

2 TRANSFORMATIVE LEARNING OPPORTUNITIES THIS SUMMER 2025

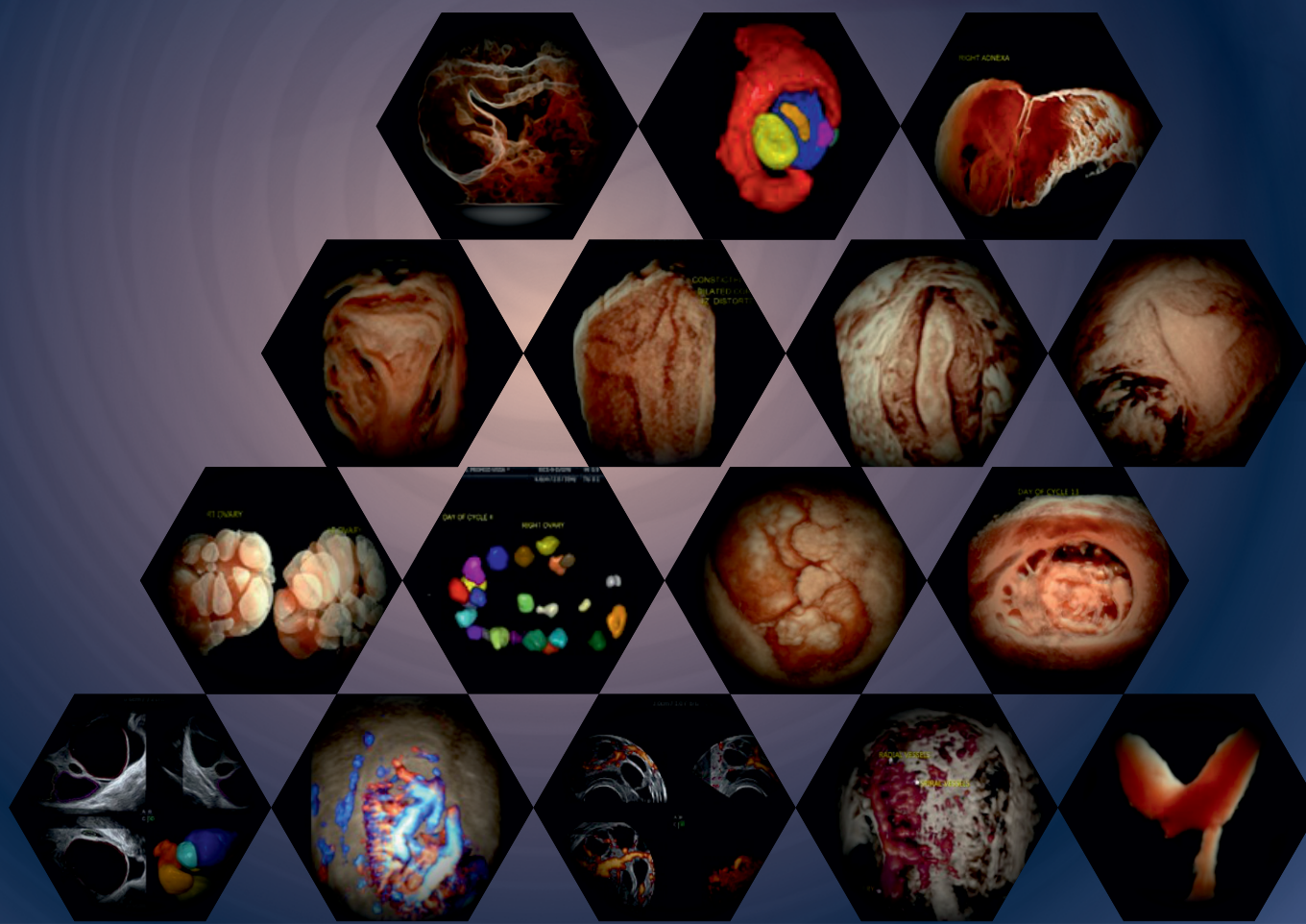
Mamata Fertility Hospital, Hyderabad

MASTERING GYNECOLOGICAL ULTRASOUND INTENSIVE 3 DAY HANDS-ON WORKSHOP

29th, 30th & 31st MAY 2025
09:00 AM – 05:00 PM

THE FERTILITY PROJECT CLINICAL APPLICATION OF ULTRASOUND IN REPRODUCTIVE MEDICINE

1st JUNE 2025
08:00 AM – 05:00 PM





Mamata
Fertility Hospital
(A UNIT OF INFERTILITY INSTITUTE AND RESEARCH CENTRE PVT. LTD.)

