

FOUR DECADES OF  
**TEACHING  
EXCELLENCE**



**Dr. Kamini A Rao**

DGO, DORCP, MRCOG, Dch, FRCOG (UK),  
MOBG(UK), FICOG, PGDMLE (Law), FNAMS, DSc

Founder Chairperson  
**Medline Academics**

# Message from the Chairperson



My ***Dear Students,***

Nothing gives me more pleasure than engaging with bright young minds set to embark on the journey for professional fulfilment. In this regard I am pleased to present my new and most cherished venture - Medline Academics.

I strongly believe that as medical professionals we have a moral obligation to give back to society what we have gained from it.

Medline Academics is a new endeavor that I have initiated to develop high quality training programs in key areas of reproductive medicine for aspiring clinicians, embryologists, counsellors, and nurses. The practical aspect of the training would involve hands on experience in state-of-the-art simulation lab in areas of Laparoscopy, Egg pick up, Embryo transfer, Hysteroscopy and Ultrasound among many others.

Medline also has various modules for Digital Marketing for Clinicians, Ethical and Legal issues in practice of Infertility and Basics of Research Methodology and Biostatistics.

We are aiming to establish a benchmark globally in the field of training in reproductive medicine through this initiative.

I welcome you all to be a part of this initiative and I can assure you that these courses will add value and credence to your academic accomplishments.



# Basic Infertility Course



## Eligibility:

- Any candidate with a recognized postgraduate degree in obstetrics and gynaecology who has completed the fundamentals of reproductive medicine course.
- Minimum eligibility is MD/MS.
- An equivalent qualification would be considered for candidates from outside India (completion of fundamentals of reproductive medicine course is mandatory).
- This is targeted at clinicians who would like pursue a career in Infertility.

## Duration

- Theory Online - 30 days.
- Hands on Training on Simulator - 2 days.

## Fee

- 50,000 INR + GST for Indians / 1000 USD for NRIs / Expats (with Hands On).
- 25,000\* INR + GST for Indians / 500\* USD for NRIs / Expats (Self Learn) (\*No Hands On).

## Course Curriculum:

- Understand the regulation of the menstrual cycle.
- Learn the process of folliculogenesis & folliculometry.
- Develop an understanding of basic endocrinology in reproductive medicine.
- Understand the psychosocial aspects of infertility.





- Complete an evaluation for female infertility.
- Complete an evaluation for infertility in a male.
- Understand the concepts of Intra-Uterine Insemination (IUI).
- Learn when to refer for more advanced procedures in assisted reproduction such as IVF, ICSI, etc.
- Interpret Follicular Scans.
- Discover the fundamentals of ovarian stimulation & IUI.
- Monitor IUI & manage Complications.
- Design and set-up an IUI Lab.
- Understand the concepts of semen analysis & semen freezing.
- Critique IUI techniques.
- Observation of IUI procedure.
- Learn the concepts of luteal phase support.
- Illustrate the factors to increase the success of IUI.
- Understand the current regulations governing IUI in India.

## Hands On Training:

- Perform semen analysis - (Skill-Based Training).
- Perform IUI sample Preparation - (Skill-Based Training).



# Basic Course in IUI

## Eligibility:

- Any candidate with a recognized postgraduate degree in obstetrics and gynaecology who has completed the fundamentals of reproductive medicine course.
- Minimum eligibility is MD/MS.
- An equivalent qualification would be considered for candidates from outside India (completion of fundamentals of reproductive medicine course is mandatory).

## Duration

- Theory Online - 30 days.
- Hands on - 2 days.

## Fee

- 40,000 INR + GST for Indians / 750 USD for NRIs / Expat (with Hands On).
- 20,000\* INR + GST for Indians / 450\* USD for NRIs / Expats (Self Learn) (\*No Hands On).

