II should be able to list atleast two screening tests for prediction</p>	15.12.2021 14.02.2023 15.02.2023 14.04.2023 21.04.2023 28.06.2023 05.07.2023	8.30-9.30 8.30-9.30 8.30-9.30 9.30-10.30 9.30-10.30 2.30-4.30 2.30-4.30	Lecture, Small group discussion, Bedside clinics	Written/ Viva voce/ Skill assessment		
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OG12.2	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 in pregnancy	K	KH	Y	<p>a) At the end of the session phase III part I students should be able to define anemia in pregnancy.</p> <p>b) At the end of the session phase III part I students should be able to list the types of anaemia.</p> <p>c) At the end of the session phase III part I students should be able to describe the concept of physiological anaemia</p> <p>d) At the end of the session phase III part I students should be able to list the symptoms and signs of anaemia in pregnancy</p> <p>e) At the end of the session phase III part II students should be able to list the investigations in the diagnosis of anaemia</p> <p>f) At the end of the session phase III part II students should be able to recognise the antepartum, intrapartum and postpartum complications</p> <p>g) At the end of the session phase III part II students should be able to list the measures to prevent anaemia in</p>	<p>22.12.2021</p> <p>21.02.2023</p> <p>22.02.2023</p> <p>28.04.2023</p> <p>05.05.2023</p> <p>12.07.2023</p>	<p>8.30-9.30</p> <p>8.30-9.30</p> <p>8.30-9.30</p> <p>9.30-10.30</p> <p>9.30-10.30</p> <p>2.30-4.30</p>		Written/ Viva voce/ Skill assessment		
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OG12.3	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	K	KH	Y	<p>a) At the end of the session phase III part I students should be able to differentiate overt DM from gestational diabetes in pregnancy</p> <p>b) At the end of the session phase III parts I students should be able to define gestational diabetes mellitus</p> <p>c) At the end of the session phase III part I students should be able to describe the pathophysiology of gestational diabetes</p> <p>d) At the end of the session phase III part I students should be able to recognise potential candidates at risk for gestational diabetes</p> <p>e) At the end of the session phase III part II students should be able to list the screening tests for gestational diabetes</p> <p>f) At the end of the session phase III part II students should be able to list the criteria to recognise overt diabetes</p> <p>g) At the end of the session phase III part II students should be able to recognise antepartum maternal and fetal</p>	<p>29.12.2021</p> <p>28.02.2023</p> <p>01.03.2023</p> <p>12.05.2023</p> <p>19.05.2023</p> <p>19.07.2023</p> <p>26.07.2023</p>	<p>8.30-9.30</p> <p>8.30-9.30</p> <p>8.30-9.30</p> <p>9.30-10.30</p> <p>9.30-10.30</p> <p>2.30-4.30</p> <p>2.30-4.30</p>	<p>Lecture,</p> <p>Small group discussion,</p> <p>Bedside clinics</p>	<p>Written/ Viva voce/ Skill assessment</p>		
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OG12.4	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 heart diseases in pregnancy	K	KH	Y	<p>a) At the end of the session phase III part I students should be able to list the types of heart diseases complicating pregnancy</p> <p>b) At the end of the session phase III part I students should be able to describe the physiological cardiovascular changes in normal pregnancy and the effect of cardiovascular changes in women with heart disease complicating pregnancy</p> <p>c) At the end of the session phase III part I students should be able to list the anatomical and physiological changes in pregnancy that mimic heart disease</p> <p>d) At the end of the session phase III part I students should be able to list the symptoms, signs and diagnostic methods to identify heart disease in pregnancy</p> <p>e) At the end of the session phase III part I students should be able to apply the NYHA classification of heart disease</p> <p>f) At the end of the</p>	05.01.2022 07.03.2023 26.05.2023 02.08.2023	8.30-9.30 8.30-9.30 9.30-10.30 2.30-4.30	Lecture, Small group discussion, Bedside clinics	Written/ Viva voce/ Skill assessment		
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OG12.5	Describe the clinical features, detection, effect of pregnancy on the disease and impact of the disease on pregnancy complications and management of urinary tract infections in pregnancy	K	KH	Y	<p>a) At the end of the session phase III part II students should be able to define physiological changes in renal system during pregnancy</p> <p>b) At the end of the session phase III part II students should be able to list the hormonal and mechanical changes in pregnancy that precipitate urinary tract infection</p> <p>c) At the end of the session phase III part II students should be able to define asymptomatic bacteriuria</p> <p>d) At the end of the session phase III part II should be able to recognise symptomatic bacteriuria, acute cystitis and pyelonephritis in pregnancy</p> <p>e) At the end of the session phase III part II students should be able to list the most common microorganisms that cause UTI in pregnancy</p> <p>f) At the end of the session phase III part II</p>	09.08.2023	2.30-4.30	Lecture, Small group discussion, Bedside clinics	Written/ Viva voce/ Skill assessment		
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OG12.6	Describe the clinical features, detection, effect of pregnancy on the disease and impact of the disease on pregnancy complications and management of liver disease in pregnancy	K	KH	Y	<p>a) At the end of the session phase III part II students should be able to describe the physiological changes that occur in the liver during pregnancy.</p> <p>b) At the end of the session phase III part II students should be able to list the causes of jaundice in pregnancy</p> <p>c) At the end of the session phase III part II students should be able to list the various causes of viral hepatitis in pregnancy</p> <p>d) At the end of the session phase III part II students should be able to describe the mode of spread ,symptoms ,signs and diagnostic methods to identify viral hepatitis in pregnancy</p> <p>e) At the end of the session phase III part II students should be able to list the maternal and fetal complications of viral hepatitis in pregnancy</p> <p>f) At the end of the session phase III part II students should be able to recognise the impact of pregnancy on pre existing viral hepatitis.</p>	08.03.20 23 16.08.20 23	8.30- 9.30 2.30- 4.30	Lecture, Small group discussion, Bedside clinics	Written/ Viva voce/ Skill assessment		
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OG12.7	Describe and discuss screening, risk factors, management of mother and newborn with HIV	K	KH	Y	<p>a) At the end of the session phase III part II students should be able to describe the incidence of PTCT(Parent to child transfusion) of Human immune deficiency virus(HIV)</p> <p>b) At the end of the session phase III part II students should be able to list the routes of transmission of HIV</p> <p>c) At the end of the session phase III part II students should be able to interpret the estimated risk and timing of PTCT in the absence of interventions</p> <p>d) At the end of the session phase III part II students should be able to list the maternal and obstetric risk factors influencing PTCT</p> <p>e) At the end of the session phase III part II students should be able to list the infant risk factors influencing PTCT</p> <p>f) At the end of the session phase III part II students should be able to list the measures to prevent PTCT in antepartum period during labour and</p>	14.03.2023 02.06.2023 23.08.2023	8.30-9.30 9.30-10.30 2.30-4.30	Lecture, Small group discussion, Bedside clinics	Written/ Viva voce/ Skill assessment		
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OG12.8	Describe the mechanism, prophylaxis, fetal complications, diagnosis and management of isoimmunization in pregnancy	K	KH	Y	<p>a) At the end of the session phase III part II students should be able to list the genotypes of Rh negative blood group</p> <p>b) At the end of the session phase III part II students should be able to describe the pathology of isoimmunisation</p> <p>c) At the end of the session phase III part II students should be able to list the risk factors of isoimmunisation</p> <p>d) At the end of the session phase III part II students should be able to describe the individual manifestations of fetal affection by Rh antibody</p> <p>e) At the end of the session phase III part II students should be able to list measures to prevent Rh isoimmunisation</p> <p>f) At the end of the session phase III part II students should be able to describe the mode of action, dose and calculation of dose of Anti-D in massive</p>	15.03.2023 09.06.2023	8.30-9.30 9.30-10.30	Lecture, Small group discussion, Bedside clinics	Written/ Viva voce/ Skill assessment		
Topic: Labour Number of competencies: (05)		Number of competencies: (05)			Number of procedures that require certification : (NIL)						

OG13.1	Enumerate and discuss the physiology of normal labor, mechanism of labor in occipito-anterior presentation; monitoring of labor including partogram; conduct of labor, pain relief; principles of induction and acceleration of labor; management of third stage of labor.	KH	Y		<p>a) At the end of the session, a phase II MBBS student should be able to describe the physiology of normal labour</p> <p>b) At the end of the small group teaching, a Phase III – Part II MBBS student should be able to enumerate all the steps of mechanism of labour in occipito anterior presentation</p> <p>c) At the end of the session, Given a mannequin or a maternal pelvis and fetal skull, a Phase III – Part II MBBS student should be able to demonstrate the steps of labour in occipito anterior presentation accurately</p> <p>d) At the end of the small group teaching, a Phase III – Part II MBBS student should be able to draw a partogram given a patient in labour and monitor her vitals.</p> <p>e) At the end of the session, a phase II MBBS student should be able to describe the stages of labour</p> <p>f) At the end of the session, a Phase III – Part II MBBS student</p>	21.05.2021 28.05.2021 19.01.2022 21.03.2023 22.03.2023 30.08.2023 06.09.2023 13.09.2023	8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30 2.30-4.30 2.30-4.30 2.30-4.30	Lecture, small group discussion (with models/video s/AV aids, etc.)	Theory/Clinical assessment/ Viva voce		
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OG13.2	Define, describe the causes, pathophysiology, diagnosis, investigations and management of preterm labor, PROM and postdated pregnancy	K	KH	Y	<p>a) At the end of the session, a Phase III – Part II MBBS student must know the definition of term, preterm and post term .</p> <p>b) At the end of the session, a Phase III – Part II MBBS student should be able to enumerate the causes and describe the pathophysiology of preterm labour</p> <p>c) At the end of the session, a Phase III – Part II MBBS student should be able to make a diagnosis of preterm labour given a patient scenario and enumerate the investigations to be done in the patient</p> <p>d) At the end of the session, a Phase III – Part II MBBS student should be able to list all the steps in the principles of management of preterm labour</p> <p>e) At the end of the session, a Phase III – Part II MBBS student should be able to define PROM accurately</p> <p>f) At the end of the session, a Phase III – Part II MBBS student</p>	<p>28.03.20 23</p> <p>29.03.20 23</p>	<p>8.30- 9.30</p>	Lecture, Small group discussion, Bedside clinics	Theory/ OSCE/ Clinical assessment/ Viva voce		
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OG13.3	Observe/ assist in the performance of an artificial rupture of membranes	S	SH	N	a) A final year student should be able to show the procedure of ARM on a mannequin b) An intern should assist or observe at least 3 procedures of ARM during his labour room postings			DOAP session, Bedside clinic	Skill assessment		
OG13.4	Demonstrate the stages of normal labor in a simulated environment / mannequin and counsel on methods of safe abortion.	S	SH	Y	a) At the end of the session, a Phase III – Part II MBBS student should be able to demonstrate Pelvic examination finding in labour b) At the end of the DOAP session, a Phase III – Part 1 MBBS student should be able to counsel a patient on methods of safe abortion appropriate for her	26.11.2021 20.09.2023	2.30-4.30 2.30-4.30	DOAP session	Skill assessment		
OG13.5	Observe and assist the conduct of a normal vaginal delivery	S	P	Y	a) Able to demonstrate conduct of normal labour in a mannequin			Log book	10		
Topic: Abnormal Lie and Presentation;		Number of competencies: (04)				Number of procedures that require certification : (NIL)					

