

# **Syllabus for FOGSI- ICOG Certificate Course in Fetal Medicine**

## **OBJECTIVE**

This is a six month certification program geared towards development of an obstetrician with expertise in Fetal medicine as sub - specialty.

Training is focused on tertiary level of fetal care, which involves comprehensive screening protocols for fetal conditions, investigative workup of the "fetus-at risk" as well as appropriate management of confirmed abnormal cases.

## **Course contents**

### **a) Ultrasonography for fetal evaluation in**

1) Early pregnancy

2) First trimester

3) Second trimester

4) Third trimester

5) Multiple gestations

### **b) Genetic counseling**

### **c) Prenatal invasive procedures(diagnostic and therapeutic interventions)**

a. Faculty will act as teachers, facilitators and expert authorities

b. Self directed efforts at learning and research data compilation is encouraged

c. Hands on training and patient management under supervision is provided

d. Internet access, CDs, video - clips, full fledged library, class room teaching, interactive sessions, journal clubs and case presentations as per pre - fixed schedules.

### **Ultrasonology**

- a) Introduction to OBGYN scan
- b) I trimester USG (Normal)
- c) I trimester USG (Abnormal)
- d) Early pregnancy evaluation
- e) Anomalyscans(TIFFA)
- f) Biometry and GA assignment - serial scans.
- g) Doppler scans
- i) Transvaginal scans for cervical assessment

### **Fetal issues**

- a) Screening for aneuploidies - conventional strategies and recent advances
- b) FGR
- c) Fetal Infections
- d) Recurrent abortions
- e) Fetal Surveillance in HRP
- f) Evidenced based management protocols
- g) Case discussions –

- Pregnancy with Down's baby
- Multiple gestation (twins/triplets etc)
- Post dates
- Previous IUD
- Previous anomalous fetus
- Ongoing pregnancy with fetal anomaly
  
- Gestational diabetes Mellitus
- Thyroid Disease in Pregnancy
- Neonatal Ambiguous Genitalia
- Pituitary Problems and Pregnancy
- Diaphragmatic Hernia
- Common questions asked by mother
- When to refer neonates

### **Fetal interventions**

- a) Invasive diagnostic procedures – when and how?
- b) Invasive therapeutic procedures – when and how?

## Expectations from the candidate

The role of the Fetal Medicine Fellow would be -

- To perform detailed USG and ancillary documentation required and in the management of complicated clinical cases,
- To propose his/her own plan of management and justify it
- To gather evidence based data in favor of or against the various options in management
- To monitor the progress of cases as his/her own, sharing his/her observations and plans with the attending staff
- To complete the allotted log book diligently and submit it for approval by the centreco-ordinator at least 15 days prior to the examination.
- Training - to fully comprehend the essential and fundamental principles relating to practice.
- Research - to submit atleast one dissertation on an allotted topic

## Assessment for certification

### Internal assessment

Internal assessment will be based on the evaluation of the log book. The candidate is expected to maintain a proper record of events of teaching and experiences that he/she has obtained during the fellowship period in a log book. The record will include academic activities as well as the presentations and procedures carried out by the candidate.

The log book should be maintained as per details mentioned in log book section. This log book must be completed and countersigned by the centreco-ordinator.

### The written assessment:

There shall be a written assessment at the end of 6 months training .Theory paper shall carry 100 marks. The paper will be set and examined centrally by the ICOG.

### **Practical Exam:**

There shall be one external examiner, appointed by the ICOG ~ FOGSI. 1 hour maximum 100 marks

### **Passing marks - 60%**

### **Certification:**

Based on the recommendations made by the examiners, successful candidate would be awarded the Certificate scroll by ICOG ~ FOGSI. This certificate will be awarded during the annual ICOG convocation at AICOG.

In case of unsatisfactory completion, the trainee would be given another chance to appear before the examiners (6 months) later.