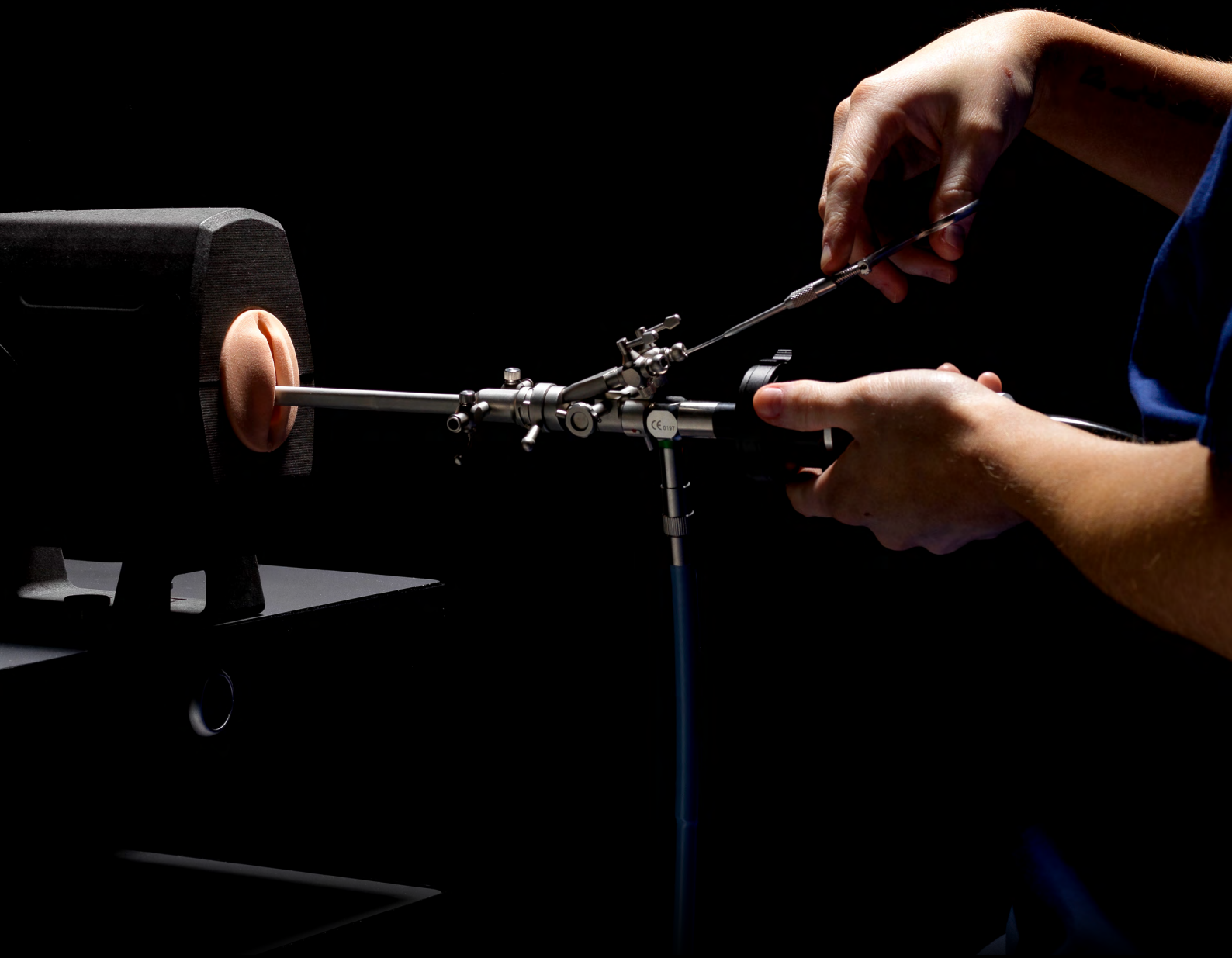


HystARoscopic™ Simulator

Accessible | Affordable | Functional



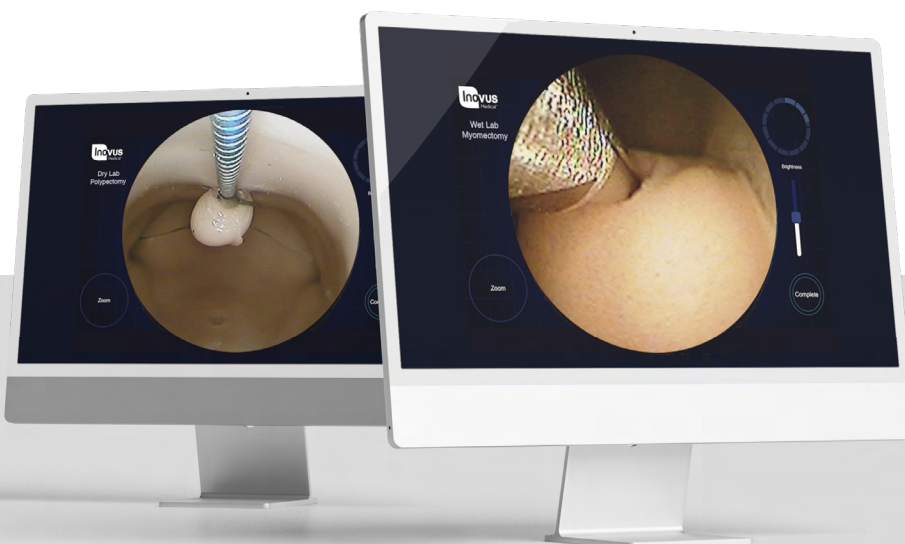
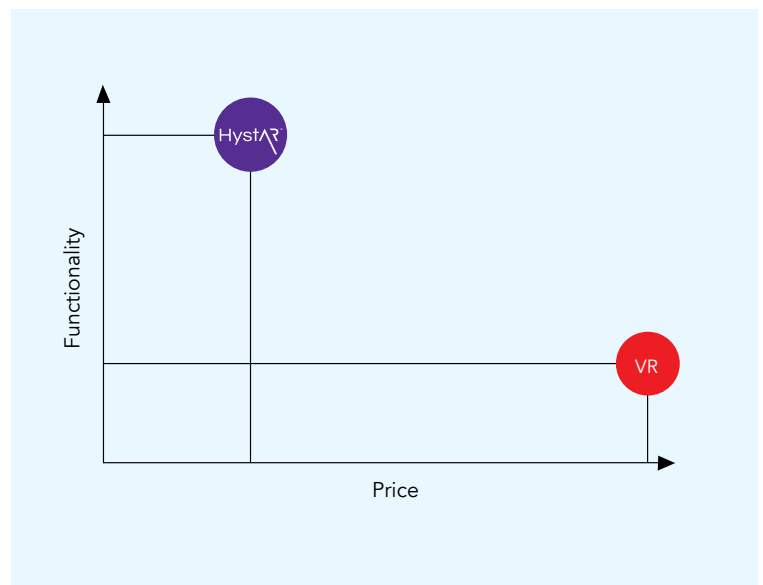
HystAR Democratising high fidelity hysteroscopy simulation

The HystAR simulator includes dry lab and wet lab uterus models. All models are anatomically correct including vaginal vault, cervix and intrauterine landmarks. The dry lab models have interchangeable pathologies for practising diagnosis and intraoperative management. Dry lab pathologies include endometrial polyps, intrauterine adhesions and fibroids. The pathologies offer real to life tissue handling and are a low-cost way of delivering repeated practice of these core hysteroscopic skills.

The wet lab models include polyps, fibroids and a model for endometrial resection. The wet lab pathologies are made from Inovus' proprietary water based substrate and produce natural haptics when operating with a range of hysteroscopic devices such as morcellators and resectoscopes. Both types of uterus model can be positioned in an anteverted and retroverted orientation allowing trainees to experience the different approach needed for each.

Key features of HystAR

- Soft tissue models with full anatomy including vaginal vault, cervix and uterine landmarks
- Full procedure simulation including polypectomy, myomectomy and adhesiolysis
- Track training events and performance on Totum
- Soft tissue models generate natural haptics
- Learn safe use of real instruments including morcellators and energy devices
- Objective feedback on key metrics of surgical performance. Record and review training progress with Totum



Full procedure simulation across dry lab and wet lab procedures.

