



Objective:

After this four-day professional diploma, obstetricians and gynecologists will be able to correctly diagnose and manage infertility cases and also master assisted reproductive technologies basis safely and effectively.

Methodology:

- Practical training workshops and academic experience.
- Live demonstrations.
- Interactive presentations.
- Discussion.
- Case studies.

Course Outline

Infertility Management:

1. Female reproductive system (anatomy, physiology, and endocrinology).
2. Management of infertility (history, examination, investigation, and findings).
3. Anovulation, PCOS, unexplained infertility and premature menopause.
4. Tubal infertility, uterine causes, endometriosis, reproductive surgeries.
5. Male factors infertility.
6. Role of endoscopy in infertility.
7. Infertility management.
 - Protocols of management.
 - Drugs used to induce ovulation.
8. Intrauterine Insemination (IUI)
 (Patient selection, Drugs used in IUI, Procedure, Technique, Semen preparation, Success rate, and Complications).

IVF

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| 1. Patient selection and counselling for IVF. | 7. Luteal phase support. |
| 2. Controlled ovarian stimulation protocol. | 8. ICSI and PCOS. |
| 3. Induction of IVF. | 9. ICSI and Endometriosis. |
| 4. Monitoring of IVF. | 10. ICSI and Poor Reserve. |
| 5. Oocyte retrieval. | 11. Sex selection. |
| 6. Embryo transfer. | 12. Cryopreservation. |



Professional Diploma

INFERTILITY

& IVF

IVF Workshop

1. Patient selection and preparation.
2. Start the IVF cycle & prescription.
3. Folliculometry & follow up.
4. Egg collection (simulator).
5. Embryo transfer (simulator).

IVF Workshop

1. Primary pelvic scan.
2. Adjust the best view.
3. Trans-vaginal ultrasound in IVF.
4. Doing retrieval (simulator).
5. Embryo transfer (simulator).

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