

CERTIFIED MASTER COURSES

by Indian Fertility Society



2nd Edition

These days it has been seen that due to paucity of time many practicing clinicians and embryologist are not able to attend long duration courses though they are really interested and in need of enhancing their existing skills. IFS has been getting repeated requests for short duration, very precise and specific training modules for the same from already practicing infertility specialists and embryologists.

Below are mentioned 1 day focussed training modules that have been designed for imparting best of knowledge to already practising busy ART clinicians and embryologists.

CERTIFIED MASTER COURSES

17.01.19, Thursday

Semen analysis , IUI and SFT

18.01.19, Friday

Advanced Andrology : DFI, PRP, Microfluidics

19.01.19, Saturday

Cryobiology : Semen, Oocyte, Embryo, Ovarian Cortex Freezing

20.01.19, Sunday

Embryo culture, media and lab ware: Basics concepts , hands on laboratory procedures

21.01.19, Monday

QA & QC in ART centre

22.01.19, Tuesday

Ovulation induction, gonadotropins and cycle monitoring

23.01.19, Wednesday

Reproductive endocrinology and Applied genetics

24.01.19, Thursday

Fertility preservation and applied laboratory perspective

USP OF THE COURSE

Completely hands on experience wherever applicable

IFS Certified course

7 hrs rigorous mentoring and coaching in every course under renowned National faculty with minimal 15 year experience in ART and embryology

Only 07 candidates per batch

Assurance of mentoring by the expert IFS faculty

COURSE FEE

7,000 INR / Course (Including GST)

Payment accepted by – DD/ Cheques/ NEFT

Account Name : Indian Fertility Society

Account No. : 50562010067180

IFSC code : ORBC0100179

Bank Name : Oriental Bank of Commerce

Branch : Connaught Place, New Delhi-110001

please draw your cheques / DD in favour of "Indian Fertility Society" payable at Delhi

COURSE DIRECTORS



Dr Gouri Devi President-IFS



Dr Pankaj Talwar Secretary General-IFS

VENUE



IFS SECRETARIAT

Flat No.302, 3rd Floor, Kailash Building,
Kasturba Gandhi Marg, C.P, New Delhi-110001

Tel: +91 11 40018184, +91 9899308083, +91 96677 42015 (whatsapp)

Email: indianfertilitysocietydelhi@gmail.com | Web: indianfertilitysociety.org

Semen Analysis , IUI and SFT (17.01.2019)

- Setting up of an IUI laboratory: Introduction of IUI media and disposables, Demonstration and storage of media
- IUI Guidelines: Evidence based review
- Selection of patient and indication of IUI
- Semen analysis, SFT (Sperm Function Test) & Demonstration
- IUI Preparation techniques. Trouble shooting. (Clinical Scenarios)
- Live demonstration of Fresh / Frozen Semen preparations for IUI.

Advanced Andrology : DFI, PRP, Microfluidics (18.01.2019)

- DFI (DNA Fragmentation Index) Concepts & Demonstrations
- PRP Concepts & Demonstrations
- Case Scenarios in Andrology
- Ejaculate to testicular sperm : what can go wrong?
- Microfluidics Concepts & Demonstrations

Cryobiology : Semen, Oocyte, Embryo, Ovarian Cortex Banking (19.01.2019)

- How to setup a Cryobiology unit? Cryo-Devices, Media, Cryocan
- Demonstration of Sperm Vitrification and Slow freezing of sperms
- Demonstration of Oocyte & Embryo vitrification, How to make Plates Media Equilibration & Loading
- Troubleshooting in Cryobiology, Demonstration of cryo-devices

Embryo culture, media and lab ware: Basics Concepts, Hands on Laboratory Procedures (20.01.2019)

- Labware Culture Media Ideal Dish Preparation
- Ideal Lab Culture Conditions
- Type of Embryo Culture Demonstration, Troubleshooting
- Embryo Grading Discussion