## Course Curriculum:

- Introduction to IUI.
- Physiology of ovulation
- Role of GnRh analogues.
- To learn about selection of patients & preliminary work up for IUI.
- Ovarian Stimulation In IUI.
- Role of AMH and evaluation of the infertile female.
- Tubal patency testing.
- IUI- Andrology Aspects.
- IUI- Technical aspects.
- Monitoring of IUI Cycles.
- Setting up of an IUI laboratory.

## Hands On -

- Interpreting Semen Analysis.
- Basic principles of semen processing & analysis for IUI.
- Hands-on practice for semen processing, density gradient & swim up methods.
- Case Discussions and Trouble Shooting.

# Basic Andrology Course



## Eligibility:

Post graduate in clinical embryology / PhD in clinical Embryology post-graduate degree from a recognized university / MBBS OR post graduate in life sciences/ clinical embryology/Biotechnology/Veterinary Sciences/Reproductive biology.

## Duration

- Theory Online - 30 days.
- Hands on - 1 day.

## Fee

- 40,000 INR + GST for Indians / 750 USD for NRIs / Expats (with Hands On).
- 20,000\* INR + GST for Indians / 450\* USD for NRIs / Expats (Self Learn) (\*No Hands On).

## Course Curriculum:

1. Personnel and Equipment.
2. Quality control and regulatory compliance.
3. Semen collection.
4. Basic semen analysis.
5. Advanced semen analysis.
6. Sperm cryo-preservation.

## Hands On Training:

- Preparation of Semen.
- Intra Uterine procedure on simulator & Demo Videos.
- Patient Counselling for procedure.





# Training in Laparoscopy

**Duration** - 1-2 days ( Theory & Hands on ).

**Fee** - 1,00,000 INR + GST for Indians / 2000 USD for NRIs & Expats.

**Eligibility** - MD in Gynae & Obstetrics / MS with basic experience in RM.

## Course Curriculum

- Pelvic Endo-trainer exercises for hand- eye co-ordination skills development.
- Indications, Pre-operative & post operative care.
- Laparoscopy OT Set up.
- Laparoscopy Instrumentation.

## Hands On Training

- Hands On Simulator Demonstration of Laparoscopy.
- Hands On Laparoscopic Training - Basic.
- Hands On Laparoscopic Training - Advanced.





# Training in Hysteroscopy

**Duration** - 1 - 2 day ( Theory & Hands on ).

**Fee** - 50,000 INR + GST for Indians / 1500 USD for NRIs & Expats.

**Eligibility** - MD in Gynae & Obstetrics / MS with basic experience in RM.

## Course Curriculum

- Pelvic Endo-trainer exercises for hand- eye co-ordination skills development.
- Indications, Pre-operative & post operative care.
- Hysteroscopy OT set Up.
- Hysteroscopy Instrumentation.

## Hands On Training

- Hands On Simulator Demonstration of Hysteroscopy .
- Hands On Hysteroscopy Training - Basic.
- Hands On Hysteroscopy Training - Advanced.





# Basic Embryology Program

## Duration

- Theory Online - 30 days.
- Hands on - 2 days.

## Fee

- 50,000 INR + GST for Indians / 1000 USD for NRIs / Expats (With Hands On)
- \*20,000 INR + GST / 450 USD (\*Self Learn).

## Eligibility:

Graduate in Life sciences/ biotechnology/ reproductive biology/ veterinary science with three years of experiences in the relevant field OR Postgraduate in Life sciences/biotechnology/ reproductive biology/veterinary science.

## Course Curriculum:

- Culture Media and Conditions.
- Microbial Contamination of IVF Cultures.
- Oocyte Retrieval.
- Semen Collection.
- Sperm Preparation.
- IVF Insemination.
- Fertilization Assessment.
- Cleavage-Stage Embryo Grading.
- Embryo transfer.

## Hands On -

- Sperm preparation.
- IVF Insemination.

# Advanced ART Course for Clinicians



## Eligibility:

- Doctors specialized in Obstetrics and Gynecology with a minimum experience of 3 years in dealing with infertility issues.
- Physicians familiar with OI (Ovulation Induction) & IUI (Intra Uterine Insemination) procedures using stimulation with gonadotropins.
- Experience in trans-vaginal ultrasound for follicular tracking.

