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III rd PROFESSIONAL - PART – II SYLLABUS

5. <u>OBSTERICS AND GYNAECLOLOGY</u> :

Obstetrics and Gynaecology to include family welfare and family planning.

(i) Goal :

The broad goal of under graduate students in obstetrics and Gynecology is that he/she shall acquire understanding of anatomy , physiology and pathophysiology of the reproductive system and gain the ability to optimaly manage common conditions affecting it.

ii) Objectives :

At the end of the course, the student shall be able to:

(1) Outline the anatomy, physiology and pathophysiology of the reproductive system and the common conditions affecting it ;
(2) Detect normal pregnancy labour puerperium and manage the problems he/she is likely to encounter therein;
(3) List the leading causes of maternal and perinatal morbidity and mortality;
(4) Understand the principles of contraception and various techniques employed , methods of medical termination of pregnancy, sterilisation and their complications;
(5) Identify the use, abuse and side effects of drugs in pregnancy, pre-menopausal and post menopaused periods;
(6) Describe the national programme of material and child health and family welfare and their implementation at various levels;
(7) Identify common gynecological diseases and describe principles of their management;
(8) State the indications, techniques and complications of surgeries like Caesarian section, laprotomy, abdominal and vaiginal hysterectomy, Fothergill's operation, and vaccum aspiration for Medical Termination of Pregnancy (MTP).

THEORY SYLLBUS:
SYLLABUS OF OBSTETRICS:

1) Anatomy of the Genital Tract
2) Physiology of the Genital Tract
3) Anatomy of the Pelvis
4) Anatomy of the Foetal Skull
5) Maturation & Fertilisation of ovum
6) Development of Placenta
7) Endocrinology of Placenta
8) Diagnosis of Pregnancy.
9) Signs & Symptoms of Pregnancy.
10) Physiological Changes in Pregnancy.

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11) Fetal Physiology
12) Physiology of Labour
13) Physiology of Puerperium.
14) Breast, Lactation.
15) Abortion
16) Ectopic Gestation.
17) Trophoblasic Tumors
a) Mole b) Choriocarcinoma
18) Anatomy of Pelvic Floor
19) Physiology of Menstruation.
20) Development of Genital Organs
21) Gynaecological Diagnosis
22) Physiology of Menopause
23) Abnormalities of Menstruation.
24) S.T.D. & HIV
25) Leucorrhoea
26) Hyperemesis
27) PIH
28) Eclampsia
29) Heart Disease complicating Pregnancy
30) Anaemia complicating Pregnancy
31) Rh incompatability
32) Face, Brow Presentation
33) Occipitoposterior
34) Transverse lie
35) Breech
36) Multiple Pregnancy
37) Abnormal Labour
38) Bad Obstetric history
39) Cephalopelvic dispro portion
40) IIIrd stage complication
41) Induction of Labour

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42) Rupture Uterus
43) Obstructed Labour
44) Caesarean Section
45) Post Caesarean Pregnancy
46) Peurpereal Sepsis
47) Intra Uterine Growth Retardation
48) Ultrasonography & Radiology
49) Social obstetrics
50) Neonatology

FAMILY PLANNING:

1. Anatomy of Pelvic Floor
2. Contraception
   A. Temporary Methods
      a. Barrier
      b. IUCD
      c. Hormonal – Oral, Injectable, Implants,
   B. Permanent
      a. Tubectomy – Minilap, Peurperial sterilization, Laparoscopic sterilization
      b. Vasectomy & N.S.V
      c. Recanalisation – Fallopian tube, Vas
      d. Counselling
3. Antenatal Care
4. Anaemia Complicating Pregnancy
5. Pregnancy Induced Hypertension(PIH)
6. Antepartum Hemorrhage

GYNAECOLOGY

1. Genital Tract Anomalies
2. Infertility
3. Anomalies of uterus
4. Endometriosis
5. Amenorrhoea
6. Dyfunctional uterine bleeding
7. Post Menopausal Bleeding
8. pelvic Inflammatory disease
9. genital T.B.
10. Genital Fistulae
11. Stress incontinence
12. Trophoblastic disease
13. Prolapse Uterus
14. Retrovertion & Chronic inversions of Uterus
15. Gynaecological Oncology

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- Cancer Cervix
- Cancer Breast
- Cancer Body of uterus
- Cancer Vulva
- Cancer ovary

16. Endoscopy
17. Chemotherapy & Radiotheraphy
18. Medical Termination of Pregnancy
19. Hormones in Gynaecology
20. Inter sex

TOPICS FOR INTEGRATED TEACHING

1. Anaemia complicating pregnancy
2. Hypertension complicating Pregnancy
3. diabetes complicating Pregnancy
4. Heart disease complicating pregnancy
5. T.B. Asthma complicating Pregnancy
6. Hepatitis complicating pregnancy
7. STD complicating pregnancy
8. HIV complicating pregnancy
9. Acute Surgical Emergencies
10. Acute Renal failure
11. Acute abdomen in immediate post operative period.

*** Recommended Text Books:**

1. Shaw's text book of Gynaecology by Dr.Daftari & V.Pdubeidri
2. Text book of Obstetrics – by Dr.DL.Dutta
3. Text Book of Gyanecology – by Dr.D.C.Dutta.
4. Text Book of Obstetrics – Dr.C.S.(Dawn)
5. Text Book of Gynaecology – Dr.C.S.Dawn
6. Text Book of Obstetrics – Dr.G.R.K.Raju
7. Manual of Obstetrics – Dr.Sirish Daftary
8. Text Book of Obstetrics – by Mudaliar
9.

*** Reference Books:**

1. Williams – Obstetrics.
2. Jeffcoetes Gynaecology
3. Practical Obstetrics by landonala
4. Fertility control by Dr.Chand
5. Post graduate obstetrics & Gynaecology ol-I & II by Dr.Ratnam & Dr.Arul Kumaran Management of labour – Dr.Arul Kumaran.

Paper – I

- Obstetrics including social obstetrics.

Paper - II

- Gynaecology family welfare and Demography

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