

**ENABLING LEARNING OUTCOME
FOR FINAL YEAR MBBS
(GYNAECOLOGY)**

Module 1

Disorders of Menstrual Bleeding and Hormonal Disorders

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Being able to manage disorders of menstrual bleeding.	<ul style="list-style-type: none"> • Describe symptoms, terminology and aetiology of abnormal uterine bleeding including uterine polyp and hyperplasia, fibroid and adenomyosis. • Discuss the mnemonic PALM COIEN. • Describe management of premenstrual syndrome. • Describe symptoms investigations and management of HMB. • Describe classification and causes of abnormal puberty and disorders of sexual differentiation. • Describe causes and investigations of primary and secondary amenorrhoea. • Interpret criteria to diagnose polycystic ovarian syndrome. • Describe management of polycystic ovarian syndrome. • Describe premature cessation of periods. • Take pertinent history and after examination able to make diagnosis of HMB. • Assist in making management plan for HMB. • Assist endometrial sampling. • Assist procedure of ovarian drilling. • Counsel the patient regarding action of medicine in case of menorrhagia and dysmenorrhoea. • Counsel the parents in case of primary amenorrhoea. • Awareness regarding lifestyle modification in polycystic ovarian syndrome and premenstrual syndrome. 	<p>Management of Premenstrual syndrome.</p> <p>Management of HMB.</p> <p>Primary & secondary amenorrhea</p> <p>Management of polycystic ovarian syndrome.</p> <p>Primary & secondary dysmenorrhea</p>	<ul style="list-style-type: none"> - TBL - Indoor Small group discussion (SGD) OPD Bedside teaching 	<p>MCQ</p> <p>SEQ</p> <p>Viva & OSPE</p>	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore's 1st South Asian Edition</p> <p>Int. J. Gynaecol. Obstet 113(1):3-13 (AUB)</p> <p>https://www.nice.org.uk/cg44/ICE guidelines (HMB)</p>

Module 2
Early pregnancy complications

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Manage vaginal bleeding and pain in early pregnancy.	<ul style="list-style-type: none"> • Describe classification and type of miscarriages. • Describe aetiology clinical presentation and management of miscarriage including recurrent miscarriage. • Describe management of ectopic pregnancy and gestational trophoblastic disease. • Interpret ultrasound and biochemical marker in early pregnancy problem. • Perform urine for pregnancy test and interpret the result. • Assist Dilatation and Curettage (D&C) procedures. • Assist suction curettage. • Assist laparotomy for ectopic pregnancy. • Assist in resuscitation technique (hypovolemic shock) • Ability to communicate effectively and sensitively with patients and relatives. • Recognize the importance of high suspicion of pregnancy in all women of reproductive age. 	Miscarriages Ectopic pregnancy Gestational trophoblastic disease	SGD – Indoor Labour Ward & Operation Theatre Implantation & Establishment pregnancy (Self Study)	MCQ SEQ Viva & OSPE	Obstetrics by Ten Teachers 20 th Edition Hacker & Moore's 1 st South Asian Edition NCG 154: Ectopic pregnancy and miscarriage GTG 38: Management of GTD. GTG 17: The investigation and treatment of couple with recurrent 1 st trimester and 2 nd trimester miscarriages

Module 3 Contraception

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
<p>Being able to advise use of reversible and irreversible contraceptive methods to prevent unintended pregnancies.</p>	<ul style="list-style-type: none"> • Describe the mechanism of action, efficacy. • Define non-contraceptive benefits of methods. • Describe indication, contraindication and complications of reversible, irreversible contraceptive methods. • Identify the use of emergency contraception. • Method of using Mac Wheel. • Assist insertion of implanon. • Assist insertion of IUCD (Intra Uterine Contraceptive Device). • Assist PPIUCD (Postpartum Intra Uterine Contraceptive Device) insertion. • Assist insertion of Mirena. • Assist procedure of female sterilization. • Counsel the couple regarding various methods of contraception and help them to choose the best method. • Provide information to the couple either verbally or in form of leaflets. 	<p>Different methods of contraception.</p> <p>Contraceptive & non contraceptive health benefits.</p>	<p>SGD – Indoor</p> <p>Antenatal Ward & Operation Theatre</p>	<p>MCQ SEQ Viva & OSPE</p>	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore’s 1st South Asian Edition</p> <p>WHO (2015). Medical eligibility criteria for contraceptive use 5th edition, Geneva.</p>