## Duration

Theory Online  
3 Months.  
Hands On - 5 days.

---

## Fee

1,50,000 INR + GST for  
Indians / 3500 USD  
for NRIs / Expats.

## Course Curriculum

- How to select the appropriate pharmacotherapy protocols for ovulation induction and controlled ovarian stimulation cycles based on patient response.
- Discuss assisted reproductive technologies- including IVF and ICSI.
- Intracytoplasmic sperm injection vs. IVF.
- Sperm preparation techniques.
- Embryo cryopreservation.
- Describe the physiology of first trimester embryo and fetal development.



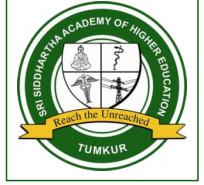


- Monitoring of infertility therapy-conceived pregnancies.
- Approaches to ovarian stimulation in patients with PCOS (Polycystic ovarian syndrome).
- Management of poor responders.
- Identify patients at increased risk of genetic disorders, and common indications and techniques for genetic screening, testing and counselling.
- Define third party reproduction and identify appropriate screening.
- Informed consent and counselling.
- Unexplained Infertility.
- Surrogacy.
- Summarize principles of bioethics, and discuss ethical dilemmas, and religious traditions as they apply to infertility treatment.
- ART and Legal Issues.
- Recurrent implantation failure.
- Components of patient education and counselling- issues related to multiple gestation.

## Hands On -

- IUI.
- Oocyte Pick up.
- Embryo Transfer.

Affiliated With



# Fellowship In Reproductive Medicine

**Duration** - 6 months.

**Fee** - 6,99,000 INR + GST for Indians with Clinical / Hospital Attachment.  
- 9,900 USD for NRIs / Expats with Clinical / Hospital Attachment.

**Eligibility** - MD/MS in Gynae & Obs / MRCOG/DGO with 3 years experience.

## Mode - Hybrid

- Theory Online – (To be completed within 4 Months).
- Hands On – 15 Days.
- Clinical / Hospital Attachment - 45 days.
- Contact Program Once a week.

## Curriculum

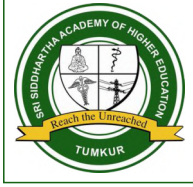
Candidate to complete the Following Modules

- Fundamentals of Reproductive medicine.
- Basic infertility.
- Basic Embryology.
- Basic Andrology.
- IUI.
- Advanced ART for clinicians.
- Biostatistics.
- Research methodology.
- Laparoscopy & Hysteroscopy Theory.

## Hands On Simulation Training

- Egg pick up.
- Embryo Transfer.
- IUI.
- Semen Sample Preparation.
- Semen Analysis.
- Basic Laparoscopic training on simulator.
- Basic Hysteroscopy training on simulator.

Affiliated With



# Fellowship In Embryology

**Duration** - 6 months.

**Fee** - 4,00,000 INR + GST for Indians with Clinical / Hospital Attachment.  
- 6,000 USD for NRIs / Expats with Clinical / Hospital Attachment.

**Eligibility** - Graduate in Life sciences/ biotechnology/ reproductive biology/ veterinary science with three experiences in the relevant field OR Postgraduate in Life sciences/biotechnology/ reproductive biology/veterinary science.

## Mode - Hybrid

- Theory Online – (To be completed within 4 Months).
- Hands On – 30 Days.
- Clinical Attachment - 30 days.

## Hands On

- Semen Analysis.
- Semen Sample Preparation.
- Ovum pick up.
- Denudation.
- Dish preparation.
- Immobilisation.
- Alignment of micromanipulator.
- ICSI.
- IMSI.
- Embryo culturing.
- Assisted hatching.
- Vitriification of embryos and oocytes.
- Thawing of embryos and oocytes.
- Embryo transfer.

