

FOUR DECADES OF **TEACHING EXCELLENCE**



Dr. Kamini A Rao

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Co-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.





Message from Co-Founder & Managing Director

Dear Esteemed Readers,

It is with immense pleasure and pride that I, **Pooja Sidharth Rao**, as the **Co-Founder & Managing Director of Medline Academics**, extend my warm greetings to each one of you. I am honoured to be joined by Padmashree Dr. Kamini Rao, a distinguished name in the field of healthcare, as we introduce our revolutionary e-learning platform.

Medline Academics was conceived with a mission to transform healthcare education through innovative and accessible online learning. Our platform combines cutting-edge technology with the expertise of industry leaders, paving the way for a new era of learning in the healthcare sector.

As a renowned fertility specialist and Padmashree awardee, Dr. Kamini Rao brings her vast experience and invaluable insights to Medline Academics. With her guidance and support, we aim to create a platform that empowers aspiring healthcare professionals, practitioners, and researchers to enhance their knowledge and skills.

At Medline Academics, we understand the importance of quality education in the healthcare industry. Our platform is designed to provide comprehensive courses, curated by leading experts, covering a wide spectrum of medical specialties, research methodologies, and emerging trends. Through our meticulously crafted modules, learners will have access to in-depth theoretical knowledge, practical applications, case studies, and interactive assessments.

We believe in the power of collaboration and fostering a sense of community among our learners. Medline Academics provides a platform for networking, peer-to-peer discussions, and mentorship opportunities, facilitating a vibrant learning ecosystem. We encourage our learners to connect, share their experiences, and collectively contribute to the growth and advancement of healthcare education.

In addition to our core offerings, Medline Academics also hosts regular webinars, conferences, and symposiums featuring renowned experts and thought leaders from the healthcare industry. These events serve as platforms for knowledge exchange, promoting dialogue, and encouraging continuous professional development.

We envision Medline Academics to be a catalyst for change, driving innovation and excellence in healthcare education worldwide. Together, with Dr. Kamini Rao and our esteemed team, we are committed to empowering healthcare professionals and shaping the future of healthcare education.

On behalf of Medline Academics, I invite you to embark on this transformative journey with us.

Let us unlock the doors to new possibilities, broaden our horizons, and make a lasting impact on the healthcare landscape.

Thank you for your trust and support.

Warm regards,

Pooja Sidharth Rao

Co-Founder & Managing Director, Medline Academics



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).

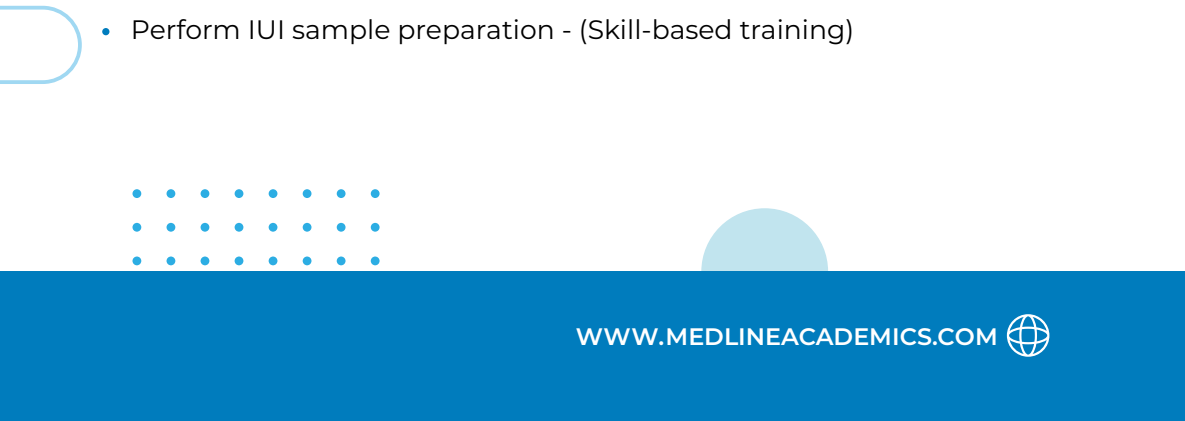
Course Curriculum:

- 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



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- 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

Simulation Training:

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- Perform IUI sample preparation - (Skill-based training)



Basic Course in IUI

Eligibility:

- Any candidate with a recognized postgraduate degree in obstetrics and gynaecology.
- Minimum eligibility is MD/MS.
- An equivalent qualification would be considered for candidates from outside India.

