

Simulated Ultrasound Training

## Comprehensive Early pregnancy & Gynecology Scan Hands-on Simulator based 2D Ultrasound Training Course

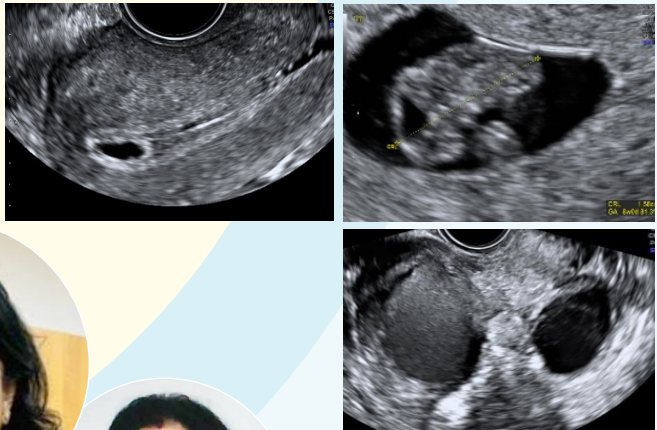
**Dates: 2-3<sup>rd</sup> December 2023**

**Venue: Prayagraj**

**Who should enrol :** Doctors interested in acquiring or enhancing specific skills in ultrasound in early pregnancy & gynecology

**Course design:** Theory, demo and upto 14 hours of hands-on practice on O.P.U.S simulator.

**Course Fee: Rs. 25,000/- INR**



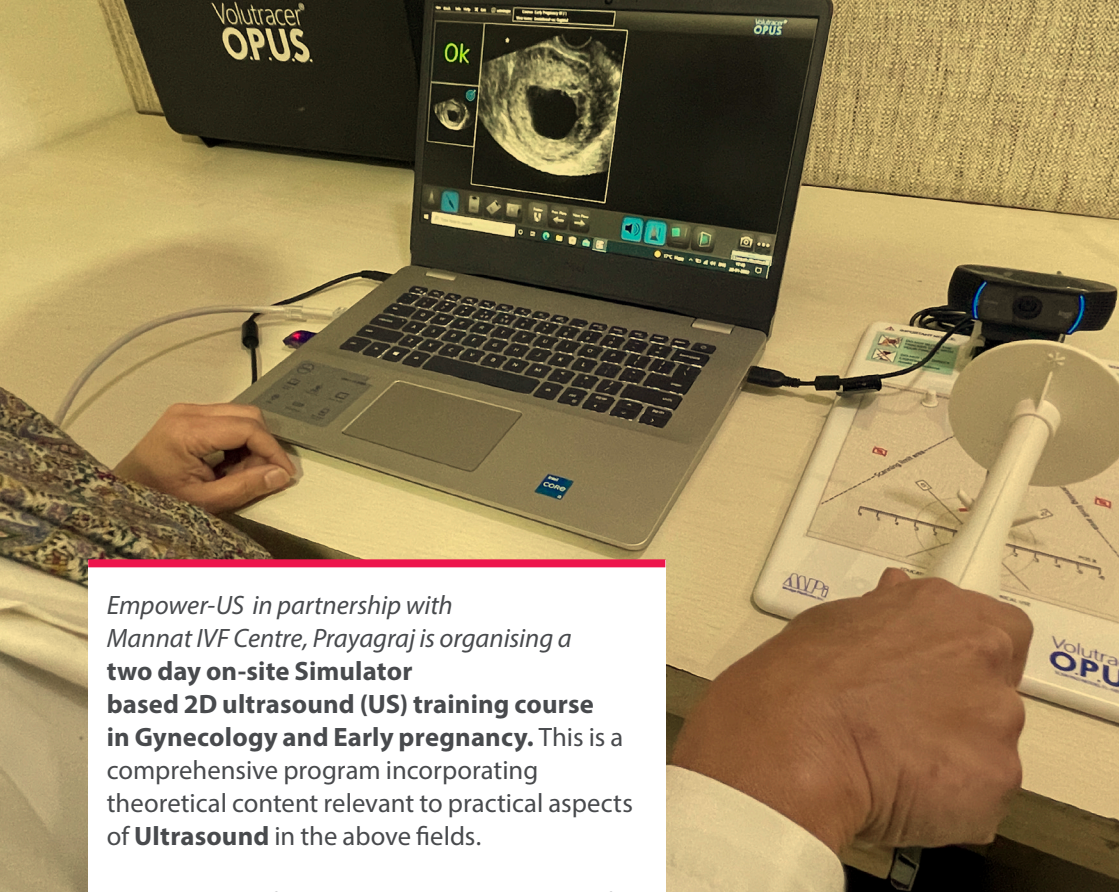
### Course Organizer and Scientific Lead:

Dr Supriya Seshadri,  
Senior Consultant in Fetal  
and Gynae US, Bangalore



### Local Coordinator:

Dr Sumati Saxena,  
Director & Senior Consultant  
Mannat IVF Centre, Prayagraj



*Empower-US in partnership with Mannat IVF Centre, Prayagraj is organising a two day on-site Simulator based 2D ultrasound (US) training course in Gynecology and Early pregnancy.* This is a comprehensive program incorporating theoretical content relevant to practical aspects of **Ultrasound** in the above fields.

