

A PRODUCT OF INNOV4SIGHT



**FEATURED
@ SOAR 2018**
Starting Out on
Assisted Reproduction

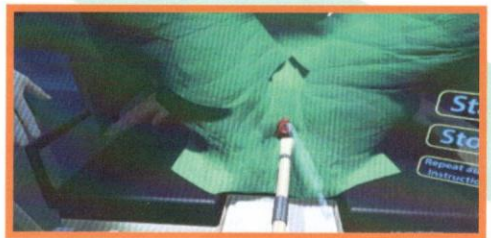


Singapore
General Hospital
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FERTILATOR

**MULTI AWARD WINNING TECH AGNOSTIC
FERTILITY CARE ENABLER**

Fertilator™ is an integrated high fidelity hybrid medical training simulator that combines Haptics (for sense of touch) & immersive environment (VR) to provide a comprehensive Training and Credentialing System for learning & practicing Assisted Reproductive Technology (ART) techniques.



SCENARIOS

- Oocyte Retrieval
 - Embryo Transfer
- “Fertilator enables the user to practice and develop skills and correct errors (if any), in real time”



An artificial, interactive, computer created OT environment



Haptic feedback system to let the user feel the interactions in virtual environment



Six degrees of freedom allows orientation translation and rotation

FEATURES

- Simulation of tissue deformation by the needle
- Simulation of follicle emptying and re-filling
- Real-time simulation of movement of ultrasound probe allowing the user to inspect the volume of follicles and insert the needle appropriately under ultrasound guidance
- Simulation of needle touching the surrounding tissue/structures
- Interactive environment where user can modify the dynamics of the simulator according to his/her preferences in order to create more challenging scenarios
- Audio guide available

IN THE BOX

- Standalone Unit
 - Haptic Feedback
 - Sensors
- Probe, Catheter, Needle
- Footswitch
- Oculus, Remote, Sensors
- Display Device



DEVICE FEATURE UPGRADES

Scenario upgrades with added simulation of complication in the cases for varied difficulty levels
Use of original tools for skill development
In-house LMS integration to manage and track trainees progress

Note : Clinical use disclaimer FERTILATOR™ is licensed for use for educational purpose only. FERTILATOR™ is not intended for clinical use.

Recognized & Supported by



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Finalist in NRF
Proof-of-Concept (POC) with SGH

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Product Demo | www.fertilator.com