

**Maharashtra University of Health Sciences,
Nashik**



M.Sc.(Nursing) – II Year

**Revised Syllabus for Obstetrics &
Gynaecological Nursing**

**(Applicable for students admitted from
Academic Year 2015-16)**

Syllabus as per Board of Studies Meeting dated 16/10/2010, 21/04/2014 & Approved by
Academic Council on 24/04/2015 vide Resolution Number 31/2015.

CLINICAL SPECIALITY – II
OBSTETRIC AND
GYNAECOLOGICAL NURSING

Placement – II year

Hours of instruction

Theory : 150

Practical : 950

Total : 1100

Course description

This course is designed to assist the student in developing expertise and in-depth understanding in the field of obstetric and gynecological Nursing. It will help the student to develop advance-nursing skill for nursing interventions in various obstetrical and gynecological conditions. It will further enable the students to functions as midwifery nurse practitioner / specialist, educator, manager and researcher in the field of obstetric and gynecological nursing.

Objectives

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

1. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynecological conditions
2. Perform physical, psychological, cultural and spiritual assessment
3. Demonstrate competence in caring for women with obstetrical and gynecological conditions
4. Demonstrate competence in caring for high risk newborn
5. Identify and manage obstetrical and neonatal emergencies as per protocol
6. Practice infection control measures
7. Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynecological and neonatal care
8. Demonstrate skill in handling various equipments / gadgets used for obstetrical, gynecological and neonatal care
9. Teach and supervise nurses and allied health workers
10. Design a layout of specialty units of obstetrics and gynecology
11. Develop standards for obstetrical and gynecological nursing practice
12. Counsel women and families
13. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrical and gynecological nursing
14. Function as independent midwifery nurse practitioner

SR. NO	UNIT	TOPIC	THEORY	PRACTICALS
	I	<p>Management of problems of women during pregnancy</p> <ul style="list-style-type: none"> ❑ Risk approach of obstetrical nursing care, concept & goals ❑ Screening of high –risk pregnancy, newer modalities of diagnosis ❑ Nursing management of pregnancies at risk-due to obstetrical complication ➤ Pernicious vomiting ➤ Bleeding in early pregnancy, abortion, ectopic pregnancy, and gestational trophoblastic diseases ➤ Hemorrhage during late pregnancy, ante partum, hemorrhage, placenta praevia, abruptio placenta ➤ Hypertensive disorders in pregnancy, pre –eclampsia, eclampsia, heomolysis elevated liver enzyme, Low platelet count (HELLP) ➤ I so –immune diseases. Rh and abo incompatibility ➤ Hematological problems in pregnancy ➤ Hydramnios –oligoydramnios ➤ Prolonged pregnancy post term, post maturity ➤ Multiple pregnancies ➤ Intra uterine infection & pains during pregnancy. <p>Intra uterine Growth Retardation (IUGR), premature rupture of Membrane (PROM), intra uterine death</p>	25	
	II	<p>Pregnancies at risk-due to pre existing health problems</p> <ul style="list-style-type: none"> ❑ Metabolic conditions ❑ Anemia and nutritional deficiencies ❑ Hepatitis ❑ Cardio-vascular disease ❑ Thyroid disease ❑ Epilepsy ❑ Essentials hypertension ❑ Chronic renal failure ❑ Tropical diseases ❑ Psychiatric disorders ❑ Infections Toxoplasmosis rubella cytomegalo virus Herpes (TORCH): Reproductive Tract infections (RTI): STD: HIV/AIDS, vaginal infections; Leprosy, Tuberculosis ❑ Other risk factors: Age-Adolescents, elderly; unwed mothers, sexual abuse, substance use <p>Pregnancies complicating with tumors, uterine anomalies, prolapse, ovarian cyst</p>	15	