QA & QC in ART Centre (21.01.2019)

- Setting up of IVF Clinic – Location, Infrastructure, OPD Services, U/S Services, Lab Facilities, Key Personnel, (Permissions, Regulation and Consent)
- Clinical KPI, Consent & Medicolegal issues; Inventory, Data Maintenance and Data Handling
- Lab air quality, incubators, Equipments: Types, Controls, Cleaning, Media & Disposables, Demonstration & Maintenance
- Lab KPIs
- Trouble shooting and Interesting Scenario's

Ovulation Induction, Gonadotropins and Cycle Monitoring (22.01.2019)

- Work up of infertile couples : Clomiphene Citrate, Letrozole, Gonadotropins - IUI and IVF Protocols
- Monitoring of Stimulated Protocols Luteal Phase Support
- Complications of Ovarian Stimulation: OHSS, Multiple Pregnancies
- Managing Patients with Thin Endometrium, Managing Poor Responders
- Case Scenarios – Discussion and Problem Solving

Reproductive Endocrinology and Applied Genetics (23.01.2019)

- Hormone action at receptor level & two cell theory
- HPO Axis
- PCOS, Insulin resistance (IR), Hyper androgenism (HA)
- Thyroid disorders / Hyperprolactinemia and ART
- How to use basic endocrinology to customize your stimulation protocols?
- Endocrinology in male infertility
- Basic genetic principles for clinicians
- Decoding genetic techniques
- Genetics in infertility
- PGD & PGS
- Mitochondrial DNA (3 parent IVF)
- Case scenarios

Fertility Preservation and Applied Laboratory Perspective (24.01.2019)

- Overview of guidelines for fertility preservation
- Overview of the need for Fertility Preservation in children with cancer
- Beyond fertility recovery: How safe is parenthood following cancer treatment
- Fertility preservation communications: How to ensure the patient gets the best deal?
- The effect of chemotherapy and radiation on reproductive potential
- Fertility preservation in benign Gynecological conditions: Endometriosis & Fibroid
- Male Fertility preservation in children, adolescents and adults
- Tell me why - Fertility Preservation
- Breast and ovarian cancer in fertility preservation
- Dilemma of fertility preservation
- Fertility preservation and embryologist perspective
- Fertility preservation techniques what is known and what is future?



REGISTRATION FORM

Title _____ First Name _____ Last Name _____

IFS Membership No.: _____

Gender : Male Female Date of Birth : _____

Organisation / Affiliation : _____

Postal Address : _____

City State : _____ Zip code : _____

Country : _____

Tel. : _____ Mobile : _____ Fax : _____

Email ID : _____

TYPE OF CERTIFIED MASTER COURSES

Tick option to choose the courses -

- 1. Semen analysis , IUI and SFT (17.01.19, Thursday)
- 2. Advanced Andrology : DFI, PRP, Microfluidics (18.01.19, Friday)
- 3. Cryobiology : Semen , oocyte , embryo , ovarian cortex banking (19.01.19, Saturday)
- 4. Embryo culture, media and lab ware : Basics concepts , hands on laboratory procedures (20.01.19, Sunday)
- 5. QA & QC in ART centre (21.01.19, Monday)
- 6. Ovulation induction,, gonadotropins and cycle monitoring (22.01.19, Tuesday)
- 7. Reproductive endocrinology and Applied genetics (23.01.19, Wednesday)
- 8. Fertility preservation and applied laboratory perspective (24.01.19, Thursday)

ELIGIBILITY

- **Embryology / Andrology / QA & QC (1-5)**
 - MBBS / Post Graduate or MSc / PhD in Life Science.
 - Experience of six months working at an IVF Laboratory
- **Clinical Courses (6-8)**
 - DGO / MD in Obstetrics & Gynecology

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PAYMENT DETAILS

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For Any Enquiry Contact

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 Secretary General
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