



YOUR ACCESS TO THE GESEA PROGRAM

Introduction

We are very happy to announce
the ESGE services GESEA training equipment
A high quality and non-medical degree Instrument set up,
make the validated educational program “GESEA”
accessible and affordable for every institution.

Scientific evidence indicates that dry lab skill training
prior to training in the operating room,
are mandatory and cannot be learned in the operating room,

The ESGE, EBCOG, EAGS, ENTOG, ACOG and AAGL,
six leading professional organisations in gynaecology, joined forces in a
global recommendation regarding endoscopic surgical training and quality assurance.

It is a major breakthrough in the discipline of gynaecological endoscopic training
to align the leading societies in training and education
across Europe and all over the globe on such an important matter.

Introduction

The Gynecological Endoscopic Surgical Education and Assessment (GESEA) programme
is a structured diploma programme for Gynecological Endoscopy

It trains and certifies knowledge and practical skills prior to surgical competence,

The official diploma programme of the European Society for Gynecological Endoscopy (ESGE),
recognized by

the European Board Obstetrics and Gynecology (EBCOG),
the European society for Human Reproduction and Embryology (ESHRE),
the European Society of Gynecological Oncology (ESGO)
the Society of European Robotic Gynaecological Surgery (SERGS)
and a lot of European and non-European countries and societies.

The GESEA programme makes use of three endoscopic training models

LASTT

provides a validated training approach for basic laparoscopic instrument handling skills like
camera navigation, hand-eye coordination and bimanual coordination.

SUTT

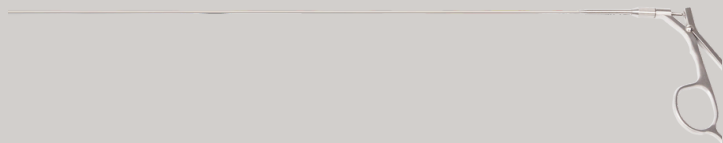
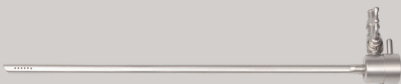
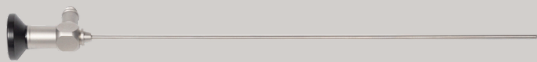
Bimanual laparoscopic suturing skills
with knotting exercises, needle handling, stitching, tissue approximation and knot tying.

HYSTT

Hysteroscopic camera navigation and instrument handling
by making use of model that simulates the female genital anatomy.

The Online Scoring Platform (OSP)
is the central platform to manage all GESEA training and testing activities.

GESEA Equipement



GESEA Equipment Overview

GESEA Camera systems

GESEA laparoscopic set

- GESEA pelvic trainer
- Telescope 0 degree
- Telescope 30 degree
- Disecting forceps
- Grasping forceps
- Laparoscopic scissor
- 2xGESEA Needleholders (right/left) handed
- 2x 5mm trocars
- 10mm trocar

GESEA Hysteroscope set

- 30° Double flow Hysteroscope
- 5 fr grasping forceps
- 5 fr. Scissors

LASTT Training Package

SUTT Training Package

HYSTT Training Package

Online Scoring Platform (OSP)

Imaging Systems



GESEA Smart Pack,

compact imaging hub with a built-in light source,
4 K camera head,integrated cutting-edge AI smart box



GESEA All in One System

endoscopic video unit with full HD camera head

GESEA Laparoscopic set



Telescope 0,
diameter 10mm, length 31cm



Telescope 30,
diameter 10mm, length 31cm



GESEA Pelvic trainer,



Fiber optic light cable,
diameter 4,8mm, length 250cm

GESEA Laparoscopic set



Kelly dissecting forceps,
rotating, size 5mm, length 36cm



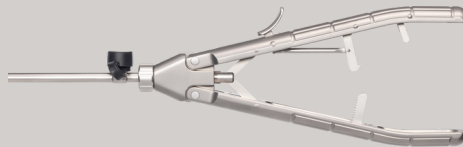
Grasping forceps,
rotating, size 5mm, length 36cm