## Curriculum

Candidate to complete the Following Modules

- Basic Andrology.
- Basic Embryology.
- Advanced Embryology.
- Genetics
- Research Methodology.
- Quality Assurance in the Embryology Laboratory.



# Advanced ART course for Embryologists



## Eligibility:

Medical graduate or post-graduates with a doctorate in an appropriate area of life sciences.

## Duration

- Theory Online - 3 Months.
- Hands on - 5 days.

---

## Fee

- 1,25,000 INR + GST for Indians
- 3000 USD for NRIs / Expats.

## Curriculum

- In Vitro Maturation.
- OMICS 101.
- Cryopreservation.
- Embryology in Infectious Disease.
- Vitrification.
- Assisted Hatching.
- Time-lapse Imaging Morphometry (TLIM).

## Hands On

- Embryo Transfer.
- Oocyte Retrieval.
- Sperm Collection.
- Sperm Preparation
- Sperm Analysis



# Fertility Nurse Training Program

## Mode

- Online

## Fee

25,000 INR + GST for Indians

/ 450 USD for NRIs / Expats.

## Eligibility:

Minimum Qualification: BSc Nursing, Diploma in Nursing, General Nursing and Midwifery (GNM).

## Course Curriculum

- Female Reproductive Anatomy and Physiology.
- Causes of Female Infertility.
- Male Reproductive Anatomy and Physiology.
- Causes of Male Infertility.
- Female Infertility Workup and Testing.
- Male Infertility Workup and Testing.
- Female Infertility Pharmacotherapy.
- Female Stimulation Protocols.
- Male Infertility Treatment.
- ART Treatments and Procedures.
- Additional ART Treatments and Procedures.
- Management of Early Pregnancy.
- Gamete and Embryo Donation and Gestational Carrier Use.
- Psychological Issues and Counselling of Third Party Reproduction.
- Ethical and Legal Issues in Infertility Treatment.

# Counselling Courses

## Eligibility:

MSW, paramedical, MBBS, MD, BSc Nursing, BSc life Sciences, 12 th pass with science stream.

## Mode

- Online

## Fee

- 25,000 INR + GST for Indians / 450 USD for NRIs / Expats.

## Course Curriculum:

Counseling for

- Infertility.
- Implantation Failure.
- Recurrent abortions.
- Death on Table.
- Irate Patients.
- Pregnancy with Co-morbidities.
- Medico Legal cases.
- Consents & Contracts.
- Patient Rights & Responsibilities.
- Doctor Rights & Responsibilities.
- Case Laws/ Judgements & Discussions.
- Q & A.







+



## Watch out for our Upcoming Courses

---

At Medline Academics we strive to design courses to empower clinicians with the latest advances and research in their respective fields.

- **Obstetric Ultrasound Course**
- **Law for the Gynecologist**
- **Advanced Andrology Training**
- **Genetics in Infertility**
- **Basics of Clinical Research**
- **Basics of Marketing for Clinicians**
- **Basics of Accounting for Clinicians**
- **Basics of Human Resource Management for Clinicians**
- **Basics of Finance for Clinicians**

