

# ACE 2019



19<sup>th</sup> July 2019  
The Leela Palace | Chennai, Tamilnadu

## Workshop Programme

**Workshop 1 - Embryo Biopsy Workshop (Hall-Meeting Room- 2,Level L)**

**Course - Coordinator - Varsha Samson Roy**

**Co-ordinators - Gaurav Majumdar, Usha Shanmugam, Ranjani Sivakumar**

### Learn The Basics Of Embryo Biopsy And Biopsy Methods At Different Stages of Embryo

All Participants Will Get A Coupon Indicating The Assigned Table & Instructor For Hands On Training

Target Audience - Embryologists proficient in ICSI, with an experience of at least 3 years/having handled atleast > 100 ICSI cases independently

Time	Topic	Speakers
8:00-8:30 am	Registration, Allocation of Work Stations	
<b>Session 1 - Listen to Experts</b>		
8:30-8:40 am	Introduction	
8:40-9:00 am	Setting up, maintenance , QA QC of a PGT setup	Danilo Cimadomo
9:00- 9:20 am	Biopsy Techniques & Trouble Shooting - Cleavage Stage Embryo (With Videos)	Gaurav Majumdar
9:20 – 9:40 am	Biopsy Techniques & Trouble Shooting - Blastocyst Stage Embryo (With Videos)	Danilo Cimadomo
9:40 – 10:00 am	Clinical Application, Safety And Efficacy Of Day 4 Embryo Biopsy (With Videos)	George Liperis
10:00-10:45 am	<b>Panel Discussion - Practical Aspects Of Embryo Biopsy</b> Panelists : Danilo Cimadomo , George Liperis, Gaurav Majumdar, Harsha Bhadarka, Paresh Makwana, Yogitha Rao	Moderator: Varsha S Roy
10:45-10:55 am	Audience Interaction - Q & A with Speakers	
10:55-11:15 am	<b>Coffee / Tea Break</b>	
<b>Session 2 - Learn from Experts (Hands on Session)</b>		
• 4 workstations ( tubing included)		
• 1 +1 (company engineer& instructor ) on each station		
11:15- 1:15 pm	Biopsy of Cleavage Stage Embryos	
1:15- 2:00 pm	<b>Lunch</b>	
2:00-5:30 pm	Biopsy of Blastocyst Stage Embryo & Tubing	
<b>Work Station No.</b>	<b>Instructor</b>	<b>Assisted by</b>
1	Varsha Samson Roy	Jayalakshmi Shroff
2	Gaurav Majumdar	KV Chaitra
3	Harsha Bhadarka	Sananda Bhattacharya
4	Paresh Makwana	Usha Shanmugam
		Yogitha Rao
		Yasoda Kiran A

