

#### **Organised by:**

#### **Chhattisgarh Chapter Of ISAR**





# 6 National Embryology

Workshops - **25**<sup>th</sup> March, 2022 | 2:00 - 5:00 PM Main Conference - 26<sup>th</sup> & 27<sup>th</sup> March, 2022 Hotel Babylon International | Raipur, Chhattisgarh Theme: Innovations In Embryology To Optimize IVF Results (Knowledge is the best and safest treasure to acquire)

## SCIENTIFIC PROGRAM

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#### **Scientific Highlights**

- Challenges encountered during assisted reproduction.
  - Newer treatment for infertility patients.
- Trouble shooting in IVF lab.
- Newer technological breakthroughs in IVF lab to optimize IVF results.
- Quality assurance and Quality control in IVF lab.
- Artificial Intelligence and machine learning approaches in IVF.
- Advances in Oocytes and embryos cryopreservation.
- Medicolegal issues in ART.

#### Practical Tips WORKSHOPS PROGRAM (Practical Demonstrations & Hands On) Friday, 25<sup>th</sup> March 2022 | 02:30 -06:00PM

#### Hall A | Workshop 1

#### Lab Preparation before OPU for IVF and ICSI.

| Sponsored by : Intermedics, Mumbai |   |  |  |
|------------------------------------|---|--|--|
| 1                                  | Conveners: Dr. MS Srinivas, Dr. Rekha Ratnani                     |  |  |
| Time                               | Торіс   | Speaker  |  |
| Co                                 | ordinators: Dr. Krishnamoorthy, Dr. Arijeet Mukherjee, I          | Dr. Sunita Kanoi   |  |
|                                    | Session 1 : Basics of lab setup                                   |  |  |
| 2:30 – 2:45 pm                     | Lab preparation before OPU for IVF & ICSI                         | Dr. Luna Samantha  |  |
| 2:45 – 3:00 pm                     | Know Your Incubators?   | Dr. Shreyas Padgaonkar   |  |
| 3:00-3:15 pm                       | How to achieve benchmark KPI's?                                   | Dr. Nishad Chimote   |  |
|                                    | Session 2 : Implementing Quality Control                          |  |  |
| 3:15 – 3:30 pm                     | Optimizing culture condition in IVF Lab.                          | Dr. MS Srinivas  |  |
| 3:30 - 3:45 pm                     | Sterilization and Maintenance of IVF Lab                          | Dr. Charudutt Joshi  |  |
| 3:45 –4:00 pm                      | Evaluation of Temperature, pH, Osmolarity, VOC,s in th<br>IVF lab | e Dr. Pankaj Talwar  |  |
| 4:00-4:30 pm                       | Meet the Experts  | Dr. Prakash Trivedi,<br>Dr. Kedar Ganla,<br>Dr. Madhuri Patil,<br>Dr. Sudesh Kamat,<br>Dr. Pankaj Talwar |  |
| 4:30-6:00 pm                       | Practical Demonstrations and Hands on                             |  |  |

## Hall A | Workshop 2 Micromanipulation(ICSI)- Better Practices

| Sponsored by : Cooper Surgicals, Mumbai              |  |  |
|--|--|--|
| Conveners: Dr. Sudesh Kamat, Dr. Vakil Jagveer Singh |  |  |
| Time   | Торіс  | Speaker  |
| Cc   | o <mark>ordinators: Dr. Ar</mark> shad Rizvi, Dr. Ratna Matavale, Dr. Sang | geeta Sinha  |
| Session 3 : Advances in In Vitro Fertilization       |  |  |
| 2:30 – 2:4 <mark>5 pm</mark>                         | Intracytoplasmic Sperm Injection- an overview.                             | Dr. Vakil Jagveer Singh  |
| 2:45 –3:00 pm  | Trouble shooting in ICSI technique.  | Dr. Sudesh Kamat   |
| 3:15 - 3:30 pm                                       | Factors affecting ICSI outcome.  | Dr. Sangeeta Sinha   |
| 3:30 -4:00 pm  | Discussion   |  |
| 4:00-4:30 pm   | Meet the Experts   | Dr. Prakash Trivedi,<br>Dr. Kedar Ganla,<br>Dr. Madhuri Patil,<br>Dr. Sudesh Kamat,<br>Dr. Pankaj Talwar |
| 4:30-6:00 pm   | Practical Demonstrations and Hands on                                      |  |

### Hall B | Workshop 3

#### **Oocytes and Embryos Vitrification.**

|  | Sponsored by : Global Fertility Solutions, Mun   | nbai   |  |
|--|--|--|--|
| Conveners: Dr. Goral Gandhi, Dr. Madhuri Patil |  |  |  |
| Time   | Торіс  | Speaker  |  |
| Coc  | Coordinators: Dr. Pritam Chatterjee, Dr. Lalit Kumar <mark>,</mark> Dr. Pratibha Makhija |  |  |
|  | Basics of Cryopreservation   |  |  |
| 2:30 – 2:4 <mark>5</mark> pm                   | Basic principles of cryobiology & vitrification and Practical tips and tricks            | Dr. Goral Gandhi   |  |
| 2:45 –3:00 pm                                  | Fertilty Preservation – a ray of hope  | Dr. Sudha Tandon   |  |
| 3:00 – 3:15 pm                                 | Whether to freeze cleavage stage or blastocyst   | Dr. Madhuri Patil  |  |
| 3:15 – 3:30pm                                  | Open Vs Closed Vitrification system of Oocytes & Embroys.                                | Dr. Paresh Makwana   |  |
| 3:30 -3:45 pm                                  | Does oocyte freezing affect ICSI outcome?  | Dr. Pratibha Makhija   |  |
| 3:45-4:00 pm                                   | Discussion   | 5 3 4 1/1  |  |
| 4:00-4:30 pm                                   | Meet the Experts   | Dr. Prakash Trivedi,<br>Dr. Kedar Ganla,<br>Dr. Madhuri Patil,<br>Dr. Sudesh Kamat,<br>Dr. Pankaj Talwar |  |
| 4:30-6:00 pm                                   | Practical Demonstrations and Hands on  |  |  |