OG14.1	Enumerate and discuss the diameters of maternal pelvis and types	K	KH	Y	<p>a) At the end of the DOAP session, a Phase III – Part 1 MBBS student should be able to enumerate all the diameters of maternal pelvis</p> <p>b) At the end of the session, a phase II MBBS student should know all the types of maternal pelvis and should be able to list the normal diameters in a gynaecoid pelvis</p> <p>c) At the end of the session, a Phase III – Part II MBBS student should be able to diagnose cephalopelvic disproportion and describe its management</p>	04.06.2021 04.04.2023 03.12.2021 16.06.2023	8.30-9.30 8.30-9.30 2.30-4.30 9.30-10.30	Lecture, Small group discussion DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment		Human Anatomy
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OG14.2	Discuss the mechanism of normal labor, Define and describe obstructed labor, its clinical features; prevention; and management	K	KH	Y	<p>a) At the end of the session, a Phase III – Part II MBBS student should be able to describe the mechanism of normal labour with 75% accuracy</p> <p>b) At the end of the session, a Phase III – Part II MBBS student should be able to define obstructed labour and list the causes of obstructed labour</p> <p>c) At the end of the session, a Phase III – Part II MBBS student should be able to list at least 5 signs of obstructed labour</p> <p>d) At the end of the session, a Phase III – Part II MBBS student should be able to explain prevention of obstructed labour</p> <p>e) At the end of the session, a Phase III – Part II MBBS student should be able to discuss the principles of management of an obstructed labour with 50% accuracy</p>	05.04.2023 23.06.2023	8.30-9.30 9.30-10.30	Lecture, Small group discussion DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment		
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OG14.3	Describe and discuss rupture uterus, causes, diagnosis and management.	K	KH	Y	<p>a) At the end of the session, a Phase III – Part II MBBS student should be able to enumerate the causes of rupture of uterus</p> <p>b) At the end of the session, a Phase III – Part II MBBS student should be able to describe the clinical features of rupture uterus</p> <p>c) At the end of the session, a Phase III – Part II MBBS student should be able to describe the management of rupture uterus</p>	11.04.2023 30.06.2023	8.30-9.30 9.30-10.30	Lecture, Small group discussion DOAP session, Bedside clinic	Written/ Viva voce/ Skill assessment		
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OG14.4	Describe and discuss the classification; diagnosis; management of abnormal labor	K	KH	Y	<p>a) At the end of the session, a Phase III – Part II MBBS student should be able to describe the mechanism and conduct of labour in breech presentation</p> <p>b) At the end of the session, a Phase III – Part II MBBS student should be able to describe the mechanism and conduct of labour in occipito posterior presentation</p> <p>c) At the end of the session, a Phase III – Part II MBBS student should be able to describe the mechanism and conduct of labour in face presentation</p> <p>d) At the end of the session, a Phase III – Part II MBBS student should be able to describe the mechanism of labour in transverse lie, oblique lie, brow presentation and compound presentation</p> <p>e) At the end of the session, a Phase III – Part II MBBS student should be able to list the types and management</p>	12.04.2023 18.04.2023 19.04.2023 25.04.2023 07.07.2023 27.10.2023 03.11.2023	8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30	Lecture, Small group discussion, Bedside clinics	Written/ skill assessment		
Topic: Operative obstetrics		Number of competencies: (02)			Number of procedures that require certification : (NIL)						

OG15.1	Enumerate and describe the indications and steps of common obstetric procedures, technique and complications: Episiotomy, vacuum extraction; low forceps; Caesarean section, assisted breech delivery; external cephalic version; cervical cerclage	S	KH	Y	<p>a) At the end of the session, a Phase III – Part 1 MBBS student should be able to list few indications for episiotomy</p> <p>b) At the end of the session, a Phase III – Part 1 MBBS student should be able to describe the steps of mediolateral episiotomy</p> <p>c) At the end of the session, a Phase III – Part 1 MBBS student should know all the types of episiotomy incisions</p> <p>d) At the end of the session, a Phase III – Part 1 MBBS student should be able to enumerate the complications of episiotomy</p> <p>e) At the end of the session, a Phase III – Part II MBBS student should be able to list atleast 5 indications for operative vaginal delivery</p> <p>f) At the end of the session, a Phase III – Part II MBBS student should know all the conditions to be fulfilled for operative vaginal delivery</p>	02.02.2022 26.04.2023 02.05.2023 10.12.2021 04.10.2023	8.30-9.30 8.30-9.30 8.30-9.30 2.30-4.30 2.30-4.30	Lecture, Small group discussion, seminars	Written/ skill assessment		
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OG15.2	Observe and assist in the performance of an episiotomy and demonstrate the correct suturing technique of an episiotomy in a simulated environment. – including - CS, Forceps, vacuum extraction, and breech delivery Observe/Assist in operative obstetrics cases	S	KH	Y	<ul style="list-style-type: none"> a) A final year student should observe or assist in the performance of at least 10 episiotomies b) Should demonstrate the correct suturing technique in a simulated environment c) Observe the steps of cesarean section d) Observe atleast 2 operative vaginal deliveries e) Observe atleast 2 breech extractions 			DOAP session, Bedside clinic	Skill assessment		
Topic: Complications of the third stage		Number of competencies: (03)				Number of procedures that require certification : (NIL)					

OG16.1	Enumerate and discuss causes, prevention, diagnosis, management, appropriate use of blood and blood products in postpartum haemorrhage	K	KH	Y	<p>a) At the end of the session, a Phase III – Part II MBBS student should be able to describe the steps in active management of third stage of labour</p> <p>b) At the end of the session, a Phase III – Part II MBBS student should be able to enumerate the causes of PPH</p> <p>c) At the end of the session, a Phase III – Part II MBBS student should be able to describe how to prevent PPH</p> <p>d) At the end of the session, a Phase III – Part II MBBS student should be able to describe how to diagnose atonic PPH</p> <p>e) At the end of the session, a Phase III – Part II MBBS student should be able to describe the causes of traumatic PPH and its management</p> <p>f) At the end of the session, a Phase III – Part II MBBS student should know the appropriate use of blood or blood components in PPH management</p>	03.05.2023 09.05.2023 21.07.2023 28.07.2023 1.10.2023	8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30 2.30-4.30	Lecture, Small group discussion, Bedside clinics	Written/ skill assessment		
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OG16.2	Describe and discuss uterine inversion – causes, prevention, diagnosis and management.	K	KH	Y	<p>a) At the end of the session, a Phase III – Part II MBBS student should be able to describe the degrees of uterine inversion</p> <p>b) At the end of the session, a Phase III – Part II MBBS student should be able to know the causes of uterine inversion</p> <p>c) At the end of the session, a Phase III – Part II MBBS student should be able to describe how to prevent inversion during the conduct of normal labour</p> <p>d) At the end of the session, a Phase III – Part II MBBS student should be able to describe the signs and symptoms of uterine inversion</p> <p>e) At the end of the session, a Phase III – Part II MBBS student should be able to describe the management of inversion of uterus</p> <p>f) At the end of the session, a Phase III – Part II MBBS student should be able to describe management of retained placenta and</p>	09.05.2023 11.10.2023	8.30-9.30 2.30-4.30	Lecture, Small group discussion, Bedside clinics	Written/ Viva voce		
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OG16.3		Describe and discuss causes, clinical features, diagnosis, investigations; monitoring of fetal well-being, including ultrasound and fetal Doppler; principles of management; prevention and counselling in intrauterine growth retardation	K/S	KH	Y		<p>a) At the end of the session, a Phase III – Part II MBBS student should be able to define IUGR and its types</p> <p>b) At the end of the session, a Phase III – Part II MBBS student should be able to list the common causes of IUGR</p> <p>c) At the end of the session, a Phase III – Part II MBBS student should be able to know the clinical features of IUGR</p> <p>d) At the end of the session, a Phase III – Part II MBBS student should be able to identify IUGR in a patient with gross IUGR clinically</p> <p>e) At the end of the session, a Phase III – Part II MBBS student should be able to describe the management of IUGR in <37 week gestation and how to follow up the patient with USG</p> <p>f) At the end of the session, a Phase III – Part II MBBS student should be able to describe the Doppler findings in a women with IUGR</p>	10.05.2023 04.08.2023	8.30-9.30 8.30-9.30		Lecture, Small group discussion, Bedside clinics	Written/ skill assessment/ Viva voce	
Topic: Lactation			Number of competencies: (03)				Number of procedures that require certification : (NIL)						
OG17.1	Describe and discuss the physiology of lactation		K	KH	Y		a) At the end of session, Phase II Students must be able to discuss the physiology of lactation.	11.06.2021	8.30-9.30	Lecture, Small group discussion	Written/ Viva voce		

OG17.2	Counsel in a simulated environment, care of the breast, importance and the technique of breast feeding	S/A/C	SH	Y	<p>a) At the end of session, Phase III Part I students must be able to inform the importance and technique of breast feeding.</p> <p>b) At the end of session, Phase III Part II students must be able to counsel regarding care of breast.</p>	17.12.2021 18.10.2023	2.30-4.30 2.30-4.30	DOAP session	Skill assessment		
OG17.3	Describe and discuss the clinical features, diagnosis and management of mastitis and breast abscess	K	KH	Y	<p>a) At the end of session, Phase III Part II students must be able to list the clinical features and management of mastitis and breast abscess with 100% accuracy.</p> <p>b) At the end of session, Phase III Part II students must be able to differentiate mastitis and breast abscess</p> <p>c) At the end of session, Phase III Part II students must be able to understand management of other breast problems in puerperium</p> <p>d) At the end of session, Phase III Part II students must be able to understand methods of Lactation suppression</p>	16.05.20 23	8.30- 9.30	Lecture, Small group discussion	Written/ Viva voce		

Topic: Care of the new born		Number of competencies: (04)				Number of procedures that require certification : (NIL)					
OG18.1	Describe and discuss the assessment of maturity of the newborn, diagnosis of birth asphyxia, principles of resuscitation, common problems.	K	KH	Y	a) At the end of session, Phase III Part II students must be able to discuss about maturity of newborn. b) At the end of session, Phase III Part II students must be able to recognize birth asphyxia, and describe the principles of resuscitation with charts.	17.05.2023 08.11.2023	8.30-9.30 2.30-4.30	Lecture, Small group discussion	Written/ Viva voce		
OG18.2	Demonstrate the steps of neonatal resuscitation in a simulated environment	S	SH	Y	a) At the end of session, Phase III Part II students must be able to present the steps of neonatal resuscitation.	25.10.2023 08.11.2023	8.30-9.30 2.30-4.30	DOAP session	Skill assessment		
OG18.3	Describe and discuss the diagnosis of birth asphyxia	K	KH	Y	a) At the end of session, Phase III Part II students must be able to describe and discuss the diagnosis of birth asphyxia with 100% accuracy.	23.05.2023 08.11.2023	8.30-9.30 2.30-4.30	Lecture, Small group discussion	Written/ Viva voce		

