

PROGRAM ASUTURE

ADVANCED LAPAROSCOPIC SUTURING

AUGUST 16 - 18, 2018



UNIDADE
RIO DE
JANEIRO

CHAIRMEN

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United Health Group Brazil

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CO-DIRECTOR

Croider Lacerda

Americas Medical City

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Paulo Bertulucci

Americas Medical City

Rio de Janeiro, Brazil

OBJECTIVES

- To cover a broad spectrum of surgical procedures in digestive surgery
- To provide indications for surgical treatment and discuss operative complications
- To highlight technicalities of surgical interventions through the broadcasting of live procedures
- To allow real-time discussion between the operators and the surgeon trainees
- To provide hands-on sessions to improve skills in laparoscopic surgery through practice on live tissue under experts' tutorial
- To describe postoperative clinical results and practical applications of evidence-based clinical medicine

EDUCATIONAL METHODS

- Interactive theoretical and video sessions between faculty and course participants

FACULTY / TRAINERS (À CONFIRMAR)

First Day – August 16th - Thursday

07:10 (35 minutes)	Faculty and Participants Shuttle Bus: Hotels – IRCAD Rio	
07:45 (15 minutes)	Check in	
08:00 (05 minutes)	Welcome to participants	<i>C. Lacerda</i>

MODULE 1 - KNOT AND SEMI-KNOT ANATOMY

CHAIRMAN: CROIDER LACERDA, JOSE CIONGOLI E PAULO JIQUIRICA

THEORETICAL SESSION – AUDITORIUM IRCAD RIO

08:05 – 08:10 (05 minutes)	Course presentation	<i>C. Lacerda</i>
08:10 – 08:25 (15 minutes)	Equipment needed for laparoscopic suture	<i>C. Lacerda</i>
08:25 – 08:40 (15 minutes)	Geometry of intracorporeal suture	<i>P. Bertulucci</i>
08:40 – 09:00 (20 minutes)	Introduction, presentation and needle removal	<i>D. Benevenuto</i>

MODULE 1 – KNOT AND SEMI-KNOT ANATOMY

PRACTICAL SESSION – LABORATORY IRCAD RIO

09:00 – 09:40 (40 minutes)	Exercise 1.1 - Needle and needle holder presentation	<i>All Faculty</i>
09:40 – 10:00 (20 minutes)	Exercise 1.2 - Simple transfixation of tissue	<i>All Faculty</i>
10:00 – 10:20 Coffee Break		
10:20 – 10:40 (20 minutes)	Exercise 1.3 - Clockwise and Counter Clockwise	<i>All Faculty</i>
10:40 – 11:00 (20 minutes)	Exercise 1.4 - Forehand and Backhand	<i>All Faculty</i>
11:00 – 11:15 (15 minutes)	<i>Class - Intracorporeal Node (Fast C – Loop Technique)</i>	<i>D. Benevenuto</i>
11:15 – 12:00 (45 minutes)	Exercise 2 - Intracorporeal Node (Fast C – Loop Technique)	<i>All Faculty</i>
12:00 – 12:15 (15 minutes)	<i>Class - Intracorporeal Node (Fast D – Loop Technique)</i>	<i>C. Lacerda</i>
12:15 – 13:00 (45 minutes)	Exercise 3 - Intracorporeal Node (Fast D – Loop Technique)	<i>All Faculty</i>
13:00 – 14:00 Lunch at the Institute		

MODULE 2 – CONTINUOUS SUTURE

PRACTICAL SESSION – LABORATORY IRCAD RIO

14:00 – 14:15 (15 minutes)	Continuous suture	<i>C. Lacerda</i>
14:15 – 14:30 (15 minutes)	Exercise 4.1 - Simple continuous suture with 4 movements	<i>All Faculty</i>
14:30 – 14:45 (15 minutes)	Exercise 4.2 - Schimieden's or Bell's continuous suture	<i>All Faculty</i>
14:45 – 15:00 (15 minutes)	Exercise 4.3 - Kurschner's continuous suture	<i>All Faculty</i>
15:00 – 15:15 (15 minutes)	Exercise 4.4 - Complete continuous suture	<i>All Faculty</i>
15:15 – 15:30 Coffee Break		