EXCELLENCE IN EDUCATION, RESEARCH AND PATIENT CARE

KIEL SCHOOL

Lilo Mettler School of Reproductive Medicine

MASTERING GYNECOLOGICAL ULTRASOUND ENHANCE YOUR CLINICAL MANAGEMENT SKILLS

29th, 30th & 31st May 2025 | 09:00 AM – 05:00 PM | Mamata Fertility Hospital, Hyderabad

COURSE HIGHLIGHTS

01

CME **CREDIT POINTS** from
Telangana Medical Council

02

Intensive training of
25 HOURS

03

LIVE CASE DEMONSTRATIONS

04

Clinical Discussions with
real time examples

05

Useful Techniques in performing
ULTRASOUND FOR ENDOMETRIOSIS

06

HANDS-ON ultrasound on
MANNEQUINS

07

**10 HANDS-ON INSTRUCTIONAL
WORK STATIONS**

08

Learn image acquisition
on individual **3D STATIONS**

09

Specialized training on
MACHINE SETTINGS

10

MEDICO-LEGAL ASPECTS of
Ultrasound in Gynecology,
Fertility & Obstetrics

11

Learn to do **BREAST SCAN**

12

Certificate from Kiel University
& Mamata Fertility Hospital

LEAD MENTORS



Dr. Mamata Deenadayal



Dr. Aarti Deenadayal



Dr. Anupama Deenadayal



Dr. Jay Mehta



Dr. Hema Desai



Prof. Ibrahim Alkatout



Dr. Hitesh Bhatt



Dr. M Jwala Srikala



Dr. Vismay



COMPREHENSIVE CURRICULUM



MACHINE RELATED SKILLS-KNOBOLOGY AND IMAGE OPTIMIZATION

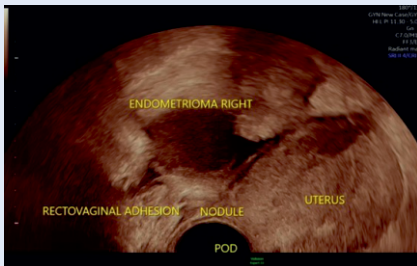
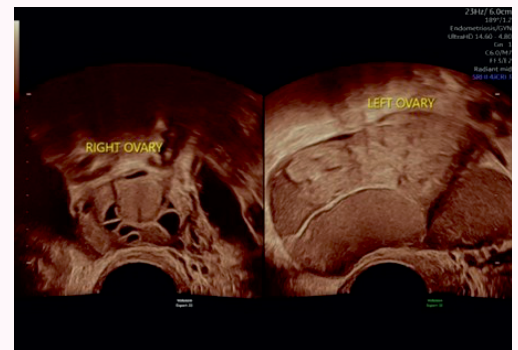
- Image acquisition and image optimization
- Understanding your machine : with live machine case based demo
- Knobology with demonstration of actual use – Transducer settings and technic of use
- Practical 3D imaging – improving clinical efficiency

PATIENT RELATED SKILLS

- Systematic approach to the examination technic: tips and tricks
- Correct reporting of an ultrasound
- Unspoken advantages of color doppler and its method of application in gynecology
- Essential legal insights for gynaecologists operating USG machines

THE MYSTERIES OF THE OVARY UNRAVELED IN ULTRASOUND

- Revelations of ovarian structure and function
- The PCO Ovary : clinical-ultrasound correlation – Ovarian masses : systematic diagnosis
- Endometriomas : ultrasound approach to management strategies
- The mysterious ovary: How ultrasound unravels its mysteries
- Adnexal mass: Diagnostic approach

