

<b>AICOG 2025 - JIO World Convention Centre, BKC, Mumbai - 8th January 2025</b>			
<b>Title of Workshop</b>	<b>Advanced ART Workshop</b>		
<b>Coordinators</b>	<b>Dr Ritu Khanna, Dr Anu Chawla</b>		
<b>Description</b>	The workshop is designed to sensitize the gynecologists about the latest technologies, procedures and practices in reproductive medicine. These novel techniques will be demonstrated live.		
<b>Learning Objectives</b>	Use of new technology in Advanced ART procedures, and approach to infertile couples will be first explained and then demonstrated live, with ample opportunity for the delegates to interact freely with the faculty.		
<b>Hall Name</b>			
<b>Time</b>		<b>Speaker / Moderator</b>	<b>Panelists</b>
<b>09:00- 09:05</b>	<b>Session- I : Unravelling the Future in Male Infertility</b>		
09:05 -09:20	Genomic Editing Tools (CRISPR-Cas9, TALE nucleases, and		
09:20- 09:35	Microfluidic sperm sorting for the sperm selection		
09:35-09:45	Assessing it Right : Quantifying Blood Loss & Shock Index		
09:35 -09:50	Breakthroughs in Azoospermia Treatment- Stem cells to generate sperm.		
09:50-10:05	Single Sperm Vitrification with permeable cryoprotectant-free medium in patients with severe oligozoospermia and Azoospermia		
<b>10:05- 10:15</b>	<b>Discussion</b>		
	<b>Session- II : New Horizons in Infertility Practices</b>		
10:15-10:30	Advances in USG in fertility practice		
10:30- 10:45	Rejuvenation in Reproductive medicine		
10:45 -11:00	Cryopreservation in gynaecological disorders.		
11:00 -11:15	Stem cell therapy for obstructive Azoospermia / Thin Endometrium / Developing ovarian cell oocytes.		
<b>11:15- 11:25</b>	<b>Discussion</b>		
<b>11:25- 11:55</b>	<b>Inauguration</b>		
<b>11:55 -01:25</b>	<b>Live Relay of ART Procedures and Newer Technologies.</b>		
<b>01:25- 02:25</b>	<b>Lunch</b>		
	<b>Session – III : Innovations in Infertility</b>		
02:25- 02:40	Artificial Intelligence in Reproductive medicine – A paradigm shift		
02:40 -02:55	Anti-aging molecules in Infertility.		
02:55 -03:10	Novel biomarkers in Reproductive medicine.		
<b>03:10-03:20</b>	<b>Discussion</b>		
	<b>Session – IV : Resolving the Challenge in Infertility</b>		
03:20- 03:35	Tackling Hypo & Poor Responders		
03:35 -03:50	New advances in Optimizing Endometrium for Implantation.		
03:50-04:05	Improving Genital Microbiome for Optimal Outcome in Infertility		
<b>04:05-04:10</b>	<b>Discussion</b>		
	<b>Session –V</b>		
<b>04:10- 04:55</b>	<b>Panel Discussion : Novel Ovarian Stimulation Protocols and Their Practical Implications</b>		
<b>04:55-05:00</b>	<b>Vote of Thanks</b>		