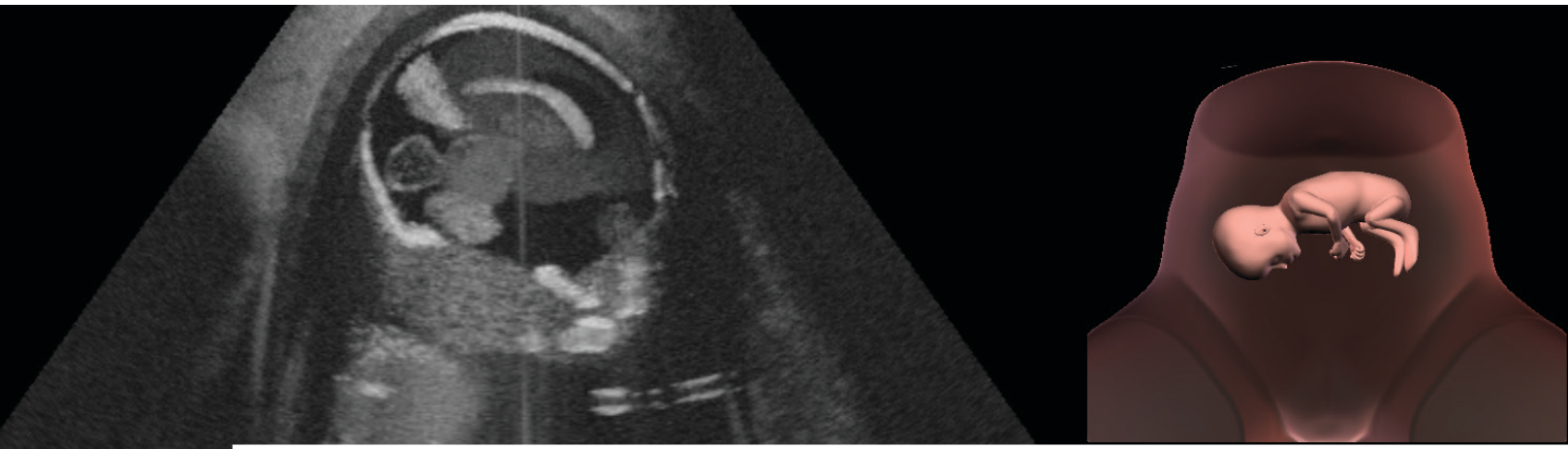
VIRTAMED



VirtaMed GynoS™

The most advanced & comprehensive OB/GYN training solution on the market

Intensify Clinical Training

- Learn all fundamental OB/GYN skills and make the transfer to clinical settings seamless thanks to immersive photorealistic graphics and world-class haptic feedback.
- Accelerate the educational journey. Benefit from expert-developed courses or create your own curriculum using a unique variety of cases.
- Keep trainees motivated and engaged with online leader boards and a 24/7 access to training materials.

Support Better Patient Care

- Prepare trainees for real-life scenarios with exposure to a wide range of cases and rare pathologies.
- Help trainees identify learning goals and reach pre-defined standards using performance-based assessments.
- Provide a risk-free training environment that allows for repeated practice of targeted skills.

Portable platform

- Train at multiple locations. The portable platform can be easily packed and unpacked while offering the benefits of a life-size pelvic model for greater immersion.

Mini platform

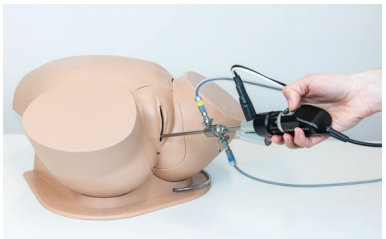
- Take your simulator along with you when traveling between hospital campuses. The mini platform can be packed into a carry-on luggage.

Modular platform

- Use your dedicated training space to standardize teaching across departments and share costs.
- Compatible with other VirtaMed specialties, orthopedics and urology, making it an all-in-one training tool.