OG18.4	Describe the principles of resuscitation of the newborn and enumerate the common problems encountered	K	KH	Y	<p>a) At the end of session, Phase III Part II students must be able to discuss the principles of resuscitation of newborn using standard resuscitation charts.</p> <p>b) At the end of session, Phase III Part II students must be able to list the common problems encountered during resuscitation</p>	<p>23.05.2023 08.11.2023</p>	<p>8.30-9.30 2.30-4.30</p>	Lecture, Small group discussion	Written/ Viva voce		
Topic: Normal and abnormal puerperium.		Number of competencies: (04)				Number of procedures that require certification : (NIL)					

OG19.1	Describe and discuss the physiology of puerperium, its complications, diagnosis and management; counselling for contraception, puerperal sterilization	K	KH	Y	<p>a) At the end of session, phase 2 Students must be able to define puerperium</p> <p>b) At the end of session, phase 2 Students must be able to discuss about the changes occurring in the immediate post natal period</p> <p>c) At the end of session, phase 2 Students must be able to discuss about the anatomical and physiological changes in the genital organs, female reproductive tract in the puerperal period.</p> <p>d) At the end of session, phase 2 Students must be able to discuss about the anatomical and physiological changes in the other organ systems.</p> <p>e) At the end of session, phase 2 Students must be able to discuss about the management of puerperium – maternal monitoring, diet, care of perineum, care of bowel and bladder.</p> <p>f) At the end of session, phase 2 Students must be able to discuss about the importance of breast feeding and the care of the breast.</p> <p>g) At the end of session,</p>	18.06.20 21 25.06.20 21	8.30.9. 30	Lecture, Small group discussion, Bedside clinics	Written/ Viva voce		
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OG19.2	Counsel in a simulated environment, contraception and puerperal sterilisation	S/A/C	SH	Y	a) At the end of session, phase 3 part 1 Students must be able to counsel about the temporary and permanent methods of contraception b) At the end of session, phase 3 part 1 Students must be able to counsel the patients for puerperal sterilization, in a multiparous woman	24.12.2021	2.30-4.30	DOAP session	Skill assessment		Community
OG19.3	Observe/ assist in the performance of tubal ligation	S	KH	Y	a) At the end of session, phase 3 part 2 Students must observe/assist in the performance of tubal ligation (phase III)	15.11.2023	2.30-4.30	DOAP session, intraoperative	Skill assessment		

OG19.4	Enumerate the indications for, describe the steps in and insert and remove an intrauterine device in a simulated environment	S	SH	Y	<p>a) At the end of session, phase 3 part 2 Students must be able to enumerate the indications and contraindications of intrauterine device</p> <p>b) At the end of session, phase 3 part 2 students must be able to counsel the patients for intrauterine device</p> <p>c) At the end of session, phase 3 part 2 students must be able to discuss about the side effects and complications of intrauterine device.</p> <p>d) At the end of session, phase 3 part 2 students must be able to describe and demonstrate the steps of insertion and removal of intrauterine device in a simulated environment.</p>	15.11.2023	2.30-4.30	DOAP session	Skill assessment		
Topic: Medical termination of pregnancy Number of competencies: (03) Number of procedures that		Number of competencies: (03)			Number of procedures that require certification : (NIL)						

OG20.1	Enumerate the indications and describe and discuss the legal aspects, indications, methods for first and second trimester MTP; complications and management of complications of Medical Termination of Pregnancy	K	KH	Y	<p>a) At the end of session, phase 3 part 2 students must be able to enumerate the indications for MTP</p> <p>b) At the end of session, phase 3 part 2 students must be able to describe and discuss about the legal aspects of MTP</p> <p>c) At the end of session, phase 3 part 2 students must be able to describe about the MTP act</p> <p>d) At the end of session, phase 3 part 2 students must be able to discuss about the methods for the first and second trimester MTP</p> <p>e) At the end of session, phase 3 part 2 students must be able to discuss about the complications of MTP</p> <p>f) At the end of session, phase 3 part 2 students must be able to discuss about the management of complications of MTP</p>	24.05.2023	8.30-9.30	Lecture, Small group discussion	Written/ Viva voce		Forensic Medicine
OG20.2	In a simulated environment administer informed consent to a person wishing to undergo Medical Termination of Pregnancy	S/A/C	SH	Y	<p>a) At the end of session, phase 3 part 2 students must be able to administer informed consent to a person wishing to undergo MTP</p>	11.01.2023	20.30-4.30	DOAP session	Skill assessment		Forensic Medicine

OG20.3	Discuss Pre-conception and Pre Natal Diagnostic Techniques (PC& PNNT) Act 1994 & its amendments	K	K/KH	Y	a) At the end of session, phase 3 part 2 students must be able to discuss about the PCNDT Act b) At the end of session, phase 3 part 2 students must be able to discuss about the PCNDT Act and its amendments c) At the end of session, phase 3 part 2 students must be able to discuss about the objectives of PCNDT Act	24.05.2023	8.30-9.30	Lecture, Small group discussion	Written/Viva voce		Forensic Medicine
Topic: Contraception		Number of competencies: (02)				Number of procedures that require certification : (NIL)					
OG21.1	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	K	KH	Y	a) At the end of session, phase 2 students will be able to understand the eligibility criteria for prescription of contraception b) At the end of session, phase 3 part 2 students will be able to Take a history and counsel	02.07.2021 30.05.2023 31.05.2023 06.06.2023 11.08.2023 18.08.2023 22.11.2023	8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30 2.30-4.30	Lecture, Small group discussion, Bedside clinics	Written/ Viva voce/ Skill assessment		Community medicine
OG21.2	Describe & discuss PPIUCD programme	K	K/KH	Y	a) At the end of session, phase 3 part 2 students will be able to describe the timing and technique of insertion of PPIUCD b) At the end of session, phase 3 part 2 students will be able to describe advantages and complications of PPIUCD	31.05.2023	8.30-9.30	Lecture, Small group discussion	Written/Viva voce		

Topic: Vaginal discharge		Number of competencies: (02)				Number of procedures that require certification : (NIL)						
OG22.1	Describe the clinical characteristics of physiological vaginal discharge.	K	KH	Y	<p>a) At the end of the session, phase 2 student must be able to describe the characteristics of physiological vaginal discharge.</p> <p>b) At the end of the session, phase 2 student must be able to distinguish between physiological and pathological discharge.</p>	09.07.20 21	8.30- 9.30	Lecture	Theory			

OG22.2	Describe and 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	K	KH	Y	<p>a) At the end of the session, phase 2 student must be able to distinguish characteristics of different types of vaginal discharge namely bacterial vaginosis, trichomoniasis, candidiasis etc in a patient with vaginal discharge</p> <p>b) At the end of the session, phase 2 student Should be able to identify the etiological agent causing each infection depending upon the characteristics of different types of vaginal discharge</p> <p>c) At the end of the session, phase2 student Should be able to enumerate investigations to be performed in a patient with pathological discharge</p> <p>d) At the end of the session, phase2 student Should be able to arrive at the most probable diagnosis when given the clinical characteristics and investigation reports of a specific patient with the complaint of vaginal discharge</p>	16.07.2021 31.12.2021	8.30-9.30 2.30-4.30	Lecture, Bedside clinics	Written/ Viva voce/ Skill assessment		
Topic: Normal and abnormal puberty		Number of competencies: (03)			Number of procedures that require certification : (NIL)						

OG23.1	Describe and discuss the physiology of puberty, features of abnormal puberty, common problems and their management	K	KH	Y	<p>a) At the end of session, phase 2 students will be able to Describe anatomy and physiology of the prepubertal girl</p> <p>b) At the end of session, phase 2 students will be able to Explain normal puberty and changes that occur during puberty</p> <p>c) At the end of session, phase 2 students will be able to Explain the features of abnormal puberty,</p> <p>d) At the end of session, phase 2 students will be able to Enlist common problems of puberty and their management</p> <p>e) At the end of session, phase 2 students will be able to list out the abnormalities in puberty</p> <p>f) At the end of session, phase 3 part 1 students will be able to Describe the causes of ambiguous genitalia and current treatment options</p>	<p>23.07.20 21 09.02.20 22</p>	<p>8.30- 9.30</p>	<p>Lecture, Small group discussion, Bedside clinics</p>	<p>Written/ Viva voce</p>		
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OG23.2	Enumerate the causes of delayed puberty. Describe the investigation and management of common causes	K	KH	Y	a) At the end of session, phase 3 part 1 students will be able to Evaluate a patient with delayed puberty b) At the end of session, phase 3 part 1 students will be able to Workupa case of delayed puberty and to suggest appropriate management plan	16.02.20 22	8.30- 9.30	Lecture, Small group discussion	Written/ Viva voce		
OG23.3	Enumerate the causes of precocious puberty	K	K	N	a) At the end of session, phase 3 part 1 students will be able to enumerate the causes of precocious puberty b) At the end of session, phase 3 part 1 students will be able to workupa case of precocious puberty and to suggest appropriate management plan	16.02.20 22	8.30- 9.30	Lecture, Small group discussion	Written/ Viva voce		
Topic: Abnormal uterine bleeding		Number of competencies: (01)				Number of procedures that require certification : (NIL)					

OG24.1	Define, classify and discuss abnormal uterine bleeding, its aetiology, clinical features, investigations, diagnosis and management	K	KH	Y	<p>a) At the end of session, phase 3 part 1 students will be able to describe the physiology of menstrual cycle</p> <p>b) At the end of session, phase 3 part 1 students will be able to define AUB terminology</p> <p>c) At the end of session, phase 3 part 1 students will be able to describe the FIGO classification system (PALM-COEIN) for causes of AUB</p> <p>d) At the end of session, phase 3 part 1 students will be able to discuss the possible aetiologies of abnormal uterine bleeding in different age groups.</p> <p>e) At the end of session, phase 3 part 2 students will be able to Describe the investigations required in evaluation of AUB in different age groups</p> <p>f) At the end of session, phase 3 part 2 students will be able to Describe the principles of uterine and endometrial assessment using pelvic ultrasound, endometrial biopsy and hysteroscopy</p> <p>g) At the end of session, phase 3 part 2 students</p>	23.02.2022 07.06.2023 13.06.2023 08.09.2023	8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30	Lecture, Small group discussion	Written/ Viva voce		
Topic: Amenorrhea		Number of competencies: (01)			Number of procedures that require certification : (NIL)						

OG25.1	Describe and discuss the causes of primary and secondary amenorrhea, its investigation and the principles of management.	K	KH	Y	<p>a) At the end of session, phase 3 part 1 students will be able to Describe and discuss the causes of primary and secondary amenorrhea with compartmental classification</p> <p>b) At the end of session, phase 3 part 1 students will be able to Use a systematic approach to investigate and diagnose a complaint of primary amenorrhoea</p> <p>c) At the end of session, phase 3 part 1 students will be able to describe the management of a case of primary amenorrhoea</p> <p>d) At the end of session, phase 3 part 2 students will be able to Use a systematic approach to investigate and diagnose a complaint of secondary amenorrhoea</p> <p>e) At the end of session, phase 3 part 2 students will be able to manage a case of secondary amenorrhoea</p>	14.06.2023 20.06.2023 25.08.2023 01.09.2023	8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30	Lecture, Small group discussion	Written/ Viva voce		
Topic: Genital injuries and fistulae		Number of competencies: (02)			Number of procedures that require certification : (NIL)						

