

Number	COMPETENCY The student should be able to:	OBJECTIVES At the end of the session,session, phase 3 part 2 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
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	1. Define birthrate 2. Define maternal mortality 3. describe causes of maternal mortality 4. document recent maternal mortality rate. 5. discuss prevention of maternal mortality 6. document recent birthrate	K	KH	Y	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	1. define perinatal mortality and morbidity. 2. define neonatal mortality 3. discuss causes of perinatal mortality. 4. discuss causes of neonatal mortality. 5. discuss prevention of perinatal mortality. 6. discuss prevention of neonatal mortality. 7. document recent perinatal mortality rate. 8. document recent neonatal mortality rate.	K	KH	Y	Lecture, Small group discussion	Short notes		Community Medicine
OG1.3	Define and discuss still birth and abortion	1. define still birth. 2. discuss causes of stillbirth. 3. define abortion. 4. classify abortion. 5. discuss causes of abortion. 6. enumerate investigations of abortion 7. illicit treatment of abortion	K	KH	Y	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.	1. discuss development of female reproductive tract 2. describe anatomy of vulva 3. discuss blood nerve & lymphatic supply of vulva. 4. describe anatomy of vagina. 5. discuss blood nerve and lymphatic supply of vagina. 6. describe anatomy of cervix and uterus. 7. discuss blood nerve & lymphatic supply of cervix and uterus. 8. describe anatomy of fallopian tube. 9. discuss blood nerve & lymphatic supply of fallopian tube. 10. describe anatomy of ovary. 11. discuss blood nerve & lymphatic supply of ovary. 12. enumerate applied anatomy of female reproductive tract.	K	KH	Y	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.	1. describe oogenesis. 2. describe spermatogenesis 3. describe physiology of ovulation. 4. describe fertilisation . 5. discuss implantation. 6. define menstrual cycle.	K	K	Y	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	1. describe basic embryology of fetus. 2. describe inner cell mass. 3. document principal events of embryonic and fetal development. 4. describe fetal physiology 5. describe fetal circulation. 6. discuss development of placenta 7. describe structure of placenta 8. describe placental functions 9. define teratogenesis.	K	K	Y	Lecture, Small group discussion	Theory		Human Anatomy
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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	1. discuss anaemia with pregnancy 2. discuss heart disease 3. discuss diabetes with pregnancy 4. discuss thyroid disorders with pregnancy 5. discuss viral infections with pregnancy 6. discuss hiv with pregnancy	K/S	SH	Y	Lecture, Bedside clinics	Theory/ clinical assessment		
OG5.2	Determine maternal high risk factors and verify immunization status	1. describe maternal high risk factors 2. discuss immunisation status. 3. elicit immunisation status	K/S	SH	Y	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.	1. discuss symptoms and signs of first trimester of pregnancy 2. discuss symptoms and signs of second trimester of pregnancy 3. discuss symptoms and signs of third trimester of pregnancy 4. innumerate differnetial diagnosis of pregnancy 5. discuss principles of pregnancy test. 6. perform independently pregnancy test	S	SH	Y	Lecture, Small group discussion, Bedside clinics	Theory/ Clinical assessment/ Viva voce		
Topic: Maternal Changes in pregnancy		Number of competencies: (01)				Number of procedures that require certification : (NIL)			
OG7.1	Describe and discuss the changes in the genital tract, cardiovascular system, respiratory, haematology, renal and gastrointestinal system in pregnancy	1. describe genital organ changes during pregnancy 2. describe CBS changes during pregnancy 3. describe respiratory system changes during pregnancy 4. discuss haematological changes during pregnancy 5. describe renal system changes during pregnancy 6. describe git system changes during pregnancy	K	KH	Y	Lecture, seminars	Theory		Physiology
Topic: Antenatal Care		Number of competencies: (08)				Number of procedures that require certification : (NIL)			
OG8.1	Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors.	1. discuss objectives of anc 2. demonstrate the assessment of period of gestation 3. discuss the screening for high risk factors	K	KH	Y	Small group discussion, Bedside clinics, Lecture	Written/ Viva voce/ Skill assessment		Community Medicine
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	1. discuss obstetrical history 2. present menstrual history 3. elicit last menstrual period 4. elicit present and past medical history 5. elicit surgical history.	K/S	SH	Y	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;	At the end of the session the phase 3 part 2 mbbs student must be able to : 1. Describe general physical examination of a full term ante natal patient 2. describe per abdominal examination of a full term ante natal patient 3. demonstrate general physical examination of a full term ante natal patient in the clinic 4. demonstrate per abdominal examination of a full term ante natal patient in the clinic	K/S	SH		Bed side clinic, DOAP session	Skill assessment			
OG8.4	Describe and demonstrate clinical monitoring of maternal and fetal well-being	1. enumerate clinical parameters to be looked for at every ante natal visit 2. enumerate the bio physical test for ante natal fetal surveillance in late pregnancy.	K/S	SH		Bedside clinic, DOAP session, Small group discussion	Skill assessment/ Written/ Viva voce			
OG8.5	Describe and demonstrate pelvic assessment in a model	1. describe methods of pelvic assessment accurately 2. demonstrate methods of pelvic assessment of brim in a model accurately 3. demonstrate methods of pelvic assessment of mid pelvis in a model accurately 4. demonstrate methods of pelvic assessment of outlet in a model accurately	K/S	SH		DOAP session	Skill assessment			
OG8.6	Assess and counsel a patient in a simulated environment regarding appropriate nutrition in pregnancy	1. document the daily calorie and protein intake of ante natal patient. 2. discuss with the patient her recommended daily allowance of calorie protein iron calcium folic acid B12 in pregnancy. 3. discuss with the patient her recommended daily allowance of calorie protein iron calcium folic acid B12 in lactation. 4. describe to the patient the food sources of various nutrients.	K/S	SH		DOAP session, Bedside clinic	Skill assessment			
OG8.7	Enumerate the indications for and types of vaccination in pregnancy	1. enumerate vaccinations to be given in pregnancy. 2. enumerate indications of vaccinations in pregnancy.	K	KH		Lecture, Small group discussion	Written/ Viva voce			
OG8.8	Enumerate the indications and describe the investigations including the use of ultrasound in the initial assessment and monitoring in pregnancy	1. enumerate the routine investigations in pregnancy. 2. enumerate special investigations in pregnancy. 3. enumerate bio physical test for fetal surveillance in pregnancy. 4. discuss the NST test. 5. discuss the components of BPP 6. discuss the indications of BPP 7. discuss how frequently will he order BPP in a high risk pregnancy	K	KH		Lecture, Small group discussion	Written/ Viva voce			

