**Unit** | **Hours** | **Content** | **Lesson in Hours** | **Lesson Series**
--- | --- | --- | --- | ---
**I** | 25 | Management of problems of women during pregnancy  
- 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, Hemolysis Elevated liver enzyme Low Platelet count (HELLP)  
  - Iso-immune diseases. Rh and ABO incompatibility  
  - Hematological problems in pregnancy.  
  - Hydramnios-oligohydramnios  
  - Prolonged pregnancy- post term, post maturity.  
  - Multiple pregnancies.  
  - Intra uterine infection & pain during pregnancy.  
  - Intra Uterine Growth Retardation(IUGR).  
  - Premature Rupture of Membrane(PROM), intra uterine death | 1 | 1  
| 1 | 2  
| 2 | 3-4  
| 1 | 5  
| 1 | 6  
| 2 | 7-8  
| 2 | 9-10  
**II** | 15 | Pregnancies at risk due to pre-existing health problems  
- Metabolic conditions.  
- Anemia and nutritional deficiencies  
- Hepatitis  
- Cardio-vascular disease.  
- Thyroid diseases.  
- Epilepsy.  
- Essential hypertension  
- Chronic renal failure.  
- Tropical diseases.  
- Psychiatric disorders  
- Infections Toxoplasmosis Rubella Cytomegalovirus Herpes (TORCH); Reproductive Tract Infection(RTI);STD;  
  HIV/AIDS, Vaginal infections; Leprosy, Tuberculosis  
- Other risk factors: Age- Adolescents, elderly; unwed mothers, sexual abuse, substance use  
- Pregnancies complicating with tumors, uterine anomalies, prolapse, ovarian cyst | 1 | 26  
| 1 | 27  
| 1 | 28  
| 1 | 29  
| 1 | 30  
| 1 | 31  
| 1 | 32  
| 1 | 33  
| 2 | 34-35  
| 1 | 36  
**III** | 15 | Abnormal labour, pre-term labour & obstetrical emergencies  
- Etiology, pathophysiology and nursing management of  
  - Uncoordinated uterine actions, Atony of uterus, precipitate labour, prolonged labour.  
  - Abnormal lie, presentation, position compound | 1 | 41  
| 1 | 42  
| 1 | 43
### Obstetrical Emergencies

- Contracted pelvis-CPD; dystocia.
- Obstetrical shock, vasa praevia, inversion of uterus, amniotic fluid embolism, rupture uterus, presentation and prolapse cord.
- Augmentation of labour. Medical and surgical induction.
- Version
- Obstetrical operation: Forceps delivery, Ventouse, Caesarian section, Destructive operations
- Genital tract injuries-Third degree perineal tear, VVF, RVF
  - Complications of third stage of labour:
    - Post partum Hemorrhage.
    - Retained placenta.

### Post Partum Complications

- Nursing management of
  - 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

### High Risk Newborn

- Concept, goals, assessment, principles.
- Nursing management of
  - Pre-term, small for gestational age, post-mature infant, and baby of diabetic and substance use mothers.
  - Respiratory conditions, Asphyxia neonatorum, neonatal apnoea meconium aspiration syndrome, pneumo thorax, pneumo mediastinum
  - Icterus neonatorum.
  - Birth injuries.
  - Hypoxic ischaemic encephelopathy
  - Congenital anomalies.
  - Neonatal seizures.
  - Neonatal hypocalcaemia, hypoglycemia, hypomagnesaemia.
  - Neonatal heart diseases.
  - Neonatal hemolytic diseases
  - Neonatal infections, neonatal sepsis, ophthalmia neonatorum, congenital syphilis, HIV/AIDS
  - Advanced neonatal procedures.
  - Calculation of fluid requirements.
  - Hematological conditions – erythroblastosis 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

### HIV/AIDS

- HIV positive mother and her baby
- Epidemiology
- Screening
- Parent to child transmission(PTCT)
- Prophylaxis for mother and baby
- Standard safety measures
- Counseling
- Breast feeding issues
### PRACTICALS TO BE TAUGHT 10 HRS