SR. NO	UNIT	TOPIC	THEORY	PRACTICALS
	III	Abnormal labour, pre-term labour & obstetrical emergencies <ul style="list-style-type: none"> □ Etiology, pathophysiology and nursing management of <ul style="list-style-type: none"> ○ Uncoordinated uterine actions, Antony of uterus, precipitate labour, prolonged labour ○ Abnormal lie, presentation, position compound presentation ○ Contracted pelvis –CPD; dystocia ○ Obstetrical emergencies Obstetrical shock, vasa praevia, inversion of uterus, amniotic fluid embolism, rupture uterus, presentations and prolapse cord ○ Augmentation of labour Medical and surgical induction ○ Version ○ Manual removal of placenta ○ Obstetrical operation: Forceps delivery, Ventouse, Caesarian section, Destructive operations ○ Genital tract injuries –Third degree perinea tear ,VVF,RVF ➤ Complications of third stage of labour: <ul style="list-style-type: none"> ○ Post partum Hemorrhage ○ Retained Placenta 	15 + 2	
	IV	Post partum complications <ul style="list-style-type: none"> □ Nursing management of <ul style="list-style-type: none"> ○ Puerperal infections, puerperal sepsis, urinary complications, puerperal venous thrombosis and pulmonary embolism ○ Sub involution of uterus, breast conditions, Thrombophlebitis Psychological complications, post partum blues, depression, psychosis 	10	
	V	High Risk Newborn <ul style="list-style-type: none"> □ Concept, goals, assessment, principles. □ Nursing management of <ul style="list-style-type: none"> ● Pre-term, small for gestational age, post –mature infant, and baby of diabetic and substance use mothers ● Respiratory conditions, asphyxia neonatorum, neonatal apnea meconium aspiration syndrome, pneumo thorax, pneumomediastnum ● Icterus neonatorum ● Birth injuries ● Hypoxic alchemic encephelopathy ● Congenital anomalies ● Neonatal hypocalcaemia, hypoglycemia, Hypomagnesaemia ● Neonatal heart diseases ● Neonatal hemolytic disease ● Neonatal infections, neonatal sepsis, ophthalmia neonatorum, congenital syphilis, HIV/AIDS ● Advanced neonatal procedures ● Calculation of fluid requirements ● Hematological conditions - erythblastosis fetalis, hemorrhagic disorder in the newborn ● Organization of neonatal care, services (Levels), transport, neonatal intensive care unit, organization and management of nursing services in NICU 	25	

SR NO	UNIT	TOPIC	THEORY	PRACTICALS
	VI	Gynecological problems and nursing management <ul style="list-style-type: none"> □ Etiology, pathophysiology, diagnosis and nursing <ul style="list-style-type: none"> ○ Disease of genital tract ○ Uterine displacement ○ Genital prolepses ○ Uterine malformation Uterine fibroid, ovarian tumors, Breast carcinoma, pelvic inflammatory diseases, reproductive tract malignancies, hysterectomy-vaginal and abdominal	25	
	VII	Infertility <ul style="list-style-type: none"> • Primary and secondary causes • Diagnostic procedures • Counseling : ethical and legal aspects of assisted reproductive technology (ART) • Recent advancement in infertility management • Adoption procedures Role of nurses in infertility management	5	
	VIII	Menopause <ul style="list-style-type: none"> • Physiological , Psychological and social aspects • Hormone Replacement Therapy • Surgical Menopause • Counseling and guidance Role of midwifery nurse practitioner	5	
	IX	Administration and management of obstetrical and gynecological unit <ul style="list-style-type: none"> □ Design & layout □ Staffing □ Equipment, supplies □ Infection control: Slandered safety measures □ Quality Assurance :obstetric auditing –records /reports .Norms ,policies and protocols Practice standards for obstetrical and gynecological unit	5	
	X	Education and training in obstetrical and gynecological care <ul style="list-style-type: none"> □ Staff orientation, Training and development □ In-services education programs Clinical teaching programs Planning Midwifery programme – GNM, B Sc, ANM,Dai /TBA	2	3
	XI	International & National agencies –ICM ,SOMI	1	

Practicals

Total = 960 Hours

1 Week = 30 Hours

Clinical practice in Obstetrical and Gynecological setting i.e., Antenatal Out Patient Department, Labor room, Post natal / MCH clinic, NICU, Obstetrical and gynecological Operation Theatres, Gynecological ward, Post partum . MTP clinic, Infertility centers Community Health center / Primary health center.