Topic: Complications in early pregnancy		Number of competencies: (05)				Number of procedures that require certification: (NIL)				
OG9.1	Classify, define and discuss the aetiology and management of abortions including threatened, incomplete, inevitable, missed and septic	1. define abortion. 2. classify abortion 3. discuss aetiology of abortion 4. discuss clinical features of threatened abortion 5. discuss clinical features of complete abortion 6. discuss clinical features of incomplete abortion 7. discuss clinical features of septic abortion 8. discuss clinical features of missed abortion 9. discuss the management of complete abortion 10. discuss the management of incomplete abortion 11. discuss the management of threatened abortion 12. discuss the management of missed abortion 13. discuss the management of septic abortion	K	KH		Lecture, Small group discussion	Written/ Viva voce			
OG9.2	Describe the steps and observe/ assist in the performance of an MTP evacuation	1. describe the steps of MTP evacuation 2. assist in the performance of an MTP evacuation	S	SH	Y	DOAP session, Bedside clinic	Viva voce		Forensic Medicine	
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	1. describe the aetiology of acute abdomen in early pregnancy 2. describe the clinical features of acute abdomen in early pregnancy 3. describe the differential diagnosis of acute abdomen in early pregnancy 4. describe the clinical findings of ectopic pregnancy 5. describe the indications of medical management in ectopic pregnancy 6. describe the indications of surgical management in ectopic pregnancy 7. discuss the monitoring in medical management. 8. discuss the surgical management 9. classify ectopic depending on sight.	K	KH		Lecture, Small group discussion	Written/ Viva voce			

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OG10.2	Enumerate the indications and describe the appropriate use of blood and blood products, their complications and management	K	KH	Y	1.Enumerate indication of blood and blood products 2. describe the blood and products 3.complications 4.management	K	Lecture				
OG11.1	Describe the etiopathology, clinical features; diagnosis and investigations, complications, principles of management of multiple pregnancies	K	KH	Y	1.etiology 2.clinical feature 3.diagnosis 4.investigations 5. complication and management	K	Lecture				
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/S	SH	Y	1. definition 2. classification 3. etiology 4. pathophysiology 5.early detection 6.investigations 7.principles of management 8.complications of pre eclampsia 9. management of eclampsia	K	Bedside clinics	Clinical assessment/ Viva voce			
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	A/C	SH	Y	1. definiton 2. etiology 3.pathophysiology 4.diagnosis 5. investigation 6.management	K	Bedside clinics	Clinical assessment/ Viva voce			
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/S	SH	Y	1.define and classify diabetic disorder 2.etiology and pathophysiology 3. diagnosis 4.adverse effects on mother and fetus 4. complications of diabetes	KH	Bedside clinics	Clinical assessment/ Viva voce			
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	A/C	SH	Y	1.define and classify heart disorder 2.etiology and pathophysiology of heart disease 2. diagnosis 3.adverse effects on mother and fetus 4. complications of heart disease	K	Bedside clinics	Clinical assessment/ Viva voce			
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	S	SH	Y	1. describe urinary tract infection 2.clinical featus and detection 3. effect on pregnancy 4.complication and management	K	Bedside clinics	Clinical assessment/ Viva voce			
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	S	SH	Y	1. describe and clinical features 2.effect of pregnancy on disease 3.complication and management	K	Bedside clinics	Clinical assessment/ Viva voce			
OG12.7	Describe and discuss screening, risk factors, management of mother and newborn with HIV	S	SH	Y	1.describe screening of HIV 2.risk factors 3. management of mother and fetus	K	Bedside clinics	Clinical assessment			
OG12.8	Describe the mechanism, prophylaxis, fetal complications, diagnosis and management of isoimmunization in pregnancy	S	SH	Y	1.mechanism of isoimmunisation 2. prophylaxis 3. fetal complication 4. diagnosis and management	KH	Bedside clinics	Clinical assessment/ Viva voce			
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.	S	SH	Y	descibe physiology of normal labour 2. mechanism of labour 3.monitoring of labour 4.principles of induction 5.management of third stage of labour	KH/S	DOAP session	Skill assessment			
OG13.2	Define, describe the causes, pathophysiology, diagnosis, investigations and management of preterm labor, PROM and postdated pregnancy	S	SH	Y	1. define pre term labour PROM and post dated pregnancy 2.causes 3.pathophysiology 4. diagnosis and investigation 5. management	K	DOAP session	Skill assessment			
OG13.3	Observe/ assist in the performance of an artificial rupture of membranes	S	SH	Y	1.define artificial rupture of membranes 2.how to rupture membranes 3.indication 4.complication	K/KH	DOAP session	Skill assessment			
OG13.4	Demonstrate the stages of normal labor in a simulated environment / mannequin and counsel on methods of safe abortion	K/S/A/C	KH	Y	1.define normal labour 2. enumerate the stages of labour 3. describe the events in the difficult stages of labour 4. describe the mechanism of normal labour accurately on manequin 5.discuss the management of different stages of normal labour 6. demonstrate the clinical stages of normal labour on manequin accurately	K/KH/S	Bedside clinics,Small group discussion	Clinical assessment/ Viva voce			
OG13.5	Observe and assist the conduct of a normal vaginal delivery	K	SH	Y	demonstrate the conduction of normal vaginal delivery accurately in a manequin	KH/S	DOAP session	Skill assessment			

