

ANDROLOGY

Welcome to the Andrology Training Program

Dear Participants,

We are delighted to welcome you to the Andrology Training Program, where we embark on a journey to explore and specialize in the intricate field of male reproductive health.

Throughout this program, you will engage in hands-on training, interactive sessions with experts, and practical workshops designed to hone your skills in Andrology advanced techniques.

Eligibility criteria:

Who Should Attend?

Researchers with experience in micro manipulation, clinical embryologists, clinicians involved in assisted reproduction techniques and IVF lab technologist who want to master the fundamentals of trophoctoderm biopsy or refine their skills in the field.

Location:

This course will be held at the Center of ————

Course Type

3 day-Course -Basic and Advanced.

Key Andrology Techniques in Training Program:

In our Andrology Training Program, you will acquire proficiency in a range of essential techniques essential for comprehensive male reproductive health care. These techniques include:

1. **Semen Analysis:** Learn the principles and practical aspects of semen analysis, including sperm count, motility, morphology assessment, and interpretation of results.

2. **Advanced Sperm Function Tests:** Gain insights into advanced tests assessing sperm function, such as sperm DNA fragmentation tests, capacitation tests, and tests for oxidative stress.
3. **Cryopreservation Techniques:** Learn the techniques involved in sperm cryopreservation, including preparation, freezing, and thawing protocols.
4. **Microsurgical Techniques:** Acquire skills in microsurgical procedures such as sperm retrieval techniques like testicular sperm extraction (TESE) and microdissection TESE (micro-TESE).
5. **Patient Counseling and Education:** Develop effective communication skills for counseling patients on reproductive health issues, treatment options, and lifestyle modifications.
6. **Research and Innovation:** Explore emerging technologies and research methodologies in andrology, fostering a culture of innovation and continuous learning.

Through hands-on training, interactive workshops, and mentorship from seasoned professionals, you will gain the confidence and expertise needed to excel in the field of andrology and make a meaningful impact on patient care.

We look forward to embarking on this educational journey with you and empowering you with the skills and knowledge to provide exceptional care in male reproductive health.

Educational needs and expected outcomes:

Lectures

Discussions Demonstration

Hands-on training

Trouble shooting

The course aims to provide you with: Theory lectures combined with hands on training:

1 Day-

Basic Andrology lab lecture conducted by Senior Andrologist/Embryologist.

Basic understanding of your Andrology lab.

Demonstration of Consumable required for Andrology lab.

Labelling of consumables.

Demonstration of LAF

2 Day-

Hands-on training on all the procedures required in Andrology lab conducted by Senior Andrologist/Embryologist.

Semen analysis.

Cryopreservation of Sperm.

Semen processing for IUI, IVF & ICSI.

Semen processing- Direct Swim-up, Indirect Swim-up, Density Gradient Centrifugation and Simple Wash.

3 Day-

Hands-on training on all the procedures required in Andrology lab conducted by Senior Andrologist/Embryologist.

Semen processing for Virus Infected sample to Reduce Viral load.

Tips and tricks for Andrology lab.

Encountering trouble shooting.

Maximum number of participants:

Maximum 3 participants will be participate.

Language:

The official language of the course is English.

Certification and Accreditation:

When the course is over and the evaluation has been completed, participants can pick up a certificate of attendance.

What's not included?

Travel to and from India

Accommodation Fees for Applying for a Visa

It is recommended that participants arrange for their own travel insurance.

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