#### Hall B | Workshop 4

#### Sperm Preparation and Sperm Selection for IVF /ICSI - Newer Perspectives.

| Sponsored by : Shivani Scientific, Mumbai       |   |  |  |
|---|---|--|--|
| Conveners: Dr. Kundan Ingale, Dr. Ratna Agrawal |   |  |  |
| Time  | Торіс   | Speaker  |  |
| Coordinators: I                                 | Coordinators: Dr. Sandeep Rahangdale, Dr. Neelam Chouhan, Dr. Anuradha Tibrewal Choudhary |  |  |
| HAN   | New opportunities in sperm selection.   |  |  |
| 2:30 – 2:45 pm                                  | Newer sperm separation techniques for IVF/ICSI  | Dr. Randhir Singh  |  |
| 2:45 –3:00 pm                                   | Choosing the best sperm for ICSI from immotile/ TESA samples.                             | Dr. Kundan Ingale  |  |
| 3:00 – 3:15 pm                                  | Advanced sperm selection technique for ICSI   | Dr. Sunil Jindal   |  |
| 3:15 -4:00 pm                                   | Discussion  | 2.0.1  |  |
| 4:00-4:30 pm                                    | Meet the Experts  | Dr. Prakash Trivedi,<br>Dr. Kedar Ganla,<br>Dr. Madhuri Patil,<br>Dr. Sudesh Kamat,<br>Dr. Pankaj Talwar |  |
| 4:30-6:00 pm                                    | Practical Demonstrations and Hands on   |  |  |

## HallWorkshop 5OPU /ET Over Simulator.

|  | Sponsored by : Shinelife IVF, Mumbai  |  |
|--|---------------------------------------|--|
| Conveners: Dr. Kedar Ganla, Dr. Priti Agarwal                                      |                                       |  |
| Time   | Торіс                                 | Speaker  |
| Coordinators: Dr. Biplav Halder, Dr. Jitendra Dewangan, Dr. Shilpa Pawar Chaurasia |                                       |  |
|  | Challenges confront in ART.           |  |
| 2:30 – 2:45 pm   | Troubleshooting in OPU.               | Dr. Kedar Ganla  |
| 2:45 – 3:00 pm   | Nuances of embryo transfer            | Dr. Pragya Suryavanshi   |
| 3:00 – 3:15 pm   | Video Demonstration for ET technique. | Dr. Lakshmi Shrikhande   |
| 3:15 -4:00 pm  | Discussion                            |  |
| 4:00-4:30 pm   | Meet the Experts                      | Dr. Prakash Trivedi,<br>Dr. Kedar Ganla,<br>Dr. Madhuri Patil,<br>Dr. Sudesh Kamat,<br>Dr. Pankaj Talwar |
| 4:30-6:00 pm   | Practical Demonstrations and Hands on |  |

#### **CONFERENCE PROGRAM** Day 1 | Saturday, 26<sup>th</sup> March 2022

#### Hall- Red Ball Dr Sunita Kanoi & Dr Shilpa Pawar

| Time                          | Торіс  | Judges  |
|-------------------------------|--|---|
| 3:00–9:00 am                  | Oral Presentations   | Dr. Charudutt Joshi<br>Dr. Goral Gandhi,<br>Dr. Madhuri Patil |
|                               | Session 1: Quality Makes a difference  |   |
| Chair                         | p <b>ersons:</b> Dr. Dayanidhi Kumar, Dr. Madhuri Pa <mark>til, Dr. P</mark>   | ritam Chatterjee  |
| Time                          | Торіс  | Speakers  |
| 9:00 – 9:15 <mark>a</mark> m  | Beyond the basics : advanced semen analysis  | Dr. Luna Samantha   |
| 9:15 - 9:30am                 | IVF Labs setup, is it a key to improve outcome?  | Dr. Charulata Chatterjee                                      |
| 9:30 - 9:45am                 | Oocyte Freezing  | Dr. Goral Gandhi  |
| 9:45 - 9:50am                 | Discussion   |   |
|                               | Session 2  |   |
| Chairpe                       | e <b>rsons:</b> Dr. Charulata Chatterjee, Dr. Prateek Makwana,   | Dr. Pankaj Talwar   |
| 9:50-10:05am                  | How To Improve Air Quality in Embryology Lab?  | Dr. Nishad Chimote  |
| 10:05-10:20 am                | Role of COC metabolism in oocyte competence  | Dr. Ratna Chattopadhyay                                       |
| 10:20 -10:35 am               | Embryo selection: Role of timelapse monitoring   | Dr. Dayanidhi Kumar   |
| 10:3 <mark>5</mark> – 10:50am | Ovarian tissue cryopreservation : An update<br>(Recorded Talk)   | Dr. Stine Gry Kristensen                                      |
| 10:50 - 11:00am               | Discussion   |   |
|                               | Session 3: Plenary Session<br>Sponsored by Cooper Surgicals  |   |
|                               | Chairpersons: Dr. YS Verma, Dr. Ratna Chattopa   | dhyay   |
| 11:05 -11:30 am               | Non Invasive PGT (Recorded Talk)   | Dr. Danilo Cimadomo   |
| 11:30am -11:55 am             | Quality assurance in IVF Lab (Recorded Talk)   | Dr. Steven Fleming  |
| 11:55 - 12:15pm               | Tea/Coffee Break   |   |
|                               | Session 4  |   |
|                               | Panel Discussion<br>Unexpected happens in IVF Lab, How to tackle the   | Moderators:<br>Dr Krishna Chaitanya                           |
| 12:15-1:00pm                  | situation?   | Dr. Prateek Makwana   |
|                               | <b>Panelists:</b><br>Dr. Aarti Deendayal, Dr. Niharika Tyagi, Dr. Pritam Cha<br>Dr. Pratibha Makhija, Dr. Arijeet Mukherjee, Dr. Pooja A |   |

