



# Fellowship in Reproductive Endocrinology

Accredited by The CPD Standards (U.K)

# Course Overview

Infertility is a global issue affecting approximately 13 to 14 per cent of the population worldwide resulting in close to one in six couples facing difficulty in conceiving. However, with a better understanding of human reproductive physiology and the availability of modern diagnostic technology, more and more couples are receiving the gift of parenthood.



The birth of Louis Brown, the world's first IVF baby on July 25, 1978, revolutionized the management of infertility. Assisted Reproductive Technology (ART), the broad spectrum of medical procedures used to treat infertility includes treatments that address complications of both the egg and sperm.

In vitro fertilization (IVF) or Intra Cytoplasmic Sperm Injection (ICSI) is done as first line of treatment in cases concerning tubal pathology, severe male factor infertility azoospermia, fertility preservation in cancer patients, pre-implantation genetic diagnosis and donor oocyte. IVF is also recommended for patients with ovulatory dysfunction (PCOS) and endometriosis.

## Course Objectives

- To impart in-depth elucidation of all aspects of an IVF cycle including pre-treatment evaluation and testing, keeping in mind the ethical and economic implications of the treatments.
- Avail the opportunity to observe various treatment procedures both through theoretical classes, video feeds and visits to the clinic and operating room for ultrasound scans, oocyte recovery and embryo transfer.
- The course is ideal for both beginners and established IVF practitioners in the IVF field who are looking to further enhance their skills.
- To impart thorough embryological skills to person of interest.

## Career in Reproductive Endocrinology

You'll be taught by a mix of experienced embryologists, andrologists, scientists, and clinicians, and this will give you the well-rounded knowledge and skills to enter a career in ART, either in a clinical or research setting.

# Course Curriculum

- Physiology of Reproductive Medicine and Introduction of IVF.
- Counseling and History Taking in Infertility.
- Investigation of Infertility and Indications of IVF.
- Importance of Bio Marker in Infertility.
- Drugs Used in Ovarian Stimulation – Evidence.
- Ovarian Stimulation in IUI and Luteal Phase Support.
- Choosing the Right Stimulation Protocol and Trigger.
- Monitoring of IVF Cycles.
- Luteal Phase Support.
- Thyroid Disorders and Hyper Prolactinemia and Infertility.
- Management of Hyper Responder and Guidelines.
- Management of Poor Responders.

- Oocyte Retrieval and Embryo Techniques.
- OHSS Free Clinic.
- Freeze All.
- Male Infertility.
- Role of Fibroid, Endometriosis, Adenomyosis and Infertility.
- Physiology of Implantation.
- Unexplained Infertility.
- Advance Techniques.
- Approach Towards Recurrent IVF Failure.
- Management of Azoospermia.
- Third Party Donation / Surrogacy.
- Reduction of Multiple Pregnancy, Single Embryo Transfer.
- Reproduction Tract and Infection.
- Fertility Preservation and Cancer Therapy.
- Genetics in ART.

**Course Duration:**

**1 Year (With 8 Weeks Practical Learning)**

**Course Fee:**

**Rs. 3, 50,000 for Indian Students | USD 4750 for International Students**

**Eligibility : MBBS, DGO/MD or MS(Gynec)**



# About WINGS IVF Women's Hospital



WINGS IVF Women's Hospitals is a leading chain of state of the art Super Specialty IVF hospitals with 4 centers in India & 1 center in Kenya.

WINGS IVF provides a high level of Fertility care with best quality, comprehensive & holistic care to the couples seeking fertility care. An interdisciplinary team of expert and caring professionals is committed to meeting the physical as well as emotional needs of each woman and her family. WINGS IVF Group today stands as one of the highest experienced centers in India for advanced IVF techniques like PGT and ERA, with firm commitment towards academics & trainings. The WINGS IVF Hospital has been designed and furnished to provide a high level of Fertility care with comfort and privacy. WINGS IVF has been constantly maintaining industry leading success rates by maintaining robust protocols across the country.

**Dr. Jayesh Amin** – Clinical Director – WINGS IVF Group to his personal recognition is Gujarat's chapter secretary for Indian Fertility Society.

## **WINGS IVF specializes in: –**

- Freeze all embryo.
- DNA fragmentation tests to ensure higher success rates.
- All the centers together does 2800+ embryo transfer per year.
- 15000+ live births through IVF in last 9 years.
- 9000+ live births in Recurrent IVF failure cases.
- 1500+ successful PGT cases.
- 1200+ successful ERA cases.
- Referral center for Recurrent IVF failure cases.
- IMSI.
- Time lapsing protocol.
- Triple gas bench-incubator.
- Smart match system.
- BT19 E10 4D sonography machine.
- Closed Loop system– First time in Asia.
- More than 300+ IVF consultants & 250+ Embryologist trained in last 8 years.

## **Achievements: –**

- "Excellence in Infertility treatments" award from then Union Health Minister 'Shri. J P Nadda in New Delhi (2016).
- European Quality Award for Excellence in Infertility Treatments (2018).
- Times Health Icon in IVF (2018).
- Times Health Icon in IVF (2019).
- Fertility Game Changer by Economic Times , Delhi (2019).

## **Accreditation: –**

- Indian Council of Medical Research (ICMR), New Delhi-2020.
- National Accreditation Board for Hospitals and Healthcare Providers – NABH –Surveillance under the process.





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THROUGH BLENDED LEARNING**



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