IVIRMA Global Education

Hands-on Training in the Embryology Laboratory:

As the global leader in Reproductive Medicine, IVIRMA Global stands out for delivering unparalleled results, boasting the most innovative R&D platform, and maintaining a highly skilled team. By choosing Global Education, you tap into over 30 years of experience and the expertise of our exceptionally qualified professionals.
Our dedication to research and innovation is what sets us apart, ensuring that you receive training from highly qualified and up-to-date experts on the latest advances in the field.

Training & Consulting: Hands-on Training in the Embryology Laboratory

The Hands-on Training in the Embryology Laboratory are tailored to meet the objectives and training needs of participants. These sessions can encompass foundational aspects for embryologists or zero in on specific areas to enhance particular techniques. Basic training for an embryologist involves a period in the **andrology laboratory**, followed by more comprehensive training in the in **vitro fertilization laboratory** to master all essential procedures.

Andrology Laboratory

- Media preparation for sperm dilution and freezing.
- Sperm collection protocol.
- Methods for preparing semen samples: capacitation, choosing the most appropriate capacitation method.
- Spermiogram: macroscopic semen analysis and microscopic semen analysis.
- Sperm freezing and thawing.

Hands-on Training in the Embryology Laboratory

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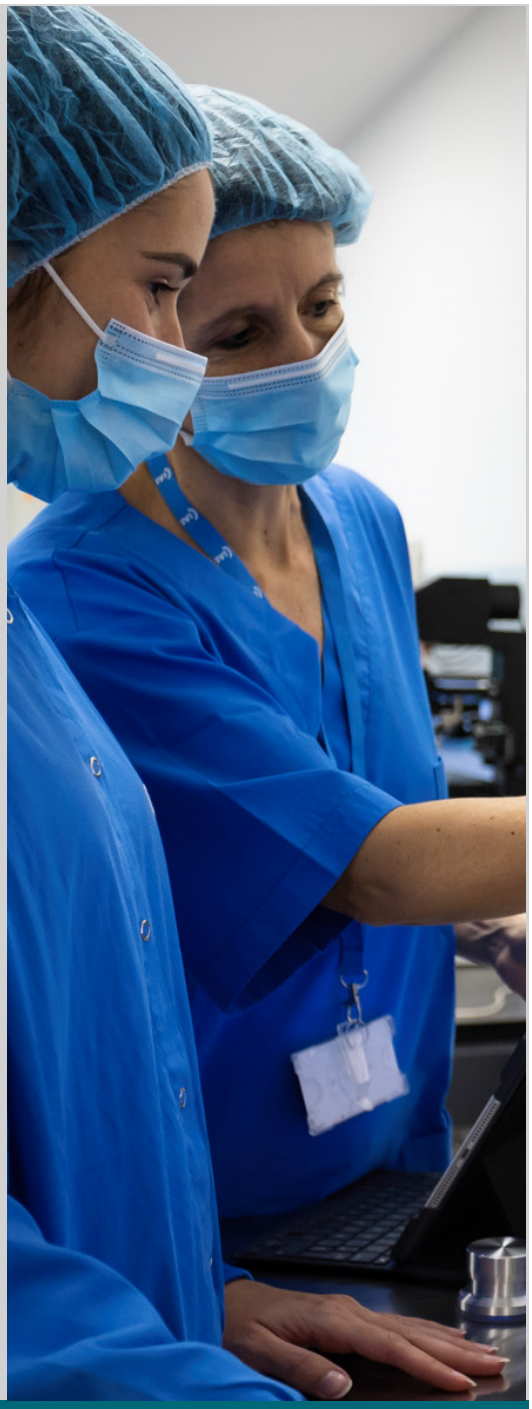
In Vitro Fertilization Laboratory

- Laboratory setup: calibrations, validations, monitoring, maintenance and environmental control.
- Follicular puncture: search and identification of cumulus-corona-oocyte complexes in the follicular fluid, assessment of oocyte maturation, preparation of hyaluronidase and oocyte denudation.
- Assembly of the micromanipulators, oocyte immobilization and microinjection.
- Culture media and culture systems.
- Stage-specific requirements.
- Handling and classification of embryos.
- Time-lapse: observation of kinetic parameters.
- Embryo transfer: checking the identity of the embryo, loading the embryo into the transfer catheter and checking for non-adherence.
- Vitrification of oocytes and embryos: cryoprotectants, additives, methods and storage.
- Oocyte and embryo warming protocol; cell viability evaluation.
- Embryo biopsy: use of laser and tubing. Sample delivery protocol.
- MACS.



For specialists seeking to perfect a specific technique, we tailor the training duration to align with your learning objectives and prior experience.

For more information, please don't hesitate to contact us at Education.TC@ivirma.com.