# Faculty for Medline Academics



<b>Dr. Kamini. A. Rao</b>	DGO, DORCP, MRCOG, DCh, FRCOG (UK), MOBG(UK), FICOG, PGDMLE (Law), FNAMS, D.Sc
<b>Dr. Shantala</b>	MBBS, DGO (Gold medalist ), DNB - Obstetrics & Gynecology, FRM
<b>Dr. Gautham Pranesh</b>	MBBS, MD, DNB
<b>Dr. Vyshnavi Rao</b>	MBBS, MS(OBG),FRM
<b>Dr. C.V. Kannaki</b>	MBBS, MD, DGO
<b>Dr. Sunitha Mahesh</b>	MBBS, DGO, DNB, FFMM, FICOG, PGDMLE, PGDU, PGDHHM
<b>Dr. Rutvij Dalal</b>	MBBS, DGO (Gold Medalist), DNB (Obstetrics & Gynaecology), FNB (Reproductive Medicine), MRCOG (UK), PDCR.
<b>Dr. Raajam</b>	MBBS, MS(OBG),FRM ( Fellow. Reproductive Medicine)
<b>Dr. Chaithra Naik</b>	MBBS, M.S –OBG, F.N.B – (Reproductive Medicine)
<b>Dr. Tarun Javali</b>	M.B.B.S. (JIPMER), M.S. (JIPMER), MCh (A.I.I.M.S.), Fellowship in Renal Transplant (SGPGI)
<b>Dr. Shilpa Reddy</b>	MBBS, MD (OBG), MRCOG (UK), FRM
<b>Dr. Natachandra Chimote</b>	B.Sc, M.Sc ( Clinical Embryology), Phd
<b>Dr. Ashraf</b>	B.Sc, M.Sc ( Clinical Embryology), Phd
<b>Dr. Mir Jaffer</b>	B.Sc, M.Sc ( Clinical Embryology), Phd





# Faculty for Medline Academics

<b>Dr. Deepak Modi</b>	B.Sc, M.Sc ( Clinical Embryology), Phd
<b>Dr. Akanksha</b>	B.Sc, M.Sc ( Clinical Embryology), Phd
<b>Dr. Bindu Chimote</b>	Ph.D. (Biochemistry); M.Sc. Clinical Embryology (Leeds, UK)
<b>Dr. Jyoti Bali</b>	MBBS, MS(OBG),FRM ( Fellow. Reproductive Medicine)
<b>Dr. Shitij Bali</b>	MBBS, MS - General Surgery, MCh - Urology
<b>Dr. Arjun Nagraj</b>	MBBS, MS (Surgery), MCH (Urology)
<b>Dr. Susheela Rani</b>	MBBS, MS (OBG), PGDMLE, FICOG
<b>Dr. Supriya Seshadri</b>	MBBS, MD - Obstetrics & Gynaecology, Fellowship in Feto Material Medicine.
<b>Dr. Devi</b>	MBBS, MS - Obstetrics & Gynaecology, Fellowship in Reproductive Medicine
<b>Dr. Revathi S. Rajan</b>	MBBS, DGO, DNB - Obstetrics & Gynecology.
<b>Dr. Smitha A.P</b>	MBBS, DNB - Obstetrics & Gynecology, Fellowship In fetal Medicine
<b>Dr. Mridula</b>	MBBS, MS (OBG)
<b>Dr. Sunil Kumar</b>	Fellow of the Royal College of Radiologists, UK (FRCR), MD - Radio Diagnosis/Radiology, DNB - Radiotherapy, MBBS
<b>Dr. Srividya</b>	M.B.B.S. (Bachelor of Medicine and Bachelor of Surgery)M.S. (Master of Surgery - Obstetrics and Gynaecology)
<b>Prof. Nandimath</b>	B.A., LL.B. (Hons.)



## About Us

Medline Academics is a global E-learning platform that is commenced by a team of experienced professionals in the field of Healthcare and Management. It is an exclusive e-learning platform and the first of its kind in Obstetrics, Gynecology with reproductive insight.

## Testimonials:

It was an enriching experience and an honour to learn from a stalwart like Dr. Kamini Rao. It will definitely help do my practice in a different way with clear concepts and increase the success rate!

**Dr. Sayamstuti Pattanaik** ”

I would really happy to suggest the course offered by Medline Academics to my fellow friends ,which i was enrolled for (basic infertility course) was very helpful for my further own practice.

**Jeevana Sindhu** ”



CONTACT US

**+91 95134 53460 / 62**



[WWW.MEDLINEACADEMICS.COM](http://WWW.MEDLINEACADEMICS.COM)



#9, Navami Nakshatra, Flat #201, 2nd floor,  
1st Main Road, Seshadripuram, Karnataka,  
Bengaluru - 560020