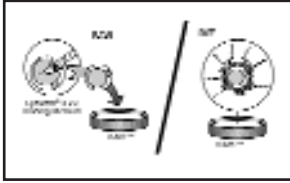


## ISM1™ / ISM2™



1. Carry out insemination (Day 0) in pre-equilibrated ISM1™ or Universal IVF Medium (Cat. No. 1030/1031). Where ICSI is required the insemination is performed in pre-warmed SynVibro®ICSI Holding Medium (Cat. No. 1585).

2.

a) If Universal IVF Medium is the insemination medium for IVF, an early rinse in ISM1™ is recommended at 4 hours in order to get better embryo morphology. After this the oocytes are carefully transferred to a pre-equilibrated culture dish containing 50 µl microdrops or 0.5 ml wells/dishes of ISM1™ covered with Liquid Paraffin (Cat. No. 1010).

b) Where ICSI is required, the oocytes are transferred to the pre-equilibrated culture dish of ISM1™ immediately after injection.

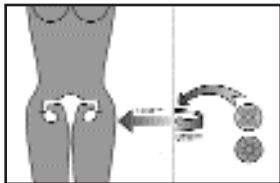
*The embryos should be cultured singly or in multiples to a maximum of 4 per well.*



3. At 16-20 hours (Day 1), check for formation of pronuclei, then carefully wash and transfer pre-zygotes to fresh 50 µl microdrops or 0.5 ml wells/dishes of ISM1™ covered with Liquid Paraffin.

*The embryos should be cultured singly or in multiples to a maximum of 4 per well.*

The embryos can be kept in the same medium from Day 1 until Day 3, and therefore no extra media changes are needed for Day 3 transfer compared to Day 2 transfer.



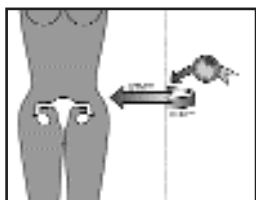
4. At Day 2 when the embryos have reached the 4-5-cell stage they can be placed in pre-equilibrated UTM™ (Uterine Transfer Medium) to await transfer Day 2.

At Day 3 when the embryos have reached the 6-8-cell stage they can be placed in pre-equilibrated UTM™ (Uterine Transfer Medium) to await transfer Day 3.



5. At Day 3, the embryos are carefully washed in pre-equilibrated ISM2™ and transferred to fresh 50 µl microdrops or 0.5 ml wells/dishes of the same medium.

*The embryos should be cultured singly or in multiples to a maximum of 4 per well in this second stage medium, until blastocyst formation at approximately Day 5.*



6. At Day 5 when the embryos have reached the blastocyst stage they are placed in pre-equilibrated UTM™ (Uterine Transfer Medium) to await transfer.