|                              | Session 5: Plenary Session<br>Sponsored by Abbott   |   |
|------------------------------|---|---|
| Chairpe                      | e <b>rsons:</b> Dr. Dhiraj Gada, Dr. MS Srinivas, Dr. Ratna Agraw                         | val, Dr. Abha Singh                         |
| 1:00 – 01:30pm               | ISAR Presidential Oration: Strategies to de-stress gametes and embryos in IVF laboratory. | Dr. Satish Adiga                            |
| 01:30 – 02:00pm              | Do the greats in infertility understand fibroids and endometriosis?                       | Dr. Prakash Trivedi                         |
| 02:00-02:45pm                | Lunch Break   |   |
| Chairp                       | oersons: Dr. Ratna Chattopadhyay, Dr. Prakash Trivedi, S                                  | Dr. Goral Gandhi                            |
| 02:45-3:05pm                 | <b>Keynote:</b> Lab Key performance indicators and their relevance to IVF outcome         | Dr. Sujatha Ramakrishnan                    |
| 03:05-03:25pm                | <b>Keynote</b> : The effect of sperm DFI on the Assisted<br>Reproductive Technology       | Dr. MS Srinivas                             |
| 03:25-03:45pm                | <b>Keynote:</b> 100% abnormal sperm morphology – Any hope for patients?                   | Dr. Sudesh Kamat                            |
|                              | Session 6   |   |
| Chai                         | <b>rpersons:</b> Dr. Rajeev Sharma, Dr. Dayanidhi Kumar, Dr.                              | Sudesh Kamat                                |
| 3:4 <mark>5 – 4:00</mark> pm | Freeze all for all ?  | Dr. Shreyas Padgaonkar                      |
| 4:00 – 4:15 pm               | Novel technique of sperm selection for IVF & ICSI to improve results                      | Dr. M. Krishna Chaitanya                    |
| 4:15 – 4:30 pm               | What clinical aspects an embryologist should know?  | Dr. Bindu Chimote                           |
| 4:30-5:30 pm                 | Quiz Competition For All  | Dr. Sweta Agarwal<br>Dr. Madhuprita Agrawal |
| 7:00-8:00pm                  | Incredible Inauguration Followed By   |   |
| 8:00pm Onwards               | Opm Onwards Gala dinner & Cultural Program  |   |

#### Hall- Pink Ball

#### Dr Sweta Agarwal, Dr Animesh Agarwal

| Time   | Торіс                                    | Judges   |
|--|--|--|
| 8:00 - 9:00 am   | Oral Presentations                       | Dr. Shreyas Padgaonkar,<br>Dr. Rajeev Sharma,<br>Dr. Guru Prasad |
| Session 1  |  |  |
| Chairpersons: Dr. Paresh Makwana, Dr. Guru Prasad, Dr. Pratima |  |  |
| Time   | Торіс                                    | Speakers   |
| 9:00 - 9:15 am   | Advances in micromanipulation techniques | Dr. Niharika Tyagi   |

