

FOGSI Advanced Infertility Training Syllabus (14 Days)

Day 1:

Lectures

- Evaluation of Infertile Couple
- Basic Investigations of Infertile Couple
- Semen Analysis – How to Interpret

Live Training: Semen Analysis, Sperm Morphological evaluation

Day 2:

Lectures

- Ultrasound at First visit – What to evaluate?
- Anovulation: Etiology & Diagnosis
- Male Infertility

Live training: Follicular monitoring – Attending & observing folliculometry scans

Day 3:

Lectures

- Fertility aspects of Tubal infertility
- Pelvic Inflammatory disease: diagnosis & Management
- Genital TB: implications & Management

Live Training: Semen preparation by swim up technique

Day 4:

Lectures

- Ovulation induction (OI) protocols in COH & IUI
- Adjuvants in OI management
- Ovulation trigger in IUI

Live Training: Semen preparation by Density gradient technique

Day 5:

Lectures

- Ovarian reserve testing
- PCOS: etiology, pathogenesis, diagnosis & Management
- Thyroid disorders & Infertility

Live Training: IUI: how to perform?

Day 6:

Lectures

- Ultrasonographic Endometrial evaluation during OI
- Luteal Phase support
- OHSS: prediction, prevention, monitoring & Management

Live training: Semen freezing

Day 7:

Lectures

- Optimizing IUI results
- When to convert IUI to IVF?
- How to manage difficult IUI?
- All about donot insemination

Practice sessions: Semen analysis & preparation

Day 8:

Lectures:

- Medical therapy in Oligospermia / Azoospermia
- How to manage erectile dysfunction, anejaculation or retrograde ejaculation
- Pretreatment in ART
- How to set up Lab?

Live training: oocyte retrieval

Day 9:**Lectures:**

- Let us understand Poor responder: diagnosis criteria & management
- Protocols of Downregulation of pituitary
- Individualized ovulation induction protocols

Live Training: Hunting & denudation of oocytes

Day 10:**Lectures:**

- Endometriosis : management & OI protocols
- Fibroid & Infertility
- Conventional IVF vs ICSI

Live training: ICSI, conventional IVF

Day 11:**Lectures:**

- Endometrial preparation protocols in FET
- Luteal phase support in ART
- Hormonal monitoring in IVF

Live training: Embryo culture, Laser assisted hatching

Day 12:**Lectures:**

- Optimizing IVF results
- Fresh ET vs FET: advantages & disadvantages in different responders
- Cleavage stage vs Blastocyst transfer

Live training: Embryo vitrification & Thawing

Day 13:**Lectures:**

- Embryo transfer techniques

- How to handle difficult ET?
- How to organize donor oocyte cycles?

Live training: Embryo transfer, loading of embryos

Day 14:

Lectures:

- Recurrent IVF/ implantation failure
- Endometrial receptivity
- Fertility enhancing endoscopic surgeries

Live training: Sperm DNA fragmentation