OG26.1	Describe and discuss the etiopathogenesis, clinical features; investigation and implications on health and fertility and management of endometriosis and adenomyosis	K/S	KH	Y	a) At the end of session, phase 3 part 2 students will be able to describe etiopathogenesis of endometriosis and adenomyosis b) At the end of session, phase 3 part 2 students	21.06.20 23	8.30- 9.30	Lecture, Small group discussion	Written/ Viva voce		
OG26.2	Describe the causes, prevention, clinical features, principles of management of genital injuries and fistulae	K	KH	N	a) At the end of session, phase 3 part 2 students must be able to describe causes and preventive aspects for vesico	27.06.20 23 28.06.20 23	8.30- 9.30	Lecture, Small group discussion	Written/ Viva voce		General Surgery
Topic: Genital infections		Number of competencies: (04)				Number of procedures that require certification : (NIL)					

OG27.1	Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of sexually transmitted infections	K	KH	Y	<p>a) At the end of session, phase 3 part 2 students must be able to take a sexual history without causing embarrassment and in non-judgmental way.</p> <p>b) At the end of session, phase 3 part 2 students should be aware syndromic Approach to STI Testing which include Abnormal Vulvovaginal Symptoms, Pelvic Pain, Male Urethral Discharge: Dysuria Orchitis, Genital Lumps, Genital Ulceration.</p> <p>c) At the end of session, phase 3 part 2 students must be able to describe and discuss the etiology, pathology, clinical features, differential diagnosis of various STIs</p> <p>d) At the end of session, phase 3 part 2 students must be able to suggest investigations, management for common STIs like syphilis, chlamydia, gonorrhoea, herpes, LGV, chancroid</p> <p>e) At the end of session, phase 3 part 2 students must be able to discuss</p>	02.03.20 22 04.07.20 23 11.07.20 23	8.30- 9.30	Lecture, Small group discussion	Written/ Viva voce		
OG27.2	Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of genital tuberculosis	K	KH	Y	<p>a) At the end of session, phase 3 part 2 students must be able to describe and discuss the Incidence, etiology, pathology, clinical features, Mode of spread, differential</p>	09.03.20 22 18.07.20 23	8.30- 9.30	Lecture, Small group discussion	Written/ Viva voce		

OG27.3	Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of HIV	K	KH	Y	<p>a) At the end of session, phase 3 part 2 students must be able to Describe and discuss the etiology, pathology, clinical features,differential diagnosis, investigations, management and longtermimplications of HIV</p> <p>b) At the end of session, phase 3 part 2 students must be able to Counsel regarding prevention of spreading of HIVrespecting their confidentiality and dignity</p> <p>c) At the end of session, phase 3 part 2 students must be able to Counsel the couple during pregnancy and breastfeeding to minimize the spreading of virus to newborn</p> <p>d) At the end of session, phase 3 part 2 students must be able to discuss the Precautions to prevent occupationaltransmission of HIV</p> <p>e) At the end of session, phase 3 part 2 students must be able to enlist Gynecological symptomatology in HIV patients</p>	18.07.20 23	8.30- 9.30	Lecture, Small group discussion	Written/ Viva voce		
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OG27.4	Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of Pelvic Inflammatory Disease	K	KH	Y	<p>a) At the end of session, phase 3 part 2 students must be able to describe and discuss definition, Risk factors, Protective factors, Microbiology, Mode of affection, Pathology, clinical features, Signs, Clinical diagnostic criteria of PID diagnosis, differential diagnosis, complications and treatment of acute and chronic PID</p> <p>b) At the end of session, phase 3 part 2 students must be able to evaluate a patient with acute abdomen and write a management plan keeping infectious and noninfectious causes</p>	16.03.2022 25.07.2023	8.30-9.30	Lecture, Small group discussion	Written/ Viva voce		
Topic: Infertility Number of competencies:(04)		Number of competencies: (04)			Number of procedures that require certification : (NIL)						

OG28.1	Describe and discuss the common causes, pathogenesis, clinical features, differential diagnosis; investigations; principles of management of infertility – methods of tubal patency, ovulation induction, assisted reproductive techniques	K	KH	Y	<p>At the end of session, phase 3 part 2 students will be able to discuss epidemiology of subfertility</p> <p>b) At the end of session, phase 3 part 2 students will be able to list the causes of male infertility in a structured way</p> <p>c) At the end of session, phase 3 part 2 students will be able to discuss about the analysis of normal seminal fluid and the definitions of male subfertility</p> <p>d) At the end of session, phase 3 part 2 students will be able to demonstrate a systematic approach to the evaluation of individual cases of male infertility</p> <p>e) At the end of session, phase 3 part 2 students will be able to explain the treatment options for male infertility</p> <p>f) At the end of session, phase 3 part 2 students will be able to discuss the different causes for female factor subfertility</p> <p>g) At the end of session, phase 3 part 2 students will be able to define the physiology of ovulation</p> <p>h) At the end of session, phase 3 part 2 students will be able to demonstrate the basic knowledge of the</p>	<p>01.08.2023</p> <p>08.08.2023</p> <p>22.09.2023</p>	<p>8.30-9.30</p> <p>8.30-9.30</p> <p>8.30-9.30</p>	<p>Lecture, seminars, Bedside clinics</p>	<p>Written/ Viva voce</p>		
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OG28.2	Enumerate the assessment and restoration of tubal latency	K	K	N	<p>a) At the end of session, phase 3 part 2 students will be Able to describe the different types of tests of tubal patency</p> <p>b) At the end of session, phase 3 part 2 students will be Describe the different management options available for tubal factor infertility</p>	08.08.2023 15.09.2023	8.30-9.30 8.30-9.30	Lecture, seminars, Bedside clinics	Written/ Viva voce		
OG28.3	Describe the principles of ovulation induction	K	KH	Y	<p>a) At the end of session, phase 3 part 2 students will be Able to describe the different types of tests of ovulation</p> <p>b) At the end of session, phase 3 part 2 students will be be able to describe the appropriate ovulation induction treatment</p> <p>c) At the end of session, phase 3 part 2 students will be describe the success and complications of ovulation induction</p>	22.08.2023 15.09.2023	8.30-9.30 8.30-9.30	Lecture, seminars, Bedside clinics	Written/ Viva voce		

OG28.4	Enumerate the various Assisted Reproduction Techniques	K	K	N	<p>a) At the end of session, phase 3 part 2 students will be Describe the principles and different methods of assisted reproduction treatments</p> <p>b) At the end of session, phase 3 part 2 students will be Describe the complications associated with assisted reproduction treatments</p> <p>c) At the end of session, phase 3 part 2 students will be Summarise the outcomes and success of the different treatments</p>	22.08.2023	8.30-9.30	Lecture, seminars, Bedside clinics	Written/ Viva voce		
Topic: Uterine fibroids		Number of competencies: (01)			Number of procedures that require certification : (NIL)						

OG29.1		Describe and discuss the etiology; pathology; clinical features; differential diagnosis; investigations; principles of management, complications of fibroid uterus	K/A/C	KH	Y	Lecture, Bedside clinics	<p>a) At the end of the session, phase 2 student must be able to discuss aetiology and explain pathology of a fibroid</p> <p>b) At the end of the session, phase 2 student must be Able to list out all the clinical features in a patient with fibroid</p> <p>c) At the end of the session, phase 2 & 3 student must be Able to list out all the complications secondary to fibroid uterus</p> <p>d) At the end of the session, phase 3 student must be Able to enumerate investigations available to diagnose fibroid uterus</p> <p>e) At the end of the session, phase 3 student Able to discuss principles of management and various treatment options like medical, surgical and minimally invasive procedures in a patient with fibroid</p> <p>f) At the end of the session, phase 2 & 3 student must be able to demonstrate examination of a palpable mass in a systematic manner in a given patient.</p> <p>g) At the end of the session, phase 2 & 3 student must be able to distinguish between a uterine and</p>	<p>23.03.2022 8.30-9.30</p> <p>29.08.2023 8.30-9.30</p> <p>29.09.2023 8.30-9.30</p>	<p>8.30-9.30</p> <p>8.30-9.30</p> <p>8.30-9.30</p>	Theory/ OSCE/ Clinical Assessment/ Viva voce				
Topic: PCOS and hirsutism			Number of competencies: (01)			Number of procedures that require certification : (NIL)								

OG30.1	Describe and discuss the etiopathogenesis; clinical features; differential diagnosis; investigations; management, complications of PCOS	K/A/C	KH	Y	<p>a) At the end of the session, phase 3 student will be able to understand in detail and discuss the etiopathogenesis of PCOS.</p> <p>b) At the end of the session, phase 3 student Must be able to list out clinical features and complications secondary to PCOS in different age groups sequentially.</p> <p>c) At the end of the session, Given a set of investigations phase 3 student must be able to diagnose PCOS and provide differential diagnosis.</p> <p>d) At the end of the session, phase 3 student Must be able to enumerate management options in PCOS depending upon their age group and complaints.</p> <p>e) At the end of the session, phase 3 student will be Able to counsel patient with PCOS, regarding long term complications and also emphasize about life style modifications</p>	30.03.2022 05.09.2023	8.30-9.30	Lecture	Theory/ OSCE/ Clinical Assessment/ Viva voce		
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OG30.2	Enumerate the causes and describe the investigations and management of hyperandrogenism	K	KH	N	<p>a) At the end of the session phase 3 student must be able to summarize androgen metabolism in a female</p> <p>b) At the end of the session phase 3 student must be able to List out causes of hirsutism and investigations to be performed in a patient with complaints of hirsutism</p>	12.09.2023	8.30-9.30		Theory/ OSCE/ Clinical Assessment/ Viva voce		
Topic: Uterine prolapse		Number of competencies: (01)			Number of procedures that require certification : (NIL)						

OG31.1		Describe and discuss the etiology, classification, clinical features, diagnosis, investigations, principles of management and preventive aspects of prolapse of uterus	K/S	KH	Y	Lecture, small group discussion, Bedside clinics	<p>a) At the end of the session phase 2 student must be Able to describe the muscles and ligaments of pelvis and supports of uterus and vagina</p> <p>b) At the end of the session phase 3 student must be able to describe etiology of uterine prolapse</p> <p>c) At the end of the session phase 3 student must be able to Enumerate clinical features and complications due to prolapse.</p> <p>d) At the end of the session phase 3 student must be able to discuss differential diagnosis of mass descending per vaginum</p> <p>e) At the end of the session phase 3 student Should be able to distinguish between various components of prolapse namely cystocele, rectocele, enterocele, uterine descent and various degrees of prolapse.</p> <p>f) At the end of the session phase 3 student Should be able to discuss preventive</p>	30.07.2021 19.09.2023 26.09.2023 10.11.2023 29.11.2023	8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30 2.30-4.30	Written/ Viva voce/ Skill assessment			
Topic: Menopause			Number of competencies: (02)			Number of procedures that require certification : (NIL)							

