



Dr. D.Y. Patil Vidyapeeth's

Padmashree Dr. D. Y. Patil College of Nursing

Sant Tukaram Nagar, Pimpri, Pune – 411 018

Mail : info.nursing@dpu.edu.in, Website: nursing.dpu.edu.in

First Year M. Sc. Nursing

Subject: Obstetric & Gynecological Nursing, Clinical Specialty –I

Faculty: Mrs. Martha Raut

UNIT	TOPIC	Number of lecture	Lecture Serial No	
I Introduction	• Historical and contemporary perspectives	1	1	
	• Epidemiological aspects of maternal and child health	1	2	
	• Magnitude of maternal and child health problems	1	3	
	• Issues of maternal and child health : Age, Gender, Sexuality, psycho Socio cultural factors	1	4	
	• Preventive obstetrics	1	5	
	• National health and family welfare programmes related to maternal and child health: health care delivery system-	2	6-7	
	National Rural health mission, Role of NGO's	1	8	
	• Theories, models and approaches applied to midwifery practice	1	9	
	• Role and scope of midwifery practice: Independent Nurse midwifery practitioner	2	10-11	
	• Legal and Ethical issues: Code of ethics and standards of midwifery practice, standing orders	2	12-13	
	• Evidence based midwifery practice	1	14	
	• Research priorities in obstetric and Gynecological nursing	1	15	
	II Human reproduction	• Review of anatomy and physiology of human reproductive system: male and female	4	16-19
		• Hormonal cycles	4	20-23
		• Embryology	4	24-27
• Genetics, teratology and counseling		4	28-31	
• Clinical implications		4	32-35	
III Pregnancy	• Maternal adaptation : Physiological, psychosocial	3	36-38	
	• Assessment – Maternal and foetal measures Maternal measures:History taking , exmanination- General,physical and obstetrical measure, identification of high risk,	3	39-41	

	<ul style="list-style-type: none"> • Foetal measure- clinical parameters, biochemical- human estriol, Maternal Serum Alfa Feto Protein, Acetyl Choline esterase (AchE), Triple Test Aminocentesis, Cordocentesis, chorionic villus sampling (CVS)), 	3	42-44
	<ul style="list-style-type: none"> • Biophysical- (US IMAGING, Foetal movement count, Ultra Sonography, Cardiotocography, cardiotomography, Non Stress Test(NST), Contraction stress test(CST), amnioscopy, foetoscopy, 	3	45-47
	<ul style="list-style-type: none"> • Radiological examination, • Interpretation of diagnostic tests and nursing implications 	3	48-50
	<ul style="list-style-type: none"> □ Nursing management of the pregnant women, minor disorders of pregnancy and management, preparation for child birth and parenthood, 	3	51-53
	importance of institutional delivery , choice of birth setting, importance and mobilizing of transportation, prenatal counseling, role of nurse and crisis intervention, identification of high risk pregnancy and refer	1	54
	<ul style="list-style-type: none"> □ Alternative/complementary therapies • Alternative/complementary therapies 	1	55
Unit IV Normal Labour and nursing management	<ul style="list-style-type: none"> □ Essential factors of labour 	2	56-57
	<ul style="list-style-type: none"> □ Stages and onset 	2	58-59
	<ul style="list-style-type: none"> • Use of partograph: Principles, use and critical analysis,evidence based studies 	2	60-61
	<ul style="list-style-type: none"> • Analgesia and anaesthesia in labour 	2	62-63
	<ul style="list-style-type: none"> • Nursing management 	2	64-65
	Second stage <ul style="list-style-type: none"> • Physiology , intrapartum monitoring 	2	66-67
	<ul style="list-style-type: none"> • Nursing management. 	2	68-69
	<ul style="list-style-type: none"> • Resuscitation , immediate newborn care and initiate breast feeding (Guidelines of National neonatology forum of India) 	2	70-71
	Third stage <ul style="list-style-type: none"> • Physiology and nursing management 	2	72-73
	Fourth stage – Observation, critical analysis and Nursing management.	2	74-75
	<ul style="list-style-type: none"> • Various child birth practice: water birth, position change etc 	2	76-77