|                                | E LI I  |   |
|--------------------------------|---|---|
| 9:15 - 9:3 <mark>0 am</mark>   | Different culture media and its importance in IVF   | Dr. Rajeev Sharma                       |
| 9:30 - 9: <mark>45 am</mark>   | Impact of temperature on laboratory outcome   | Dr. Pooja Awasthi                       |
| 9:45-9:55 am                   | Discussion  |   |
|                                | Session 2   |   |
| Chairpers                      | <b>ons:</b> Dr. Sanjay Yatnale, Dr. Raghunandan, Dr. Luna Samai   | ntha, Dr. Aditi Bansal                  |
| .0:10 - 10: <mark>25</mark> am | The role of assisted hatching in IVF  | Dr. Pritam Chatterjee                   |
| .0:25 - 10:40 am               | Embryo Biopsy – An update   | Dr. Paresh Makwana                      |
| .0:40 - 10:55 am               | Potential of Vitrified Day 3 Embryo (Recorded Talk)   | Dr. Balaji                              |
| .0:55 - 11:05 am               | Discussion  |   |
|                                | Session 3: Plenary Session<br>Sponsored by Cooper Surgicals   |   |
|                                | Chairpersons: Dr. YS Verma, Dr. Ratna Chattopad   | hyay                                    |
| 1:05 -11:30 am                 | Non Invasive PGT (Recorded Talk)  | Dr. Danilo Cimadomo                     |
| 1:30am -11:55 am               | Quality assurance in IVF Lab (Recorded Talk)  | Dr. Steven Fleming                      |
| 1:55 - 12:15pm                 | Tea/Coffee Break  |   |
|                                | Session 4   |   |
| Chai                           | <b>rpersons:</b> Dr. Luna Samantha, Dr. Rajul Tyagi, Dr. Madhu  | prita Agrawal                           |
| 2:15 - 12:30 am                | Chemical modifiers of sperm motility: is there any hope for improvement?  | Dr. Guru Prasad                         |
| 2:30 - 12:45 pm                | Trophectoderm embryo biopsy for PGTA  | Dr. Dipti Rapelle                       |
| .2:45 - 1:00 pm                | The influence of the type of culture media on the outcome of IVF/ICSI   | Dr. YS Verma                            |
|                                | Session 5: Plenary Session<br>Sponsored by Abbott   |   |
| Chairpe                        | e <b>rsons:</b> Dr. Dhiraj Gada, Dr. MS Srinivas, Dr. Ratna Agrawa  | al, Dr. Abha Singh                      |
| l:00 – 01:30pm                 | ISAR Presidential Oration: Strategies to de-stress<br>gametes and embryos in IVF laboratory.                                | Dr. Satish Adiga                        |
| 1:30 – 02:00pm                 | Do the greats in infertility understand fibroids and endometriosis?   | Dr. Prakash Trivedi                     |
| 02:00-02:45pm                  | Lunch Break   |   |
|                                | Session 5   |   |
| 2:45 - 3:30 pm                 | Panel discussion  | <b>Moderators:</b><br>Dr. Bindu Chimote |
|                                | Factors affecting quality and outcome of oocytes  | Dr. Randhir Singh                       |
|                                | <b>Panelists:</b><br>Dr. Rashmi Goel, Dr. Sunita Jaiswal, Dr. Shilpa Pawar Cha<br>Dr. Sujatha Ramakrishnan, Dr. Rajul Tyagi | urasia, Dr. Raghunandan,                |

| Session 6  |  |   |
|--|--|---|
| Chairpersons: Dr. Aradhna Gupta, Dr. Animesh Agarwal, Dr. Nishad Chimote |  |   |
| 3:30 - 3:45 pm   | Blastocyst Vitrification : an update       | Dr. Sanjay Yatnale                          |
| 3:45 - 4:00 pm   | Recent advances in embryo selection method | Dr. Rajul Tyagi                             |
| 4:00 - 4:15 pm   | Oocyte and embryo gradation                | Dr. Pratima                                 |
| 4:15 - 4:30 pm   | KPI's for embryology labs                  | Dr. Madhumita<br>Roychoudhary               |
| 4:30-5:30 pm   | Quiz Competition For All                   | Dr. Sweta Agarwal<br>Dr. Madhuprita Agrawal |
| 7:00-8:00pm  | Incredible Inauguration Followed By        |   |
| 8:00pm Onwards   | Gala dinner & Cultural Program             |   |

#### Hall- Green Ball Hall Incharge- Dr Sudha Agarwal

| Time  | Торіс   | Judges   |
|---|---|--|
| 8:00 – 9:00 am  | Oral Presentations  | Dr. Anuradha Tibrewal<br>Choudhary,<br>Dr. Sudha Tandon,<br>Dr. Pratibha Makhija,<br>Dr. Sudha Agrawal |
|   | Session 1   |  |
| Chairpersons  | : Dr. Rohit Gutgutia, Dr. Sunil Jindal, Dr. Sudha Agraw               | al, Dr. Shilpa Pawar Chaurasia   |
| Time  | Торіс   | Speakers   |
| 9:00 - 9:15am   | Management of non-obstructive azoospermia                             | Dr. Anuradha Tibrewal<br>Choudhary   |
| 9:15 - 9:30am   | Is fertility really reduced in PCOS women                             | Dr. S.K Agrawal  |
| 9:30 - 9:45am   | Factors affecting Embryo Transfer                                     | Dr. Pratibha Makhija   |
|   | Session 2   |  |
| Chairperso  | <b>ns:</b> Dr. Sangeeta Sinha, Dr. Pratibha Makhija <b>,</b> Dr. Vina | aya Maiskar, Dr. S.K Agrawal   |
| 10:00-10:15 am  | OHSS free clinic – How feasible?                                      | Dr. Sheetal Swarnkar   |
| 10:15-10:30 am  | Progesterone – new kid on the blog                                    | Dr. Rohit Gutgutia   |
| 10:30-10:45 am  | COH and PCOS – What's new?  | Dr. Seema Pandey   |
| 10:45 – 11:00am   | Azoospermia – How to plan retrieval?                                  | Dr. Sunil Jindal   |
| Session 3: Plenary Session<br>Sponsored by Cooper Surgicals |   |  |
| Chairpersons: Dr. YS Verma, Dr. Ratna Chattopadhyay         |   |  |