OG32.1	Describe and discuss the physiology of menopause, symptoms, prevention, management and the role of hormone replacement therapy.	K	KH	Y	<p>a) At the end of session, phase 3 part 2 students will be able to Understand the pathophysiology of menopause</p> <p>b) At the end of session, phase 3 part 2 students will be able to determine the different stages of menopause</p> <p>c) At the end of session, phase 3 part 2 students will be able to discuss the symptoms of menopause- acute symptoms, medium term symptoms and long term symptoms</p> <p>d) At the end of session, phase 3 part 2 students will be able to discuss the different options, route, dose and different regimens of hormone replacement therapy (HRT)</p> <p>e) At the end of session, phase 3 part 2 students will be able to List the risks and benefits of hormone replacement therapy (HRT)</p> <p>f) At the end of session, phase 3 part 2 students will be able to Describe the lifestyle changes that would help in treating <u>menopausal symptoms</u></p>	30.03.2022 03.10.2023 17.11.2023	8.30-9.30 8.30-9.30 8.30-9.30	Lecture, small group discussion, Bedside clinics	Written/ Viva voce/ Skill assessment		
OG32.2	Enumerate the causes of postmenopausal bleeding and describe its management	K	KH	Y	<p>a) At the end of session, phase 3 part 2 students will be able to Define menopause and postmenopausal bleeding</p> <p>b) At the end of session, phase 3 part 2 students will be able to</p>	10.10.20 23	8.30- 9.30	Lecture, small group discussion Bedside clinics	Written/ Viva voce		

Topic: Benign, Pre-malignant (CIN) and Malignant Lesions of the Cervix		Number of competencies: (04)				Number of procedures that require certification : (NIL)					
OG33.1	Classify, describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations and staging of cervical cancer	K/S	KH	Y	<p>a) At the end of session, phase 3 part 2 students will be able to describe the basic anatomy and histology of the cervix</p> <p>b) At the end of session, phase 3 part 2 students will be able to explain the concept of pre-invasive disease</p> <p>c) At the end of session, phase 3 part 2 students will be able to describe basic knowledge of the role of human papillomavirus in cervical cancer</p> <p>d) At the end of session, phase 3 part 2 students will be able to list out the risk factors for cervical cancer</p> <p>e) At the end of session, phase 3 part 2 students will be able to describe the presenting symptoms of cervical cancer</p> <p>f) At the end of session, phase 3 part 2 students will be able to employ appropriate investigations for women presenting with cervical cancer</p> <p>g) At the end of session, phase 3 part 2 students will be able to describe the staging of cervical</p>	17.10.2023 31.10.2023 06.10.2023 24.11.2023	8.30-9.30 8.30-9.30 8.30-9.30 8.30-9.30	Lecture, Small group discussion, Bedside clinics	Written/ Viva voce/ Skill assessment		
OG33.2	Describe the principles of management including surgery and radiotherapy of Benign, Pre-malignant (CIN) and Malignant Lesions of the Cervix	K	KH	Y	<p>a) At the end of session, phase 3 part 2 students will be able to Describe the treatment options for pre-invasive lesions of cervix</p>	17.10.2023 31.10.2023 24.11.2023	8.30-9.30 8.30-9.30 8.30-9.30	Lecture, Small group discussion, Bedside clinics	Written/ Viva voce/ Skill assessment		

OG33.3	Describe and demonstrate the screening for cervical cancer in a simulated environment	K/S	SH	Y	<p>a) At the end of session, phase 3 part 2 students will be able to describe the benefit of screening for pre-invasive disease</p> <p>b) At the end of session, phase 3 part 2 students will be able to describe the protocol for cervical cancer screening in our country with pap smear</p> <p>c) At the end of session, phase 3 part 2 students will be able to distinguish different methods in pap smear screening</p>	24.10.2023	8.30-9.30	DOAP session	Skill assessment		Community Medicine
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OG33.4	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	K	K	Y	<p>a) At the end of session, phase 3 part 2 students will be able to describe the role of VIA, VILI in resource limited setting</p> <p>b) At the end of session, phase 3 part 2 students will be able to demonstrate the role of colposcopy in evaluating the abnormal smear</p> <p>c) At the end of session, phase 3 part 2 students will be able to define the usefulness of HPV screening</p> <p>d) At the end of session, phase 3 part 2 students will be able to demonstrate the benefits and limitations of immunisation against human papillomavirus disease.</p>	24.10.2023	8.30-9.30	Lecture, Small group discussion, Bedside clinics	Viva voce/ Written		
Topic: Benign and malignant diseases of the uterus and the ovaries		Number of competencies: (04)				Number of procedures that require certification : (NIL)					

OG34.1	Describe and discuss aetiology, pathology, staging clinical features, differential diagnosis, investigations, staging laparotomy and principles of management of endometrial cancer	K	KH	Y	<p>a) At the end of session, phase 3 part 2 students will be able to describe different types of endometrial hyperplasia, its aetiology, histopathology, investigations and management of different types of endometrial hyperplasia.</p> <p>b) At the end of session, phase 3 part 2 students will be able to identify women with risk factors for endometrial cancer</p> <p>c) At the end of session, phase 3 part 2 students will be able to describe the presenting symptoms of endometrial cancer</p> <p>d) At the end of session, phase 3 part 2 students will be able to employ appropriate investigations for women with symptoms suggestive of endometrial cancer</p> <p>e) At the end of session, phase 3 part 2 students will be able to describe the staging of endometrial cancer and the treatment modalities for the various stages</p> <p>f) At the end of session, phase 3 part 2 students</p>	07.11.20 23	8.30- 9.30	Lecture, Bedside clinics	Viva voce/ Written/ skill assessment		
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OG34.2	Describe and discuss the etiology, pathology, classification, staging of ovarian cancer, clinical features, differential diagnosis, investigations, principal of management including staging laparotomy	K/S	KH	Y	<p>a) At the end of session, phase 3 part 2 students will be able to explain the classification of ovarian tumours and their origin</p> <p>b) At the end of session, phase 3 part 2 students will be able to list out the differential diagnosis of abdominopelvic mass</p> <p>c) At the end of session, phase 3 part 2 students will be able to demonstrate the knowledge for working up a case of ovarian mass with appropriate investigations</p> <p>d) At the end of session, phase 3 part 2 students will be able to differentiate benign from malignant ovarian tumour</p> <p>e) At the end of session, phase 3 part 2 students will be able to discuss management of benign ovarian tumours</p> <p>f) At the end of session, phase 3 part 2 students will be able to describe the risk factors for ovarian cancer</p> <p>g) At the end of session, phase 3 part 2 students will be able to describe the presenting symptoms of ovarian</p>	14.11.20 23 21.11.20 23	8.30- 9.30	Lecture	Theory/ OSCE/ clinical assessment/ Viva voce		
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OG34.3	Describe and discuss the etiology, pathology, classification, staging, clinical features, differential diagnosis, investigations and management of gestational trophoblastic disease	K/S	KH	Y	<p>a) At the end of session, phase 3 part 2 students will be able to differentiate the terminologies in GTD</p> <p>b) At the end of session, phase 3 part 2 students will be able to describe the etiology, clinical presentation and ultrasound diagnosis of GTD</p> <p>c) At the end of session, phase 3 part 2 students will be able to have an awareness of differences in genetics and histopathology in different types of GTD</p> <p>d) At the end of session, phase 3 part 2 students will be able to understand the complications associated with molar pregnancies in present pregnancies need for follow up after treatment</p> <p>e) At the end of session, phase 3 part 2 students will be able to understand the preference of treatment by surgical uterine evacuation</p> <p>f) At the end of session, phase 3 part 2 students will be able to describes the method of followup</p>	28.11.20 23	8.30- 9.30	Lecture	Theory/ OSCE/ clinical assessment/		
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OG34.4	Operative Gynaecology : Understand and describe the technique and complications: Dilatation & Curettage (D&C); EA-ECC; cervical biopsy; abdominal hysterectomy; myomectomy; surgery for ovarian tumours; staging laparotomy; vaginal hysterectomy including pelvic floor repair; Fothergill's operation, Laparoscopy; hysteroscopy; management of postoperative complications	K/S	SH	Y	<p>a) At the end of session, phase 3 part 1 students will be able to describe the principles and steps involved in Dilatation& Curettage.</p> <p>b) At the end of session, phase 3 part 1 students will be able to describe the principles and procedure involved in Endocervical curettage</p> <p>c) At the end of session, phase 3 part 1 students will be able to describe the principles and procedure involved in Cervical biopsy.</p> <p>d) At the end of session, phase 3 part 1 students will be able to describe the procedure, indications, contraindicationsand complications in Endometrial ablation</p> <p>e) At the end of session, phase 3 part 1 students will be able to describe the procedure, indications, contraindicationsand complications in abdominal hysterectomy</p> <p>f) At the end of session, phase 3 part 1 students will be able to describe the procedure, indications.</p>	28.11.2023 07.01.2022	8.30-9.30 2.30-4.30	Videos, on manikins, observe procedures and surgeries in OR	Viva voce		
Topic: Obstetrics & Gynecological skills -		Number of competencies: (17)			Number of procedures that require certification : (NIL)						

OG35.1	Obtain a logical sequence of history, and perform a humane and thorough clinical examination, excluding internal examinations (per- rectal and per-vaginal)	K/S	SH	Y	<p>a) At the end of session, phase III part 1 students should be able to collect history in a logical sequence from an antenatal woman</p> <p>b) At the end of session, phase III part 1 students should be able to collect history in a logical sequence from woman with gynecological complaints</p> <p>c) At the end of session, phase III part 1 students should be able to check for vital signs, general examination and anthropometric measurements in a patient</p> <p>d) At the end of session, phase III part 1 students should be able to demonstrate Leopold's maneuver in a manikin</p> <p>e) At the end of session, phase III part 1 students should be able to demonstrate speculum examination in a manikin</p> <p>f) At the end of session, phase III part 1 students should be able to demonstrate pelvic assessment in a manikin</p> <p>g) At the end of session, phase III part 1 students should be able to</p>	14.01.2022 21.01.2022 28.01.2022 04.02.2022	2.30-4.30 2.30-4.30 2.30-4.30 2.30-4.30	Bedside clinics	Clinical assessment/ Viva voce		
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OG35.2	Arrive at a logical provisional diagnosis after examination.	K/S	SH	Y	a) At the end of session, phase III part 1 students should be able to Interpret history and physical exam findings b) At the end of session, phase III part 1 students should be able to develop a complete problem list and create a broad initial differential diagnosis	11.02.2022	2.30-4.30	Bedside clinics	Clinical assessment/ Viva voce		
OG35.3	Recognize situations, which call for urgent or early treatment at secondary and tertiary centres and make a prompt referral of such patients after giving first aid or emergency treatment.	K/S	SH	Y	a) At the end of phase III part 2 students should be able to recognise, investigate, resuscitate and manage the woman with an acute abdomen. b) At the end of phase III part 2 students should be able to recognise, investigate, resuscitate and refer a woman with obstetric emergency	18.02.2022	2.30-4.30	Bedside clinics	Clinical assessment/ Viva voce		