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 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

Simulation Training:

- IUI practice on simulator
- IUI instrument demonstration



Basic Andrology Course

Eligibility:

Post graduate in Clinical Embryology / PhD in Clinical Embryology OR 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:

- Etiopathogenesis of male infertility
- Evaluation of male infertility
- Personnel and equipment
- Quality control and regulatory compliance
- Semen collection
- Basic semen analysis
- Advanced semen analysis
- Sperm Cryo-preservation



Simulation Training:

- 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-to-eye co-ordination skills development
- Indications, pre-operative & post operative care
- Laparoscopy OT Setup
- Laparoscopy instrumentation

Simulation 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-to-eye co-ordination skills development
- Indications, pre-operative & post operative care
- Hysteroscopy OT Setup
- Hysteroscopy instrumentation

Simulation Training

- Hands on Simulator demonstration of Hysteroscopy
- Hands on Hysteroscopy training - Basic



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

Simulation Training:

- 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
- Intra-Cytoplasmic Sperm injection vs. IVF
- 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 (Poly-Cystic 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

Simulation Training:

- IUI
- Oocyte Pick up
- Embryo transfer

Affiliated With



Fellowship In Reproductive Medicine

Duration - 1 Year.

Fee - 5,00,000 INR + GST for Indians with Clinical / Hospital Attachment.
- 8,500 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 8 months)
- Simulation Training - 6 days
- Clinical Attachment - 15 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

Simulation Training

- Egg Pick up
- Embryo transfer
- IUI
- Basic Laparoscopic training on simulator
- Basic Hysteroscopy training on simulator



Fellowship In Embryology



Affiliated With



Duration - 1 year.

Fee - 3,00,000 INR + GST for Indians with Clinical / Hospital Attachment.
- 5,000 USD for NRIs / Expats with Clinical / Hospital Attachment.

Eligibility - MBBS / Postgraduates in Life sciences / biotechnology / reproductive biology / veterinary science.

Mode - Hybrid

- Theory Online (Basic) - 5 Months
Offline Practical & Theory (Basic) - 1 Week
- Theory Online (Advanced) - 5 Months
Offline Practical & Theory (Advanced) - 1 Week

Curriculum

Candidate to complete the following modules

- Basic Andrology
- Basic Embryology
- Semen preparation
- Setting up of IUI & IVF lab
- Instrumentation
- Quality Assurance in Embryology
- pH- temperature and dish preparation
- Oocyte handling
- IVM
- Genetics
- Research methodology

Simulation Training

- Ovum Pick up
- Denudation
- Dish preparation
- Immobilisation
- Alignment of micromanipulator
- ICSI
- IMSI
- Embryo culturing
- Assisted hatching
- Vitrification of embryos and oocytes
- Thawing of embryos and oocytes
- Embryo transfer





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)

Simulation Training

- Embryo transfer
- Oocyte retrieval

Fertility Nurse Training Program

Eligibility:

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

Duration

- 2 Weeks

Mode

- Online

Fee

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

Course Curriculum:

- Female reproductive anatomy and physiology
- Male reproductive system
- Menstrual cycle
- Oogenesis and Spermatogenesis
- Causes, evaluation, workup, testing & female infertility
- Causes, evaluation, workup, testing & male infertility
- Female infertility pharmacotherapy
- Fertilization and early embryo development
- ART treatments and procedures
- Counselling of infertile couple
- Ethical and legal issues in infertility treatment

Counselling Course

Mode

- Online

Fee

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

Eligibility:

MSW, Paramedical, MBBS, MD, BSc
Nursing, BSc Life Sciences, 12th pass
with Science stream.

Course Curriculum:

Counseling for

- Infertility
- Implantation failure
- Recurrent abortions
- Death on table
- Irrate patients
- Pregnancy with Co-morbidities
- Medico legal cases
- Consents & contracts
- Patient rights & responsibilities
- Doctor rights & responsibilities
- Case laws / judgements & discussions
- Q & A

First Trimester Ultrasound



Eligibility:

MBBS and Post graduate in Obs & Gynae

Duration

Theory Online - 8 Weeks.
Hands-on/Simulation training - 1 day

Mode

- Online

Fee

- 50,000 INR + GST for
Indians 1000USD
for NRIs / Expats.