MODULE 3 – LATERAL AND PARALLEL SUTURE

PRACTICAL SESSION – LABORATORY IRCAD RIO

15:30 – 15:50 (20 minutes)	<i>Class – Lateral Suture</i> Lateral Suture demonstration – Black Box	<i>M. Vieira</i>
15:50 – 16:10 (20 minutes)	Exercise 5.1 - Lateral Suture (Simple knot)	<i>All Faculty</i>
16:10 – 16:30 (20 minutes)	Exercise 5.2 - Lateral Suture (Continuous)	<i>All Faculty</i>
16:30 – 16:50 (20 minutes)	<i>Class – Parallel Suture</i> Parallel Suture demonstration – Black Box	<i>L. Castro</i>
16:50 – 17:10 (20 minutes)	Exercise 6.1 - Parallel Suture (Simple knot)	<i>All Faculty</i>
17:10 – 17:30 (20 minutes)	Exercise 6.2 - Parallel Suture (Continuous)	<i>All Faculty</i>
17:30 End of the First Day		

Second Day – August 17th – Friday

07:10 (50 minutes)	Faculty and Participants Shuttle Bus: Hotels – IRCAD Rio	
08:00 (10 minutes)	Welcome to the participants	<i>C. Lacerda</i>

MODULE 4 - INTRACORPOREAL, GASTROINTESTINAL AND URO-GYNECOLOGICAL

THEORETICAL SESSION – AUDITORIUM IRCAD RIO

08:10 – 08:35 (25 minutes)	Knot and VLP suture in esophageal and stomach surgery	<i>P. Bertulucci</i>
08:35 – 09:00 (25 minutes)	Knot and VLP suture in bariatric surgery	<i>L. Alfredo</i>
09:00 – 09:20 (20 minutes)	Knot and VLP suture in surgery of the liver, bile ducts, pancreas and spleen	<i>C. Lacerda</i>
09:20 – 09:40 (20 minutes)	Knot and VLP suture in coloproctologic surgery	<i>D. Benevenuto</i>
09:40 – 10:00 Coffee Break		
10:00 – 10:20 (20 minutes)	Knot and VLP suture (parallel) in Single-Port and TEO	<i>L. Castro</i>
10:20 – 10:40 (20 minutes)	Knot and VLP suture in urologic surgery	<i>C. Braga</i>
10:40 – 11:00 (20 minutes)	Knot and VLP suture in gynecological surgery	<i>M. Vieira</i>
11:00 – 11:30 (30 minutes)	Knot and VLP vascular suture	<i>M. Kendric</i> <i>Mayo Clinic</i> <i>Rochester USA</i> <i>video conference</i>
11:30 – 11:55 (25 minutes)	Knot and VLP suture in Hernias and Abdominal Wall	<i>Heitor</i>
11:55 – 12:00 (05 minutes)	Synthetic Tissue Exercise introduction	<i>C. Lacerda</i>
12:00 – 13:00 Lunch at the Institute		