OG35.4	Demonstrate interpersonal and communication skills befitting a physician in order to discuss illness and its outcome with patient and family	A/C	SH	Y	<p>a) At the end of session, phase III part 1 students should be able to use communication techniques that enable development of a therapeutic alliance with the patient and family, being sensitive to the unique social condition and cultural background of the family</p> <p>b) At the end of session, phase III part 1 students should be able to identify the primary concerns of the patient</p> <p>c) At the end of session, phase III part 1 students should be able to Discuss medical information in terms understandable to patients</p> <p>d) At the end of session, phase III part 1 students should be able to Effectively communicate information about the diagnosis and treatment to the patient</p> <p>e) At the end of session, phase III part 1 students should be able to Recognize the important role of patient education in treatment of acute and chronic illness, and prevention of disease</p>	25.02.2022	2.30-4.30	Bedside clinics	Clinical assessment/ Viva voce		
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OG35.5	Determine gestational age, EDD and obstetric formula	K/S	SH	Y	<p>a) At the end of session, phase III part 1 students should be able to Calculate gestational age, EDD from last menstrual period</p> <p>b) At the end of session, phase III part 1 students should be able to Generate obstetric formula for a given antenatal woman in bedside clinic</p>	04.03.2022	2.30-4.30	Bedside clinics	Clinical assessment/ Viva voce		
OG35.6	Demonstrate ethical behavior in all aspects of medical practice.	A/C	SH	Y	<p>a) At the end of session, phase III part 2 students should be able to Demonstrate a commitment to ethical principles pertaining to provision or withholding of clinical care, confidentiality of patient information, and informed consent.</p> <p>b) At the end of session, phase III part 2 students should be able to demonstrate self-discipline, responsibility and punctuality in attending to ward duties, in the operating room, and at meetings and other activities, and be a moral and ethical role model for others</p>	04.01.2023	2.30-4.30	Bedside clinics	Clinical assessment/ Viva voce		

OG35.7	Obtain informed consent for any examination / procedure	S	SH	Y	a) At the end of session, phase III part 2 students should be able to explain indications, risks and benefits of procedures, and perioperative management and complications	11.01.2023	2.30-4.30	Bedside clinics	Clinical assessment/ Viva voce		
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OG35.8	Write a complete case record with all necessary details	S	SH	Y	<p>a) At the end of session, phase III part 2 students should be able to take Gynecologic history including a menstrual and sexual history; obstetrical history; family history; social history; medical and surgical history</p> <p>b) At the end of session, phase III part 2 students should be able to take History: ASK • Name, age, address, phone number, occupation, marital status • Menstrual history: date of first day of LMP; current or previous breastfeeding, and contraception; calculation of EDD and gestational age • Obstetric history: number of previous pregnancies and outcome of each; previous cesarean sections; problems and complications including bleeding and high blood pressure • Gynecological history • Medical history including hypertension, convulsions, diabetes, tuberculosis, and other past and current medical problems: current</p>	18.01.2023	2.30-4.30	Bedside clinics	Clinical assessment/ Viva voce		
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OG35.9	Write a proper discharge summary with all relevant information	S	SH	Y	<p>a) At the end of session, phase III part 2 students should be able to Demonstrate knowledge of the components and structure of a thorough, organized discharge summary.</p> <p>b) At the end of session, phase III part 2 students should be able to Recognize components of a discharge summary that effectively facilitates safe transition of care to the ambulatory setting, meeting the Systems-Based Practice 4 Milestone (transitions patients effectively within and across health delivery systems).</p>	25.01.2023	2.30-4.30	Bedside clinics	Clinical assessment		
OG35.10	Write a proper referral note to secondary or tertiary centres or to other physicians with all necessary details.	S	SH	Y	<p>a) At the end of session, phase III part 2 students should be able to provides clear written communication when making referrals, highlighting the reason for referral and pertinent information that is useful for the receiving health care provider</p>	01.02.2023	2.30-4.30	Bedside clinics	Clinical assessment/ Viva voce		

OG35.11	Demonstrate the correct use of appropriate universal precautions for self-protection against HIV and hepatitis and counsel patients	S	SH	Y	<p>a) At the end of session, phase III part 1 students should be able to explain and demonstrate the use of personal protective equipment</p> <p>b) At the end of session, phase III part 1 students should be able to demonstrate passing a sharp.</p> <p>c) At the end of session, phase III part 1 students should be able to demonstrate 2 safe methods of re-sheathing a needle</p>	11.03.2022	2.30-4.30	DOAP session	Skill assessment		
OG35.12	Obtain a PAP smear in a stimulated environment	S	SH	Y	<p>a) At the end of session, phase III part 2 students should be able to identify and describe the use of the common instruments needed for taking a pap smear</p> <p>b) At the end of session, phase III part 2 students should be able to perform a cervical smear using Ayres spatula in a simulated environment</p> <p>c) At the end of session, phase III part 2 students should be able to record physical findings after examination</p>	08.02.2023	2.30-4.30	DOAP session	Skill assessment		

OG35.13	Demonstrate the correct technique to perform artificial rupture of membranes in a simulated / supervised environment	S	SH	Y	a) At the end of session, phase III part 2 students should be able to perform artificial rupture of membranes in a woman in labor under supervision	15.02.2023	2.30-4.30	DOAP session	Skill assessment		
OG35.14	Demonstrate the correct technique to perform and suture episiotomies in a simulated/ supervised environment	S	SH	Y	a) At the end of session, phase III part 2 students should be able to demonstrate the correct placement and cutting of an episiotomy b) At the end of session, phase III part 2 students should be able to demonstrate ability to repair an episiotomy using continuous technique in simulation	22.02.2023	2.30-4.30	DOAP session	Skill assessment		

OG35.15	Demonstrate the correct technique to insert and remove an IUD in a simulated/ supervised environment	S	SH	Y	<p>a) At the end of session, phase III part 2 students should be able to state verbally or in writing the indications and contraindications for intrauterine device placement.</p> <p>b) At the end of session, phase III part 2 students should be able to Counsel a patient on all of the risks, benefit, and alternatives of an intrauterine device.</p> <p>c) At the end of session, phase III part 2 students should be able to State verbally or in writing the equipment and supplies necessary to successfully perform the placement of an intrauterine device.</p> <p>d) At the end of session, phase III part 2 students should be able to Demonstrate in a simulated environment the steps of an intrauterine device placement</p>	01.03.2023	2.30-4.30	DOAP session	Skill assessment		
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OG35.16	Diagnose and provide emergency management of antepartum and postpartum hemorrhage in a simulated / guided environment	K/S	SH	Y	<p>a) At the end of session, phase III part 2 students should be able to Demonstrate the ability to perform a rapid and appropriate assessment of a hemodynamically unstable patient</p> <p>b) At the end of session, phase III part 2 students should be able to perform the steps necessary to prepare a patient who is having a antepartum hemorrhage in a simulated context</p> <p>c) At the end of session, phase III part 2 students should be able to Counsel a woman on the recurrence risks of antepartum hemorrhage</p> <p>d) At the end of session, phase III part 2 students should be able to perform the steps necessary to prepare a patient who is having a postpartum hemorrhage due to uterine atony in a simulated context</p> <p>e) At the end of session, phase III part 2 students should be able to demonstrate how to communicate with the patient about the hemorrhage in a simulated context</p>	08.03.2023	2.30-4.30	DOAP session	Skill assessment		
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OG35.17	Demonstrate the correct technique of urinary catheterisation in a simulated/ supervised environment	S	SH	Y	<p>a) At the end of session, phase III part 1 students should be able to list the indications for urinary catheterization.</p> <p>b) At the end of session, phase III part 1 students should be able to describe the appropriate catheter type/size.</p> <p>c) At the end of session, phase III part 1 students should be able to discuss the risks associated with catheterizations.</p> <p>d) At the end of session, phase III part 1 students should be able to describe the equipment for female/male/pediatric urinary catheterization.</p> <p>e) At the end of session, phase III part 1 students should be able to demonstrate a safe method of performing urinary catheterizations while maintaining strict aseptic technique.</p>	18.03.2022	2.30-4.30	DOAP session	Skill assessment		
Topic: Obstetrics & Gynecological skills - II		Number of competencies: (03)			Number of procedures that require certification : (NIL)						
OG36.1	Plan and institute a line of treatment, which is need based, cost effective and appropriate for common conditions taking into consideration (a) Patient (b)	K/S	SH	Y		15.03.2023	2.30-4.30	Bedside clinics, Small group discussion	Clinical assessment/ Viva voce		

OG36.2	Organise antenatal, postnatal, well-baby and family welfare clinics	K/S	KH	Y	<p>a) At the end of session, phase III part 2 students should be able to describe the schedule, objectives and procedures covered in each of the four FANC visits for women in the basic component.</p> <p>b) At the end of session, phase III part 2 students should be able to discuss special recommendations about the woman's care during the antenatal, labor/birth, and postpartum periods, referral to special care, or supportive services as indicated</p> <p>c) At the end of session, phase III part 2 students should be able to perform risk assessment and detect signs/symptoms of complications or diseases</p> <p>d) At the end of session, phase III part 2 students should be able to communicate key information on postnatal care including complications for the mother and baby.</p> <p>e) At the end of session, phase III part 2 students should be able to</p>	22.03.2023	2.30-4.30	Bedside clinics	Clinical assessment/ Viva voce		
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OG36.3	Demonstrate the correct technique of punch biopsy of uterus in a simulated/ supervised environment	S	SH	Y	a) At the end of session, phase III part 2 students should be able to describe the indications and techniques of Loop Electrosurgical Excision procedure and cold knife cone b) At the end of session, phase III part 2 students should be able to explain the failure rates and risk factors for LEEP and CKC	29.03.20 23		Bedside clinics	Clinical assessment/ Viva voce		
						2.30-4.30					
Topic: Obstetrics & Gynecological skills - III N		Number of competencies: (07)				Number of procedures that require certification : (NIL)					
OG37.1	Observe and assist in the performance of a Caesarean section	K/S/A/C	SH	Y	a) At the end of session, phase III part 2 students should be able to explain preoperative planning for cesarean section including options for anesthesia and patient preparation. b) At the end of session, phase III part 2 students should be able to Demonstrate the steps of a cesarean section	05.04.20 23		Bedside clinics, Small group discussion	Log book		
						2.30-4.30					

OG37.2	Observe and assist in the performance of Laparotomy	K/S/A/C	SH	Y	<p>a) At the end of session, phase III part 2 students should be able to recognise the correct choice of incision appropriate to the clinical situation</p> <p>b) At the end of session, phase III part 2 students should be able to assist in open and close incisions effectively</p> <p>c) At the end of session, phase III part 2 students should be able to describe the principles involved in performing the most common abdominal procedures in gynaecology.</p> <p>d) At the end of session, phase III part 2 students should be able to Observe the process of positioning and preparing the patient for abdominal surgery</p> <p>e) At the end of session, phase III part 2 students should be able to Observe the instruments involved in opening the abdomen</p> <p>f) At the end of session, phase III part 2 students should be able to Observe the complications have to deal with from the skin</p>	12.04.2023	2.30-4.30	Bedside clinics, Small group discussion	Clinical assessment/ Viva voce		
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OG37.3	Observe and assist in the performance of Hysterectomy – abdominal/vaginal	K/S/A/C	SH	Y	<p>a) At the end of session, phase III part 2 students should be able to Observe and assist in appropriate exposure of the pelvic organs that allows a safe approach to remove the uterus in a chronological way.</p> <p>b) At the end of session, phase III part 2 students should be able to Observe that double clamp and double ligation of the pedicles for good haemostasis and to reduce the risk of postoperative bleeding</p> <p>c) At the end of session, phase III part 2 students should be able to Observe that haemostasis should be checked at all pedicles before closure of the abdomen</p> <p>d) At the end of session, phase III part 2 students should be able to Demonstrate the basic steps in performing abdominal hysterectomy</p> <p>e) At the end of session, phase III part 2 students should be able to Able to identify important anatomic landmarks</p>	19.04.2023	2.30-4.30	Bedside clinics, Small group discussion	Clinical assessment/ Viva voce		
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OG37.4	Observe and assist in the performance of Dilatation & Curettage (D&C)	K/S/A/C	SH	Y	<p>a) At the end of session, phase III part 2 students should be able to state verbally or in writing the indications and contraindications for dilation and curettage</p> <p>b) At the end of session, phase III part 2 students should be able to properly counsel a patient on all of the risks, benefits, and alternatives for dilation and curettage</p> <p>c) At the end of session, phase III part 2 students should be able to state verbally or in writing the equipment and supplies necessary to successfully perform an a dilation and curettage</p> <p>d) At the end of session, phase III part 2 students should be able to demonstrate in a simulated environment the steps of a dilation and curettage</p>	26.04.2023		Bedside clinics, Small group discussion	Clinical assessment/ Viva voce		
OG37.5	Observe and assist in the performance of Endometrial aspiration - endocervical curettage (EA-ECC)	K/S/A/C	SH	Y	<p>a) At the end of session, phase III part 2 students should be Able to state verbally or in writing the indications and contraindications for endometrial biopsy in the office setting.</p> <p>b) At the end of session</p>	26.04.2023	2.30-4.30	Bedside clinics, Small group discussion	Viva voce		

