

Laparoscopic Skills Workshop (LASTT – SUTT)

At the 9th Annual Meeting on Robotic Gynaecological Surgery

SERGS - 14-16.06.2017, Lille, France

Course Description and Objectives

To ensure patient's safety in laparoscopic surgery, it is clear that future Laparoscopic surgeons should possess objective measurable theoretical knowledge and practical skills, prior to undertaking any procedure, even under supervision, in the OR.

As part of its plan to standardise strategies and regulations for training in laparoscopy throughout Europe, the European Academy of Gynaecological Surgery (EAGS) in collaboration with ESGE and EBCOG has conducted extensive scientific research resulting in a validated programme of exercises for acquiring and testing laparoscopic psychomotor skills.

LASTTtm/SUTTtm is a validated assessment and certification method which measures and evaluates psychomotor skills in camera navigation, hand-eye and bi-manual coordination, laparoscopic suturing.

All exercises are executed in dry-lab set-up, with participants working together in pairs, and under the strict procedural guidance of instructors.

The course is open to all delegates interested in laparoscopic surgery, experience level is indifferent.

At the conclusion of the course the clinician will

- be assessed on his/her psychomotor skills level
- be ranked by comparison with benchmark performance data of representative experienced laparoscopic surgeons receiving a red, green or yellow colour code at each test.
- Receive a final report of competence in Laparoscopic Skills.
- Have received training in laparoscopic suturing adapted to their current skills.

Course Programme

General flow

Participants (max 40/day) are divided in 2 groups of 20 (A and B).

Each group will attend two different sessions: Theoretical session – Hands-on session
LASTT/SUTT

	8:30 – 12:00	14:00 – 17:30
Lecture session	A	B
LASTT/SUTT	B	A

1.Theoretical session (180 min)

During this lecture session participants will be informed on the training possibilities in Rumania in general and in Bucharest in specific. Furthermore they will receive an overview of the ESGE GESEA training programme, including the laparoscopic and hysteroscopic training models of +he Academy.

Programme

- Endoscopic training: different modalities
(local speaker)
- Importance of endoscopic training
(local speaker)
- Gynaecological Endoscopic Surgical Education and Assessment (GESEA) Programme
Y. Van Belle
- Ergonomy and basic laparoscopic suturing
L. Bresson
- Modern hysteroscopy and training
Y. Van Belle
- Loading the needle and stitching techniques
L. Bresson

2.Hands-on session (180 min)

Laparoscopic psychomotor skill Assessment

Participants are invited to test the basic laparoscopic skills through the LASTT method developed by +he Academy. For the first time a scientific validated method has been defined where, independent of the medical skills, the required psychomotor skills for Laparoscopy are being assessed. Participants will go through an assessment of three exercises, performed in a pelvic trainer box and using the appropriate endoscopic equipment and instruments.

The session starts with an introduction of the method by the Mentor from +he Academy. Participants are invited to go to the workstations in pairs to execute the runs of the first exercise. The workstations are positioned along the walls of the room with a minimum of 1 meter in between.

When the first exercise run is terminated, participants return to the presentation area for the instructive session on the second exercise. And so on, until all three exercises have been completed.

The timing is 90 minutes

Introduction:	15 minutes
Instruction exercise 1:	5 minutes
Session Ex 1:	20 minutes
Instruction exercise 2:	5 minutes
Session Ex 2:	20 minutes
Instruction exercise 3:	5 minutes
Session Ex 3:	20 minutes

The individual scoring data will be introduced by an Academy associate into the on-line Academy Scoring Platform and the individual reports will be printed on location. The reports are part of the final reporting package, but will also be available for each individual participant.

Laparoscopic suturing skills

Laparoscopic suturing is a challenging skill and seen as a necessary skill for every laparoscopic surgeon which can be learned and trained on an inanimate model. The participants will work in pairs of similar experience and will receive depending on their basic skills an exercise programme appropriate to their level.

General flow

One of the Instructors will give a lecture in needle handling and intra-corporeal knot tying.

The different pairs will be defined as the exercises which have to be performed.

Each working station needs an instructor with suturing skills.

The timing is 90 minutes

Introduction:	10 minutes
Instruction exercise needle handling 3 levels of difficulties:	5 minutes
Session Ex 1:	20 minutes
Instruction intra-corporeal knot tying 3 different techniques:	5 minutes
Session Ex 2:	20 minutes
Assessment of suturing skills (SUTT1)	30 minutes

Registration procedure

Participants have registered with the Congress Organization for both the Laparoscopic skills workshop as the Congress .Each participant agrees to provide his or her personal email address, Name and Surname to +he Academy. The Academy will invite the participant by e-mail to register on **the Academy Scoring Platform** to create his/her profile 2 weeks before the session. The profile data will be checked during the registration time.

