

# TRAINING IN REPRODUCTIVE MEDICINE AND IVF

## (IN VITRO FERTILIZATION)

TRANSFORMING REPRODUCTIVE MEDICINE TO REALITY™

(FOR OBSTETRICIANS AND GYNAECOLOGISTS)



International Training Center



INSPIRED BY LIFE

MANIPAL UNIVERSITY

### COURSE FACULTY:



#### Prof. Pratap Kumar

Headship Department of Obstetrics and Gynecology - Kasturba Medical College  
National Vice President of the Federation of Obstetrics and Gynecology of India.



#### Prof. Satish Kumar Adiga

Master of Clinical Embryology from the National University of Singapore and Ph.D. from the Manipal University.  
Postdoctoral education at Miami University, USA, Kyoto University, Japan and University of Muenster, Germany.

### THREE STEP COURSE

#### STEP 1: 5 - 6 January 2017

Basics to Diagnosis and Management of Conditions Causing Infertility

#### STEP 2: 7 - 8 January 2017

Advanced Course on Assisted Conception and Assisted Reproductive Technology (ART)

#### STEP 3: Open Dates

Advanced ART with Animal Backup System for IVF and Intracytoplasmic Sperm Injection (ICSI) at Manipal University

### STEP 1: COURSE | 5 - 6 January 2017

#### Basics to Diagnosis and Management of Conditions Causing Infertility

- Infertility - clinical diagnosis of the causes.
- Anovulation - Classification, diagnosis (other than Polycystic ovarian syndrome).
- Anovulation - Polycystic ovarian syndrome.
- Endometriosis - Diagnosis and various management methods.
- Fibroids - Medical and surgical management, When and why?
- Laboratory evaluation of Infertility testing and significance.
- Hyperprolactinemia – evaluation and management.
- Premature ovarian failure - diagnosis and management
- Diagnosis of adnexal masses
- Male Infertility - Recent advances and management

### STEP 2: COURSE | 7 - 8 January 2017

#### Advanced Course on Assisted Conception and Assisted Reproductive Technology (ART)

- Semen analysis and sperm preparation techniques for therapeutic insemination / Sperm cryopreservation and Banking.
- ART Clinical understanding of Individualized controlled ovarian stimulation for IUI and ART.
- ART laboratory set-up and requirements/ Handling of equipment in ART lab, maintenance and quality control.
- Oocyte retrieval and embryo transfer techniques, difficulties and how to handle the same.
- Luteal phase support
- Embryo culture systems, Gametes and embryo grading and transfer
- Ovarian hyperstimulation syndrome - prevention, complications and management
- Troubleshooting in ART laboratory
- Poor responders - Prediction and management
- Ethics in ART

### STEP 3: COURSE | OPEN DATES

#### Advanced ART with Animal Backup System for IVF and Intracytoplasmic Sperm Injection (ICSI) at Manipal University

- Part I and II should be completed before Part III( One week)
- Laboratory settings and requirements.
- Laboratory protocols.
- Sperm assessment and improvement for ART.
- To observe egg collection and embryo transfer techniques ( live on Infertility women) .
- To observe and do sperm preparations, media preparations
- Sperm DNA integrity assessment
- IVF and ICSI hands on with animal models (micro manipulative procedures)
- Sperm, egg cryopreservation
- Principles of aseptic procedures and quality control
- Ethics in ART

#### REGISTRATION:

TEL: +9714 2527560  
Email Us at: [info@itc-dubai.com](mailto:info@itc-dubai.com)  
Visit Us at: [www.itc-dubai.com](http://www.itc-dubai.com)  
Like Us at: [facebook.com/itcdubai](https://www.facebook.com/itcdubai)

#### COURSE FEES:

Module 1 : AED 3000 (USD 815)  
Module 2 : AED 3000 (USD 815)  
Module 3 : AED 3000 (USD 815) PER WEEK (MIN)  
Not including boarding lodging, airfare & visa