OG37.6	Observe and assist in the performance of outlet forceps application of vacuum and breech delivery	K/S/A/C	SH	Y	a) At the end of session, phase III part 2 students should be able to Counsel a woman with breech presentation on mode of delivery b) At the end of session, phase III part 2 students should be able to Demonstrate the	26.04.2023	2.30-4.30	Bedside clinics, Small group discussion	Log book		
OG37.7	Observe and assist in the performance of MTP in the first trimester and evacuation in incomplete abortion	K/S/A/C	SH	Y	a) At the end of session, phase III part 2 students should be able to obtain consent for induced abortion b) At the end of session, phase III part 2 students should be able to Counsel a woman for anaesthesia and	03.05.2023	2.30-4.30	Bedside clinics, Small group discussion	Clinical assessment/ Viva voce		
Number of competencies:		Number of competencies: (04)				Number of procedures that require certification : (NIL)					

OG38.1	Laparoscopy	K/S/A/C	KH	Y	<p>a) At the end of session, phase III part 2 students should be able to Select patients for laparoscopic surgery</p> <p>b) At the end of session, phase III part 2 students should be able to Recognise main laproscopic equipment and instruments</p> <p>c) At the end of session, phase III part 2 students should be able to Address common risks and safety issues associated with laparoscopic surgery, such as those associated with entry techniques and use of energy devices</p> <p>d) At the end of session, phase III part 2 students should be able to describe operative steps for common laparoscopic procedures such as ovarian cystectomy and treatment of ectopic pregnancy</p> <p>e) At the end of session, phase III part 2 students should be able to describe techniques for specimen retrieval, adhesion prevention and port closure.</p>	20.01.2023	9.30-10.30	Bedside clinic, Small group discussion	Clinical assessment/ Viva voce		
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OG38.2	Hysteroscopy	K/S/A/C	KH	Y	<p>a) At the end of session, phase III part 2 students should be able to list the equipment and supplies needed for laparoscopic (L/S) sterilization</p> <p>b) At the end of session, phase III part 2 students should be able to Explain the steps/types of L/S sterilization</p> <p>c) At the end of session, phase III part 2 students should be able to Describe L/S entry techniques/ trocar insertion are covered in other modules</p> <p>d) At the end of session, phase III part 2 students should be able to List possible complications of L/S sterilization</p> <p>e) At the end of session, phase III part 2 students should be able to Observe correct application of fallop rings</p>	20.01.2023		<p>Bedside clinics, Small group discussion</p>	<p>Clinical assessment/ Viva voce</p>			
							9.30-10.30					

OG38.3	Lap sterilization	K/S/A/C	KH	Y	<p>a) At the end of session, phase III part 2 students should be able to list the equipment and supplies needed for laparoscopic (L/S) sterilization</p> <p>b) At the end of session, phase III part 2 students should be able to Explain the steps/types of L/S sterilization</p> <p>c) At the end of session, phase III part 2 students should be able to Describe L/S entry techniques/ trocar insertion are covered in other modules</p> <p>d) At the end of session, phase III part 2 students should be able to List possible complications of L/S sterilization</p> <p>e) At the end of session, phase III part 2 students should be able to Observe correct application of fallop rings</p>	20.01.2023	9.30-10.30	Bedside clinics, Small group discussion	Clinical assessment/ Viva voce		
OG38.4	Assess the need for and issue proper medical certificates to patients for various purposes	K/S/A/C	KH	Y	<p>a) At the end of session, phase III part 2 students should be able to Discuss the purpose of medical certificates</p> <p>b) At the end of session, phase III part 2 students should be able to Discuss the limitations</p>	10.05.2023	2.30-4.30	Bedside clinics, Small group discussion	Clinical assessment/ Viva voce		

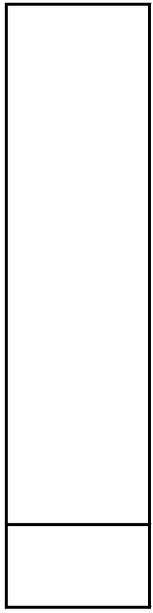
		Column C: K- Knowledge, S – Skill, A - Attitude / professionalism, C- Communication. Column D: K – Knows, KH - Knows How, SH - Shows how, P- performs independently, Column F: DOAP session – Demonstrate, Observe, Assess, Perform.
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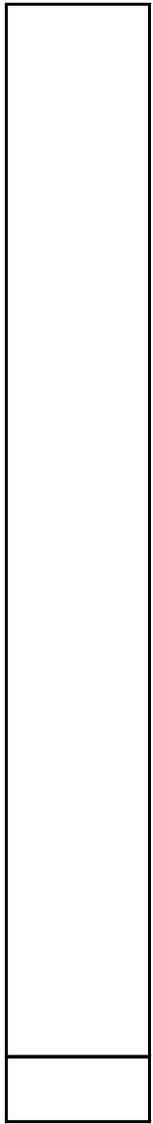
		Column H: If entry is P: indicate how many procedures must be done independently for certification/ graduation
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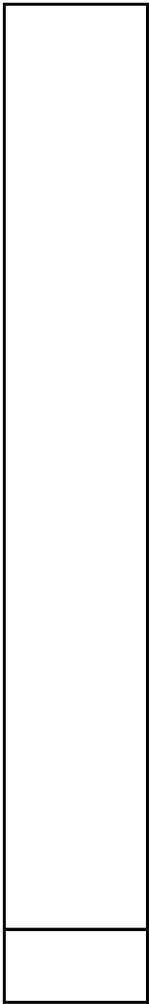
Horizontal
Integration



Pediatrics



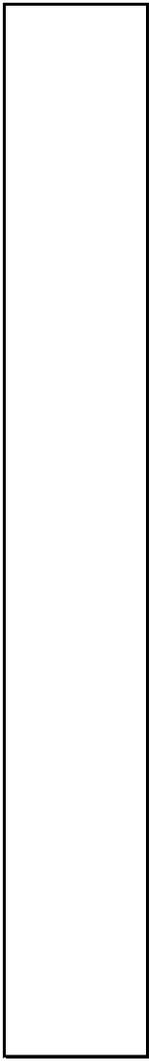


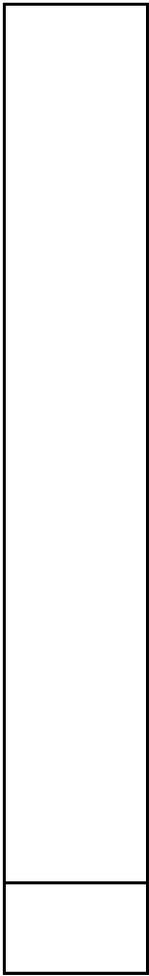


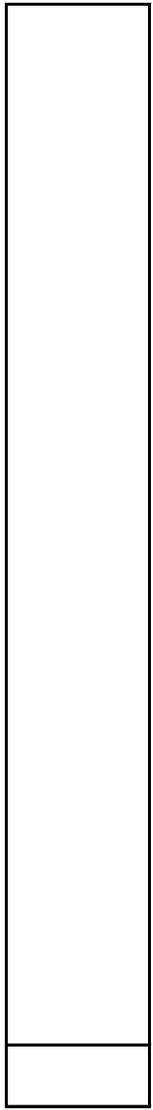


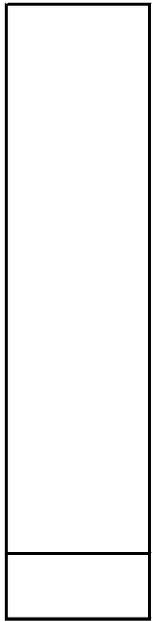
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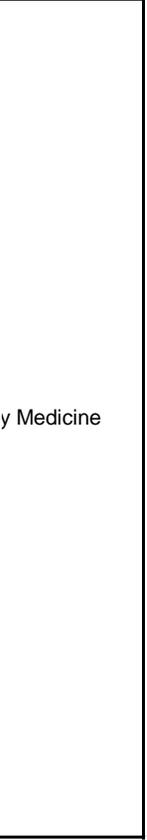




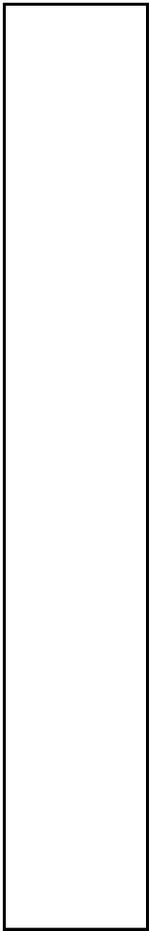




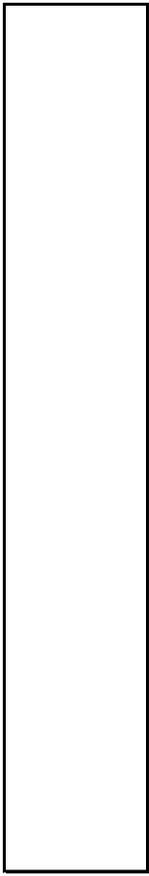


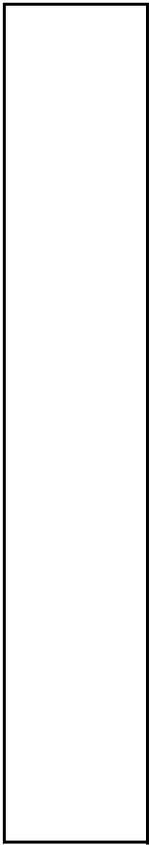


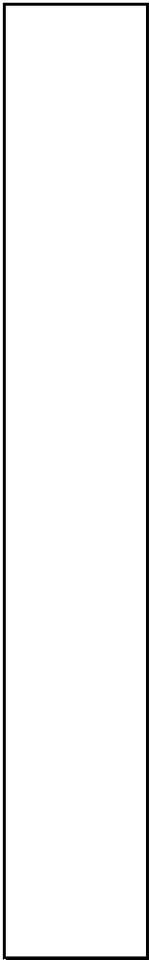
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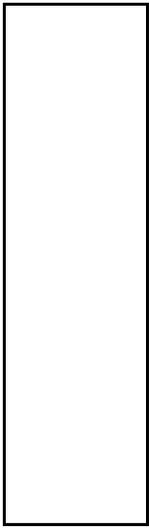