Sr. No.	Deptt. / Unit	No. of Week	Total Hours
1	Antenatal OPD including Infertility clinics/ Reproductive medicine, Family welfare and post partum clinic / PTCT	6	180 Hours
2	Antenatal and postnatal ward	6	180 Hours
3	Labor room	4	120 Hours
4	Neonatal Intensive Care Unit	3	90 Hours
5	Obstetric / Gynae Operation Theatre	3	90 Hours
6	Gynae Ward	4	120 Hours
7	CHC, PHC, SC	6	180 Hours
	Total	32 Weeks	960 Hours

Essential Obstetrical and gynecological Skill

Procedure observed

- ART procedures
- Infertility management : artificial reproduction : artificial insemination, invitro fertilization, and related procedures
- Ultra sonography
- Specific laboratory tests
- Amniocentesis
- Cervical & vaginal cytology
- Fetoscopy
- Hysteroscopy
- MRI
- Surgical diathermy
- Cryosurgery

Procedure Assisted

- Operative delivery
- Abnormal deliveries –Forceps application, Ventouse, Breech
- Exchange blood transfusion
- Culdoscopy
- Cystoscopy
- Tuboscopy
- Laparoscopy
- Endometrial Biopsy
- Tubal Patency test
- Chemotherapy
- Radiation therapy
- Medical termination of Pregnancy
- Dilation and Curettage

Procedures performed

- Relevant history taking obstetric/Gyn
- Complete General physical Examination
- Antenatal assessment - 20
- Assessment of risk status
- Health education, counseling and mother craft classes
- Antenatal immunization
- Assessment of intra uterine fetal well-being
- Universal precautions –effective infection control methods
- Assessment of women in abnormal pregnancy
- Vaginal examination and interpretation (early pregnancy, labour, post partum)
- Utilization of partograph, Cervicograph
- Medical & surgical induction
- Conduction of safe delivery
- Application of outlet forceps, delivery of breach –Burns Marshall, Loveset maneuvers
- Episiotomies suturing
- Manual removal of placenta, placental examination
- Postnatal assessment – 20
- Management of breast engorgement, while leg
- Postnatal counseling
- Reposition of inversion of uterus
- Breast care, breast exam, and drainage breast abscess
- Postnatal exercise
- Newborn assessment –Ruling out congenital anomalies
- Assessment of high risk newborn
- Neonatal resuscitation
- Apgar score
- Monitoring neonates
 - Clinically
 - With monitor
 - Capillary refill time
 - Assessment of jaundice
- Gastric lavage
- Gastric gavages
- Care of child in multi channel monitor and ventilator
- Care of child in radiant, warmer and incubator
- Kangaroo care
- Anthropometrics measurement
- Neonatal reflexes
- Breast feeding
- Parental nutrition & fluid balance /infusion pump
- Feeding technique
- Medication
 - Oral
 - I.D
 - I.M
 - I.V
- Capillary blood sample collection
- Oxygen therapy
- Phototherapy
- Chest physiotherapy
- Parental counseling –bereaved parents
- Setting of operation theatre
- Trolley and table set up for Obstetrical & gynecological operations
- Pap smear preparation

- Taking vaginal test for ovulation
- Vaginal pessaries
- Gynecological therapy
- Insertion of IUD and removal
- Counseling infertile couple

MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES

M Sc NURSING : CLINICAL SPECIALITY II - OBSTETRIC & GYNAECOLOGIC NURSING

SECOND YEAR

SCHEME OF INTERNAL ASSESSMENT

Internal Assessment

Sl. No.	Techniques	Number	Weightage
1	Tests Midterm (50 marks) Prefinal (75 marks)	2	50 75
2	Other Assignment Seminar (100 marks) Journal Presentation (50 marks)		100 50 <hr/> 275

