

**DR D.Y. PATIL DEEMED UNIVERSITY  
COLLEGE OF NURSING  
PIMPRI, PUNE-18**

**Subject: MATERNAL NURSING**

**First Year P. B. B. Sc. Nursing**

**Faculty: Mrs.Jithya**

Total: 60 Hrs

UNIT	TOPIC	No of lectures	Lecture Serial No
I INTRODUCTION AND HISTORICAL REVIEW	INTRODUCTION AND HISTORICAL REVIEW (a) Early history of midwifery and evolution of obstetrics Maternity care and practices in various culture across the world. Expanded role of the nurse in maternity and gynaecology. - (b) Safe motherhood initiative Maternal mortality, morbidity and perinatal mortality. Legislation related to maternal benefits, MTP acts, incentives and Family planning. Family welfare programme.	1  1  2  1	5hrs
II ANATOMY AND PHYSIOLOGY OF FEMALE REPRODUCTIVE SYSTEM	ANATOMY AND PHYSIOLOGY OF FEMALE REPRODUCTIVE SYSTEM Review of anatomy and physiology of female reproductive system. - Female pelvis and foetal skull. - Menstrual cycle - Human reproduction, gametogenesis, fertilization, embryo. - Placenta, foetal membrane, liquor amnii, umbilical - The foetus, foetal growth, foetal physiology, foetal circulation.	1  1  2 1  1	6hrs
III NORMAL PREGNANCY	NORMAL PREGNANCY - Physiological changes during pregnancy - Diagnosis of pregnancy and antenatal care - Antenatal assessment of foetal well being. - Physiology of normal labour - Mechanism of normal labour. - Management of I, II, and III stages of labour. - Physiology of puerperium. - Physiology of lactation and breast feeding	2   2  2  2	8hrs

	- Management of normal puerperium		
<b>IV NEW BORN BABY</b>	<p>NEW BORN BABY</p> <ul style="list-style-type: none"> <li>- Resuscitation and immediate care of newborn.including SGA &amp; LGA</li> <li>- Normal characteristics and essential care of newborn.</li> <li>- Asphyxia Neonatarum, respiratory distress</li> <li>- Jaundice in newborn</li> <li>- Birth injuries, congenital anomalies, infection in newborn, and vomiting in newborn.</li> <li>- Still birth – incidence, causes and prevention.</li> <li>- Care of low birth weight babies in labour room and nursery / NICU.</li> </ul>	<p>2</p> <p>2</p> <p>1</p> <p>1</p>	6hrs
<b>V MEDICAL DISORDERS IN PREGNANCY</b>	<p>MEDICAL DISORDERS IN PREGNANCY</p> <ul style="list-style-type: none"> <li>- Hypertensive disorders – Pregnancy induced hypertension, Eclampsia.</li> <li>- Anaemia in pregnancy</li> <li>- Diabetes mellitus in pregnancy</li> <li>- Heart diseases</li> <li>- Renal disorders in pregnancy</li> <li>- Jaundice in pregnancy</li> <li>- Pulmonary TB</li> <li>- Pregnancy with STD, HIV / AIDS.</li> </ul>	<p>1</p> <p>2</p> <p>1</p> <p>1</p>	5hrs
<b>VI HIGH RISK PREGNANCY</b>	<p>HIGH RISK PREGNANCY</p> <ul style="list-style-type: none"> <li>- Abortion</li> <li>- Hydatiform mole</li> <li>- Ectopic pregnancy</li> <li>- Medical termination of pregnancy</li> <li>- Antepartum haemorrhage – Placenta previa, Abruptio placenta</li> <li>- Vomiting in pregnancy</li> <li>- Pregnancy in Rh negative women</li> <li>- Multiple pregnancy, hydramnios</li> <li>- Preterm labour</li> <li>- Premature rupture of membrane</li> <li>- IUGR, postdatism</li> <li>- Pregnancy with previous caesarean section</li> <li>- Fibroid with pregnancy</li> <li>- Ovarian tumour with pregnancy</li> </ul>	<p>2</p> <p>2</p> <p>2</p> <p>2</p> <p>2</p> <p>2</p>	10hrs
<b>VII HIGH RISK</b>	HIGH RISK LABOUR		

