



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	Session 0: Welcome & Context	10 min
	• Introduction to GENOVIA • Why ART matters for every OBGYN • Gaps in current PG training	
10:10 AM – 10:50 AM	Session 1: Reproductive Physiology for ART	40 min
	• Folliculogenesis, Ovarian Reserve & HPO Axis • AMH & AFC – Clinical interpretation • Video: HPO axis, menstrual cycle, AMH/AFC concepts	15 min 15 min 10 min
10:50 AM – 11:05 AM	 Coffee Break	15 min
11:05 AM – 12:05 PM	Session 2: Basics of Ovarian Stimulation	60 min
	• Controlled Ovarian Stimulation Principles • Agonist vs Antagonist Protocol • Monitoring & Trigger Basics • Interactive Case Discussion	15 min 15 min 15 min 15 min
12:05 PM – 12:55 PM	Session 3: IVF Lab & ART Workflow	50 min
	• IVF vs ICSI & ART Workflow • When to Refer for ART • Video: Complete IVF Journey • Q&A	15 min 15 min 10–15 min 10 min
12:55 PM – 1:35 PM	 Lunch Break	40 min
1:35 PM – 2:15 PM	Session 4: Male Factor in ART	40 min
	• Spermatogenesis & Male Factor Overview • Semen Analysis – Interpretation • Video: Semen analysis & processing • Interaction & Discussion	15 min 15 min 5–10 min 10 min
2:15 PM – 2:25 PM	 Tea Break	10 min
2:25 PM – 3:05 PM	Session 5: Ultrasound in Infertility	40 min
	• Baseline Infertility Ultrasound & 3D Basics • AFC & Follicular Monitoring • Endometrium & Pathology Recognition • Video: AFC & Follicular Monitoring (Optional)	15 min 15 min 10 min 5–10 min
3:05 PM – 3:25 PM	Session 6: Complications, Ethics & ART Law	20 min
	• OHSS & Multiple Pregnancy • ART Law, Counseling & Myths	
3:25 PM – 4:00 PM	Closing Session	30 min
	• Luteal phase support • Key clinical decision points (OI, IUI, IVF referral) • Future of reproductive medicine • Open Q&A and Quiz • Feedback collection • Vote of thanks	