Total Internal Assessment 25

Total External Assessment 75

Practical Experience Evaluation

1.	Care Plan - ANTENATAL	1	50
2.	INTRANATAL	1	50
3.	POSTNATAL	1	50
4.	Care Plan NEWBORN	1	50
5.	CLINICAL PRESENTATION Antenatal Postnatal	1 1	50 50
6.	CASE BOOK /JOURNAL	1	30
7.	CLINICAL EVALUATION Antnatal, Postnatal	2	200 (100x2)
8.	PRACTICE TEACHING (NG EDN)	1	
9.	PREFINAL EXAMINATION	1	100
10.	Mid term Practical Examination	1	50
11.	Prefinal Practical Examination	1	100
			780

UNIVERSITY EXAMINATION

1. WRITTEN EXAMINATION
2. PRACTICAL EXAMINATION

75 MARKS
100 MARKS

Maharashtra University of Health Sciences, Nashik
M.Sc Nursing
Clinical specialty – Obstetric and Gynaecology Nursing

SEMINAR EVALUATION PROFORMA

Subject: ----- Topic: -----

Name of the Student: -----

Date /Time: -----

Name of the Evaluator /Guide: -----

S.No	CRITERIA	Marks allotted	Marks obtained
1	AIMS AND OBJECTIVES	5	
2	ORGANISATION OF CONTENT <ul style="list-style-type: none">▪ Latest information▪ Simple to complex▪ Application of Nursing Theory	15	
3	PRESENTATION <ul style="list-style-type: none">▪ Introduction▪ Content, relevancy▪ Teaching technique	50	
4	AUDIOVISUAL AIDS	15	
5	SPEAKER'S QUALITIES <ul style="list-style-type: none">▪ Appearance▪ Confidence▪ Communication skill▪ Voice modulation	5	
6	GROUP DISCUSSION	5	
7	REFERENCES	5	
	TOTAL	100	

REMARKS

SIGNATURE OF STUDENT

EVALUATION CRITERIA

CASE RESENTATION	TOTAL SCORE –50
I. Assessment	10
History taking & Physical assessment	
II. Disease condition in detail –Aetiology, Pathophysiology	10
Clinical features, investigations, Medical management	
III. Objectives of care	04
IV. Application of Nursing theories	06
V. Nursing diagnosis	06
VI. Nursing Management	10
VII. Conclusion	04

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M.Sc Nursing

Clinical speciality – Obstetric and Gynaecology Nursing

CLINICAL EVALUATION PROFORMA

Name of the Student : ----- **DURATION:**-----

Clinical Area :-----

S.No	CRITERIA	4	3	2	1
1.	PERSONALITY & ATTITUDE Grooming & turn out				
2	Able to think logically & well informed				
3	Attentive listener				
4	Communicate effectively				
5	Trustworthy & reliable				
6	Enthusiastic, interested & takes initiatives when situation demands				
7	Courteous, tactful & considerate in all her dealings with patient, significant other team members.				
8	Displays leadership qualities				
9	Follows instructions & exhibits positive behavioural changes				
10	Complete assignments on time with self motivation & effort				
11	KNOWLEDGE Possess sound knowledge of principles of obstetric Nursing				
12	Has understanding of the modern trends & current issues in obstetric Nursing practices.				
13	Has knowledge of physiological changes during pregnancy, labour & puerperium.				
14	Has adequate knowledge of diet				
15	Demonstrate evidence of self learning by current literature & seeking help from experts in the field.				
16	APPLICATION & SKILL Able to accurately elicit health history				
17	Able to perform & assist in the examination diagnostic procedures T treatment modalities.				
18	Displays skill in trolley setting & assisting in instrumental deliveries & other procedures.				
19	Confident & skillful in conducting normal deliveries & rendering antenatal and postnatal care of gynae patients.				
20	Make relevant observation & records & reports.				
21	Identifies risk factors & manages emergency situations effectively & promptly				
22	Works independently & makes prompt relevant decision in all situation.				
23	Submits assignments with self-motivation & efforts				
24	Demonstrates sound knowledge of drugs used in Obs. And gynae practices				
25	Applies Nursing theories through Nursing process in the clinical field.				

REMARKS:

SIGNATURE OF THE SUPERVISOR

SIGNATURE OF THE STUDENT