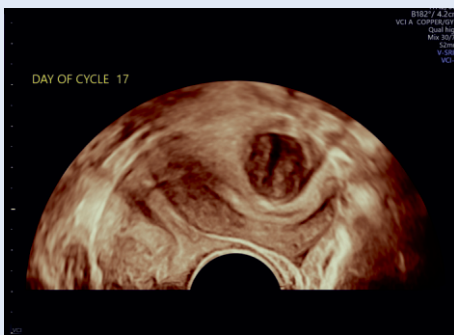
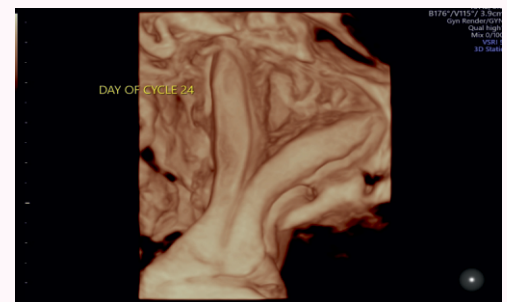


ENDOMETRIOSIS AND ULTRASOUND : INVISIBLE TO VISIBLE

- How much can the probe see ?
- Useful techniques in performing ultrasound for endometriosis
- IDEA Guidelines : The diagnostic tree
- Endometriosis Mapping: Key Ultrasound Requirements for the Surgeon

UTERINE ANATOMY AND PATHOLOGY ASSESSMENT

- Uterine cavity assessment : Options
- Understanding and documentation of endometrium and pathology- IETA guidelines
- Intracavitary lesions : Management based on ultrasound with laparoscopic correlation
- Congenital malformations of genital tract : Lessons learnt... experience of 3 decades in management strategies using ultrasound



ULTRASOUND TO GUIDE MANAGEMENT OF MYOMETRIAL PATHOLOGY

- Ultrasound myometrial assessment- MUSA guidelines
- Ultrasound strategies in mapping myomas to plan management options
- Decoding Adenomyosis- ultrasound insights, clinical correlation

CASE BASED DISCUSSIONS WITH LAPAROSCOPIC CORRELATION

- Diagnosing Ectopic Pregnancy before it is too late
- Hydrosalpinx – Diagnosis and decision making with ultrasound
- Intracavitary lesions: usual and unusual
- Arterio-venous malformations
- C. Section Scar

THE FERTILITY PROJECT

By Mamata Fertility Hospital

Series 1

1st June 2025, 9am – 5pm

Rs. 5000 including GST

CLINICAL APPLICATION OF ULTRASOUND IN REPRODUCTIVE MEDICINE

SESSION I

OVULATION MONITORING & STIMULATION – BRIDGING GYNECOLOGY AND FERTILITY

1. Understanding Folliculogenesis: Translating Theory into Practice
2. Fertility Fundamentals: How to do a baseline fertility scan ?
3. Personalized Dose Strategies in OI, IUI, and IVF: Protocols with Practice
4. Pathway to Success: Step-by-Step Follicular Monitoring and Challenge Management
5. Triggering Ovulation: Choosing the Right Time, Dose, and Molecule

SESSION II

CLINICAL PROBLEM-SOLVING IN REPRODUCTIVE MEDICINE

1. Persistent Ovarian Cyst: What to Do Next? A Practical Clinical Approach
2. Assessing Endometrial Receptivity: A Basic, Practical Approach
3. Fluid in the Uterine Cavity: Clinical Implications and Management Pathways

SESSION III

CASE DISCUSSION – EARLY DETECTION AND MANAGEMENT OF COMPLICATIONS

1. Diagnosing OHSS Early: What to Look for and How to Respond
2. Twisted Truth: Identifying and Managing Ovarian Torsion Before It's Too Late

SESSION IV

ART PROCEDURES – PRACTICAL SKILLS FOR CONFIDENT EXECUTION

1. Oocyte Retrieval: Are you doing it right? Is there something new to learn?
2. Embryo Transfer: Precision, Positioning, and Avoiding Pitfalls
3. Sclerotherapy for Endometriosis: Hope or Hype?
4. Microwave ablation for Adenomyosis: Does It Deliver on the Promise?



Dr. Mamata Deenadayal



Dr. Aarti Deenadayal



Dr. Anupama Deenadayal



Dr. Jay Mehta



Dr. Hema Desai



Dr. Shilpa Patel



Dr. Sravani T



FERTIVERSITY



POSITIVE FERTILITY
FOUNDATION



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