Course Curriculum:

- Module 1: Basics of 2D ultrasound
- Module 2: Methodology of scan - Transabdominal and Transvaginal
- Module 3: Basics of doppler ultrasound
- Module 4: Ductus venous & tricuspid flow doppler ultrasound
- Module 5: Early pregnancy complications
- Module 6: Early pregnancy ultrasound
- Module 7: Dating of the pregnancy
- Module 8: Multiple gestation
- Module 9: First-trimester prenatal tests to detect fetal chromosomal abnormalities
- Module 10: Uterine artery doppler evaluation and Pre-eclampsia screening
- Module 11: First Trimester Anatomy Scan (FTAS)





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.

- Fellowship in Maternal Fetal Medicine
- 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



Dr. Kamini. A. Rao	DGO, DORCP, MRCOG, DCh, FRCOG (UK), MOBG (UK), FICOG, PGDMLE (Law), FNAMS, D.Sc
Dr. Gautham Pranesh	MBBS, MD, DNB
Dr. Anu Kottur	Faculty- IVF Co-Ordinator
Dr. Anu Sadashiv	MBBS, MS - Obstetrics & Gynaecology
Dr. Akanksha Mishra	B.Sc, M.Sc (Clinical Embryology), Phd
Dr. Arjun Nagraj	MBBS, MS (Surgery), MCH (Urology)
Dr. Ashraf	B.Sc, M.Sc (Clinical Embryology), Phd
Dr. Bhavani Nagraj	Faculty- IVF Co-Ordinator
Dr. Bindu Chimote	Ph.D. (Biochemistry); M.Sc. Clinical Embryology (Leeds, UK)
Dr. C.V. Kannaki	MBBS, MD, DGO
Dr. Chaithra Naik	MBBS, MS (OBG), F.N.B – (Reproductive Medicine)
Dr. Deepak Modi	B.Sc, M.Sc (Clinical Embryology), Phd
Dr. Devi	MBBS, MS - Obstetrics & Gynaecology, Fellowship in Reproductive Medicine
Dr. Jyoti Bali	MBBS, MS (OBG), FRM (Fellow. Reproductive Medicine)
Dr. Mir Jaffer	B.Sc, M.Sc (Clinical Embryology), Phd





Faculty for Medline Academics

Dr. Mridula	MBBS, MS (OBG)
Dr. Natachandra Chimote	B.Sc, M.Sc (Clinical Embryology), PhD
Dr. Raajam	MBBS, MS (OBG), FRM (Fellow. Reproductive Medicine)
Dr. Revathi S. Rajan	MBBS, DGO, DNB - Obstetrics & Gynecology.
Dr. Rutvij Dalal	MBBS, DGO (Gold Medalist), DNB (Obstetrics & Gynaecology), FNB (Reproductive Medicine), MRCOG (UK), PDCR.
Dr. Shantala Kumari R	MBBS, DGO (Gold medalist), DNB - Obstetrics & Gynecology, FRM
Dr. Shilpa Reddy	MBBS, MD (OBG), MRCOG (UK), FRM
Dr. Shitij Bali	MBBS, MS - General Surgery, MCh - Urology
Dr. Shruthi K	MBBS, MS (OBG), Fellowship in Fetal Medicine, Advanced Fellowship in Obstetric USC
Dr. Smitha A. P	MBBS, DNB - Obstetrics & Gynecology, Fellowship In fetal Medicine
Dr. Srividya	MBBS. (Bachelor of Medicine and Bachelor of Surgery) M.S. (Master of Surgery - Obstetrics and Gynaecology)
Dr. Sunil Kumar	Fellow of the Royal College of Radiologists, UK (FRCR), MD - Radio Diagnosis/Radiology, DNB - Radiotherapy, MBBS
Dr. Sunitha Mahesh	MBBS, DGO, DNB, FFMM, FICOG, PGDMLE, PGDU, PGDHHM
Dr. Supriya Seshadri	MBBS, MD - Obstetrics & Gynaecology, Fellowship in Feto Material Medicine.
Dr. Susheela Rani	MBBS, MS (OBG), PGDMLE, FICOG
Dr. Tarun Javali	M.B.B.S. (JIPMER), M.S. (JIPMER), MCh (A.I.I.M.S.), Fellowship in Renal Transplant (SGPGI)
Dr. Vyshnavi Rao	MBBS, MS (OBG), FRM



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 online 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**
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