## Course Coordinator - Krishna Chaitanya Co-coordinators - Azif Khan, Madhusudhan Rao

An up-to-date overview of the role of oocyte cryopreservation in ART and fertility preservation		
Discuss outcomes and safety of vitrification of oocytes		
Learn to design strategies to prevent problems/issues in the laboratory or clinical practice in oocyte vitrification		
<b>Target Audience</b>		
This 'Hands-on' Workshop in vitrification laboratory techniques is designed for professionals working in ART, fertility preservation and cryobiology. Reproductive scientists, laboratory technicians, embryologists, specialist in reproductive medicine, clinicians as well as ART Unit managers who want to improve their theoretical and practical knowledge on vitrification of oocytes		
<b>Program</b>		
<b>Time</b>	<b>Topic</b>	<b>Speakers</b>
8:00-8:30 am	Registration, Work Station Allocation and Introduction	
8:30-8:40 am	Welcome Address and Opening Remarks	Krishna Chaitanya
8:40-9:30 am	Physiological Response of Oocyte to Vitrification and Warming Process; Tips and Tricks for an Optimal Outcome	George Liperis
9:30-10:30 am	Interactive Session With The Experts – “Challenges with Oocyte Vitrification – What’s Stopping Us From Achieving 100% Survivals And Best Reproductive Outcomes – <b>Experts</b> – Goral Gandhi, Keshav Malhotra, Sayali Kandari, Azif Khan, Charudutt Joshi, Saroj Agarwal, Sirikorn Seweewanlop	Moderator - Krishna Chaitanya
10:30-11:00 am	<b>Coffee / Tea Break</b>	
11:00-1:00 pm	HANDS ON SESSION	
1:00-2:00 pm	<b>Lunch</b>	
2:00-5:00 pm	HANDS ON SESSION	
5:00-5:15 pm	Closing Remarks, Certificate Distribution & Vote of Thanks	
<b>Hands on Workshop</b>		
<b>Participants will be divided into two groups of 25 candidates each</b>		
The Practical Hands On Session Will Be Divided Into Two Workstations Broadly		
<b>Work Station 1</b>	Hands On Oocyte Vitrification And Warming. This Will Be A One On One Session	
	<b>Faculty:</b> Azif Khan, Sayali Kandari , Keshav Malhotra, Vijay Kumar Sharnappa, Dhannya Binoy, Arunkumar Rathakrishnan, Sirikorn Seweewanlop	
<b>Work Station 2</b>	Robotic Vitrification (GAVI) and TQMS In Cryobiology Interactive Session – Play Around With Different LN2 Tanks, Cryo Devices, Learn How To Avoid Errors, Audit In Cryobiology And Optimizing Our Results.	
	<b>Faculty:</b> Pranay Ghosh, Sandeep Karunakaran, Ram Prakash, Saroj Agarwal, Kashish Sharma	

# Workshop 3 | Andrology Workshop (Hall-Grand Ballroom-B, Level G)

Course Coordinators – Parasuram Gopinath and Ashok Kumar  
Coordinators - Rohini S, Abhinav Dudeja

Workshop Objective		
<b>3A</b>		
<ul style="list-style-type: none"> <li>• A Comprehensive workshop on Semen Analysis and Semen Preparation moderated by Daniel Franken</li> <li>• Emphasis on the basics of Semen Analysis - count, motility and morphology</li> <li>• Exclusive small group with Live Demo on Semen Preparation being the highlight of this workshop</li> </ul>		
<b>3B</b>		
<ul style="list-style-type: none"> <li>• An exclusive workshop on Azoospermia by the pioneers in the field</li> <li>• Comprehensive and integrated approach to male diagnosis and therapy with special emphasis on azoospermia</li> <li>• Videos demonstrating the different sperm retrieval procedures</li> <li>• Novel technique for cryopreservation of rare sperms will be presented and demonstrated</li> </ul>		
Time	Topic	Speakers
<b>3A</b>	<b>Morning Session</b>	
8:00 – 8:30 am	Registration	
8:30 – 8:40 am	Welcome and Introduction to Objective of the Course	Parasuram Gopinath
8:40 – 11:40 am	Standardizing Semen Analysis – Doing It Right!	Daniel Franken
8:40 – 9:40 am	Sperm Count	
9:40 – 10:40 am	Sperm Motility	
10:40 -11:00 am	<b>Tea/Coffee Break</b>	
11:00 – 12:00 pm	Sperm Morphology	Dayanidhi Kumar
12:00-12:20 pm	Practical Aspects of Semen Preparation – Video Demonstration	
12:20 – 1:00 pm	Real Time Demo and Discussion	4 - 5 Tables with Guides
1:00-2:00 pm	<b>Lunch</b>	
<b>3B</b>	<b>Afternoon Session</b>	
<b>Mentors- N Pandiyan, KK Gopinathan, SS Vasan</b>		
2:00 – 2:10 pm	Welcome And Introduction To Objective Of The Course	Ashok Kumar
2:10-2:35 pm	Evaluating Obstructive And Non-Obstructive Azoospermia	KK Gopinathan
2:35 – 2:55 pm	Varicocele – Current Consensus	Ashok Kumar
2:55 – 3:15 pm	Medical Management Of Azoospermia	Kundan Ingale
3:15 – 3:35 pm	Prognosticating Sperm Retrieval In Azoospermia	SS Vasan
3:35 – 3:55 pm	Surgical Management In Obstructive Azoospermia With Videos	Karthik Gunasekharan
3:55 – 4:20 pm	Operative Video Workshop of Sperm Retrieval Techniques – TESA, PESA, TESE, Micro TESE	P Dharmaraj
4:20 – 4:40 pm	Novel Sperm Vitrification Device For Low Sperm Numbers And Volume	Arie Berkovitz
4:40 – 5:00 pm	Clinical and Fetal Outcomes in ART using Surgically Retrieved Sperms	N Pandiyan
5:00 – 5:30 pm	Discussion	

