

**Subject: Gynecology Fifth year**

**Theory : 60 hr/year**

**Units : 6**

**Objective:**

**to learn the basic &the physiology of gynecology &how can deal with the pathological disorders .**

**Assessment: a quarterly exam (10 marks).**

**midyear exam (30 marks),final exam. (60 marks)**

**Text book approved : Ten teachers of gynecology.**

<b>Week</b>	<b>Lectures</b>	<b>Hours</b>	<b>Objective</b>
1st wk	embryology and anatomy of female genital tract	1	to understand the genital tract from external to internal and this is considering as the base line for understanding gynecological pathology and its subsequent management
2 <sup>nd</sup> wk	Intersex	2	for early diagnosis and trying to improve outcome regarding feasibility of inducing pubertal changes, marriage and pregnancy
2 <sup>rd</sup> wk	Congenital Abnormalities of genital tract	1	Understand the classification of Mullerian anomalies. Know about the first line investigations for Mullerian anomalies and treatment available
3 <sup>th</sup> wk	Puberty physiology Puberty disorders	2	Understanding the normal changes in puberty genital tract during Delayed & early puberty
4 <sup>th</sup> wk	Menstrual cycle	2	It is important to have an understanding of the physiology of the normal menstrual cycle to understand the causes of any abnormalities , and also to tackle problems , such as infertility and the prevention of unwanted pregnancy . This lecture aims to describe the mechanisms involved in the normal menstrual cycle , with emphasis on the clinical relevance of each phase
5 <sup>th</sup> wk	Dysfunctional uterine bleeding and heavy menstrual loss	1	to confirm this bleeding is really abnormal and to learn what are the measures to reduce blood loss and treating under lying pathology
5 <sup>th</sup> wk	Primary amenorrhea	1	causes ,management
6 <sup>th</sup>	Secondary amenorrhea PCOS syndrome	2	causes ,management
7 <sup>th</sup> wk	Miscarriage	2	How can differentiate the miscarriage from

			other early pregnancy complications . Aetiological factors. Pathological-Anatomy. Clinical varieties of miscarriage &their management.
8 <sup>th</sup>	Ectopic pregnancy	1	The lecture discuss the definition ,risk factors, diagnosis and lines of management of ectopic pregnancy
9 <sup>th</sup> wk	Gestationl trophoblastic disorders	2	Understand the pathogenesis. Have good knowledge of gynecological diagnosis and management. Have an appreciation of the need for monitoring and medical intervention
10 <sup>th</sup> wk	Persistence Gestationl trophoblastic disorders	2	Be able to counsel woman with Gestationl trophoblastic disorders Be able to recognize the clinical features of Persistence Gestationl trophoblastic disorders. Know the different modalities of treatment which available
11 <sup>th</sup> wk	Fertility control	2	Type of contraceptive &how can use ,advantage & disadvantage
12 <sup>th</sup> wk	Lower genital tract infection	2	Revise the cause of pelvic pain. Understand the pathological course of sexually transmitted infections (STIs). Understand how to investigate and manage(STIs) when encountered in the gynecological setting.
13 <sup>th</sup> wk	Upper genital tract infection pelvic inflammatory diseases( PID).	2	Revise the cause of pelvic pain. Know the evidence for diagnosing , treating and following up pelvic inflammatory diseases( PID). Know which infections of genital tract are transmitted sexually.
14 <sup>th</sup> wk	Chronic pelvic pain	1	Know the etiology of Chronic pelvic pain. Know the different strategies of management of Chronic pelvic pain
14 <sup>h</sup> wk	Subfertility	2	This lecture explain the definition ,types, causes, investigations and lines of treatments for both male and female infertility
15 <sup>th</sup> wk	Assisted reproductive technology	1	The lecture discuss definitions and types of assisted reproductive technology .Ovarian stimulation and follow up of patient
15 <sup>th</sup> wk	Menopause	2	The menopausal consultation. Management options. Risks & benefits of each option. Practical considerations for prescribing HRT. New developments
16 <sup>th</sup>	Post menopausal	1	The definition of the menopausal bleeding

wk	bleeding		(PMB). Underlying aetiology . Its management ( History ,examination ,investigations ,treatment
16 <sup>th</sup> wk	Pelvic organs prolapsed	2	The aetiology, presentation,diagnosis Management &prevention
17 <sup>th</sup> wk	Primary and Secondary dysmenorrheal	1	to exclude underlying pathology, how to reassure the patient, reduce the pain and improve the quality of life
17th wk	Premenstrual tension syndrome	1	Know the definition of PMS. Know the prevalence of PMS. Understand the assessment used in PMS. Be aware of alternative therapies. Know the non hormonal & hormonal approaches to management
18th wk	Benign disease of uterus	2	Types, presentstion ,management
19th wk	Endometriosis	2	Understand the pathogenesis and clinical presentation of endometriosis. Know the principal medical therapies used in endometriosis associated pain. Know the surgical principles underlying the conservative and medical approaches to endometriosis surgery
20 <sup>th</sup> wk	Adenomyosis	1	Be able to recognize the histological appearance of adenomyosis. Be aware of clinical features and epidemiology. Know the diagnostic techniques. Understand the principles of medical and surgical treatment
21 <sup>th</sup> wk	Endometrial cancer	2	Revise your knowledge of pelvic anatomy. Understand the epidemiology and etiology of endometrial cancer. Understand the principles of carcinogenesis and pathology. Be able to describe the diagnostic and staging techniques of endometrial cancer. Be able to describe the management of early and advanced, recurrent disease
22 <sup>th</sup> wk	Pre malignant disease Of cervix	2	Types ,grades ,screening, treatment
23 <sup>th</sup> wk	malignant disease Of cervix	2	Risk factors ,presentation, management
24 <sup>th</sup> wk	Benign disease of ovary	2	Classification & management
25 <sup>th</sup> wk	Malignant disease of ovary	2	grades ,screening, staging, treatment

26 <sup>th</sup> wk	Benign disease of vulva	1	Types, presentation, management grades, staging,
26 <sup>th</sup>	Malignant disease of vulva	1	grades , ,staging, treatmentpresentatio
27 <sup>th</sup>	HRT	2	The aim of sex hormone therapy. (types, indications,routes,side effects).
28 <sup>th</sup>	Hirsutism and virilization	1	to assess the etiology of the condition and correlate its severity with underlying causes and varies hormonal level
29 <sup>th</sup>	Urogynaecology	2	Objective: common presentation to gynecology so we have to know how to reach to underlying pathology and differentiate different types of incontinence &management
30 <sup>th</sup>	Endoscopy in gynecology	1	to learn the safe practice of endoscopic surgery