

Organised by



Embryology Academy for Research & Training

Sponsored by



Date: 14th March to 26th March 2016

Turning
IVF Ratio
in favor of
Success
by PGD / PGS

Includes all technologies of PGD / PGS

FISH | CGH array | NGS | Multiplexing

Organised by



Embryology Academy for Research & Training



The Embryology Academy for Research and Training is a world leader in training and education in human assisted reproduction and embryology since last 10 years. EART facilities are equipped with the most modern equipments and wet laboratories. Training is offered by a team of embryology professionals. EART has trained over 450 candidates in clinical embryology from over 24 countries.

EMBRYOLOGY & PGD ACADEMY, UK

Under the auspices of



Embryology and PGD Academy has been established by **Professor Joyce Harper** and **Dr. Alpesh Doshi** who have been **leaders** in the field of education of **IVF and PGD** for over 20 years. Their aim is to educate and give **hands-on training** in the laboratory aspects of **Clinical Embryology** and **Preimplantation Genetic Diagnosis**.



Under the auspices of



INDIRA IVF

Indira IVF Centre is the pioneer in providing affordable yet creditable infertility curation to the common people for the first time in India. It is armed with the **state-of-the-art infrastructure**, advanced equipments and a pool of **renowned physicians**. We started with a two room clinic back in 1988 and today we stand tall as one of the **most esteemed and prestigious IVF service providers** in the country and beyond.





PGD / PGS

Preimplantation Genetic Diagnosis (PGD) has revolutionized embryo selection by investigating the chromosomal condition of embryos prior to implantation. PGD involves Whole Genome Amplification (WGA) of isolated genetic components from biopsied embryonic cells/ fragments followed by genetic analysis using novel techniques like FISH, array CGH or Next Generation Sequencing (NGS). PGD has widespread applications in cases pertaining to monogenic disorders (like cystic fibrosis, β – thalassemia, spinal muscular atrophy, etc.), embryo quality, aneuploidy and HLA matching. PGD has thus enhanced embryo selection techniques, ultimately increasing the chances of a successful pregnancy and reducing the stress of bearing genetically challenged children in the lives of hopeful couples undergoing ART procedures.



EART - India's World Class Training Centre

EART with more than 8 years of experience in ART Training and with endorsement from Embryology & PGD Academy, London, UK. has recently set up most modern State of the ART Training Centre with 5000 sq.ft area with 10 ICSI Stations and 45 technologies on display.



EART Reception



Corridor with Notice Board



Andrology & Cryo Lab



ICSI Stations



Embryology Training Lab



Embryology Lab with Multiple ICSI Stations

EMPOWERING EXCELLENCE IN EMBRYOLOGY

Date : 14th March to 24th March, 2016 | At Mumbai & New Delhi, India

Arrival on 13th March, 2016 in Mumbai for
Let's do ICSI & Embryo Biopsy & Vitrification

Travel to Delhi on 20th March
will be arranged by EART

PGD Workshop from 21st to
24th March, 2016 at New Delhi

Site Seeing will be arranged by
organizer from 25th – 26th March

Departure on 27th March
Morning from New Delhi

Let's Do ICSI, Embryo Biopsy & Vitrification

Date : 14th to 19th March 2016, Mumbai

Day 1 | Date: 14th March, 2016

Time	Lecture / Demonstration / Practice Session	Faculty
09.30 - 10.30 AM	Registration & Introduction to EART	Registrations
10.30 - 11.30 AM	Basics in Andrology - WHO Criteria	EART Faculty
11.30 - 11.45 AM	Tea / Coffee Break	
11.45 - 12.45 PM	Media Culturing & handling	EART Faculty
13.00 - 14.00 PM	Lunch Break	
14.00 - 15.00 PM	Audio Visual on Various Aspects of Embryology	EART Faculty
15.00 - 15.45 PM	Sperm Preparation Techniques	EART Faculty
16.00 - 16.30 PM	Introduction to ICSI	EART Faculty

Day 2 | Date: 15th March, 2016

Time	Lecture / Demonstration / Practice Session	Faculty
10.00 - 11.30 AM	Day to Day procedures for IVF & ICSI	EART Faculty
11.30 - 12.00 PM	Tea / Coffee Break	
12.00 - 13.00 AM	ICSI Machine Understanding & Handling (Alignment of Micromanipulator)	EART Faculty
13.00 - 14.00 PM	Lunch Break	
14.00 - 16.00 PM	Hands on ICSI - Sperm Immobilization	EART Faculty

