



Immersive  
Experiential  
Learning



High fidelity  
Training with  
6-DoF Haptics



AI Powered  
Virtual CoP &  
Learning Platform

World's first ESHRE-guideline compliant AI and VR Simulator

## Leapfrogging to Mastery in Assisted Reproduction

\* ESHRE - European Society of Human Reproduction and Embryology

\*\* ESHRE - Guideline: Recommendations for Good Practice in Ultrasound: Oocyte retrieval



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## Fertilator™

### Hybrid Hi-Fidelity Medical Training Simulator

- Ovum Pickup
- LMS (Learning Management System) Integration
- Learner Assessment / Credentialing
- Embryo Transfer\*
- Intrauterine Insemination (IUI)\*

\* June 2024

### Key Product Features

#### Haptic Feedback

- Force feedback for Cervix, Vaginal wall, ovary wall and follicle piercing
- Probe: 6-DoF with Needle: 1DoF

#### Ultrasound Imaging

- Simulated Transvaginal Ultrasound based on a 3D model of female reproductive anatomy
- Displayed on a virtual monitor in an immersive environment (VR Environment with Oculus Quest)
- Simulation of follicle emptying and refilling
- Simulation of aspiration driven by foot pedal switch

### Fertilator™ core unit includes:

- Transvaginal Ultrasound Probe
- 1 no. Aspiration pump foot switch
- 2 no's 22" LED Monitors
- In-built high end PC powered by Nvidia GPU
- META Oculus Quest 2
- Onsite Implementation and Remote Training Support
- User Manual and Video Tutorials



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