

# INSTITUTE OF HUMAN REPRODUCTION

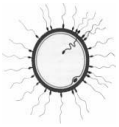
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## Hands on ICSI & ASSISTED HATCHING Day – 1 (13<sup>TH</sup> February, 2001)

| Time   | Topics                                                                                                                                                                                                                              | Speaker           |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 15 min | Introduction &<br>ICSI: A powerful tool to overcome fertilisation failure                                                                                                                                                           | M.L.Goenka        |
| 15 min | Role of sperm in ICSI                                                                                                                                                                                                               | James Catt        |
| 15 min | Oocyte activation after Intra Cytoplasmic Sperm Injection                                                                                                                                                                           | James Catt        |
| 15 min | ICSI: Laboratory setup, installing and aligning of the ICSI instrument                                                                                                                                                              | Rosmarie Cullinan |
| 30 min | <b>COFFEE</b>                                                                                                                                                                                                                       |                   |
| 20 min | ICSI: Injection procedure (Sperm preparation for ICSI, Oocyte preparation for ICSI: collection, removal of cumulus and corona radiata washing procedures, identification of maturation status, culture, Preparation of ICSI dishes, | Rosmarie Cullinan |
| 20 min | Sperm selection and aspiration, sperm immobilisation, ICSI itself: injection of spermatozoon in the oocyte, Evaluation of fertilisation, Culture conditions.                                                                        | Rosmarie Cullinan |
| 15 min | ICSI with Specialised sperm                                                                                                                                                                                                         | James Catt        |
| 15 min | Assisted Hatching                                                                                                                                                                                                                   | Rosmarie Cullinan |
| 1 hour | <b>LUNCH</b>                                                                                                                                                                                                                        |                   |

Hands on ICSI & ASSISTED HATCHING



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**Day – 2 (14<sup>th</sup> February, 2001)**

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Pre Lunch Session

Hands on ICSI & ASSISTED HATCHING

60min

**LUNCH**

30min

Azoospermia: Diagnosis and Management

Gordon Baker

30min

Techniques of sperm retrieval from testes in obstructive & non-obstructive azoospermia

Rupin Shah

90min

Live demonstration of PESA, TESE, TESA etc

Rupin Shah

90min

Live demonstration of sperm recovery from testicular tissue for ICSI

Deepak Goenka

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