OG14.1	Enumerate and discuss the diameters of maternal pelvis and types	K	SH	Y	1.enlist the parts of maternal pelvis 2. differentiate between th different types of pelvis 3. enumerate the components of true pelvis 4.describe the inlet of pelvis 5.describe the anatomical outlet 6.describe the obstetic outlet 7.enumerate the planes in pelvic cavity 8.enumerate the segments of pelvic cavity .	K/KH/S	DOAP session	Skill assessment			
OG14.2	Discuss the mechanism of normal labor, Define and describe obstructed labor, its clinical features; prevention; and management	S	SH	Y	1. discuss the mechanism of normal labour 2.define obstructed labour 3.enumerate the causes of obstructed labour 4.describe the clinical features of obstructed labour 5. discuss the prevention of obstructed labour 6. describe the management of normal labour	K/KH/S	DOAP session	Skill assessment			
OG14.3	Describe and discuss rupture uterus, causes, diagnosis and management	K	KH	Y	1. define rupture of membranes 2.define scar dehiscence 3.enumerate causes of rupture uterus 4.describe how to diagnose rupture of uterus 5.enumerate the methods to prevent rupture uterus	K/KH	lecture,DOAP session, Bedside clinics	THEORY			
OG14.4	Describe and discuss the classification; diagnosis; management of abnormal labor	K	KH	YY	1.define abnormal labour/ dystocia 2.classify abnormal labour 3.enumerate the causes of abnormal labour 4.describe the diagnosis 5.discuss the management	K/KH	lecture,DOAP session, Bedside clinics	Skill assessment			
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	K	KH	Y	1.define episiotomy 2.enumerate indications 3.classify 4.differentiate different types of episiotomy 5.demonstrate the steps accurately on manequin 6. describe the post op management 6.enumerate complications 7.define vaccum extraction low forceps cesarean section assisted breech delivery 8.enumerate indications 9.mechanism 10. steps on manequin 10.enumerate contraindications 11.enumerate the complications 12.enlist the prerequisites 13.maneuvre of complicated breech delivery 14.cervical circlage 15.enumerate indication,classify different methods prerequisites ,technique	K/KH/S	lecture,seminars	Skill assessment			
OG15.2	Observe and assist in the performance of an episiotomy and demonstrate the correct suturing technique of an episiotomy in a simulated environment. Observe/Assist in operative obstetrics cases – including - CS, Forceps, vacuum extraction, and breech delivery	S	SH	Y	demonstrate cesarean ,forceps,vaccum extraction ,breech delivery accurately on manequin	KH/S	DOAP session	Skill assessment			
OG16.1	Enumerate and discuss causes, prevention, diagnosis, management, appropriate use of blood and blood products in postpartum haemorrhage	K	KH	Y	1.definition 2.types 3.causes 4.prevention 5.diagnosis 6.management	K/KH	lecture,bedside clinics	THEORY			
OG16.2	Describe and discuss uterine inversion – causes, prevention, diagnosis and management	K	KH	Y	1. describe 2.causes 3. prevention 4. diagnosis 5. management	K/KH	lecture,bedside cinics	THEORY			
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	KH	Y	1.describe 2.causes 3.clinical features 4.diagnosis 5.investigation 6.colour doppler findings 7.management 8.prevention and counselling	K/KH	lecture,bedside cinicsl	THEORY			
OG20.2	In a simulated environment administer informed consent to a person wishing to undergo Medical Termination of Pregnancy (MTP)	K	KH	Y	Inform about gestation age and method of MTP complication of procedure legal formalities required permission of guardian in case of minor or lunatic	K	lecture	THEORY			
OG20.3	Discuss Pre-conception and Pre Natal Diagnostic Techniques (PC&PNDT) Act 1994 & its amendments	K	KH	Y	Definition 2.Year of establishment of Act 3.Year of establishment of Act 4.Clauses of act 5.Amendments done in act	K		THEORY			

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			Y	1-Definition of contraception 2-Methods of contraception 3-Temporary method of contraceptionA -Barrier methods Condom –male and female Method to use, Efficacy, Benefits Diaphragm-method of use ,benefits B- Spermicides C-Rhythm method D- Coitus interruptus E-Breast feeding and lactational ammenorrhoea F-Intrauterine contraceptive device (IUCD) G –steroidal contraceptive-oral, parenteral, device oral –combined ,Mode of action , selection of patient,contraindication How to prescribe a pill,Follow up and missed pill Benefits and side effects of hormonal contraceptives Efficacy and failure rate 4-PERMANENT METHOD OF CONTRACEPTION FEMALE STERILIZATION selection of patient ,contraindication method of sterilization, procedure and complications benefits efficacy and failure rate side effects and method of reversal MALE STERILIZATION EMERGENCY CONTRACEPTIONMode of action Efficacy Side effects	K		lecture	THEORY			
OG21.2	Describe & discuss PPIUCD programme	K	KH	Y	1.Definition 2.Selection of patients 3.Method of insertion 4. Efficacy 5.Complications	K	lecture,bedside clinics	THEORY				
OG22.1	Describe the clinical characteristics of physiological vaginal discharge.	K	K	Y	DEFINITION 2.CHARACTERISTICS OF NORMAL VAGINAL DISCHARGE 3. PATHOPHYSIOLOGY OF PHYSIOLOGICAL VAGINAL DISCHARGE 4.CAUSES OF EXCESSIVE VAGINAL DISCHARGE	K	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	K	Y	CAUSES AT DIFFERENT LIFE TIME FROM CHILDHOOD TO POST MENOPAUSAL PATHOGENESIS AND ETIOLOGY OF ABNORMAL VAGINAL DISCHARGE EVALUATION OF PATIENT WITH ABNORMAL DISCHARGE HISTORY EXAMINATION INVESTIGATION MANAGEMENT-	K	lecture,bedside clinics	THEORY				
OG23.1	Describe and discuss the physiology of puberty, features of abnormal puberty, common problems and their management	K	K	Y	Definition Morphological changes Endocrinological changes Tanner staging Abnormal puberty Common problems of puberty –delayed puberty –precocious puberty -menstrual abnormalities	K	lecture,bedside clinics	THEORY				
OG23.2	Enumerate the causes of delayed puberty. Describe the investigation and management of common causes	K	K	Y	Definition Causes of delayed puberty Etiopathology Diagnosis Investigation Treatment	K	lecture	THEORY				
OG23.3	Enumerate the causes of precocious puberty	K	K	Y	causes of precocious puberty	K	lecture	THEORY				
OG24.1	Define, classify and discuss abnormal uterine bleeding, its aetiology, clinical features, investigations, diagnosis and management	K	K	Y	Definition Incidence Pathophysiology Ovular bleeding Anovular bleeding Histopathological changes in uterus and ovary Investigation-Histopathology Management Medical Surgical	K	lecture	THEORY				
OG25.1	Describe and discuss the causes of primary and secondary amenorrhoea, its investigation and the principles of management	K	K	Y	DEFINITION 1-PHYSIOLOGICAL AMENORRHEA 2-Pathological amenorrhoea a- cryptomenorrhoea definition causes –congenital -acquired pathology clinical features treatment b-primary amenorrhoea definition causes investigations management	K	Lecture	THEORY				
OG26.1	Describe and discuss the etiopathogenesis, clinical features; investigation and implications on health and fertility and management of endometriosis and adenomyosis	K	K	Y	Definition of endometriosis and adenomyosis sites , pathogenesis , pathology , clinical features of endometriosis , examination –abdominal,vaginal, investigations,complication treatment –medical ,surgical. Effect of endometriosis and adenomyosis on health and fertility	K	Lecture	THEORY				
OG37.6	Observe and assist in the performance of outlet forceps application of vacuum and breech delivery	S	SH	Y	Discuss outlet forcep , perform on manequin ,pre requisite for forceps	SH	DOAP session, BEDSIDE CLIN	Skill assessment				

