

PROGRAM

BASIC SUTURE COURSE IN GENERAL SURGERY

FEBRUARY 10th TO 12th 2020



UNIDADE
BARRETOS

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GOALS

- To perform basic practical and theoretical training of laparoscopic suture for beginner and experienced surgeons who perform or intend to perform laparoscopic surgery.

EDUCATIONAL METHODS

- Interactive theoretical and video sessions between faculty and course participants, and practical sessions in training box.

FACULTY & TRAINER

Monday, February 10th 2020

- 07.40 Registration
08.00 Welcoming the participants

Luis Romagnolo

Theoretical Session

Chairpersons:

- 08:10 (20') History and Equipment needed for suture (needle-holder, needle-guard, trocars) VLP
08:30 (20') Selection of yarns and needles for VLP suture
08:50 (20') Ergonomics for VLP suture
09:10 (30') Camera men technique VLP suture
09:40 (25') Discussion

10:05– 10:25 *Coffee Break*

- 10:25 (20') Introduction, loading the needle and with drawal of the needle from the VLP cavity
10:45 (20') Geometry of intra-corporeal suture VLP
11:05 (20') Basic structure of the surgical knot
11:25 Discussion

12:00– 12:45 *Lunch*

EXPERIMENTAL LABORATORY – DRY LAB

- 12:45 Presentation of the exercises in Black Box - Auditorium

Exercise 1 – Cognition - Camera Man: Navigation

Exercise 2 – Cognition - Passing of the needle through the Hooks Circuit

Exercise 3 – Cognition - Passage of the needle and thread in the circuit of hooks

Exercise 4 - Needle Loading - Dancing needle technique, “pulling hair”, rotation technique, tissue help and adjust with thread

Exercise 5.1 – First Step - (Transfixation of the needle by the synthetic tissue)

Exercise 5.2 – Second Step (Double Transfixation)

Exercise 5.3 – Third Step (Clockwise and counterclockwise)

Exercise 5.4 – Fourth step (##Challenge ## Parallel Transfixation)

Exercise 5.5 – Forehand and Backhand

- 17:30 End of training

Shuttle bus for participants: IRCAD – Hotel

Shuttle bus for faculty: IRCAD – Hotel

Tuesday, February 11th 2020

Theoretical Session

Chairpersons:

08:00 (20')	The suturing in laparoscopy: knots, classification and suturing techniques
08:20 (15')	Intracorporeal knot tying Szab technique (C-Loop)
08:35 (15')	Intracorporeal knot tying (Gladiator technique and Smile technique)
08:50 (15')	Common mistakes made in intracorporeal suturing
09:05 (15')	Intracorporeal knot tying (D-Loop)
09:20	Discussion

09:45 – 10:00 *Coffee Break*

EXPERIMENTAL LABORATORY – DRY LAB

10:00 **Exercise 6: Intracorporeal Knot Tying - Gladiator technique and Gladiator's Smile**

12:00-12:45 *Lunch*

EXPERIMENTAL LABORATORY – DRY LAB

10:00 **Exercise 6: Intracorporeal Knot Tying - D – Loop formation and Smile**
Exercise 7: Intracorporeal Knot Tying - D – Loop formation and Smile
Exercise 8: Intracorporeal Knot Tying - C – Loop formation and Smile
Exercise 8: Intracorporeal Knot Tying - C – Loop formation and Smile

17:30 End of training
Shuttle bus for participants: IRCAD – Hotel
Shuttle bus for faculty: IRCAD – Hotel

Wednesday, February 12th 2020

Theoretical Session

Chairpersons:

- 08:00 (20') Continuous suturing
- 08:20 (20') Suturing at difficult angles
- 08:40 (30') Complication in laparoscopic suturing
- 09:10 (20') New technologies in the minimally invasive surgery
- 09:30 Discussion

09:40 – 10:00 *Coffee Break*

EXPERIMENTAL LABORATORY – DRY LAB

- 10:00 **Exercise 9.1: Traction and grip**
- Exercise 9.2 – Schimieden's or Bell's continuous suturing**
- Exercise 9.3 – Cushing's continuous suturing**
- Exercise 9.4 – Continuous suturing with V-Loc**
- Exercise 9.5 – Continuous suturing with traction of the assistant surgeon**
- Exercise 10 – Simple continuous Suturing (Kurschener's suturing)**
- Exercise 11 – Exercises of suture at difficult angles**

13:00 – 13:45 *Lunch*

EXPERIMENTAL LABORATORY – DRY LAB

- 13:45 **Exercise 6 – Extracorporeal Knot Tying**
- Exercise 7 – Gladiator's and Smile's technique**
- Exercise 8 – C-Lopp formation and D-Lop formation**
- Exercise 10 – Simple continuous suturing (Kurschner's suturing)**
- Exercise 12 – Purse String Suturing**

- 16:30 **End of the Course**
Transport (IRCAD – Airports / IRCAD – Hotel)