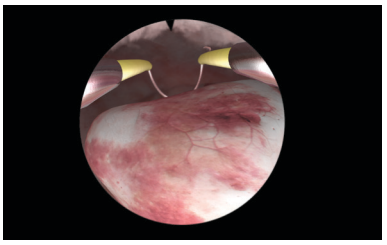
The VirtaMed Gynecology Platform

GynoS™ Hysteroscopy



Training goals

- Learn to expertly navigate and examine the uterus using angled optics.
- Gain the experience needed to recognize rare pathologies.
- Practice resection techniques and become proficient in electrosurgery.



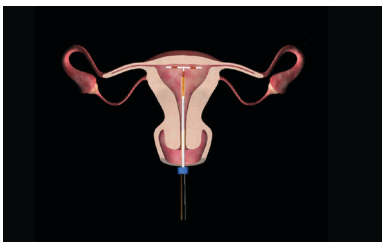
Training cases

- Essential skills for hysteroscopy with step-by-step guidance.
- Diagnostic tours and identification of uterine anatomies.
- Polypectomy and myomectomy with cutting loop.
- Endometrial ablation with rollerball.
- Removal of multiple intra-uterine fibroids and septum resection.

GynoS™ IUD Placement

Training goals

- Place an IUD in the correct location, learning to reduce complications such as perforation and implanting the device into the uterine wall.
- Ensure patient comfort when manipulating the version and flexion of the uterus with tenaculum forceps.



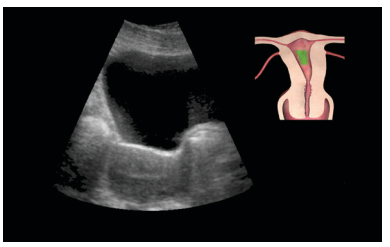
Training cases

- Placement of the Mirena®, PARAGARD®, Kyleena®, and Skyla®/Jaydess® IUDs.
- Uterine sounding.
- Cases include nulliparous patients, as well as patients with anteverted and retroverted uteri.

ASRM Embryo Transfer

Training goals

- Perform the various embryo transfer techniques as defined by the American Society for Reproductive Medicine (ASRM).
- Determine the best location for embryo expulsion.
- Train in your team to coordinate tasks, reduce patient risk, and minimize procedure time.



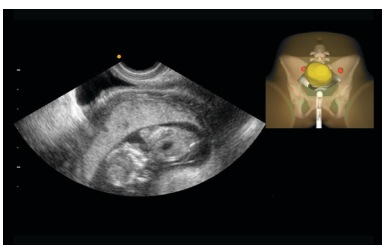
Training cases

- Embryo transfer with and without ultrasound guidance.
- Intrauterine insemination.
- Cases include patients with anteverted and retroverted uteri, as well as patients with straight, bent, and tortuous cervical canals, and with a false passage.

GynoS™ Transvaginal Obstetric Ultrasound NEW

Training goals

- Learn to visualize key anatomical areas faster and more precisely thanks to the realistic tactile sensation of the probe.
- Assess the viability of an embryo, including ectopic pregnancy, fluid in the cul-de-sac, or mass in the adnexa.
- Perform biometric measurements during first trimester to estimate the gestational age.



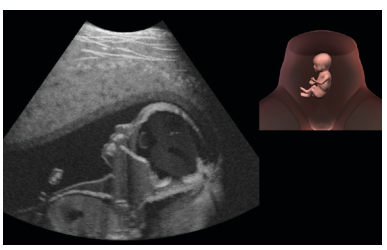
Training cases

- 12 cases with a variety of scenarios to enable trainees to hone their skills before examining patients.
- Cases include healthy pregnancies, pregnancy loss, pregnancies of unknown location, and rare ectopic twins.

GynoS™ Transabdominal Obstetric Ultrasound NEW

Training goals

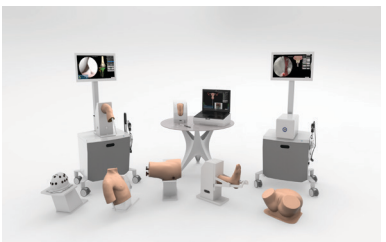
- Assess the health of the fetus and exclude pathologies following the structured 20 planes and 2 sweeps approach.
- Navigate the transducer across the entire abdomen, learning to acquire an accurate ultrasound image as on a real patient.
- Perform biometric measurements during second trimester to estimate the gestational age.