OG17.1	Describe and discuss the physiology of lactation	K	KH	Y	1. Discuss mamogenesis 2. Discuss lactogenesis 3. Discuss galactokinase 4. Describe maintenance of lactation	lectures, small groups, discussion		written /viva voce
OG17.2	Counsel in Simulated environment, care of breast and importance and technique of breast feeding	S/A/C	SH	Y	1. Counsel in simulated environment care of breast 2. Demonstrate on the patient the technique of breast feeding 3. Inform the importance of breast feeding	DOAP session		Skill assessment
OG17.3	Describe and discuss the assessment of maturity of the newborn, diagnosis of birth asphyxia, principles of resuscitation, common problems	K	KH	Y	1. Enumerate the symptoms of mastitis 2. Discuss the diagnosis of mastitis 3. Describe the features of mastitis 4. Enumerate the clinical features, diagnosis and management of breast abscess	Small group, lectures, discussion		Written/Viva voce
OG18.1	Describe and discuss the assessment of maturity of the newborn, diagnosis of birth asphyxia, principle of resuscitation, common problems	K	KH	Y	1. Describe the assessment of maturity of newborn 2. Discuss the diagnosis of birth asphyxia 3. Enumerate the principles of resuscitation 4. Discuss the common problems of birth asphyxia	Lectures, small group, discussion		Written/viva voce
OG18.2	Demonstrate the steps of neonatal resuscitation in simulated environment	S	SH	Y	1. Demonstrate the step of neonatal resuscitation 2. Describe the diagnosis of birth asphyxia 3. Discuss the diagnosis of birth asphyxia	DOAP session		Skill assessment
OG18.4	Describe the principles of resuscitation of the newborn and enumerate the common problems encountered	K	KH	Y	1. Describe the principles of resuscitation of the newborn 2. Enumerate the common problems encountered during resuscitation of baby	Lectures, small groups, discussion		Written/ viva voce
OG19.1	Describe and discuss the physiology of puerperium, its complications, diagnosis and management, counselling for contraception, puerperal sterilization	K	KH	Y	1. Describe the physiology of puerperium 2. Enumerate the complications of puerperium 3. Discuss the diagnosis of puerperium 4. Discuss the management of normal puerperium 5. Discuss the counselling of contraception during puerperium 6. Describe the methods of puerperal sterilization	Lectures, small groups, discussion Bedside clinics		Written/viva voce

OG19.2	Council in simulated environment		S/A/C	SH	Y	1.Document the method of contraception during puerperium	DOAP Session, Intraoperative			Skill assessment
	Contraception and puerperial sterilization					2.Council for sterilization during puerperium				
						3.Demonstrate the method of tubal ligation				
OG20.1	Enumerate the indications and describe the legal aspect, indication methods for 1st and 2nd trimester MTP, complication and management of complications of MTP		K	KH	Y	1.Enumerate the indications of MTP	Lectures, small group na discussion			Written/ viva voce
						2.Discuss the legal aspect of MTP				
						3.Describe the indications of MTP				
						4.Enumerate the method for 1st and 2nd trimester MTP				
						5.List the complications of MTP				
						6.Discuss the management of MTP				

OG26.2	Describe the causes, prevention, clinical features, principles of management of genital injuries and fistulae	k	KH	N	1.Describe genital injuries and fistulae 2.causes 3.clinical features 4.prevention 5.management	LECTURE,small group discussions	Written/ Viva voce
OG27.1	Describe and discuss the etiology, pathology, clinical features,differential diagnosis, investigations, management and long term implications of sexually	k	KH	Y	Describe the etiology, pathology,clinical features, differential diagnosis of STDs 2.investigations ,management	LECTURE,small group discussions	Written/ Viva voce
OG27.2	Describe and discuss the etiology, pathology, clinical features,differential diagnosis, investigations, management and long term implications of genital	k	KH	Y	DEscribe the etiology, pathology,clinical features, differential diagnosis of GENITAL TB 2.investigations	LECTURE,small group discussions	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	DEscribe the etiology, pathology,clinical features, differential diagnosis of HIV 2.investigations ,management	LECTURE,small group discussions	Written/ Viva voce
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	DEscribe the etiology, pathology,clinical features, differential diagnosis of PID 2.investigations ,management ,long term implications	LECTURE,small group discussions	Written/ Viva voce
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	DEFINE INFERTILITY, causes, pathogenesis,clinical features ,differential diagnosis and investigations 2.principles of management 3.methods of tubal patency 4.ovulation induction 5.assisted reproductive techniques	Lecture, seminars, bedside clinics	Written/ Viva voce
OG28.2	Enumerate the assessment and restoration of tubal latency	K	KH	N	1.enumerate the assessment 2.restoration of tubal patency	Lecture, seminars, bedside clinics	Written/ Viva voce
OG28.3	Describe the principles of ovulation induction	K	KH	Y	Principles of ovulation induction	Lecture, seminars, bedside clinics	Written/ Viva voce
OG28.4	Enumerate the various Assisted Reproduction Techniques	K	KH	N	1.Describe ART 2.Various techniques	Lecture, seminars, bedside clinics	Written/ Viva voce

OG29.1	Describe and discuss the etiology; pathology; clinical features; differential diagnosis; investigations; principles of management, complications of fibroid uterus	K	KH	Y	Describe fibroid uterus, etiology, pathology, clinical features, D/D, investigations 2. principles of management 3. complications	Lecture, bedside clinics	Theory/ OSCE/ Clinical Assessment/ Viva voce
OG30.1	Describe and discuss the etiopathogenesis; clinical features; differential diagnosis; investigations; management, complications of PCOS	K	KH	Y	1. Describe PCOS 2. etiopathogenesis 3. clinical features 4. differential diagnosis 5. investigations 6. principles of management 7. complications	lecture	Theory/ OSCE/ Clinical Assessment/ viva voce
OG30.2	Enumerate the causes and describe the investigations and management of hyperandrogenism	K	KH	N	1. Enumerate causes 2. investigations 3. management	lecture	Theory/ OSCE/ Clinical Assessment/ Viva voce
OG37.7	Observe and assist in the performance of MTP in the first trimester and evacuation in incomplete abortion	K/S	KH	Y	1. Observe MTP techniques of MTP evacuation assistance 2. 3.	Bedside clinics, Small group discussion	Clinical assessment/ Viva voce
OG38.1	Laparoscopy	K/S	KH	Y	1. Define 2. indication 3. steps 4. complication	Bedside clinic, Small group discussion	Clinical assessment/ Viva voce