<table>
<thead>
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<th>Hours</th>
<th>Description</th>
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<td>VII</td>
<td>25</td>
<td>Gynecological problems and nursing management</td>
<td>102-103, 104-105</td>
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<td>- Gynecological assessment</td>
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<td>- Etiology, pathophysiology, diagnosis and nursing management of</td>
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<td>- Menstrual irregularities</td>
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<td>- Diseases of genital tract</td>
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<td>- Genital tract infections</td>
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<td>- Uterine displacement</td>
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<td>- Genital prolapse</td>
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<td>- Genital injuries</td>
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<td>- Uterine malformation</td>
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<td>- Uterine fibroid, ovarian tumors, Breast carcinoma, Pelvic inflammatory diseases, reproductive tract malignancies, hysterectomy – vaginal and abdominal.</td>
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<td>- Sexual abuse, rape, trauma, assault</td>
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<td>VIII</td>
<td>5</td>
<td>Administration and management of obstetrical and gynaecological unit</td>
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<td>- Design &amp; layout</td>
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<td>- Staffing,</td>
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<td>- Equipment, supplies,</td>
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<td>- Infection control; Standard safety measures</td>
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<td>- Quality Assurance:-Obstetric auditing –records/reports, Norms, policies and protocols</td>
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<td>- Practice standards for obstetrical and gynaecological unit</td>
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<td>IX</td>
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<td>Education and training in obstetrical and gynaecological care</td>
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<td>- Staff orientation, training and development,</td>
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<td>- In-service education program, Clinical teaching programs</td>
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- History taking.
- Physical Examination-General
- Antenatal assessment.
- Pelvic examination
- Assessment of risk status.
• Universal precautions- Disposal of biomedical waste.
• Per Vaginal examination and interpretation (early pregnancy, labour, post partum).
• Utilization of Partograph
• Vacuum extraction
• Conduct of delivery.
• Repair of tears and Episiotomy suturing.
• controlled cord traction, Manual removal of placenta, placental examination,

• Postnatal assessment
• Management of breast engorgement
• Postnatal counseling.
• Reposition of inversion of uterus.
• Laboratory tests: Blood- Hb, Sugar, Urine-albumin,sugar
• Breast care, breast exam, and drainage breast abscess.
• Postnatal exercise.
• Assessment –New born assessment; physical and neurological, Apgar score, high-risk newborn, Monitoring neonates; Clinically and With monitors, Capillary refill time, Assessment of jaundice, danger signs
• Anthropometric measurement
• Neonatal resuscitation
• Care of newborn in multi channel monitor and ventilator.
• Care of newborn in radiant warmer and incubator.
• Kangaroo mother care.
• Assisting mother with exclusive Breast-feeding
• Feeding technique: Katori, spoon, naso/orogastric, Total Parenteral nutrition

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**SCHEME OF INTERNAL ASSESSMENT**

**THEORY**

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<tr>
<th>SR.NO.</th>
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<td>Testes 2</td>
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Midterm                               (50 marks)
Prefinal                               (75 marks)

2 Other Assignment
   Seminar                              (50 marks)
   Journal Presentation                 (50 marks)

Total Internal Assessment  25
Total External Assessment  75

**PRACTICAL EXPERIENCE EVALUATION**

1. Care Plan- ANTENATAL                          50
2. INTRANATAL                                        50
3. POSTNATAL                                         50
4. Care Plan – NEWBORN                               50
5. CLINICAL PRESENTATION  Antenatal   50
                                 Postnatal         50
6. CASE BOOK / JOURNAL                              30
7. CLINICAL EVALUATION  Antenatal, Postnatal       200 (100X2)
8. PRACTICE TEACHING (NG EDN)                      100
9. PREFINAL EXAMINATION                             100
10. Midterm Practical Examination                   50
11. Prefinal Practical Examination                  100

**Total:-**  780

**UNIVERSITY EXAMINATION**

1. WRITTEN EXAMINATION  75 MARKS
2. PRACTICAL EXAMINATION  100 MARKS
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