



# Genovia

**Beginning of the journey into reproductive science**  
(Guiding Every Next-Gen Gyn in Ovulation, Vision, Infertility & ART)

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# GENOVIA – ISAR National PG Teaching Initiative

One-Day Standardized Module for OBGYN Postgraduates



Time: 10:00 AM – 4:00 PM

## PROGRAM OVERVIEW

- Total Duration: ~6 hours (including breaks)
- Format: Lectures + Videos + Interactive Discussions + Q&A + Open Forum

### Program Flow

|                     |                                                                                                                                                                                                                                                                        |                                         |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 10:00 AM – 10:10 AM | <b>Session 0: Welcome &amp; Context</b>                                                                                                                                                                                                                                | 10 min                                  |
|                     | <ul style="list-style-type: none"><li>• Introduction to GENOVIA</li><li>• Why ART matters for every OBGYN</li><li>• Gaps in current PG training</li></ul>                                                                                                              |                                         |
| 10:10 AM – 10:50 AM | <b>Session 1: Reproductive Physiology for ART</b>                                                                                                                                                                                                                      | 40 min                                  |
|                     | <ul style="list-style-type: none"><li>• Folliculogenesis, Ovarian Reserve &amp; HPO Axis</li><li>• AMH &amp; AFC – Clinical interpretation</li><li>• Video: HPO axis, menstrual cycle, AMH/AFC concepts</li></ul>                                                      | 15 min<br>15 min<br>10 min              |
| 10:50 AM – 11:05 AM |  <b>Coffee Break</b>                                                                                                                                                                | 15 min                                  |
| 11:05 AM – 12:05 PM | <b>Session 2: Basics of Ovarian Stimulation</b>                                                                                                                                                                                                                        | 60 min                                  |
|                     | <ul style="list-style-type: none"><li>• Controlled Ovarian Stimulation Principles</li><li>• Agonist vs Antagonist Protocol</li><li>• Monitoring &amp; Trigger Basics</li><li>• Interactive Case Discussion</li></ul>                                                   | 15 min<br>15 min<br>15 min<br>15 min    |
| 12:05 PM – 12:55 PM | <b>Session 3: IVF Lab &amp; ART Workflow</b>                                                                                                                                                                                                                           | 50 min                                  |
|                     | <ul style="list-style-type: none"><li>• IVF vs ICSI &amp; ART Workflow</li><li>• When to Refer for ART</li><li>• Video: Complete IVF Journey</li><li>• Q&amp;A</li></ul>                                                                                               | 15 min<br>15 min<br>10–15 min<br>10 min |
| 12:55 PM – 1:35 PM  |  <b>Lunch Break</b>                                                                                                                                                                 | 40 min                                  |
| 1:35 PM – 2:15 PM   | <b>Session 4: Male Factor in ART</b>                                                                                                                                                                                                                                   | 40 min                                  |
|                     | <ul style="list-style-type: none"><li>• Spermatogenesis &amp; Male Factor Overview</li><li>• Semen Analysis – Interpretation</li><li>• Video: Semen analysis &amp; processing</li><li>• Interaction &amp; Discussion</li></ul>                                         | 15 min<br>15 min<br>5–10 min<br>10 min  |
| 2:15 PM – 2:25 PM   |  <b>Tea Break</b>                                                                                                                                                                   | 10 min                                  |
| 2:25 PM – 3:05 PM   | <b>Session 5: Ultrasound in Infertility</b>                                                                                                                                                                                                                            | 40 min                                  |
|                     | <ul style="list-style-type: none"><li>• Baseline Infertility Ultrasound &amp; 3D Basics</li><li>• AFC &amp; Follicular Monitoring</li><li>• Endometrium &amp; Pathology Recognition</li><li>• Video: AFC &amp; Follicular Monitoring (Optional)</li></ul>              | 15 min<br>15 min<br>10 min<br>5–10 min  |
| 3:05 PM – 3:25 PM   | <b>Session 6: Complications, Ethics &amp; ART Law</b>                                                                                                                                                                                                                  | 20 min                                  |
|                     | <ul style="list-style-type: none"><li>• OHSS &amp; Multiple Pregnancy</li><li>• ART Law, Counseling &amp; Myths</li></ul>                                                                                                                                              |                                         |
| 3:25 PM – 4:00 PM   | <b>Closing Session</b>                                                                                                                                                                                                                                                 | 30 min                                  |
|                     | <ul style="list-style-type: none"><li>• Luteal phase support</li><li>• Key clinical decision points (OI, IUI, IVF referral)</li><li>• Future of reproductive medicine</li><li>• Open Q&amp;A and Quiz</li><li>• Feedback collection</li><li>• Vote of thanks</li></ul> |                                         |