Laparoscopic scissor
rotating, size 5mm, length 36cm



Needle holder,
Jaws left/right, size 5mm, length
33mm

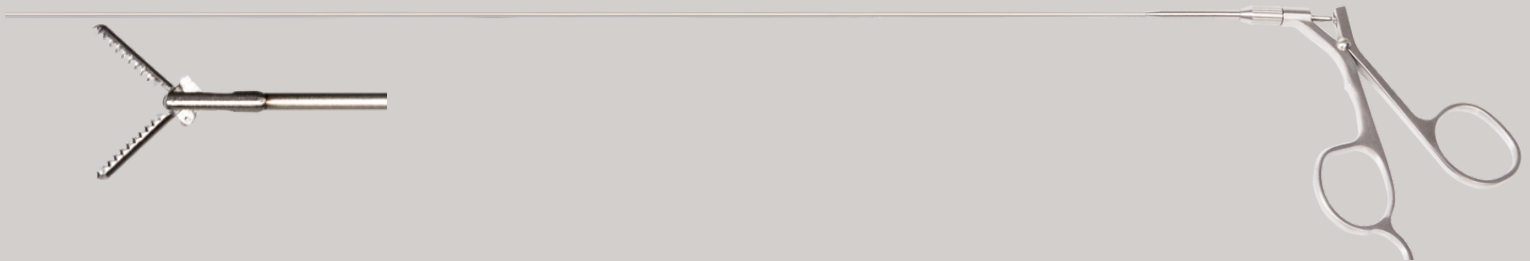
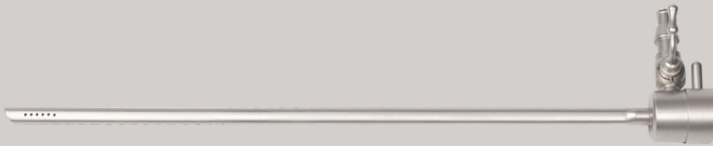
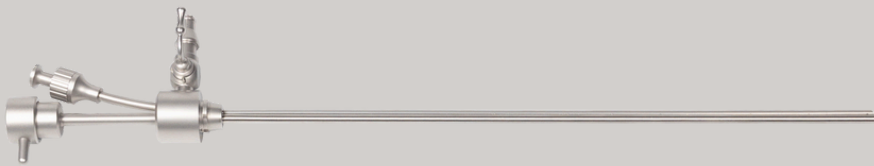
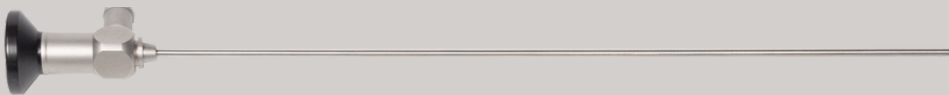


Trocarr 10mm



Trocarr 5mm

Hysteroscopy set up



Hysteroscope set, 2,9mm Hysteroscope,
outer sheet, 5 Fr grasping forceps

LASTT Training package

The Laparoscopic Skills Training and Testing (LASTT) method provides three validated laparoscopic exercises to train and test the individuals on their laparoscopic psychomotor skills.

Exercises are:

Camera navigation,

Hand-eye coordination,

Bimanual coordination.



LASTT Training Package
Including:
Wooden LASTT model
Exercise Inserts
Exercise Elements