HystAR Pro

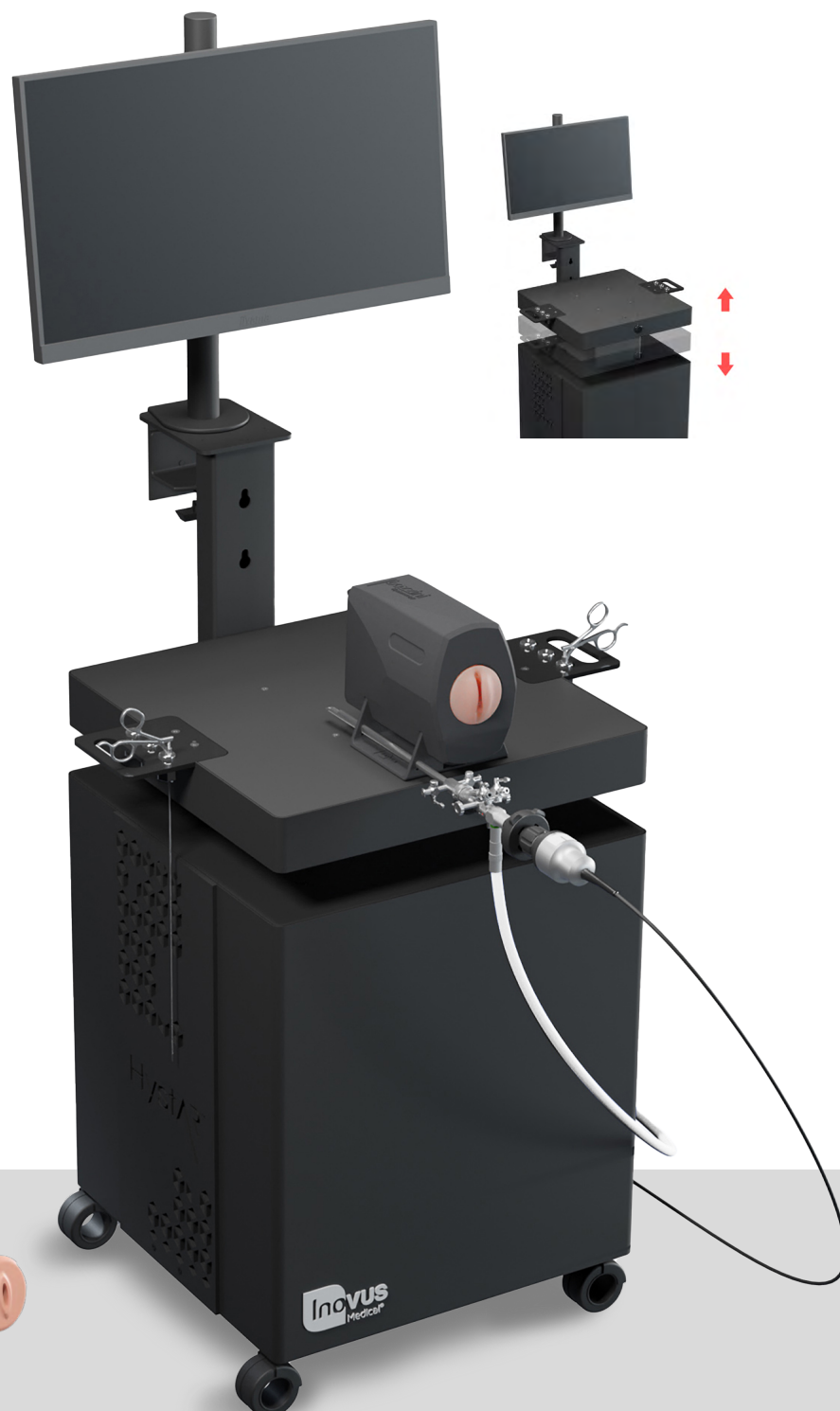
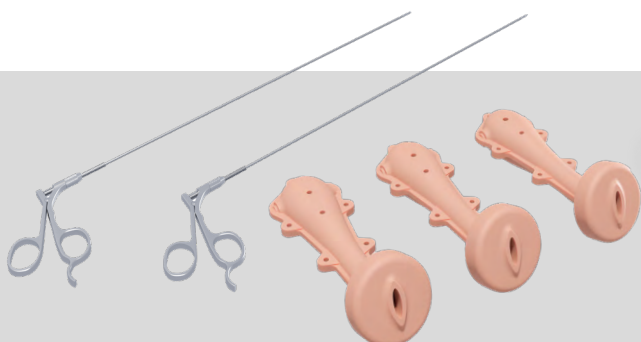
The HystAR Pro offers educational institutions and device companies the opportunity to deliver high fidelity, fully tracked hysteroscopy simulation at a scale never before possible. The sleek, compact trolley system meets all hysteroscopy training requirements from delivering basic, intermediate,

and advanced hysteroscopy skills courses in simulation centres through to pre-operative warm up in the clinical setting. Unlimited user licences mean there is no limit to the number of surgeons that can be trained with HystAR Pro.