|                                 | and and the second  |  |
|---------------------------------|---|--|
| 11:05 -11:30 am                 | Non Invasive PGT (Recorded Talk)  | Dr. Danilo Cimadomo                        |
| 11:30am -11:55 am               | Quality assurance in IVF Lab (Recorded Talk)  | Dr. Steven Fleming                         |
| l 1:55 - 12:15pm                | Tea/Coffee Break  |  |
|                                 | Session 4   |  |
| Ch                              | a <mark>irpersons:</mark> Dr. Manoj Chellani, Dr. Priti Agr <mark>awal, Dr.T</mark> r   | ipti Nagaria                               |
| 12:15- 12:3 <mark>5 noon</mark> | <b>Keynote Address:</b> Success rates in ART – who is responsible, is it patient, clinician, lab or Embyologists - "EVIDENCE BASED"?  | Dr. A. Suresh Kumar                        |
| 12:35 – <mark>12: 55</mark> pm  | Keynote Address: Covid and Reproduction   | Dr. Dhiraj Gada                            |
|                                 | Session 5: Plenary Session<br>Sponsored by Abbott   |  |
| Chairpe                         | e <b>rsons:</b> Dr. Dhiraj Gada, Dr. MS Srinivas, Dr. Ratna Agraw   | al, Dr. Abha Singh                         |
| 1:00 – 01:30pm                  | ISAR Presidential Oration: Strategies to de-stress gametes and embryos in IVF laboratory.   | Dr. Satish Adiga                           |
| 01:30 – 02:00pm                 | Do the greats in infertility understand fibroids and endometriosis?   | Dr. Prakash Trivedi                        |
| 02:00-02:45pm                   | Lunch Break   |  |
|                                 | Session 6   |  |
| C                               | hairpersons: Dr. Sunil Jindal, Dr. Sarita Agrawal, Dr <mark>. See</mark> r  | ma Pandey                                  |
| 2:45 - 3:00 pm                  | Non gynaecological manifestations of PCOS   | Dr. Manoj Chellani                         |
| 3:00 - 3:15pm                   | Prolactin in Infertility  | Dr. Tripti Nagaria                         |
| 3:15 - 3:30 pm                  | Add-ons in IVF  | Dr. Priti Agarwal                          |
| 3:30 - 3:45 pm                  | Endometriosis and associated infertility: a comprehensive therapeutic approach  | Dr. Rekha Ratnani                          |
|                                 | Panel Discussion :  | Moderators:                                |
|                                 | Optimizing IVF results with current evidence  | Dr. Pankaj Talwar<br>Dr. Seema Pandey      |
| 03:45 – 04:30pm                 | <b>Panelists:</b><br>Dr. Madhuprita Agarwal, Dr. Prakrati Verma, Dr. Monika<br>Dr. Monika Agrawal, Dr. Rashmi Kumar, Dr. Sangeeta Sin | Pathak , Dr. Sudha Agrawa                  |
| 4:30-5:30 pm                    | Quiz Competition For All  | Dr. Sweta Agarwal<br>Dr. Madhuprita Agrawa |
| 7:00-8:00pm                     | Incredible Inauguration Followed By   |  |
| 8:00pm Onwards                  | Opm Onwards Gala dinner & Cultural Program  |  |
| 8:00pm Onwards                  |   | ram  |