Course Coordinator - Anil Gudi, Mohan Kamath

Coordinators - Priya Kalyani, Prashitha P

The course is designed like a masterclass in Reproductive Endocrinology, from physiology to advanced techniques, from ovulation induction to luteal phase support, including IVF lab set up and maintenance, with emphasis on evidence based management.

Time	Topic	Speakers
8:00 - 9:00 am	Registration	
9:00 - 11:00 am	<b>Session 1 - Know Your Protocols</b>	
9:00 - 9:25 am	Ovarian Stimulation and Ovulation Induction - Basics to Improve Practical Outcomes	Anil Gudi
9:25 - 9:50 am	Ovarian Biomarkers and Hormonal Evaluation Throughout Stimulation Cycle - How Relevant ?	Hemashree Rajesh
9:50 - 10:15 am	Ovulation Trigger - Type, Protocol, Dose and Impact on Final Oocyte Maturation	Anil Gudi
10:15 - 10:40 am	Improving ART Outcome Using Follicular and Endometrial Imaging	Mamata Deenadayal
10:40 - 10:50 am	Discussion	
10:50 - 11:15 am	<b>Coffee / Tea Break</b>	
11:15 - 12:00 pm	<b>Session 2 - Panel Discussion</b>	
11:15 - 12:00 pm	<b>Panel Discussion</b> - Ovarian Stimulation Protocols In ART Program- "Tackling Different Responders" – Case Based <b>Panelists</b> - Anil Gudi, Aleyamma TK, Krithika Devi, V Padmaja, Rajul Tyagi, Sudha Sivakumar, Vani Pujari	<b>Moderators</b> Mohan Kamath Hemashree Rajesh
12:00 - 1:15 pm	<b>Session 3 - Improving ART Outcome</b>	
12:00 - 12:20 pm	The Enigma of Thin Endometrium & Endometrial Fluid - A Working Algorithm	Priya Bhawe
12:20 - 12:45 pm	Poor Responders - Can We Improve Oocyte Yield?	Anil Gudi
12:45 - 1:05 pm	Dealing with a Difficult Cervix - Tips and Tricks for a Smooth Embryo Transfer	Aleyamma T K
1:05 - 1:15 pm	Discussion with Speakers	
1:15 - 2:00 pm	<b>Lunch</b>	
2:00 - 3:50 pm	<b>Session 4 - Know Your Laboratory</b>	
2:00 - 2:20 pm	Setting up an IVF Lab - Simplified for Clinicians	Ramesh Raja
2:20 - 2:40 pm	Maintenance of IVF Lab - What Clinicians Should Know	Priya Kannan
2:40 - 3:00 pm	Batching in IVF - How to do it? What are the Pros and Cons ?	Sankalp Singh
3:00 - 3:20 pm	Troubleshooting in ART - from COH to ICSI	Leena Patankar
3:20 - 3:30 pm	Discussion	
3:30 - 3:50 pm	Debate - Freeze All Strategy - Does It Work ?	<b>Judges</b> V Padmaja Nandita Thakkar
3:30 - 3:40 pm	For	K Aarathy Paari
3:40 - 3:50 pm	Against	Charmila Ayyavoo
3:50 - 4:10 pm	<b>Discussion &amp; Tea Break</b>	
4:10 - 5:00 pm	<b>Session 5</b>	
4:10 - 5:00 pm	<b>Panel Discussion</b> : Luteal Phase Support and Manipulations in ART <b>Panelist:</b> Anil Gudi, Sankalp Singh, Nirmala Vijayakumar, Siddhartha Nagi Reddy, Buvaneshwari, Pramyia Nanjundan Indumathi Joy	<b>Moderators</b> Venugopal Vani Sundarapandian
5:00 - 5:10 pm	<b>Discussion</b>	