Training cases

- Over 70 cases focusing on the face, brain, heart & thoarax, abdomen & pelvis, limbs, and spine.
- Doppler scan in the heart and major vessels to detect vascular complications.

Modular Platform



Benefits of modularity

- Save space as one simulator accomodates various medical disciplines.
- Share costs between departments.
- Implement standardized training.

VirtaMed ArthroS™

- Arthroscopy training for the Fundamentals of Arthroscopic Surgery Training (FAST), as well as the knee, shoulder, hip, and ankle.

VirtaMed UroS™

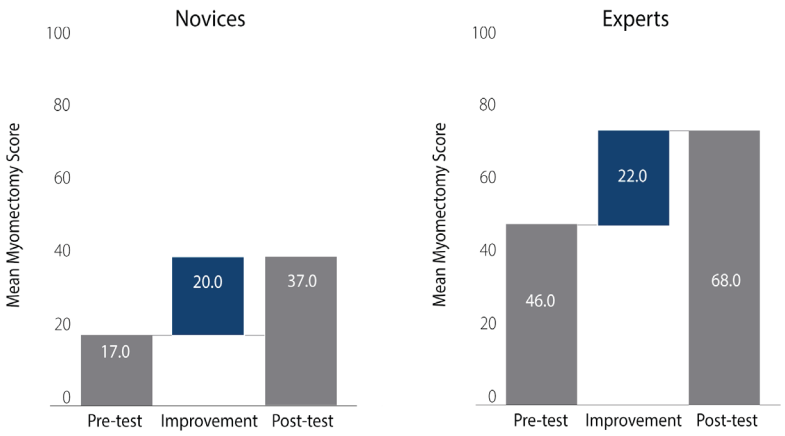
- TURP, TURB, and laser BPH treatment.

VIRTAMED

Evidence and testimonials

The VirtaMed GynoS™ simulators have been validated by many studies to make sure they are the most realistic, accurate, and helpful tool on the market for obstetrics & gynecology skills training. Integrating simulation into the educational pathway shortens the learning curve and increases practitioners' confidence in their acquired skills.

VirtaMed GynoS™ is demonstrated to improve hysteroscopic skills in both novices and experts. [1]



97.2%

of clinicians think the VirtaMed GynoS™ IUD Placement is a better training tool for inserting IUDs than manufacturer models. [2]

93.5%

of gynecological surgeons would recommend the VirtaMed GynoS™ Hysteroscopy to their friends. [3]

Prof. Dr. med. Michael Bajka, MD, medical adviser for VirtaMed

"What I like best about VirtaMed GynoS™ is the combination of real tactile sensation from a pelvic model and the large variety of training scenarios thanks to virtual reality simulation. We worked hard to make the feeling a life-like experience. Any time during a procedure, GynoS™ gives detailed instructions on what to do and what not to do, as well as immediate feedback if something goes wrong. I am convinced that this will improve education in gynecology, and thus enhance patient safety and comfort.

Used by:

[1] Elessawy M, Skrzipczyk M, Eckmann-Scholz C, Maass N, Mettler L, Guenther V, et al. Integration and Validation of Hysteroscopy Simulation in the Surgical Training Curriculum. J Surg Educ. 2017; 74(1): 84–90

[2] Dodge L, Hacker Michele, Averbach S, Voit S, Paul M. Assessment of high-fidelity mobile simulator for intrauterine contraception training in ambulatory reproductive health centres. *Journal of European CME*. 2016; 5: 30416

[3] Bajka M, Tuchschmid S, Streich M, Fink D, Székely G, Harders M. Evaluation of a new virtual-reality training simulator for hysteroscopy. *Surgical Endoscopy*. 2008.

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