*The mainstay of this program is upto 14 hours of supervised independent hands-on practice in transabdominal and transvaginal scans, on the O.P.U.S simulator.*

**Registrations limited to 20 participants only, thus facilitating a one-on-one learning.**

*O.P.U.S is the latest generation in simulation. This advanced technology conveys a live scanning experience.*

The course curriculum will address the **basics** of ultrasound

- knobology
- methodology
- image optimisation
- normal morphology
- measurements

and progress in a systematic fashion to cover **US of abnormal uterus, ovary, adnexa and early pregnancy.**

**Register at:**



**[www.empower-us.in/epgp](http://www.empower-us.in/epgp)**

For any queries, please write to [info@empower-us.in](mailto:info@empower-us.in) or call Ms. Daisy Mistri on 9845030105

# DAY 1

## Saturday

TOPIC	CONTENT	APPROACH	TIME
<b>US basics</b>	<ol style="list-style-type: none"> <li>1.Knobology</li> <li>2.Methodology of scan (TAS + TVS)</li> <li>3.Image optimisation</li> </ol>	<ul style="list-style-type: none"> <li>•Ppt lecture</li> <li>•Simulator demo &amp; Hands-on</li> </ul>	9 - 10 AM
<b>Early pregnancy (EP)</b>	<ol style="list-style-type: none"> <li>1.US features of early pregnancy</li> <li>2.Dating pregnancy</li> <li>3.US prognosticators (normal &amp; adverse)</li> <li>4.Determine chorionicity and amnionicity at EP scan</li> </ol>	<ul style="list-style-type: none"> <li>•Ppt lecture</li> <li>•Simulator demo &amp; Hands-on</li> </ul>	10 - 11:30 AM
TEA BREAK 11 - 11.30 AM			
<b>Early pregnancy (Abnormal)</b>	US Diagnosis of: <ol style="list-style-type: none"> <li>1.Miscarriage</li> <li>2.Ectopic pregnancy</li> <li>3.Retained products of conception</li> </ol>	<ul style="list-style-type: none"> <li>•Ppt lecture</li> <li>•Simulator demo &amp; Hands-on</li> </ul>	11:30 - 1 PM
LUNCH BREAK 1 - 2 PM			
<b>Basic pelvic anatomy (uterus, ovaries &amp; adnexa)</b>	<ol style="list-style-type: none"> <li>1.Measurements including follicle counting</li> <li>2.Morphology</li> <li>3.Dynamic imaging TVS (lecture only)</li> </ol>	<ul style="list-style-type: none"> <li>•Ppt lecture</li> <li>•Simulator demo &amp; Hands-on</li> </ul>	2 - 3 PM
<b>US of abnormal uterus + IUCD</b>	<ol style="list-style-type: none"> <li>1.Abnormal endometrium (IETA<sup>1</sup> guidelines, polyp, synechiae)</li> <li>2.Abnormal myometrium (MUSA<sup>2</sup> guidelines, fibroid &amp; adenomyoses)</li> <li>3.US of IUCD</li> </ol>	<ul style="list-style-type: none"> <li>•Ppt lecture</li> <li>•Simulator demo &amp; Hands-on</li> </ul>	3 - 4:15 PM
TEA BREAK 4 - 4.15 PM			
<b>Recap</b>	Hands-on & discussion	30 mins	4:30 - 5 PM

# DAY 2

Sunday

TOPIC	CONTENT	APPROACH	TIME
<b>US of abnormal ovary &amp; adnexa</b>	1.Polycystic ovary 2.Benign ovarian lesions (simple cyst, hemorrhagic cyst, endometrioma & dermoid) 3.Adnexal pathology (hydrosalpinx, paraovarian cyst & pseudocyst)	•Ppt lecture •Simulator demo & Hands-on	9:30 - 11 AM
TEA BREAK 11 – 11.30 AM			
<b>IOTA<sup>3</sup></b>	Principles & practice in diagnoses of ovarian and adnexal masses	•Ppt lecture •Simulator demo IOTA software	11:30 - 1 PM
LUNCH BREAK 1 – 2 PM			
<b>Recap</b>	Of topics covered, with delegate interaction	Audience interaction	2 - 3:30 PM
<b>Reporting in Gynecology</b>	Case example with discussion	Interactive lecture	3:30 - 4 PM
TEA BREAK 4 – 4.15 PM			
<b>MCQs</b>	Interactive MCQs assessment		4:15 - 5 PM
<b>Certificate Distribution</b>			

1. IETA: International Endometrial Tumor Analysis
2. MUSA: Morphological Uterus Sonographic Assessment
3. IOTA: International Ovarian Tumor Analysis

Register