PRACTICAL ASSESSMENT Sessions

Lecture Room:

Room in theatre style for 40 persons

Workshop Room:

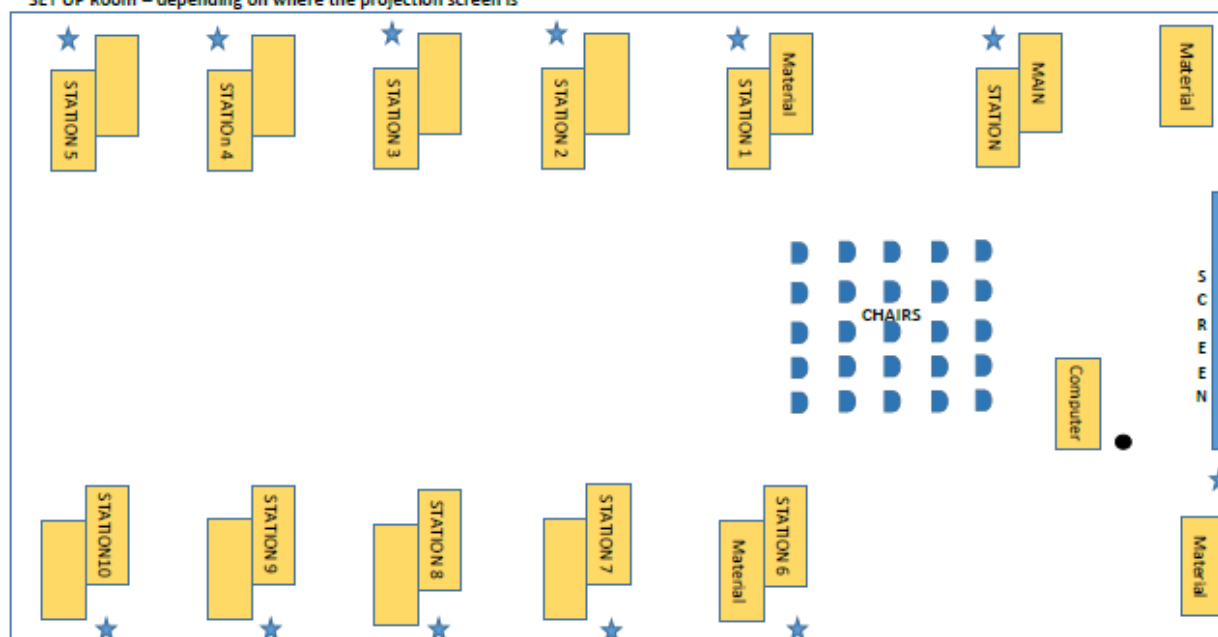
Room to be darkened for optimum endoscopic view.

Technical requirements: see under.

For 10 workstations: ideally 100 m²

SET UP of ROOM LASTT Training and Testing

SET UP Room – depending on where the projection screen is



● Internet connection



12 to 13 Power connection point
 a maximum of 3 workstations
 are connectable to a single circuit



25 Tables +/- 120 x 60



25 to 30 chairs

✓ Table for computer

✓ Beamer

✓ Screen or white wall projection

Practical lab requirements

- 10 working stations, each with:
 - 1 STORZ Telepack with 0° and 30° optic (by STORZ GmbH)
 - STORZ instruments: Kelly and Matkowitz forceps (by STORZ GmbH)
 - Szabo pelvic trainer (by STORZ GmbH)
 - LASTT Training model, equipment and accessories (by +the Academy)
- 1 room of minimal 100 m²
- 25 tables : 60 cm x 120 cm (minimum)
- 10 white table cloths which should be placed over the Storz case under the monitor
- 25-30 chairs, if central theoretical presentation area is possible.
- 1 table and 2 chairs for administration
- Possibility to darken the room
- Large presentation screen, or white wall for projection
- Beamer for PowerPoint presentation (PC from Academy instructor)
- Electrical power requirements:
 - 1 outlet per workstation position (Telepack). A maximum of three workstations are connectable to a single circuit.
 - 3 outlets for presentation (PC + beamer+printer)
 - Printer (colour) for certification printing
 - Internet connection
- Storage corner for empty boxes and cases of the 5 workstations