Day 3 | Date: 16th March, 2016

Time	Lecture / Demonstration / Practice Session	Faculty
10.00 - 11.00 AM	Introduction to Cryobiology - Sperm, Oocyte & Embryo Freezing	EART Faculty
11.00 - 11.30 AM	Tea / Coffee Break	
11.30 - 13.00 PM	Hands on ICSI - Aspiration & Injection	EART Faculty
13.00 - 14.00 PM	Lunch Break	
14.00 - 16.00 PM	Embryology Laboratory - ICSI	EART Faculty

Day 4 | Date: 17th March, 2016

Time	Lecture / Demonstration / Practice Session	Faculty
10.00 - 12.00 PM	Embryo Transfer - Tips & Tricks, Hands on Catheter Loading	EART Faculty
12.00 - 13.00 PM	Hands on ICSI	EART Faculty
13.00 - 14.00 PM	Lunch Break	
14.00 - 16.00 PM	Embryology Laboratory - Gamete handling & ET Catheter Loading	EART Faculty
16.00 - 17.00 PM	Interaction/ Q & A/ Feedback	EART Faculty

Day 5 | Date: 18th March, 2016

Time	Lecture / Demonstration / Practice Session	Faculty
09.30 - 10.00 AM	Review of Day's Programme	EART Faculty
10.00 - 10.30 AM	Principles of cryopreservation - Procedures & Techniques for Gamete & Embryo Freezing	EART Faculty
10.30 - 11.00 AM	Historical comparison between Slow Freezing & Vitrification	EART Faculty
11.00 - 11.30 AM	Tea / Coffee Break	
11.30 - 12.00 PM	Sperm Cryopreservation: Vapour & Computer Controlled Freezing, Vitrification, Freeze Drying.	EART Faculty
12.00 - 13.30 PM	Practical: Sperm Cryopreservation	EART Faculty
13.30 - 14.30 PM	Lunch Break	
14.30 - 15.00 PM	Oocyte & Embryo Cryopreservation: The Impact of Society Applying an Efficient Technique	EART Faculty
15.00 - 16.30 PM	Practical: Oocyte /Embryo Cryopreservation via Slow Freezing	EART Faculty
16.30 - 17.00 PM	Q&A/ Feedback	EART Faculty

Day 6 | Date: 19th March, 2016

Time	Lecture / Demonstration / Practice Session	Faculty
10.00 - 10.30 AM	Review of Day's Programme	EART Faculty
10.30 - 11.00 AM	Protocols & Carriers for Vitrification	EART Faculty
11.00 - 11.30 AM	Tea / Coffee Break	
11.30 - 12.00 PM	Tips & Tricks for Vitrification	EART Faculty
12.00 - 13.30 PM	Practical: Oocyte & Embryo Vitrification	EART Faculty
13.30 - 14.30 AM	Lunch Break	
14.30 - 15.00 PM	Aseptic Vitrification	EART Faculty
15.00 - 16.30 PM	Practical: Oocyte & Embryo Vitrification	EART Faculty
16.30 - 17.00 PM	Q&A/ Feedback	EART Faculty



SCIENTIFIC PROGRAM FOR PGD

Enamouring the World through PGD

Chief Coordinators : Dr. Kersi Avari & Dr. Paritosh Shekhar

Date : 21st to 24th March 2016, New Delhi

Day 1 | Date: 21st March, 2016

Time	Lecture / Demonstration / Practice Session	Faculty
09.00 - 09.45 AM	Registrations	
09.45 - 10.00 AM	Welcome address and Introduction to EPA/ EART	Kersi Avari & Joyce Harper
10.00 - 11.00 AM	Preimplantation development and Genetics	Joyce Harper
11.00 - 11.30 AM	Tea / Coffee Break	
11.30 - 12.30 PM	Introduction to PGD	Joyce Harper
12.30 - 13.30 PM	Embryo biopsy for PGD/PGS	Alpesh Doshi
13.30 - 14.30 PM	Lunch Break	
14.30 - 17.30 PM	Live Demo for polar body, cleavage stage blastocyst biopsy	Alpesh Doshi

Day 2 | Date: 22nd March, 2016

Time	Lecture / Demonstration / Practice Session	Faculty
09.30 - 10.30 AM	Indications for PGD and Counselling	Joyce Harper, Seema Dhanjal
10.03 - 11.00 AM	Is there a role for FISH in PGD in the era of Microarrays?	Harita Ghevaria
11.00 - 11.30 AM	Tea / Coffee Break	
11.30 - 12.30 PM	Quality management and Quality Assurance in a PGD laboratory	Seema Dhanjal
12.30 - 13.30 PM	ISAR Representation	Vijay Mangoli
13.30 - 14.30 PM	Lunch Break	
14.30 - 17.30 PM	Practical Session Perkin Elmer	Ricky Lim

