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President Elect

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Vice President

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Second Vice President

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Chairman, Embryology

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Vice Chairman, Embryology

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Editor of Journal of Human
Reproductive Sciences

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Dr. Manish Banker
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Indian Society for Assisted Reproduction (ISAR) in collaboration with Embryology Academy for Research and Training (EART)

Course with Hands-on training on Simulators

Hands on experience
of ovum pick up, embryo transfer,
sperm preparation, ART Lab Procedure

Day 1

| | |
|------------------|--|
| 9.00-9.30 am | Registration and Introduction |
| 9.30-10.00 am | L1 -When to move from simple treatments to IVF? |
| 10.00 -10.30 am | L2- Pre-IVF assessment |
| 10.30 -11.00 am | L3- Pre-IVF Counselling |
| 11.00-11.30 am | Case discussions 1 |
| 11.30 – 11.35 am | Inauguration |
| 11.35 - 12.00 pm | Coffee Break |
| 12.00 -12.30 pm | L4 - Ovarian reserve testing – when and how? |
| 12.30 - 1.00 pm | L-5 - Individualized Controlled Ovarian Stimulation in IVF |
| 1.00-1.30 pm | L6 - Role of adjuvants in IVF |
| 1.30 - 2.00 pm | Case discussion 2 |
| 2.00 - 3.00 pm | Lunch |
| 3.00 – 3.30 pm | L7- Male factor assessment: SA and Beyond |
| 3.30 – 4.00 pm | L8 - Sperm preparations |
| 4.00 -5.00 pm | Lab tour and Demonstration of sperm preparation techniques |



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Day 2

| | |
|-------------------------|--|
| 9.00-9.30 am | L 9 -Monitoring IVF cycles |
| 9.30-10.00 am | L 10-Prevention and management of OHSS |
| 10.00 -10.30 am | L 11- Luteal phase management in IVF (standard and intense) |
| 10.30 -11.00 am | Case Discussion 3 |
| 11.00 – 11.30 am | Coffee |
| 11.30 - 12.00 pm | L 12 - Management of male factor subfertility |
| 12.00 -12.30 pm | L 13 -Azoospermia – assessment of azoospermic Male |
| 12.30 - 1.00 pm | L – 14 Sperm Donation: ethical, medical and legal aspects |
| 1.00-1.30 pm | Case discussion 4 |
| 1.30 - 2.30 pm | Lunch |
| 2.30 – 3.00 pm | L 15 -Oocyte retrieval: Preparation, anesthesia, procedure |
| 3.30 – 4.00 pm | Hands on OPU / ICSI demonstration |
| 4.00 -4.30 pm | L 16 - OPU in difficult scenario |
| 4.30 – 5.00 pm | L 17 - Complications of OPU |



Indian Society for Assisted Reproduction



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|-------------------------|---|
| Day 3 | |
| 9.00-9.30 am | L 18 -Endometrial factors in implantation |
| 9.30-10.00 am | L 19 Effect of COS on oocytes and embryo |
| 10.00 -10.30 am | L 20 Role of natural /minimal stimulation in IVF? |
| 10.30 -11.00 am | Case Discussion 5 |
| 11.00 – 11.30 am | Coffee |
| 11.30 - 12.00 pm | L 21 -Fine-tuning the embryo transfer |
| 12.00 -12.30 pm | L 22 - Do's and Don'ts of ET |
| 12.30 - 1.00 pm | L 23 - Dealing with Difficult embryo transfers |
| 1.00-1.30 pm | Case Discussion 6 |
| 1.30 - 2.30 pm | Lunch |
| 2.30 – 3.00 pm | L 24 - Setting an ART Lab |
| 3.00 – 3.30 pm | L 25 - Culture media |
| 3.30 -4.00 pm | L 26 - Choosing the right embryos for ET L 27 Poor IVF Outcome – What to look in Lab |
| 4.00 – 4.30 pm | L 28 - Cryopreservation – Principles |
| 4.30-5.00 pm | Demonstration of cryopreservation of embryos - |



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| Day 4 | | |
|-------------------------|---|------------------|
| 9.00-9.30 am | L 29 Oocyte Donation: ethical, medical and legal aspects | |
| 9.30-10.00 am | L 30 Surrogacy: ethical, medical and legal aspects | |
| 10.00 -10.30 am | L 31 Status of third party reproduction in India | |
| 10.30 -11.00 am | Group Interaction | |
| 11.00 – 11.30 am | Coffee | |
| 11.30 – 1.00 pm | Hands on Training for OR and ET - | EART team |
| 1.00 -1.30 pm | Group Interaction | EART team |
| 1.30 - 2.30 pm | Lunch | |
| 2.30-4.00pm | Hands on Training for OR and ET - | EART team |
| 4.00-5.00 pm | Video clips | EART team |



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Day 5:

| | | |
|-------------------------|---|------------------|
| 9.00-9.30 am | L 32 - Endometrial preparation for a recipient | |
| 9.30-10.00 am | L 33 Registration of IVF Clinic | |
| 10.00 -10.30 am | L 34 PCPNT and Assisted Reproduction | |
| 10.30 -11.00 am | Coffee | |
| 11.00 – 12.00 pm | Group Interaction | |
| 12.00 -1.30 pm | Laboratory aspects Certificate distribution Conclusion | EART team |
| 1.30 - 2.30 pm | Lunch | |

Course Directors

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