

**Course title : obstetric**

**Credit Hours: 3**

**Course Number: PgMw 612**

**Instructional Hours: 48hrs**

**Course description**

This basic obstetric course is designed to prepare MSc midwifery student to act competently on the diagnosis and management of normal pregnancy, labor and peripartum and abnormal pregnancy, labor and peripartum

**Objective**

**Course Objective**

After completion of this course, students will be able to diagnosis & manage normal and abnormal basic obstetric conditions in efficient manner.

**Supporting objectives**

After completion of this course students will be able to:

Diagnose of normal pregnancy, labor and peripartum and provide proper management

Diagnose of abnormal pregnancy, labor and peripartum

Give intervention for abnormal diagnosis

Identify pregnancy with medical problem and managing them.

**Course content**

**Part One**

- Feto placenta physiology
- Physiology of pregnancy
- Diagnosis of pregnancy
- Pre conception and pregnancy counseling
- ANC and ante partal surveillance
- Intra partum fetal condition
- Normal physiology of labor and their management
- Partograph
- Normal peripartum

**Part Two**

Abnormal pregnancy

- Amniotic fluid disturbance
- Post term pregnancy
- Ante partum and intra partum complication of multiple pregnancy
- Fetal growth abnormality
  - IUGR
  - IUFD
- APH
- Pre-eclampsia

### **Part three**

Medical disease in pregnancy

- DM (type I and II) and GDM
- Cardiac disease
- Anemia
- Malaria
- Tuberculosis
- UTI
- Intestinal parasitosis
- RH iso-immunization
- Viral infection
  - HIV/AIDS (PMTCT and ART)
  - Hepatitis
  - Cytomegalovirus
  - Herpes virus

### **Part Four**

Abnormal labor management

- Prolonged labor
- PROM and pre term labor
- Obstructed labor
- CPD
- Induction and augmentation
- Mal-position and mal-presentation

- Occiputo posterior position
- Brow presentation
- Shoulder presentation
- Compound presentation
- Breech presentation and Face presentation
- Fetal distress
- Labor pain management options

### **Part Five**

#### Abnormal puerperium

- PPH
- Puerperal sepsis
- DVT
- Psychiatric problems
- Postnatal care for HIV exposed neonate
- Post partal family planning service

### **Course Prerequisites**

- This course has no prerequisites

### **Course Logistics**

Location:

### **Teaching Methods**

- Illustrated lectures
- Group discussion
- Brain storming
- Video Show
- Reading assignments
- Seminars
- Demonstration

### **Methods of Assessment**

- Seminars: consists of 10% of final grade.
- OSCE: 25%
- Mid term exam: consists of 25% of final grade.

- Final exam: consists of 40% of final grade.

- **Grading:**

- Below 50        =        F
- 50 – 59        =        D
- 60 – 64        =        C
- 65 – 69        =        C+
- 70 – 79        =        B
- 80 – 84        =        B+
- 85-100        =        A

### **Attendance Criteria**

This course will involve numerous discussions and class activities, students are expected to attend all classes. Absences will result in grade reduction and must be incompleteness since class attendance is mandatory.

### **References**

1. D. Keith Edmonds, Dewhurst's text book of obstetrics and Gynecology, 7<sup>th</sup> edition.
2. Paul D. chan (MD), Susan M.Johanson (MD), Current clinical strategies, Gynecology and Obstetrics, 2004.
3. Current Diagnosis and treatment Obstetrics and Gynecology, 10<sup>th</sup> edition.
4. Schocge, Schaffer, Halvorson, Hoffmm, Bradshaw, Cunningham; Williams Genecology.