RAIPUR

#### **CONFERENCE PROGRAM** Day 2 | Sunday, 27<sup>th</sup> March 2022

#### Hall- Red Ball

#### Dr Paulomy Dey & Dr Reshu Agarwal

| Time  | Торіс   | Judges  |
|---|---|---|
| 3:00 – 9:00 am  | Oral Presentations  | Dr. Priti Trivedi,<br>Dr. Arshad Rizvi,<br>Dr. Sudesh Kamat                               |
|   | Session 1   |   |
| Chairper  | <b>sons:</b> Dr. <mark>Prabhakar Singh,</mark> Dr. Muthu Kumar, <mark>Dr. Paulom</mark>   | y Dey, Dr. Y.S.Verma  |
| Time  | Торіс   | Speakers  |
| )9:00-09:15 am  | Non invasive technique for selecting best embryo for transfer   | Dr. Priti Trivedi   |
| )9:15-09:30am   | Endometrial receptivity for better embryo implantation  | Dr. Kaushiki Ray Sarkar   |
| )9:30-09:45am   | Factors affecting survival and viability of oocytes and embryos vitrification   | Dr. Charudutt Joshi   |
| 9:4 <mark>5 - 10:00am</mark>  | Newer methods of Sperm Selection  | Dr. Atita Shinde  |
| 10 <mark>:00 - 10</mark> :10am  | Discussion  |   |
|   | Session 2   | 1   |
| 72.   | Panel discussion:<br>QA and QC in IVF Lab,  | <b>Moderators:</b><br>Dr. Raghunandan&<br>Dr. Atita Shinde                                |
| 10:10-11:05 am  |   |   |
| 10.10-11.05 am  | Panelists:<br>Dr. Sandeep Rahangdale Dr. Y.S. Verma, Dr. Sameer Gog<br>Dr. Krishnamoorthy, Dr. Neelam Chouhan   | ale, Dr. Prabhakar Singh,   |
| 10.10-11.05 am  | Dr. Sandeep Rahangdale Dr. Y.S. Verma, Dr. Sameer Gog   | ale, Dr. Prabhakar Singh,   |
|   | Dr. Sandeep Rahangdale Dr. Y.S. Verma, Dr. Sameer Gog<br>Dr. Krishnamoorthy, Dr. Neelam Chouhan   |   |
| Chairperson   | Dr. Sandeep Rahangdale Dr. Y.S. Verma, Dr. Sameer Gog<br>Dr. Krishnamoorthy, Dr. Neelam Chouhan<br><b>Session 3</b>   |   |
| <b>Chairperson</b><br>11:05 - 11:20am   | Dr. Sandeep Rahangdale Dr. Y.S. Verma, Dr. Sameer Gog<br>Dr. Krishnamoorthy, Dr. Neelam Chouhan<br>Session 3<br>as:Dr. Manisha Bajpeyi, Dr. Priti Trivedi , Dr. Atita Shinde,<br>Ovarian stimulation for good quality   | , Dr. Kaushiki Ray Sarkar   |
| <b>Chairperson</b><br>1:05 - 11:20am<br>1:20-11:35pm                                  | Dr. Sandeep Rahangdale Dr. Y.S. Verma, Dr. Sameer Gog<br>Dr. Krishnamoorthy, Dr. Neelam Chouhan<br>Session 3<br>as: Dr. Manisha Bajpeyi, Dr. Priti Trivedi , Dr. Atita Shinde,<br>Ovarian stimulation for good quality<br>embryos<br>Male infertility – What gynaecologist should   | Dr. Kaushiki Ray Sarkar<br>Dr. Suparna Banerjee   |
| <b>Chairperson</b><br>1:05 - 11:20am<br>1:20-11:35pm<br>1:35 – 11:55pm                | Dr. Sandeep Rahangdale Dr. Y.S. Verma, Dr. Sameer Gog<br>Dr. Krishnamoorthy, Dr. Neelam Chouhan<br>Session 3<br>as: Dr. Manisha Bajpeyi, Dr. Priti Trivedi , Dr. Atita Shinde,<br>Ovarian stimulation for good quality<br>embryos<br>Male infertility – What gynaecologist should<br>know?  | Dr. Kaushiki Ray Sarkar<br>Dr. Suparna Banerjee<br>Dr. Seema Prakash                      |
| Chairperson<br>11:05 - 11:20am<br>11:20-11:35pm<br>11:35 - 11:55pm<br>11:55 - 12:00pm | Dr. Sandeep Rahangdale Dr. Y.S. Verma, Dr. Sameer Gog   Dr. Krishnamoorthy, Dr. Neelam Chouhan   Session 3   s: Dr. Manisha Bajpeyi, Dr. Priti Trivedi , Dr. Atita Shinde,   Ovarian stimulation for good quality   embryos   Male infertility – What gynaecologist should   know?   Keynote: Improving Culture System in IVF lab               | Dr. Kaushiki Ray Sarkar<br>Dr. Suparna Banerjee<br>Dr. Seema Prakash                      |
|   | Dr. Sandeep Rahangdale Dr. Y.S. Verma, Dr. Sameer Gog   Dr. Krishnamoorthy, Dr. Neelam Chouhan   Session 3   is: Dr. Manisha Bajpeyi, Dr. Priti Trivedi , Dr. Atita Shinde,   Ovarian stimulation for good quality   embryos   Male infertility – What gynaecologist should   know?   Keynote: Improving Culture System in IVF lab   Discussion | Dr. Kaushiki Ray Sarkar<br>Dr. Suparna Banerjee<br>Dr. Seema Prakash<br>Dr. Virendra Shah |

| The second secon |  |  |
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| <b>Virendra Shah Oration:</b><br>Innovation To Revolution in ART Lab   | Dr. Ratna Agrawal  |  |
| Batch IVF  | Dr. Kedar Ganla  |  |
| Diminished Ovarian Reserve – W hat is state of ART?  | Dr. Jaydeep Tank   |  |
| 1:30 - 2:30pm Lunch Break  |  |  |
| Session 5<br>Chairpersons: Dr. Madhuprita Agarwal, Dr. Moonmoon Agarwal, Dr. Rohit Banchor   |  |  |
|  |  |  |
| Artificial intelligence and machine learning enhanced<br>embryo selection technique  | Dr Raghunandan   |  |
| Considerations regarding embryo culture conditions –<br>from media to epigenetics  | Dr. Manisha Bajpeyi  |  |
| Session 6<br>Chairpersons: Dr. Seema Prakash, Dr. Pooja Kadhi, Dr. Reshu Agrawal   |  |  |
|  |  |  |
| <b>Panel discussion:</b><br>ART and Surrogacy Act 2021   | <b>Moderator:</b><br>Radhika Thapar  |  |
| <b>Panelists:</b><br>Manoj Chellani, Veronica Yuel, Anuradha Tibrewal Choudhary, Neeraj Pahlajani,<br>Kedar Ganla, Asha Jain, Priyankur Roy  |  |  |
| 45 pm onwards An Exclusive Closing ceremony  |  |  |
|  | Innovation To Revolution in ART Lab<br>Batch IVF<br>Diminished Ovarian Reserve – What is state of<br>ART?<br>Lunch Break<br>Session 5<br>Sons: Dr. Madhuprita Agarwal, Dr. Moonmoon Agarwal,<br>Impact of chromosomal mosaicism in IVF outcome<br>Artificial intelligence and machine learning enhanced<br>embryo selection technique<br>Considerations regarding embryo culture conditions –<br>from media to epigenetics<br>Session 6<br>airpersons: Dr. Seema Prakash, Dr. Pooja Kadhi, Dr. Res<br>Efficacy of Nobel Devices for Sperm Preparation<br>(Recorded Talk)<br>Panel discussion:<br>ART and Surrogacy Act 2021<br>Panelists:<br>Manoj Chellani, Veronica Yuel, Anuradha Tibrewal Chour<br>Kedar Ganla, Asha Jain, Priyankur Roy |  |