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	Horizontal Integration
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	1. Etiology, 2. Classification, 3. Clinical features, 4. Diagnosis, 5. Investigation, 6. Management, 7. Prevention of Prolapse of Uterus	K	Bedside Clinic			
OG32.1	Describe and discuss the physiology of menopause, symptoms, prevention, management and the role of hormone replacement therapy.	K	KH	Y	1. Define, 2. Physiology, 3. Symptoms, 4. Indications, 5. Management, 6. Risk factor, 7. Role, 8. Prevention, 9. Available Prepration for HRT	K	Lecture, Small group descussion			
OG32.2	Enumerate the causes of postmenopausal bleeding and describe its management	K	KH	Y	1. Define, 2. Causes, 3. Investigations, 4. Treatment of Post-menopausal bleeding	K	Lecture, Bedside Clinic			
OG33.1	Classify, describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations and staging of cervical cancer	K/S	KH	Y	1. Define, 2. Etiology, 3. Classification, 4. Pathogenesis, 5. Clinical features, 6. Differential Diagnosis, 7. Investigatiion, 8. Stages of Cervical Cancer	K/S	Lecture, Small group descussion			
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	1. Describe, 2. Classification, 3. Pathogenesis, 4. HPV, 5. Diagnosis, 6. Investigations, 7. Treatment (Preventive & Definitive), 8. Recurance of CIN, 9. Hysterectomy/Radiotherapy	K	Lecture, Small group descussion / Bedside Clinic			
OG33.3	Describe and demonstrate the screening for cervical cancer in a simulated environment	K/S	SH	Y	1. Cytological Screening, 2. HPV DNA testing, 3. VIA, 4. Colposcopy, 5. Indication	K	L			
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	1. Describe methods to prevent cervical cancer including VIA, VILI, Paps Smear, 2. Biopsy with/without Colposcopy	K	Lecture, Video, Small group discussion			
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	1. Define, 2. Incidence, 3. Etiology, 4. Pathology, 5. Staging clinical features, 6. Diagnosis, 7. Investigation, 8. Laparotomy, 9. Management of endometrial cancer	K	Lecture, Bedside Clinic			

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	1. Etiology, 2. Pathology, 3. Classification, 4. Staging of Ovarian Cancer, 5. Symptoms, 6. Differential Diagnosis, 7. Investigation, 8. Principle of management including staging laparotomy	K / S	Lecture			
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	1. Define, 2. Etiology, 3. Pathology, 4. Classification, 5. Staging, 6. Differential Diagnosis, 7. Investigations, 8. Management of GTD	K/S	Lecture, Viva			
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	Operations (technique, complication & management) - 1. D&C, 2. EA-ECC, 3.Cervical Biopsy- type, indication, procedure, advantage, complication, 4. Abdominal Hysterectomy, 5. Myomectomy, 6. Surgery for Ovarian Tumors, 7. Laparotomy, 8. Vaginal hysterectomy (pelvic floor repair), 9. Fothergill's operation, 10. Laproscopy, 11. Hystoscopy	K	Lecture, Video, Observe procedure or surgeries			
OG35.1	Obtain a logical sequence of history, and perform a human and thorough clinical examination, excluding internal examinations (per-rectal and per-vaginal)	K/S	SH	Y	1. Define logical sequence of history, 2. Aim & Objectives, 3. Obstetrics (1st, 2nd & 3rd Trimester), 4. Obstetrics History, 5. Clinical Examination (General physical & systemic)	K	Lecture, Bedside Clinic, Viva voce			
OG38.1	Laparoscopy	K/S/A/C	KH	Y	1. Define, 2. Advantages & Disadvantage, 3. Indications, 4. Contraindications, 5. Operative Procedure, 6. Complications, 7. Management for Laparoscopy	K	Lecture, Video, Small group discussion			

Number	COMPETENCY The student should be able to:	Domain K/S/A/C	Level K/KH/ SH/P	Core (Y/N)	OBJECTIVES	DOMAIN	Suggested Teaching Learning Method	Suggested Assessment Method	Number requires to certify P	Vertical Integration	Horizontal Integration
OG35.2	Arrive at a logical provisional diagnosis after examination.	K/S	SH	Y	a) at the end of session MBBS student phase 3 part 2 must be able to classify diagnosis in different categories. b) at the end of session MBBS student phase 3 part 2 must be able to present diagnosis of different variety. c) at the end of session MBBS student phase 3 part 2 must be able to enumerate, describe, present, identify the differential diagnosis related to particular case. d) at the end of session MBBS student phase 3 part 2 must be able to choose the lab tests responsible to reach at final diagnosis.	a) K b) S c) K d) S	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 session MBBS student phase 3 part 2 must be able to describe in emergencies availability of health facilities and limiting factors in providing treatment. b) at the end of session MBBS student phase 3 part 2 must be able to identify those emergencies in which available facilities are limited factor in treatment. c) at the end of session MBBS student phase 3 part 2 must be able to choose the level of health care system require urgently by the patient. d) at the end of session MBBS student phase 3 part 2 must be able to analyse the requirement of health facilities by the serious patient among four levels of health care system. e) at the end of session MBBS student phase 3 part 2 must be able to discuss the factors that can improve patients prognosis in prompt patient referral processes. f) at the end of session MBBS student phase 3 part 2 must be able to identify the factors that can improve patients prognosis during prompt referral to secondary and tertiary level. g) at the end of session MBBS student phase 3 part 2 must be able to describe first aid for particular patient. h) at the end of session MBBS student phase 3 part 2 must be able to demonstrate first aid to particular patient before referral.	a) K b) S c) K d) S e) K f) S g) K h) S	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	a) at the end of session MBBS student phase 3 part 2 must be able to demonstrate understanding of patients illness and situation to relatives using soft skills. b) at the end of session MBBS student phase 3 part 2 must be able to counsel the patient or his relatives according to the situations so that better options can be adopted in favour of treatment. c) at the end of session MBBS student phase 3 part 2 must be able to inform the patient or relative about management and progress by frequent communication. d) at the end of session MBBS student phase 3 part 2 must be able to counsel the patient and relative in aspect which enhances prognosis of illness, using good interpersonal skills.	a) A/C b) A/C c) A/C d) A/C	Bedside clinics	Clinical assessment/ Viva voce			
OG35.5	Determine gestational age, EDD and obstetric formula	K/S	SH	Y	a) at the end of session MBBS student phase 3 part 2 must be able to describe gestational age. b) at the end of session MBBS student phase 3 part 2 must be able to elicit EDD. c) at the end of session MBBS student phase 3 part 2 must be able to elicit obstetric formula. d) at the end of session MBBS student phase 3 part 2 must be able to analyse gestational age. e) at the end of session MBBS student phase 3 part 2 must be able to interpret EDD. f) at the end of session MBBS student phase 3 part 2 must be able to present obstetrics formula.	a) K b) K c) S d) S e) S f) S	Bedside clinics	Clinical assessment/ Viva voce			
OG35.6	Demonstrate ethical behavior in all aspects of medical practice.	A/C	SH	Y	a) at the end of session MBBS student phase 3 part 2 must be able to demonstrate understanding of different principles of medical ethics. b) at the end of session MBBS student phase 3 part 2 must be able to interpret the sensitive situation during treatment process and behave ethically. c) at the end of session MBBS student phase 3 part 2 must be able to counsel the patient or relatives in aspect of autonomy and justice. d) at the end of session MBBS student phase 3 part 2 must be able to inform the patient and relatives in aspect of accountability. e) at the end of session MBBS student phase 3 part 2 must be able to demonstrate good communicative skills with patient and relatives.	a) A/C b) A/C c) A/C d) A/C e) A/C	Bedside clinics	Clinical assessment/ Viva voce			
OG35.7	Obtain informed consent for any examination / procedure	S	SH	Y	a) at the end of session MBBS student phase 3 part 2 must be able	a) A/C	Bedside clinics	Clinical assessment/			