	• Evidence based practice in relation to labour intervention		
	Role of nurse midwifery practitioner	2	78-79
	• Alternative/complementary therapies	1	80
V Normal puerperium and nursing management	□ Physiology of puerperium	3	81-83
	□ Physiology of lactation, lactation management, exclusive breast feeding ,Baby friendly hospital initiative(BFHI)	3	84-86
	□ Assessment of postnatal women.	3	87-89
	□ Minor discomforts and complications of puerperium	3	90-92
	□ Management of mothers during puerperium: Postnatal exercises Rooming in, bonding, warm chain	3	93-95
	□ Evidence based studies	2	96-97
	Role of nurse midwifery practitioner	1	98
	• Alternative/complementary therapies	1	99
VI Normal Newborn	□ Physiology and characteristics of normal newborn	2	100-101
	□ Physical and Behavioural assessment of newborn	2	102-103
	□ Needs of newborn	2	104-105
	□ Essential newborn care: Exclusive breast feeding,	2	106-107
	Immunization, Hygiene measures, Newborn nutrition	2	108-109
	□ Organization of neonatal care, services(Levels), transport,	2	110-111
	neonatal intensive care unit, organization and management of nursing services in NICU	2	112-113
	□ Observation and care of newborn	2	114-115
	□ Parenting process	2	116-117
VII Pharmacodynamics in obstetrics	□ Drugs used in pregnancy, labour, post partum and newborn	2	118-119
	□ Calculation of drug dose and administration	2	120-121
	□ Effects of drugs used	1	122
	□ Anaesthesia and analgesia in obstetrics	2	123-124
	□ Roles and responsibilities of midwifery nurse practitioner	2	125-126
	□ Standing orders and protocols and use of selected life saving drugs and interventions of obstetric emergencies approved by the MOHFW	1	127
VIII Family welfare	□ Population dynamics	1	128

services			
	<input type="checkbox"/> Demography trends: vital statistics, calculation of indicators especially maternal and neonatal mortality rates and problems and other health problems	1	129
	<input type="checkbox"/> Recent advancement in contraceptive technology	1	130
	<input type="checkbox"/> Role of nurses in family welfare programmes in all settings	1	131
	<input type="checkbox"/> Role of independent nurse midwifery practitioner	1	132
	<input type="checkbox"/> Family life education	1	133
	<input type="checkbox"/> Evidence based studies	1	134
	<input type="checkbox"/> Information, Education and Communication(IEC) system(MIES) <ul style="list-style-type: none"> ▪ Management information and evaluation ▪ Teaching and supervision of health team members 	1	135
IX Infertility	<input type="checkbox"/> Primary and secondary causes.	1	136
	<input type="checkbox"/> Diagnostic procedures	1	137
	<input type="checkbox"/> Counseling: ethical and legal aspects of assisted reproductive technology(ART)	1	138
	<input type="checkbox"/> Recent advancement in infertility management.	1	139
	<input type="checkbox"/> Adoption procedures Role of nurses in infertility management	1	140
X Menopause	<input type="checkbox"/> Physiological, psychological and social aspects	1	141
	<input type="checkbox"/> Hormone Replacement Therapy	1	142
	<input type="checkbox"/> Surgical menopause	1	143
	<input type="checkbox"/> Counseling and guidance	1	144
	Role of midwifery nurse practitioner	1	145
XI Abortion	<input type="checkbox"/> Types, causes	1	146
	<input type="checkbox"/> Legislations, Clinical rights and professional responsibility	1	147
	<input type="checkbox"/> Abortion procedures	1	148
	<input type="checkbox"/> Complications	1	149
	<input type="checkbox"/> Nursing management Role of midwifery nurse practitioners	1	150

EVALUATION

Sr. no	Internal assessment (theory)	Max Marks
	Periodical Exams-2	
1	Mid-term	50
2	Pre-final	75
3	Seminar-2 (100 X 2)	200
4	Review of article from journal-1	25
5	Topic presentation-3 (50X 3)	150
6	Written assignments	25
7	Panel discussion	50

8	Project work	50
	TOTAL	650

For Internal assessment marks 650 to be converted out of 25

Internal assessment (practical):

Sr. no	Assignments	Marks
1	Nursing care plan	50
2	Clinical presentations	50
3	Case book	30
4	Clinical Supervision Evaluation	100

REFERENCES:-

1. Dutta, Text book of Obstetrics, 4th Ed.
2. Dutta, Text book of Gynecology 3rd ed.
3. C.S.Dawn, Textbook of Gynecology Contraception and Demography, 13th ed.
4. Bobak Jensen, Essentials of Maternity Nursing 3rd ed.
5. Longman, Clinical Obstetrics 9th ed.
6. Campbell, Gynecology by ten teachers 17th ed.
7. Myles, Text book of Midwives 14th ed.