<b>LABOUR</b>	<ul style="list-style-type: none"> <li>- Abnormal presentation – Unstable lie, Occipitoposterior, face and brow presentation</li> <li>- Breech presentation, compound presentation</li> <li>- Abnormal uterine action in labour and active management of labour</li> <li>- Contracted pelvis and CPD</li> <li>- Obstructed labour, rupture of uterus, injuries of maternal birth canal, cord prolapse.</li> </ul>	1  1  1	3hrs
<b>VIII ABNORMALITIES OF PUERPERIUM</b>	<b>ABNORMALITIES OF PUERPERIUM</b> <ul style="list-style-type: none"> <li>- Puerperial pyrexia and sepsis</li> <li>- Post partum haemorrhage</li> <li>- Breast complications – Breast engorgement, breast abscess, acute mastitis</li> <li>- Psychiatric disorders in puerperium</li> </ul>	1 1 1 1	4hrs
<b>IX OBSTETRICAL EMERGENCIES &amp; OPERATIVE OBSTETRICS</b>	<b>OBSTETRICAL EMERGENCIES &amp; OPERATIVE OBSTETRICS</b> <ul style="list-style-type: none"> <li>- Uterine rupture, cervical tear</li> <li>- D &amp; E , S &amp; E</li> <li>- Use of instruments – Ephysiotomy Forcep, Vacuum</li> <li>- Caesarean section</li> </ul>	1 1 1	3hrs
<b>X PHARMACOTHERAPEUTICS</b>	<b>PHARMACOTHERAPEUTICS</b> <ul style="list-style-type: none"> <li>- Oxytocics, Prostaglandins – use in obstetrics</li> <li>- Anaesthesia and analgesics used in obstetrics</li> </ul>	1 1	2hrs
<b>XI SPECIAL INVESTIGATIONS IN OBSTETRICS</b>	<b>SPECIAL INVESTIGATIONS IN OBSTETRICS</b> <ul style="list-style-type: none"> <li>- USG, NST, CTG</li> <li>- Radiography</li> </ul>	1 1	2hrs
<b>XII CURRENT TRENDS IN REPRODUCTIVE HEALTH(RCH)</b>	<b>CURRENT TRENDS IN REPRODUCTIVE HEALTH(RCH)</b> <ul style="list-style-type: none"> <li>- Infertility, genetic counseling</li> <li>- Unwanted pregnancy</li> <li>- Unwed mother</li> <li>- Advances in obstetrics and maternity care</li> </ul>	2 1 1	4hrs
<b>XIII GYNAECOLOGICAL NURSING</b>	<b>GYNAECOLOGICAL NURSING</b> <ul style="list-style-type: none"> <li>- Common Gynaecological Problems</li> <li>- Cervical erosions, Carcinoma</li> </ul>	2	

	- Fibroids, Uterine and Cervical Prolaps - Uterine Inversion etc	2	4hrs
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## **REFERENCES**

1. Myles Text Book of Midwives, Eds; Diane M. Fraser and Margaret A. Cooper 14<sup>th</sup> Ed, Churchill Livingstone.
2. D.C.Dutta Text Book of Obstetrics including Perinatology and Contraception 6<sup>th</sup> Edition , 2004 New Central Book Agency.
3. Hawkins and Bourne, Shaws Textbook of Gynaecology, Eds; V.G. Padubidri and Shirish N Daftary, 13<sup>th</sup>ed, Reed Elsevier India.
4. S. S. Ratnam, K BhaskerRao and S Arulkumaran, Obstetrics and Gynaecology for Postgraduates, Vol 1 and Vol 2, Orient Longman Ltd 1994
5. Lower milk, perry, Bobak."Maternity and women's Health Care" 6<sup>th</sup> ed.; 1997. C.V.Mosby.
6. C.S.Dawn: Textbook for obstetrics& neonatology 12<sup>th</sup> edition.