#### Hall- Pink Ball

Dr Tasnim Anjum and Dr Nikita Kalda

| Time   | Торіс                                 | Judges               |  |  |
|--|---------------------------------------|----------------------|--|--|
|  |                                       | Dr. Virendra Shah,   |  |  |
| 8:00 – 9:00 am   | Oral Presentations.                   | Dr. Pratiksha Joshi, |  |  |
|  |                                       | Dr. Dipti Rapelle    |  |  |
|  | Session 1                             |                      |  |  |
| <b>Chairpersons:</b> Dr. Sapna Srivas, Dr. Niharika Tyagi, Dr. Charudutt Joshi, Dr. Sandeep Rahangdale |                                       |                      |  |  |
| Time   | Торіс                                 | Speakers             |  |  |
| 9:00 – 9:15am  | Recent update in embryo culture media | Dr. Puneet Singh Lal |  |  |
| 9:15 – 9:30am  | Troubleshooting in ICSI technique     | Dr. Vanshika Jain    |  |  |
| 9:30 – 9:45am  | KPIs in Vitrification (Recorded)      | Dr. Rachel Chin      |  |  |
| 9:45- 9:55am   | Discussion                            |                      |  |  |

| Session 2  |   |  |  |
|--|---|--|--|
| C  | Chairpersons: Dr. Arshad Rizvi, Dr. Sweta Agrawal, Dr. Rashmi Goel          |  |  |
| 10:00-10:15am  | Routine Semen Analysis and its value in fertility treatment (Recorded Talk) | Dr. George Lipris                          |  |
| 10:15-10 <mark>:30</mark> am   | Oocyte vitrification, advances and future goals                             | Dr. Pratiksha Joshi                        |  |
| 10:30-10 <mark>:35</mark> am   | Discussion  |  |  |
| Session 3  |   |  |  |
| Ch   | Chairpersons: Dr. Pratik Tambe, Dr. Dipti Rapelle, Dr. Puneet Singh Lal     |  |  |
| 10:35 - 10:50 am   | Minimizing errors in IVF Lab  | Dr. Sapna Srivas                           |  |
| 10:50-11:05am  | Role of embryologist – How it is important?                                 | Dr. Gaurav Kant                            |  |
| 11:05-11:20am  | Importance of documentation and counselling in IVF programme                | Dr. Nancy Sharma                           |  |
| 11:20 - 11: <mark>3</mark> 0am   | Discussion  |  |  |
|  | Session 4   |  |  |
| Chairpersons: Dr. Manisha Bajpeyi, Dr. Dharmesh Kapadia, Dr. Aditi Trivedi |   |  |  |
| 11:30- 11:45am   | Debate- Humidified VS Non-humidified incubator                              | Dr. Pratiksha Joshi/Dr.<br>Charudutt Joshi |  |
| 11: <mark>45-</mark> 12:00 pm  | <b>Debate-</b> Sequencial VS Non sequencial culture media                   | Dr. Gaurav Kant/Dr. Sapna<br>Srinivas      |  |
| 12:00-12:15pm  | 2:00-12:15pm Tea/coffee break   |  |  |
|  | Session 4- Plenary Session 3<br>Sponsored by Bharat Serum                   |  |  |
| Chairpersons: Dr. Abha Singh, Dr. Virendra Shah, Dr. Gautam Khastagir      |   |  |  |
| 12:15-12:45 pm   | <b>Virendra Shah Oration:</b><br>Innovation To Revolution in ART Lab        | Dr. Ratna Agrawal                          |  |
| 12:45– 1:05 pm   | Batch IVF   | Dr. Kedar Ganla                            |  |
| 1:05-1:25 pm   | Diminished Ovarian Reserve – What is state of ART?                          | Dr. Jaydeep Tank                           |  |
| 01:30 - 2:30pm   | L:30 - 2:30pm Lunch Break   |  |  |
|  | Session 6   |  |  |
| Chairperso   | n <b>s:</b> Dr. Sushma Verma, Dr. Tasnim Anjum, Dr Nikita Kalra             | a, Dr. Tabassum Dalla                      |  |
| 2:30 – 2:45pm  | Hormonal Therapy in male infertility  | Dr. Harsh Nihlani                          |  |
| 2:45 - 3:00pm  | Strategies To Improve IVF Outcomes  | Dr. Paulomi Dey                            |  |
| 3:00 – 3:10pm  | Discussion  |  |  |

|  | 04:00-04:45pm  |   | <b>Moderator:</b><br>Radhika Thapar |
|--|----------------|---|-------------------------------------|
|  |                | <b>Panelists:</b><br>Manoj Chellani, Veronica Yuel, Anuradha Tibrewal Choudhary, Neeraj Pahlajani,<br>Kedar Ganla, Asha Jain, Priyankur Roy |                                     |
|  | 4:45pm onwards | An Exclusive Closing ceremony   |                                     |

