

PROGRAM

BASIC SUTURE COURSE IN GENERAL SURGERY

FEBRUARY 10th TO 12th 2020



UNIDADE
BARRETOS

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COURSE DIRECTORS

Alexandre C. Santos

Hospital de Amor - Barretos

Rodrigo Chaves Ribeiro

Hospital de Amor - Barretos

Croider F. Lacerda

Americas Medical City, RJ

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

Andre L. Fermino (Barretos/SP)

Cynthia Elizabeth Alcántara Quispe (Barretos/SP)

Croider F. Lacerda (Rio de Janeiro/RJ) *videoconference*

Diego Burgardt (Barretos/SP)

Felipe Daldegan Diniz (Barretos/SP)

José Ciongoli (São Paulo/SP) *videoconference*

Leonardo Machado de Castro (Rio de Janeiro/RJ)

Marco Aurélio Gomes (Itumbiara/GO)

Paulo Bertulucci (Rio de Janeiro/RJ) *videoconference*

Roberto Machado (Barretos/SP)

Monday, February 10th 2020

07.40	Registration	
08.00	Welcoming the participants	Luis Romagnolo

Theoretical Session

Chairpersons: *Alexandre C. Santos / Rodrigo Chaves / José Ciongoli / Cinthia Alcántara*

08:10 (20')	History and Equipment needed for suture (needle-holder, needle-guard, trocars) VLP	José Ciongoli <i>Videoconference</i>
08:30 (20')	Selection of yarns and needles for VLP suture	José Ciongoli <i>videoconference</i>
08:50 (20')	Ergonomics for VLP suture	Cinthia Alcántara
09:10 (30')	Camera men technique VLP suture	Leonardo Castro
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	Roberto Machado
10:45 (20')	Geometry of intra-corporeal suture VLP	Leonardo Castro
11:05 (20')	Basic structure of the surgical knot, classification and suturing techniques	Rodrigo Chaves
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: *Leonardo Castro / José Ciongoli*

08:00 (20')	Sutures in Urology
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

Alexandre C. Santos
Marco Aurélio Gomes
Croider Lacerda
videoconference
Paulo Bertulucci
videoconference
Leonardo Castro

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: *Felipe Daldegan / Rodrigo Chaves / Alexandre C. Santos*

08:00 (20')	Continuous suturing	Alexandre C. Santos
08:20 (20')	Suturing at difficult angles	Croider Lacerda <i>videoconference</i>
08:40 (30')	Complication in laparoscopic surgery	Alexandre C. Santos
09:10 (20')	New technologies in the minimally invasive surgery	Felipe Daldegan
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**
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- 16:30 **End of the Course**
 Transport (IRCAD – Airports / IRCAD – Hotel)