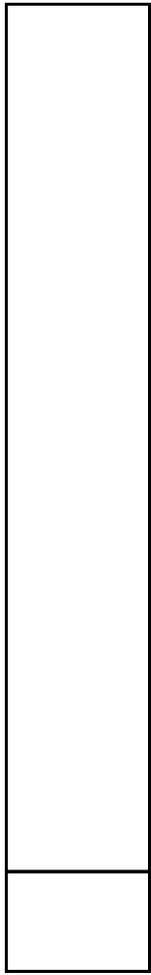
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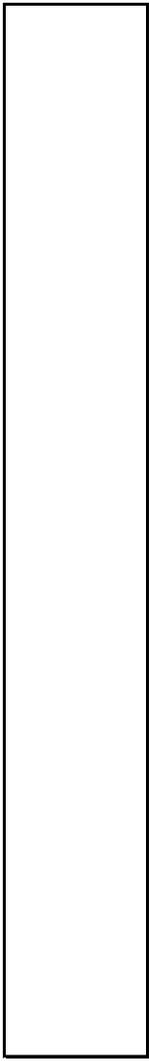


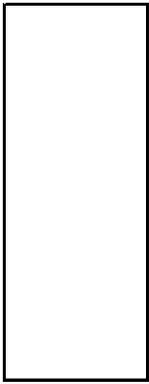


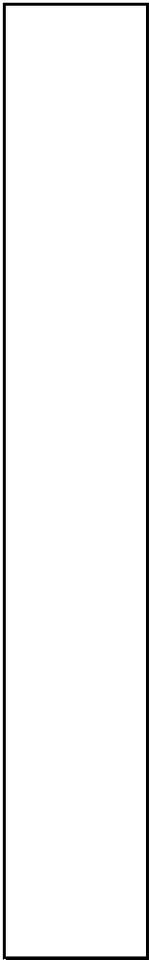




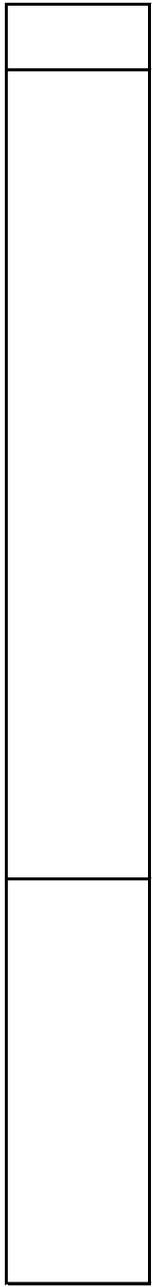


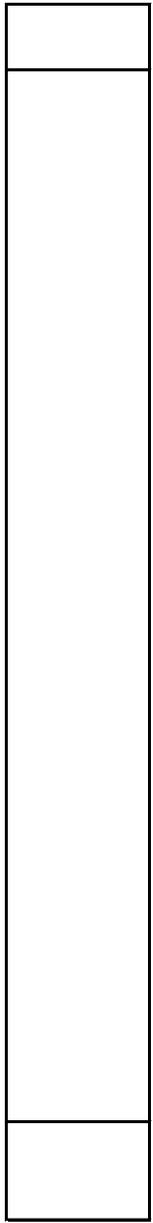




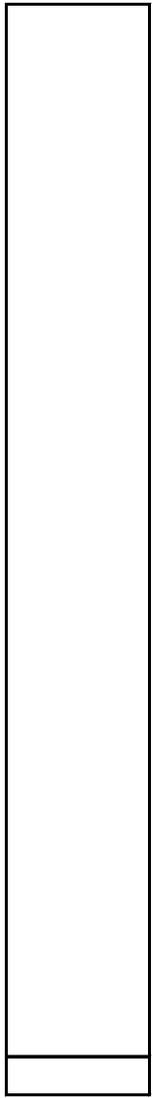


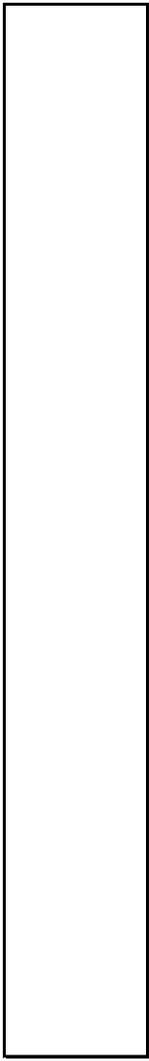
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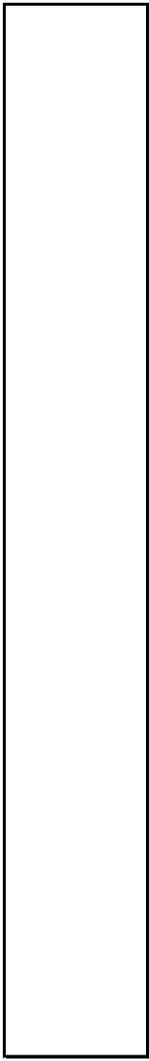


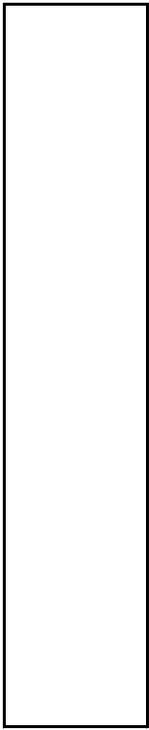


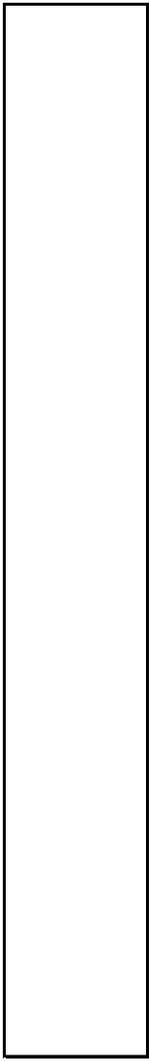
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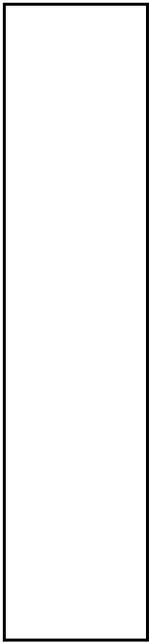


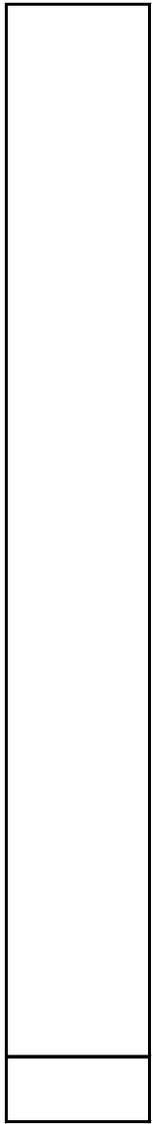


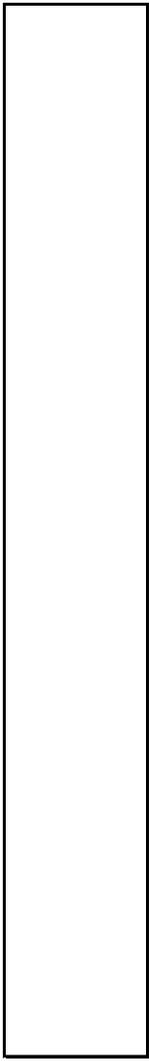


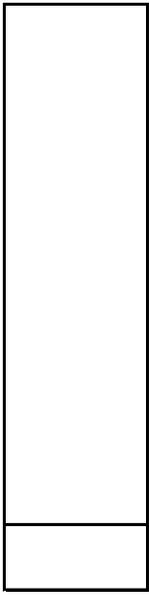


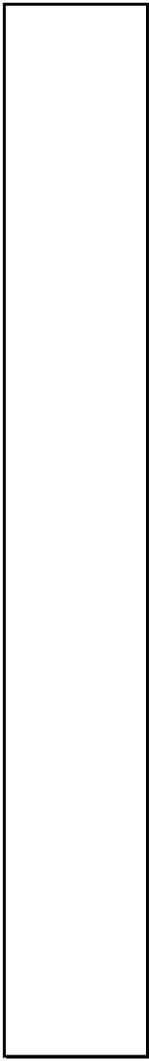


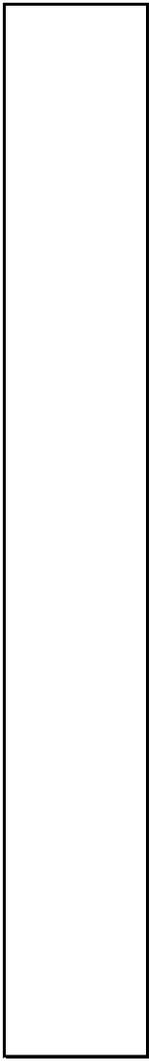


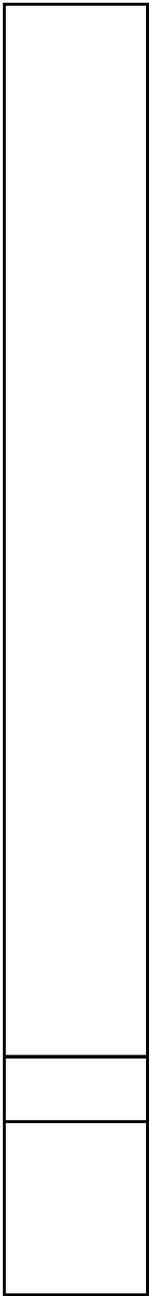


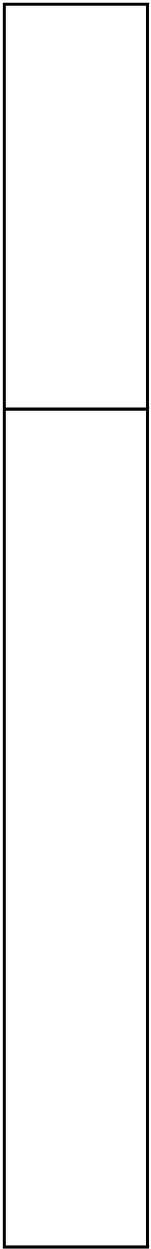






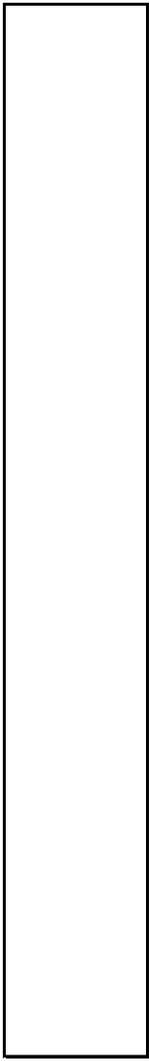






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