#### Hall- Green Ball

Dr Moonmoon Agrawal & Dr Ishpreet

| Time                         | Торіс   | Judges  |  |  |
|------------------------------|---|---|--|--|
| 8:00 – 9:00 am               | Oral Presentations  | Dr. Neeraj Pahlajani,<br>Dr. Tabassum Dalla,<br>Dr. Jyoti Jaiswal,<br>Dr. Anuradha Khar |  |  |
|                              | Session 1   |   |  |  |
| Chairperso                   | <b>Chairpersons:</b> Dr. Gurpreet Kaur, Dr. Moonmoon Agrawal, Dr. Neerja Agrawal, Dr Ishpreet |   |  |  |
| Time                         | Торіс   | Speakers  |  |  |
| 9:0 <mark>0 – 9:15</mark> am | Empty Follicle Syndrome   | Dr. Sushma Verma  |  |  |
| 9:1 <mark>5 – 9:30am</mark>  | Follicular Monitoring   | Dr. Tabassum Dalla  |  |  |
| 9:30 – 9:45am                | Anatomical Defects in Uterus and its impact on reproductive outcomes                          | Dr. Neeraj Pahlajani  |  |  |
| 9:45 – 10:00am               | Role of PRP in infertility  | Dr. Aditi Trivedi   |  |  |
|                              | Session 2   |   |  |  |
| Chairperso                   | ons: Dr. Sarita Agrawal, Dr. Monika Agrawal, Dr. Tabassur                                     | n Dalla, Dr. P. Panigrahi   |  |  |
| 10:00-10:15 am               | Optimizing IUI outcomes – An update   | Dr. Anuradha Khar   |  |  |
| 10:15– 10:30 am              | Role of colour doppler in prediction of ovulation and implantation                            | Dr. Jyoti Jaiswal   |  |  |
| 10:30 – 10:45 am             | Newer Stimulation protocols – How useful are they?  | Dr. Veronica Yuel   |  |  |
|                              | Session 3   |   |  |  |
| Chairpe                      | <b>rsons:</b> Dr. Meena Naik, Dr. Pooja Kadhi, Dr. Anuradha Kh                                | ar, Dr. Deepika Bele  |  |  |
| 10:45-11:00am                | Robotics in Infertility   | Dr. Lavanya Kiran   |  |  |
| 11:00-11:15am                | Evaluation of Recurrent implantation failure – clinician's perspective                        | Dr. Sarita Agrawal  |  |  |
| 11:15 – 11:30am              | Elective Single embryo transfer   | Dr. Pratik Tambe  |  |  |
|                              | Session 4   |   |  |  |
| Chairpers                    | o <b>ns:</b> Dr. Kedar Ganla, Dr. Lavanya Kiran , Dr. Tripti Naga                             | ria , Dr. Manoj Chellani  |  |  |

| 11:30-11: <mark>50pm</mark>  | Keynote: Work life balance   | Dr. Abha Singh                      |  |
|--|--|-------------------------------------|--|
| 11:50 – <mark>12:05</mark> pm  | Tips and tricks of ideal embryo transfer   | Dr. Gautam Khastagir                |  |
| 12:05-12:15pm  | 5-12:15pm Tea/coffee break   |                                     |  |
|  | Session 4- Plenary Session 3<br>Sponsored by Bharat Serum<br>Chairpersons: Dr. Abha Singh, Dr. Virendra Shah, Dr. Gautam Khastagir |                                     |  |
| C  |  |                                     |  |
| 12:15-12:45 pm   | Virendra Shah Oration:<br>Innovation To Revolution in ART Lab  | Dr. Ratna Agrawal                   |  |
| 12:45– 1:05 pm   | Batch IVF  | Dr. Kedar Ganla                     |  |
| 1:05-1:25 pm   | Diminished Ovarian Reserve – W hat is state of ART?  | Dr. Jaydeep Tank                    |  |
| 01:30 - 2:30pm   | Lunch Break  |                                     |  |
| Session 6  |  |                                     |  |
| Chairpersons: Dr. Jaydeep Tank, Dr. A Suresh Kumar, Dr. Veronica Yuel    |  |                                     |  |
| 2:30 – 2:45pm  | Trigger Shot - Controversies to Challenges   | Dr.Tarini Taneja                    |  |
| 2:45 – <mark>3:00</mark> pm  | Luteal Phase Support   | Dr. Priyankur Roy                   |  |
| Session 7  |  |                                     |  |
| Chairpersons: Dr. Rekha Ratnani, Dr. Neeraj Pahlajani, Dr. Jyoti Jaiswal |  |                                     |  |
| 3: <mark>00 – 3:1</mark> 5pm   | Laparoscopy in infertility   | Dr. Subhash Mallya                  |  |
| 3:15 – 3:30pm  | Hysteroscopy in Infertility  | Dr. Meena Naik                      |  |
| Session 8  |  |                                     |  |
|  | Panel discussion:<br>ART and Surrogacy Act 2021  | <b>Moderator:</b><br>Radhika Thapar |  |
| 04:00-04:45pm  | <b>Panelists:</b><br>Manoj Chellani, Veronica Yuel, Anuradha Tibrewal Cho<br>Kedar Ganla, Asha Jain, Priyankur Roy                 | oudhary, Neeraj Pahlajani,          |  |
| 4:45 pm onwards  | An Exclusive Closing cere  | mony                                |  |
|  | GHADI CHOWK<br>RAIPUR  |                                     |  |
| Conference Secretariat Conference Manager                                |  |                                     |  |

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