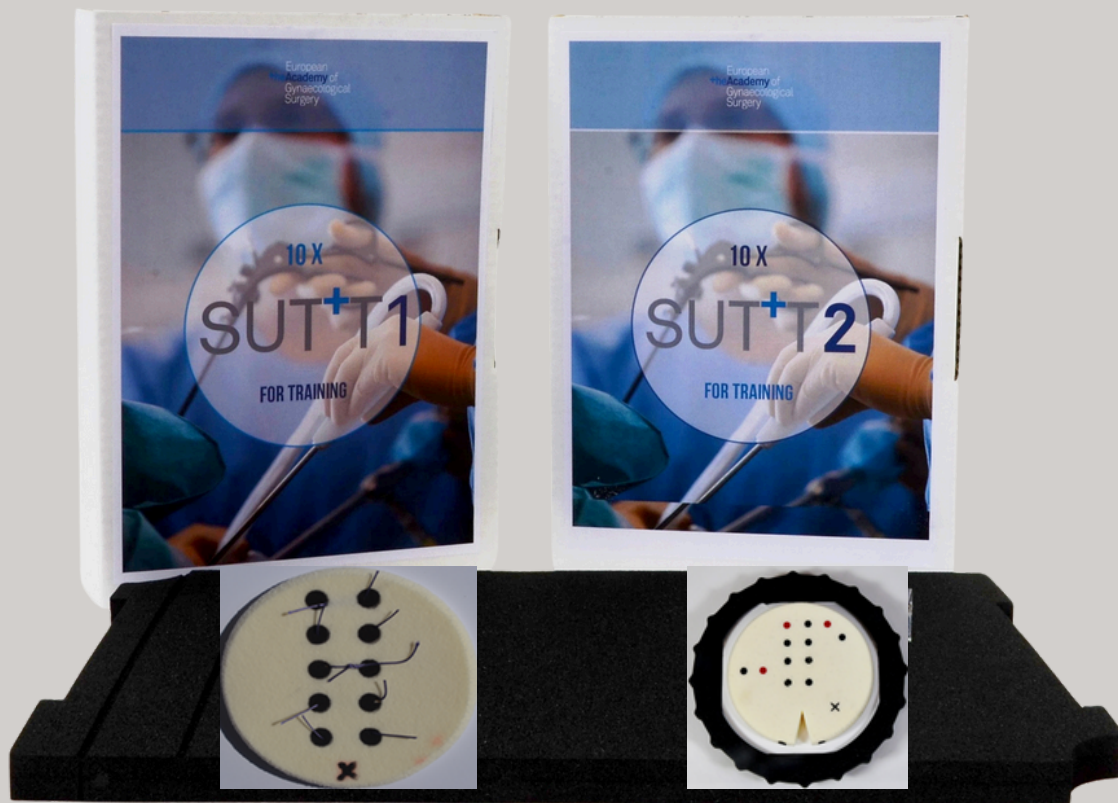


LASTT Accessory Kit,

SUTT Training package

The SUTT Training Package

provides a series of tests on stitching and knotting
that have been defined to train and test the quality level of
needle handling, stitching, tissue approximation and knot tying



SUTT Training Package

Including:

SUTT Foam Board

10 disposable SUTT 1 Pads for training

10 disposable SUTT 2 Pads for Training

HYSTT Training package

The Hysteroscopic Skills Training and Testing (HYSTT) method has been designed to train Hysteroscopic Psychomotor Skills.

The HYSTT model, provides the spatial distribution and orientation of the different planes and angles of a normal uterus. the exercises simulate all possible movements one should perform during a hysteroscopic procedure.

Exercises are:
Camera navigation,
Hand-eye coordination



HYSTT Training Package

Including:

Female genital model


3x HYSTT exercise 1 models

3x HYSTT exercise 2 models

HYSTT replacement Pins

Online Scoring Platform (OSP)

The Online Scoring Platform (OSP) provides the possibility to register participant's data and test result in the central data base for the LASTT, HYSTT and SUTT method. For each participant the previous exposure to endoscopy is documented. The OSP follows the trainee's improvement and provides a relevant evaluation defining their position versus the benchmarking group


Online Scoring Platform

[Users](#) [Institutions](#) [Tests](#) [Certifications](#) [Benchmark](#) [Media](#) [My account](#) [Log out](#)

Benchmark statistics

Certification
Reporting
Combined

LASTT1
LASTT2
SUTT1
SUTT2
HYSTT1
HYSTT2

Number of benchmark entries

Exposure to Laparoscopy	Number of entries in the benchmark
Minimal	4334
Intermediate	6172
Major	2836
Total	13342

Exercise 1: Camera Navigation

Exposure to Laparoscopy	LASTT1 score		
	Excellent	Fair	Room for Improvement
Minimal	60.5%	25.1%	14.4%
Intermediate	75.9%	16.7%	7.4%
Major	73%	20%	7.1%

Exercise 2: Hand-Eye Coordination

Exposure to Laparoscopy	LASTT1 score		
	Excellent	Fair	Room for Improvement
Minimal	54.6%	31.2%	14.2%
Intermediate	75.5%	19.4%	5%
Major	75.4%	20.9%	3.7%

Exercise 3: Bi-Manual Coordination

Exposure to Laparoscopy	LASTT1 score		
	Excellent	Fair	Room for Improvement
Minimal	33%	51.5%	15.5%
Intermediate	53.8%	40.6%	5.6%
Major	63.1%	33.6%	3.3%