Module 4
Urogynae and pelvic floor problems

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Manage urogenital prolapse and incontinence .	<ul style="list-style-type: none"> • Describe aetiolog clinical features, investigations and treatment of urinary incontinence and genital prolapse. • Describe management of urinary tract infection. • Explain the principles of urodynamic testing. • Interpret urodynamic testing. • Recognize prolapse on examination. • Take pertinent history from a patient with incontinence and/or prolapse. • Assist in making management plan of urinary incontinence and prolapse. • Assist vaginal hysterectomy and anterior, posterior repair. • Assist sacrocolpopexy • Awareness to patients regarding incontinence and beware of society showing reluctance to discuss incontinence and consequently to deal sensitivity with issues surrounding incontinence. • Counsel the patient and her relatives regarding potential side effects and complications of treatment offered. • Importance of multidisciplinary approach. 	<p>Urinary incontinence and genital prolapse.</p> <p>Urinary tract infection.</p>	<p>SGD – Indoor OPD Operation Theatre</p>	<p>MCQ SEQ Viva & OSPE</p>	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore’s 1st South Asian Edition</p> <p>Dewhurst’s textbook of Obstetric & Gynaecology 9th edition (Urinary incontinence & UVP)</p>

Module 5
Premalignant and malignant diseases of genital tract

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
<p>Being able to make management plan of ovarian, endometrial and cervical cancer.</p>	<ul style="list-style-type: none"> • Describe aetiology, pathophysiology diagnosis, investigations and treatment of premalignant disease of cervix, ovary and vulva. • Describe of ovarian CA, aetiology, screening, clinical features, staging of ovarian, endometrial and cervical cancer. • Suggest and interpret investigations. • Describe management of above mentioned cancer. • Briefly describe primary peritoneal tumour. • Perform pap smear. • Assist colposcopy after acetic acid or lugol iodine application. • Assist staging laparotomy. • Awareness regarding prophylactic HPV vaccination and importance of cervical screening. • Recognize need for a supportive environment to counsel patients and relatives regarding the treatment prognosis. 	<p>Premalignant and malignant diseases of cervix.</p> <p>Premalignant and malignant disease of ovary.</p> <p>Premalignant and malignant disease of uterus.</p> <p>Premalignant and malignant disease of vulva.</p>	<p>SGD – Indoor OPD Operation Theatre</p>	<p>MCQ SEQ Viva & OSPE</p>	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore's 1st South Asian Edition.</p> <p>Dewhurst's textbook of Obstetric & Gynaecology 9th edition</p>

Module 6 Subfertility

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Manage subfertility couple.	<ul style="list-style-type: none"> • Describe management of male and female infertility. • Explain processes and procedures involve in ART along with outcome and its success rate. • Suggest and interpret investigations. • Define complications of ovulation induction. • Describe management of endometriosis. • Take patient history and examination. • Assist diagnostic laparoscopy. • Assist in formulating a management plan subfertile patients. • Assist laparotomy for endometriosis. • Counseling of couple regarding psychosocial problems. • Maintain patient confidentiality • Display empathy with the couple. 	<p>Causes and history of subfertile couple.</p> <p>Management of endometriosis</p>	<p>SGD – Indoor OPD</p> <p>Operation Theatre</p>	<p>MCQ SEQ Viva & OSPE</p>	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore’s 1st South Asian Edition</p> <p>NICE Clinical guidelines 11 (Fertility assessment and treatment for couple with fertility problems).</p> <p>www.nice.org.uk/guidance/cg156</p>

Module 7
Upper and Lower Genital Tract Infection & Chronic Pelvic Pain

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
<p>Manage chronic pelvic pain, sexually transmitted infections (STI) and blood borne viruses.</p>	<ul style="list-style-type: none"> • Describe testing, diagnosis and transmission of STI and blood borne viruses. • Describe care of HIV positive mother and child. • Suggest and interpret investigations for STI. • Enumerate list of potential causes of chronic pelvic pain and management option. • Perform high vaginal swab. • Counsel and give support to patients to undertake screening of STI. • Give awareness to patients and their relatives regarding preventive measures for STI and blood borne viruses. • Liaison with pain clinic. 	<p>Viral sexually transmitted infections and systemic manifestations.</p> <p>Infective causes of vaginal discharge.</p> <p>Pelvic inflammatory disease.</p> <p>Human immunodeficiency virus.</p>	<p>SGD – Indoor OPD</p>	<p>MCQ SEQ Viva & OSPE</p>	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore's 1st South Asian Edition</p>

Module 8 Menopause

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Manage menopause and postmenopausal care.	<ul style="list-style-type: none"> • Define menopause. • Describe effects of menopause on women. • Describe modifiable aspects of menopause. • Describe main treatment options in menopause. • Describe side effects absolute and relative contra indications of hormonal replacement therapy. • Formulate management plan for menopausal patient. • Recognize the importance of care of women during post reproductive years. • Counseling of menopausal patients regarding pros & cons of hormonal replacement therapy. 	<p>Physiological and non physiological menopause.</p> <p>Hormonal replacement therapy.</p>	<p>SGD – Indoor OPD</p>	<p>MCQ SEQ Viva & OSPE</p>	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore's 1st South Asian Edition</p>