Included in the package:

- 1x Uterus mounting case and table mount
- 1x clamp for fixing uterus mounting case and table mount
- 1x hysteroscopic scissors
- 1x hysteroscopic biopsy forceps
- 3x non pathological uterus models (INO-UT-01)
- 5x pack of adhesions
- 5x pack of polyps
- 1x bottle of lubricant
- 1x Mobile trolley system with adjustable operating height and integrated fibreoptic light source
- 1x Integrated computer with Totum software pre-installed
- 1x 22" touch screen monitor
- 1x 4mm, 0° or 30° hysteroscope (depending on centre preference)
- 1x hysteroscope introducer
- 1x endoscopic camera
- 1x light lead
- 1x monitor stand
- 1x operating stool for seated procedures
- Admin access to Totum

Product code: INO-HYST-AR-01



HystAR

The HystAR serves the demand for distance learning in hysteroscopy simulation by providing a convenient and accessible platform for education and training. It allows learners to develop their skills in hysteroscopy at their own pace and from any location, minimizing the need for physical resources and increasing the efficiency of training programs.

Overall, the HystAR contributes to advancing the field of hysteroscopy education by offering a novel and immersive approach to distance learning, helping to meet the demand for skilled hysteroscopy practitioners.

Included in the package:

- Hysteroscopy base unit to position uterus
- Clamp for fixing base unit
- 2x non pathological uterus – also used for interchangeable polyps and adhesions
- 1x uterus with submucosal fibroid
- 50x polyps
- 3 rolls of adhesions
- 1x 4mm, 30° or 0° hysteroscope
- 1x hysteroscope introducer
- 1x hysteroscopic grasping forceps
- 1x hysteroscopic scissors
- 1x camera unit
- 1x Bozzini light source
- 1x light lead
- Wheeled soft shell carry case

Product code: INO-HYST-AR-03



*Laptop not included

TOTUM[®]

To learn more about the complete Totum ecosystem of connected surgical training, go to www.inovus.org



• Uterus base unit and stand



• Bozzini light source



• Hysteroscopic grasping forceps and scissors



• Camera



• Hysteroscopic introducer and scope



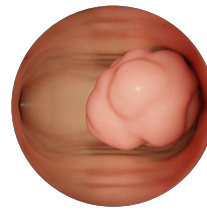
• Uterus models



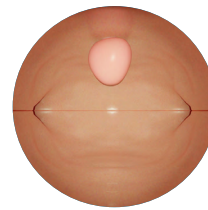
• Polyps and adhesions



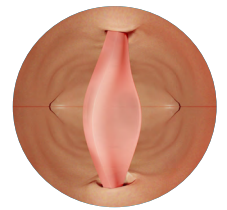
Internal views of pathologies



Close to life pathologies



Resection of polyps



Resection of adhesions



- Outer soft shell wheeled carry case containing the following inner cases:
 - Inner case to house HystAR components and camera
 - Camera case
 - Instrument case
 - Scope and introducer case

Totum Connect to perfect surgical technique

HystAR simulators are powered by Totum, the holistic platform that creates a connected surgical training ecosystem.

Totum allows instrument motions to be mapped and recorded digitally, to generate rich objective

data on surgical performance. The objective data is aggregated, managed and shared with trainers via the Totum web portal.



HystAR and
HystAR Pro

Powered by

TOTUM



Guiding the way to surgical success

Connect with mentors, peers, and examiners to share best practice



Harnessing the power of data to transform surgical training

Objective performance metrics guide improvements in surgical technique and operative flow



Unlocking the power of practice

Video capture and debrief provides an ecosystem for review, refinement, and mastery of surgical procedures



Dynamic assessment, universal recognition

Issue certificates of competency, gain CPD/CME points for time spent training, perform work based assessments and OSATS

TOTUM

To learn more about the complete Totum ecosystem of connected surgical training, go to www.inovus.org



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