MODULE 5 - GASTROINTESTINAL AND URO-GYNECOLOGICAL ANASTOMOSIS

PRACTICAL SESSION – AUDITORIUM IRCAD RIO

Station & Trainer	Urology	Gynecology	Colon and Rectum (TEO)	General Surgery and Abdominal Wall (hernias)	Bariatric (Stomach and Esophagus)	HPB
	C. Fraga	M. Vieira	D. Benevenuto L. Castro	Heitor	P. Bertulucci L. Alfredo	C. Lacerda
13:00 – 13:50 (Exercise 7 – 1 Hour)	Simple vascular ligation	Simple vascular ligation	Simple vascular ligation	Simple vascular ligation	Gastric Pouch	Simple vascular ligation
13:50 – 14:40 (Exercise 8 – 1 Hour)	Anastomosis ureter-ureter	Closure of uterine cervix	Collo-colic anastomosis (manual L-L)	Abdominal wall suture	Entero-entero anastomosis L-L	Entero-entero anastomosis I-I
14:40 – 15:30 (Exercise 9 – 1 Hour)	Anastomosis of the urethra-bladder	Anastomosis ureter-ureter	Whole-anastomosis	Whole-Anastomosis L-L	Gastric Pouch	Pancreatojejunal
15:20 – 16:00 Open Coffee Break						
15:30 – 16:20 (Exercise 10 – 1 Hour)	Entero-entero anastomosis L-L	Entero-entero anastomosis L-L	TEO - Simple Knot	Gastroenteroanastomosis	Entero-entero anastomosis L-L	Gastroenteroanastomosis
16:20 – 17:10 (Exercise 11 – 1 Hour)	Ureter-bladder anastomosis	Uterine wall synthesis	TEO - Continuous Suture	Kher Drain	Suture in pouch	Pancreas U-Suture
17:10 End of the Second Day						

Third Day – August 18th – Saturday

07:10 (50 minutes)	Faculty and Participants Shuttle Bus: Hotels – IRCAD Rio	
08:00 (10 minutes)	Welcome to the participants	<i>C. Lacerda</i>
08:10 – 08:30 (20 minutes)	Presentation of exercises	<i>C. Lacerda</i>

MODULE 6 – GASTROINTESTINAL AND URO-GYNECOLOGICAL ANASTOMOSIS

PRACTICAL SESSION – AUDITORIUM IRCAD RIO

Station & Trainer	Urology	Gynecology	Colon and Rectum (TEO)	General Surgery and Abdominal Wall (hernias)	Bariatric (Stomach and Esophagus)	HPB
	C. Fraga	M. Vieira	D. Benevenuto L. Castro	Heitor	P. Bertulucci L. Alfredo	P. Bertulucci
08:30 – 09:30 (Exercise 8 – 1 Hour)	Simple and venous vascular ligation	Simple and venous vascular ligation	Simple and venous vascular ligation	Kher Drain	Sleeve	Simple and venous vascular ligation (left and splenic epiploic vessels)
09:30 – 10:30 (Exercise 9 – 1 Hour)	Partial Nephrectomy	Bladder ureter implantation	Collo-colic anastomosis (L-L) manual	Cholecystectomy	By pass	Pan-reticular U-Suture
10:30 – 11:00 Coffee Break						
11:00 – 12:00 (Exercise 10 – 1 Hour)	Anastomosis ureter-ureter	Anastomosis ureter-ureter	Collo-colic anastomosis (L-L with stapler)	Nissen	Whole-anastomosis L-L	Pancreatojejunal
12:00 – 13:00 (Exercise 11 – 1 Hour)	Anastomosis of the urethra-bladder	Bladder raffia	Entero-colic Anastomosis L-L	Gastroenteroanastomosis	Gastroenteroanastomosis (manual)	Kher Drain (T Drain)
13:00 – 14:00 Lunch at the Institute						
13:00 – 14:00 (Exercise 12 – 1 Hour)	Anastomose de ureter-bexiga		Entero-entero anastomosis	Entero-entero anastomosis	Gastroenteroanastomosis (Stapler)	Gastroenteroanastomose
14:00 – 15:00 (Exercise 13 – 1 Hour)	Entero-entero anastomosis		TEO - Simple knot	Vascular ligation (splenectomy)	Gastroenteroanastomosis (Stapler)	Bilodigestive Anastomosis
15:00 – 16:00 (Exercise 14 – 1 Hour)			TEO - Continuous Suture	TAPP		Entero-entero anastomosis I-I e T-T
16:00 – 17:00 (Exercise 15 – 1 Hour)			Retosigmoidectomy (manual or circular anastomosis)	Hernia Wall Suture		Hepatectomy II and III
17:00 End of the Course Deliver of Certificates						