Day 3 | Date: 23rd March, 2016

Time	Lecture / Demonstration / Practice Session	Faculty
09.30 - 10.30 AM	Optimising the embryology laboratory to cater for PGD/PGS	Alpesh Doshi
10.03 - 11.30 AM	Molecular Diagnosis in PGD- A focus on Karyomapping	Seema Dhanjal
11.30 - 12.00 AM	Tea / Coffee Break	
12.00 - 13.00 PM	ACE Representation	Vijayakumar C.N.
13.00 - 14.00 PM	Lunch Break	
14.00 - 17.30 PM	Practical Session by Thermo Fisher - NGS	Sailesh Gochhait

Day 4 | Date: 24th March, 2016

Time	Lecture / Demonstration / Practice Session	Faculty
09.30 - 10.30 AM	The future of PGD and Ethical concerns	Joyce Harper
10.03 - 11.00 AM	Processing cells for Genetic analysis- Tubing/ Spreading	Seema Dhanjal
11.00 - 11.30 AM	Tea / Coffee Break	
11.30 - 12.00 PM	The PGD diagnostic laboratory - Measuring risk and Liability	Seema Dhanjal
12.00 - 13.00 PM	Q and A's and interactive sessions with all speakers	Joyce Harper, Alpesh Doshi, Harita Ghevaria
13.00 - 14.00 PM	Lunch Break	
14.00 - 14.20 PM	Evolution of Technology in PGD: Past, Present & Future	Paritosh Shekhar
14.20 - 14.40 PM	Social & Regulatory Challenges for PGD in India	Kshtiz Murdia
14.40 - 16.40 PM	Discussing real time PGD cases/ Results/ outcomes. Case studies	Seema Dhanjal, Harita Ghevaria, Joyce Harper, Alpesh Doshi
17.00 - 18.00 PM	Felicitations and presentation of certificates	

Renowned Faculties



Alpesh Doshi

UK



Joyce Harper

UK



Seema Dhanjal

UK



Dr. Kersi Avari

India



Dr. Kshitiz Murdia

India



Nitiz Murdia

India



Vijayakumar C. N.

ACE



Dr. Paritosh Shekhar

India



Dr. Sailesh Gochhait

Thermo Fisher



Dr. Ricky Lim

Perkin Elmer



Dr. Vijay Mangoli

ISAR

Site Seeing at Delhi & Agra



Registration Form



First Name	:		Last Name	:	
Gender	:	☐ Male ☐ Female	Date of Birth	:	
Area of Work	:	☐ Doctor ☐ Clinician ☐ Embryologist ☐ Student ☐ Others			
Address	:				
City	:		Pin	:	
State	:		Country	:	
Telephone (O)	:		Telephone ®	:	
Mobile	:		Email	:	

Candidates

- ☐ I would like to attend the Embryology Workshop from 14th March - 26th March 2016.
- ☐ Fees of Embryology Workshop US\$3000 includes Twin Sharing Accommodation, Breakfast, Lunch, Dinner, Local Conveyance & Airport Transfers. (Add US\$700 extra for Single Occupancy & Add US\$200 for 2 Days / 1 Night Sight Seeing in New Delhi & Agra.)
- ☐ Mumbai Accommodation : Hotel GCC Club, 92/1, Off Mira Bhayander Road, Mira Road (E), Thane, Maharashtra & New Delhi Accommodation : Hotel Gulnar at New Delhi.
- ☐ Arrival Date : 13th March 2016 at Mumbai & Departure Date : Morning 27th March 2016 from New Delhi.

Wire Transfer Amount (USD) :

Bank Details

Account name : **Embryology Academy for Research & Training**

BANK	BRANCH	ADDRESS	A/C NO.	A/C TYPE	SWIFT CODE
STATE BANK OF INDIA	COMMERICAL BRANCH, VILE PARLE EAST, MUMBAI	3RD FLOOR, PARLE SQUIRE BUILDING, B.N.AGARWAL COMMERCIAL COMPLEX, MUNGHIBAI ROAD, VILE PARLE EAST, MUMBAI - 400057	10150822718	CURRENT A/C	SBININBB356

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Embryology Academy for Research & Training

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