					to document informed consent after analysing illness. b) at the end of session MBBS student phase 3 part 2 must be able to demonstrate different components of informed consent. c) at the end of session MBBS student phase 3 part 2 must be able to identify all points that should be written in informed consent. d) at the end of session MBBS student phase 3 part 2 must be able to demonstrate understanding of informed consent by patient or relatives.	b) A/C c) A/C d) A/C		Viva voce			
OG35.8	Write a complete case record with all necessary details	S	SH	Y	a) at the end of session MBBS student phase 3 part 2 must be able to document all clinical findings. b) at the end of session MBBS student phase 3 part 2 must be able to record case events accuracy and legibility of contents. c) at the end of session MBBS student phase 3 part 2 must be able to record the case in a way that data remain protected and confidential. d) at the end of session MBBS student phase 3 part 2 must be able to document complete complaints with leading questions asked to elicit the provisional diagnosis. e) at the end of session MBBS student phase 3 part 2 must be able to document past, family, personal, menstrual, obstetrical history. f) at the end of session MBBS student phase 3 part 2 must be able to document complete general and physical examination of patient. g) at the end of session MBBS student phase 3 part 2 must be able to documentation and demonstration of physician notes. h) at the end of session MBBS student phase 3 part 2 must be able to documentation and demonstration of ancillary report. i) at the end of session MBBS student phase 3 part 2 must be able to documentation and demonstration of diagnostic test and lab reports. j) at the end of session MBBS student phase 3 part 2 must be able to document operative and post operative notes. k) at the end of session MBBS student phase 3 part 2 must be able to document anaesthesiology notes. l) at the end of session MBBS student phase 3 part 2 must be able to document pathology notes. m) at the end of session MBBS student phase 3 part 2 must be able to document frequent assessment. n) at the end of session MBBS student phase 3 part 2 must be able to report plan for further management. o) at the end of session MBBS student phase 3 part 2 must be able to analyse if any legal issue of awareness in medical aspect. p) at the end of session MBBS student phase 3 part 2 must be able to demonstrate how to present the record whenever required.	a) S b) S c) S d) S e) S f) S g) S h) S i) S j) S k) S l) S m) S n) S o) S p) S	Bedside clinics	Clinical assessment/ Viva voce			
OG35.9	Write a proper discharge summary with all relevant information	S	SH	Y	a) at the end of session MBBS student phase 3 part 2 must be able to document patients particulars. b) at the end of session MBBS student phase 3 part 2 must be able to document time and date of admission and discharge. c) at the end of session MBBS student phase 3 part 2 must be able to document final diagnosis. d) at the end of session MBBS student phase 3 part 2 must be able to document brief history including present status. e) at the end of session MBBS student phase 3 part 2 must be able to document complete treatment given during hospital stay. f) at the end of session MBBS student phase 3 part 2 must be able to document operative procedure and intra operative findings or any complications. g) at the end of session MBBS student phase 3 part 2 must be able to document regarding any drug allergy. h) at the end of session MBBS student phase 3 part 2 must be able to document further management. i) at the end of session MBBS student phase 3 part 2 must be able to document precautions needed in future. j) at the end of session MBBS student phase 3 part 2 must be able to document follow up dates.	a) S b) S c) S d) S e) S f) S g) S h) S i) S j) S	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 MBBS student phase 3 part 2 must be able to analyse which patient needs referral and at which level of health care system.</p> <p>b) at the end of session MBBS student phase 3 part 2 must be able to analyse cause of referral.</p> <p>c) at the end of session MBBS student phase 3 part 2 must be able to report patient particulars, time and date of admission and referral.</p> <p>d) at the end of session MBBS student phase 3 part 2 must be able to document cause of referral and history in brief.</p> <p>e) at the end of session MBBS student phase 3 part 2 must be able to document vitals and general physical examination.</p> <p>f) at the end of session MBBS student phase 3 part 2 must be able to document diagnosis and further probably required treatment.</p> <p>g) at the end of session MBBS student phase 3 part 2 must be able to document all provided management during hospitalization.</p> <p>h) at the end of session MBBS student phase 3 part 2 must be able to identify risk factor associated with referral.</p>	<p>a) S</p> <p>b) S</p> <p>c) S</p> <p>d) S</p> <p>e) S</p> <p>f) S</p> <p>g) S</p> <p>h) S</p>	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 MBBS student phase 3 part 2 must be able to identify virulence and risk of occupational hazards by HIV and hepatitis virus.</p> <p>b) at the end of session MBBS student phase 3 part 2 must be able to analyse risk factor for HIV and hepatitis.</p> <p>c) at the end of session MBBS student phase 3 part 2 must be able to demonstrate counselling of HIV and hepatitis.</p> <p>d) at the end of session MBBS student phase 3 part 2 must be able to interpret health and psychological issues of HIV and hepatitis patient.</p> <p>e) at the end of session MBBS student phase 3 part 2 must be able to report adequate authorities.</p> <p>f) at the end of session MBBS student phase 3 part 2 must be able to demonstrate hand washing steps.</p> <p>g) at the end of session MBBS student phase 3 part 2 must be able to demonstrate personal protective equipment.</p> <p>h) at the end of session MBBS student phase 3 part 2 must be able to demonstrate cleaning of contaminated objectives.</p> <p>i) at the end of session MBBS student phase 3 part 2 must be able to demonstrate safe handling and disposal of contaminated objectives.</p> <p>j) at the end of session MBBS student phase 3 part 2 must be able to demonstrate organisation policies and lab test.</p> <p>k) at the end of session MBBS student phase 3 part 2 must be able to demonstrate procedure to be followed when exposure occurs.</p> <p>l) at the end of session MBBS student phase 3 part 2 must be able to demonstrate post exposure prophylaxis of HIV and hepatitis patient.</p> <p>m) at the end of session MBBS student phase 3 part 2 must be able to demonstrate how to counsel the patient and relatives.</p>	<p>a) S</p> <p>b) S</p> <p>c) S</p> <p>d) S</p> <p>e) S</p> <p>f) SH</p> <p>g) SH</p> <p>h) SH</p> <p>i) S</p> <p>j) S</p> <p>k) S</p> <p>l) S</p> <p>m) S</p>	DOAP session	Skill assessment			
OG35.12	Obtain a PAP smear in a simulated environment	S	SH	Y	<p>a) at the end of session MBBS student phase 3 part 2 must be able to demonstrate how to counsel a patient for papsmear examination.</p> <p>b) at the end of session MBBS student phase 3 part 2 must be able to demonstrate recommendation for pap smear testing.</p> <p>c) at the end of session MBBS student phase 3 part 2 must be able to demonstrate how to obtain sample for papa smear.</p> <p>d) at the end of session MBBS student phase 3 part 2 must be able to demonstrate how to prepare a pap smear.</p> <p>e) at the end of session MBBS student phase 3 part 2 must be able to demonstrate the result of pap smear.</p>	<p>a) S</p> <p>b) S</p> <p>c) S</p> <p>d) S</p> <p>e) S</p>	DOAP session	Skill assessment			
OG35.13	Demonstrate the correct technique to perform artificial rupture of membranes in a simulated / supervised environment	S	SH	Y	<p>a) at the end of session MBBS student phase 3 part 2 must be able to analyse indications and contraindications or ARM.</p> <p>b) at the end of session MBBS student phase 3 part 2 must be able to demonstrate preparation to be done for ARM.</p> <p>c) at the end of session MBBS student phase 3 part 2 must be able to demonstrate the technique of ARM.</p> <p>d) at the end of session MBBS student phase 3 part 2 must be able to analyse complications of ARM.</p>	<p>a) S</p> <p>b) S</p> <p>c) S</p> <p>d) S</p>	DOAP session	Skill assessment			

