



# Development in Suture Technique Course

May 03<sup>rd</sup> to 05<sup>th</sup>, 2021

## CHAIRMAN

**Henrique Prata**

*President of Fundação Pio XII  
Hospital de Amor - Barretos*

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## COURSE DIRECTORS

**Alexandre C. Santos**

*Hospital de Amor  
Barretos*

**Rodrigo Chaves**

*Hospital de Amor  
Barretos*

**Croider Lacerda\***

*Americas Medical City  
Rio de Janeiro*

## FACULTY / TRAINERS

Cinthia Elizabeth A. Quispe (*Barretos/SP*)

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

Diego Burgardt (*Barretos/SP*)

Eduardo Crema (*Uberaba - MG*)

Felipe Daldegan Diniz (*Barretos/SP*)

José Ciongoli (*São Paulo/SP*)

Leonardo M. de Castro (*Rio de Janeiro/RJ*)

Marcelo Henrique (*Barretos/SP*)

Marco Aurélio Gomes (*Itumbiara/GO*)

Paulo Bertulucci (*Rio de Janeiro/RJ*)

Roberto Machado (*Barretos/SP*)

\*Presentation by videoconference

## COURSE OBJECTIVES

- 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.

## THIS COURSE IS ACCREDITED BY:



*American College of Surgeons*



*World Endoscopy Organization*

## Our partners:



**Medtronic**

**Strattner**



*Check out our society partners and contact our office to check your discount!!*

**Monday, May 03<sup>rd</sup>**

Faculty & Participants Shuttle Bus: Hotel - IRCAD

08:00 am Welcoming the participants

**Alexandre C. Santos / Rodrigo Chaves**

## THEORETICAL SESSION

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

08:10 – 08:30 am Basic structure of the surgical knot, classification and suturing techniques **Rodrigo Chaves**

08:30 – 08:50 am Camera men technique VLP Suture **Leonardo Castro**

08:50 – 09:10 am Ergonomics for VLP suture **Cinthia Alcántara**

09:10 – 09:40 am Geometry of intra-corporeal suture VLP **Leonardo Castro**

09:40 – 10:05 am Discussion and questions

**10:05 – 10:25 am**

*Welcome coffee*

## THEORETICAL SESSION

10:25 – 10:45 am Suture in Urology

**Alexandre C. Santos**

10:45 – 11:25 am Introduction, loading the needle and withdrawal of the needle from the VLP cavity

**Roberto Machado**

11:25 – 12:00 pm Discussion and questions

**12:00 – 12:45 pm**

*Lunch*

12:45 – 01:00 pm Presentation of the exercises in Black Box

**Rodrigo Chaves**

## EXPERIMENTAL LABORATORY – DRY LAB

01:00 – 05:30 pm 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 S=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

05:30 pm Bus shuttle IRCAD-Hotel.

*This programme may be subject to modifications or cancellations for timing reasons*

**Tuesday, May 04<sup>th</sup>**

Faculty & Participants Shuttle Bus: Hotel -IRCAD

## THEORETICAL SESSION

**Chairpersons:** *Leonardo Castro / José Ciongoli*

08:00 – 08:20 am	History and Equipment needed for suture (needle-holder, needle-guard, trocars VLP)Camera men technique VLP Suture	<b>José Ciongoli</b>
08:20 – 08:35 am	Selection of yarns and needles for VLP suture	<b>José Ciongoli</b>
08:35 – 08:50 am	Common mistakes made in intracorporeal suturing	<b>Paulo Bertulucci</b>
08:50 – 09:05 am	Intracorporeal knot tying Szab technique (C-Loop)	<b>Marco Aurélio Gomes</b>
09:05 – 09:20 am	Intracorporeal knot tying (D-Loop)	<b>Leonardo Castro</b>
09:20 – 09:45 am	Discussion and questions	

**09:45 – 10:00 am**      *Coffee break*

## EXPERIMENTAL LABORATORY – DRY LAB

10:00 – 12:00 pm      Exercise 6.1: Intracorporeal Knot Tying - Gladiator technique and Gladiator's Smile

**12:00 – 12:45 pm**      *Lunch*

## EXPERIMENTAL LABORATORY – DRY LAB

12:45 – 05:30 pm      Exercise 7: 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

05:30 pm      Bus shuttle IRCAD-Hotel.

**Wednesday, May 05<sup>th</sup>**

Faculty & Participants Shuttle Bus : Hotel -IRCAD

## THEORETICAL SESSION

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

08:00 – 08:20 am	Continuous suturing	<b>Eduardo Crema</b>
08:20 – 08:40 am	Complication in laparoscopic surgery	<b>Alexandre C. Santos</b>
08:40 – 09:10 am	Suturing at difficult angles	<b>Croider Lacerda</b>
09:10 – 09:30 am	New technologies in the minimally invasive surgery	<b>Felipe Daldegan</b>
09:30 – 09:45 am	Discussion and questions	

**09:45 – 10:00 am**      *Coffee break*

## EXPERIMENTAL LABORATORY – DRY LAB

10:00 – 13:00 pm	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 pm**      *Lunch*

## EXPERIMENTAL LABORATORY – DRY LAB

13:45 – 04:30 pm	Exercise 6.2: Extracorporeal Knot Tying
	Exercise 6.1: Gladiator's and Smile's technique
	Exercise 7/8: C-Loop formation and D-Loop formation
	Exercise 10: Simple continuous suturing (Kurschner's suturing)
	Exercise 12: Purse String Suturing

04:30 pm	End of the course
	Shuttle bus for participants: IRCAD – Hotel
	Shuttle bus for faculty: IRCAD – Hotel

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