



European Institute of Endoscopic Science

MASTER DEGREE IN SUTURING TECHNIQUES

Florence, 14-15-16-17-18 June 2010

Course Venue

Scuola Superiore di Laparoscopia e Chirurgia Mininvasiva
Centro Oncologico Fiorentino
Via Ragionieri, 101
50019 Sesto Fiorentino (Firenze)

Course Description

This course is designed for general surgeons, urologists and gynaecologists looking to improve their ability and capacity in surgical laparoscopy. The technology surrounding surgical laparoscopy has evolved rapidly, but the major improvement in recent years in this field is probably the diffusion of suturing in laparoscopy. This course is designed to provide a limited number of participants with total hands-on experience using the most current technologies available for laparoscopic suturing and knotting. The goals of this course are achieved using theoretical, video and hands-on sessions. The unique aspect of this course will be the incorporation of revolutionary biological tissue stations providing the ultimate in wet-lab experience. During this experience, each participant will operate, assist and observe. This rotation format is particularly effective for learning pelvic anatomy and laparoscopic suturing skills.

Goals of the Course

- Clinical applications of different laparoscopic sutures
- How to insert and remove needles and threats from abdominal cavity
- Basic knots as part of more complex surgical knots
- Use of two-handed suture stitching according to the type of tissues to be sutured and the lesion orientation
- How to make different types of suture: simple, crossed, intro-flexed, continuous, ect.
- Transfixion and fixation of anatomical structures to the abdominal wall
- Use of pre-knotted loops and making “do-as-required” loops for particular cases
- Most useful intra-corporeal knots in laparoscopic surgery and knot tying procedures
- Most useful extracorporeal knots

14th June 2010

09:00	Registration
09:15	Introduction to EIES educational method – <i>M. De Scalzi, L. Mencaglia</i>
09:30	Ergonomy in the OR – <i>L. Mereu</i>
10:00	Suture in laparoscopy: knots and suturing techniques - <i>S. Angioni</i>
10:30	<i>Coffee break</i>
	Hands-on with inanimate biological station:
11:00	Dissection of omental adhesions and peritoneal tissue
13:00	<i>Working Lunch</i>
	Hands-on with inanimate biological station:
14:00	Co-ordinations and precision between left and right hand Introducing and remove the needle
16:00	<i>Coffee break</i>
	Hands-on with inanimate biological station:
16:30	Intracorporeal knotting with the “Gladiator Rule”: lateral approach

17:30 **End of the session**

15th June 2010

09:00 Extracorporeal knots: Roeder and half loops – *L. Mereu*

09:30 The stitch in laparoscopy – *E. Tiso*

10:00 Suturing in laparoscopy: indications and applications – *A. Castelli*

10:30 *Coffee break*

Hands-on with inanimate biological station:

11:00 Intra-corporeal knotting with the “Gladiator Rule”: lateral and sovrapubic approach

13:00 *Working Lunch*

Hands-on with inanimate biological station:

14:00 Different techniques for loading the needle

Approaching angles between needle, needle-holder and tissue

Stitches with right hand in lateral trocar

16:00 *Coffee break*

Hands-on with inanimate biological station:

16:30 Direct and reverse stitches with left hand in lateral trocar

Direct and reverse stitches with right hand in sovrapubic trocar

17:30 **End of the session**

16th June 2010

09:00 Instrumentation in laparoscopic surgery – *A. Mattei*

09:30 Antiadherential – *S. Landi*

10:00 *Coffee break*

Hands-on with inanimate biological station:

10:30 Stitches with left and right hand

Execution of different types of suture: single, continuous, introflexed

Advanced exercises to rich precision and rapidity

13:00 *Working Lunch*

Hands-on with inanimate biological station:

14:00 Complex angles of suture

16:00 *Coffee break*

Hands-on with inanimate biological station:

16:30 Application of sutures: myomectomy, vaginal cuff closure, pelvic floor procedures simulation

17:30 **End of the session**

17th June 2010

Hands-on with inanimate biological station:

09:00 Application of Roeder and half-knot on pelvic trainer

11:00 *Coffee break*

- Hands-on with inanimate biological station:**
11:30 Advanced exercises to rich precision and rapidity in suturing
13:00 *Working Lunch*
- Hands-on with inanimate biological station:**
14:00 Intra and extra corporeal knots: final text
16:00 *Coffee break*
16:30 Final test assessment
17:30 ***End of the session***

18th June 2010

- 09:00 **Live Surgery from the Operating Room**
12:30 ***End of the course - Adjournement***

Faculty:

S. Angioni
A. Castelli
S. Landi
A. Mattei
L. Mencaglia
L. Mereu
E. Tiso

Course fee:

€ 2.000,00 (including VAT)

The course fee includes: course participation, certificate of attendance, teaching materials and lunches.

For information:

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