OG38.3	Lap sterilization	K/S/A/C	KH	Y	<p>a) at the end of session MBBS student phase 3 part 2 must be able to define Lap sterilization.</p> <p>b) at the end of session MBBS student phase 3 part 2 must be able to enumerate sterilization procedures in women.</p> <p>c) at the end of session MBBS student phase 3 part 2 must be able to describe the method of Lap sterilization.</p> <p>d) at the end of session MBBS student phase 3 part 2 must be able to describe complications of Lap sterilization.</p> <p>e) at the end of session MBBS student phase 3 part 2 must be able to benefits Lap sterilization.</p> <p>f) at the end of session MBBS student phase 3 part 2 must be able to demonstrate the method of Lap sterilization in manquien.</p> <p>g) at the end of session MBBS student phase 3 part 2 must be able to council the patient for Lap sterilization.</p>	<p>a) K</p> <p>b) K</p> <p>c) K</p> <p>d) K</p> <p>e) K</p> <p>f) S</p> <p>g) SH</p>	Bedside clinics,Small group discussion	Clinical assessment/ Viva voce			
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Number	Competency	Domains K/S/A/C	Levels K/KH/S H/P	Core (Y/N)	Specific Learning Objective (K/S/A-C) (F)		Suggested Teaching Learning method T-L Method	Assessment
OG35.14	Demonstrate the correct technique to perform and suture episiotomies in a simulated/ supervised environment	S	SH	Y	At the end of the session the phase III part 2 MBBS student must able to 1. Identify the structures to be cut in Episiotomy . 2. Identify the instruments of Episiotomy. 3. Demonstrate the steps of Episiotomy. 4. Demonstrate the correct Technique to perform in a Mannequins accurately 5. Demonstrate the Technique to suture Episiotomy in a Mannequins accurately. 6. Perform Episiotomy under supervision on Patient . 7. Perform Suturing of Episiotomy under Supervision on Patient.	S SH	DOAP session	Clinicalassessment Viva / voice
OG 35.15	Demonstrate the correct technique to insert and remove an IUD in a Simulated supervised environment	S	SH	Y	At the end of the session the phase III part 2 MBBS student must able to 1. Identify IUD (Intra Uterine Device) 2. Identify the types of IUD (Intra Uterine Device) 3. Demonstrate intrauterine Device Insertion in Mannequins accurately. 4. Demonstrate the Intrauterine Device removal in Mannequins accurately. 5. Perform insertion of Intrauterine Device undersupervision on Patient. 6. Perform Removal of Intrauterine Device under Supervision on Patient. ☐	S SH	DOAP session	Clinicalassessment Viva / voice
OG 35.16	Diagnose and Provide emergency Management of antepartum and postpartum hemorrhage in a simulated/ guided environment	K/ S	SH	Y	At the end of the session the phase III part 2 MBBS student must able to 1. Define Antepartum Haemorrhage. 2. Enumerate causes of Antepartum Haemorrhage. 3. Enlist Types of Antepartum Haemorrhage 4. Define placenta Praevia 5. Enumerate causes of Placenta Praevia 6. Explain Types or Degrees of Placenta Praevia 7. Describe Dangerous Placenta Praevia 8. Explain Clinical Features of Placenta Praevia 9. Describe the Diagnosis of Placenta Praevia with different methods. 10. Enumerate Complications of Placenta Praevia 11. Discuss the Emergency Management of Placenta Praevia. 12. Describe the Expectant Treatment of Placenta Praevia . 13. Describe the Active Management of Placenta, Praevia. 14. Identify the type of Antepartum Hoemerhage . 15. Demonstrate the Emergency Management of Placenta Praevia on Mannequins accurately.	K S SH		

OG 36.2	Organise antenatal, postnatal , well -baby and family welfare clinics	k/S	KH	Y	At the end of the session the phase III part 2 MBBS student must able to 1. Discuss the Aim of Antenatal clinics. 2. Discuss the Antenatal visits. 3. Discuss Preventive services for Mothers. 4. Describe Antenatal Cards. 5. Discuss prenatal Advice. 6. Explain Specific Health Problems. 7. Discuss About family planning. 8. Discuss About Paediatric component. 9. Discuss Postnatal aim of Clinic. 10. Discuss Complications of Post partal period. 11. Describe Breast feeding. 12. Describe Postpartum Care. 13. Describe Family Planning Methods. 14. Identify High Risk Cases. 15. Demonstrate Understanding of Antenatal Visits to Patients. 16. Demonstrate Understanding of Antenatal cards to Patients. 17. Demonstrate Breast feeding to Patients. 18. Counsel Pre-natal advice to Patients. 19. Counsel family Planning Methods.	K S KH	Bedside clinics,	clinical assessment/ Viva Voce
OG 36.3	Demonstrate the correct technique of punch biopsy of uterus in a simulated / supervised environment	S	SH	Y	At the end of the session the phase III part 2 MBBS student must able to 1. Identify the instrument used for punch Biopsy. 2. Demonstrate the steps of Punch Biopsy on patients under Supervision. 3. Demonstrate the Punch Biopsy in Mannequins correctly.	S SH	Bedside Clinics	Clinical assessment/ Viva Voce
OG 37.1	Observe and assist in the Performance of a Caesarean section	K/S/A/C	SH	Y	At the end of the session the phase III part 2 MBBS student must able to 1. Define Caesarean Section. 2. Enumerate Indication of Caesarean Section. 3. Classify the Caesarean Section. 4. Describe the steps of Caesarean Section. 5. Discuss the Postoperative care. 6. Enumerate the Complications of Caesarean Section. 7. Identify the layers of the Abdomen and Uterus. 8. Identify the instruments used for caesarian Section. 9. Identify the steps of the Caesarean Section. 10. Observe the Caesarean Section. 11. Assisst the Caesarean Section. 12. Inform the Indications of Caesarean Section to Patient and attendant. 13. Counsel Complications of Caesarean Section to Patient and Attendent.	K S A/C	Bedside clinics small group discussion	Log Book/viva voice
OG 37.2	Observe and assist in the Performance of Laparotomy	K/S/A/C	SH	Y	At the end of the session the phase III part 2 MBBS student must able to 1. Define Laparotomy. 2. Enumerate Indications of Laparotomy. 3. Discuss advantages of Laparotomy. 4. Discuss Disadvantages of Laparotomy. 5. Describe the Steps of Laparotomy. 6. Enumerate Complications of Laparotomy. 7. Identify the instruments used for Laparotomy. 8. Observe steps of Laparotomy. 9. Assisst the steps of Laparotomy. 10. Demonstrate the steps of Laparotomy in Mannequins accurately. 11. Identify layers of Abdomen. 12. Counsel the indication of Laparotomy to Patient and Relatives. 13. Counsel the Complications of Laparotomy to Patient and Relatives.	K S A/C	Bedside Clinics, small group discussion	Log Book/Clinical assessment/ Viva Voce

OG 37.3	Observe and assist in the performance of Hysterectomy- abdominal / vaginal	K/S/A/C	SH	Y	<p>At the end of the session the phase III part 2 MBBS student must able to</p> <ol style="list-style-type: none"> 1. Define Hysterectomy. 2. Enumerate types of Hysterectomy. 3. Describe pre- requisite of Hysterectomy. 4. Describe Pre- Operative work up of Patient. 5. Describe advantages of abdominal Hysterectomy. 6. Describe disadvantages of Abdominal Hysterectomy. 7. Enumerate indication of Abdominal Hysterectomy. 8. Enumerate indications of vaginal Hysterectomy . 9. Describe steps of Abdominal Hysterectomy . 10. Describe steps of vaginal Hysterectomy. 11. identify the instruments used for Hysterectomy. 12. Observe steps of abdominal Hysterectomy. 13. observe steps of vaginal Hysterectomy. 14. Identify steps of Abdominal Hysterectomy. 15. Identify steps of Vaginal Hysterectomy. 16. Assist abdominal Hysterectomy. 17. Assisst vaginal Hysterectomy. 	K S	Beside Clinics, Small group discussion	Clinical assessment/ Viva Voce
OG 37.4	Observe and assist in the Performance of Dilatation & Curettage (D&C)	K/S/A/C	SH	Y	<p>At the end of the session the phase III part 2 MBBS student must able to</p> <ol style="list-style-type: none"> 1. Define Dialation and Curettage 2. Enumerate Indication of Dialation and Curettage 3. Describe steps of Dialation and Curettage 4. Describe complication of Dialation and Curettage 5. Identify the instruments used for Dialation and Curettage 6. Demonstrate the Dialation and Curettage in Mannequins accurately 7. Identify steps of dialation and curettage. 8. Observe steps of dialation and curettage. 9. Assisst Dialation and curettage. 10. Counsel Indication of Dialation and Curettage to patients and relatives. 11. Demonstrate the understanding of complications of Dialation and Curettage to patients and relatives. 	K S A/C	Beside Clinics, Small group discussion	Log Book/Clinical assessment/ Viva Voce
OG 37.5	Observe and assist in the Performance of Endometrial aspiration- endocervical curettage(EA-ECC)	K/S/A/C	SH	Y	<p>At the end of the session the phase III part 2 MBBS student must able to</p> <ol style="list-style-type: none"> 1. Define EA-ECC. 2. Enumerate Indication of EA-ECC. 3. Explain pre-requists of EA-ECC. 4. Discuss advantages of EA-ECC. 5. Discribe steps of EA-ECC. 6. Describe Complications of EA-ECC. 7. Identify Steps of EA-ECC. 8. Identify the instruments used for EA-ECC. 9. Observe steps of EA-ECC. 10. Assisst EA-ECC. 11. Counsel Indications of EA-ECC to Patients and Relatives. 12. Demonstrate the understanding of complications of EA-ECC to patients and relatives. 	K S A/C	Beside Clinics, Small group discussion	Log Book/Clinical assessment/ Viva Voce
OG 38.4	Assess the need for and issue proper medical certificates to Patients for Various Purposes	K/S/A/C	KH	y	<p>At the end of the session the phase III part 2 MBBS student must able to</p> <ol style="list-style-type: none"> 1. Define Medical Certificate. 2. Explain the Guidelines for issuing the proper Medical Certificate. 3. Explain the responsibility of registered Medical Practioner regarding issue of Medical Certificate. 4. Explain the need for Proper Medical Certificate. 5. Discuss the Consequences of registered Medical Practioner issuing a false certificate. 6. Discuss the negligence regarding issuing the medical certificate. 7. Document the proper guidelines of issuing medical certificate. 8. Perform the medical certificate 9. Demonstrate the understanding of issuing of proper medical certificate to patients. 10. Counsel the Patients regarding need of Medical Certificate for Various perpose. 	K S A/C	Beside Clinics, small group discussion	Clinical assessment/ Viva Voce

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	Horizontal Integration
Topic: Should observe		Number of competencies: (04)				Number of procedures that require certification : (NIL)				
OG38.2	Hysteroscopy	1. list the indications of hysteroscopy 2. demonstrate the understanding of hysteroscopy procedure 3. should have observed hysteroscopy procedure 4. list the complications of hysteroscopy	K/S/A/C	KH	Y	Bedside clinics, Small group discussion	Clinical assessment/ Viva voce			
OG38.3	Lap sterilization		K/S/A/C	KH	Y	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	Bedside clinics, Small group discussion	Clinical assessment/ Viva voce			
<p>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. Column H: If entry is P: indicate how many procedures must be done independently for certification/ graduation</p>										