

# PROGRAMME

## INTENSIVE LAPAROSCOPIC SUTURE COURSE

MARCH 19-21, 2018



### CHAIRMAN

**Henrique Prata**

*Director General*

*Hospital de Amor (Barretos Cancer Hospital)*

### PRESIDENT

**Jacques Marescaux**

*President, IRCAD*

*University of Strasbourg, France*

### DIRECTOR

**Armando Melani**

*Cientific Director*

*Ircad Latin America*

### COURSE DIRECTOR

**Armando Romeo**

*Director Training & Educational KS*

### OBJECTIVES

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- To provide the basic knowledge required for clinical applications
- Hands-on training sessions to learn or improve performance of basic technical tasks in laparoscopic surgery such as intra-corporeal suturing and knots tying techniques, two-hands co-ordination for dissection, safe use of energy in laparoscopy

### EDUCATIONAL METHODS

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- Interactive theoretical and video sessions between faculty and course participants
- Live and pre-recorded operative demonstrations

### FACULTY

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ARMANDO ROMEO  
ALEXANDRE COSME DO AMARAL  
BEATRIZ TALIBERTI DA COSTA PORTO  
CAMILA AMORIM  
CLAUDIA LIMA ROCHA  
ELIO JOSE FREISLEBEN  
FELIPE DE ALMEIDA E PAULA  
FERNANDA VIEIRA LINS ARCOVERDE  
KATHIANE LUSTOSA AUGUSTO  
LEONARDO ROBSON BEZERRA  
LUCIANA SABOYA DAL COL  
MARIANA DA CUNHA VIEIRA  
MARTA KEMP  
MAYRA NAKANO  
MILEIDE MARIA A. SOUZA  
RAYSSA DIORIO  
ROBERTA LAGES DAS MERCES  
TATIANA COLOMBARI  
TATIANA MAGALHÃES AGUIAR  
YERAY TRUJILLO LOLI

### TRAINEE

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GABRIELLI TIGRE CUNHA  
LUCIA VASCONCELOS  
MONIZE PAES LEME  
RAMIRO CABRERA  
RAQUEL REIS MAGALHÃES  
SIDNÉA MACIOCI CUNHA  
TATIANE CAMPOS

## Monday, 19<sup>th</sup> March

**Participants Shuttle Bus : Hotel – IRCAD**

**Faculty Shuttle Bus : Hotel – IRCAD**

9.00 am Welcome to participants *Armando Romeo*

### THEORETICAL SESSION

Chairmen : Leonardo Robson Bezerra

9.05 am *The blocking sequences : safe ,unsafe and dangerous knots* *Armando Romeo*

10:35 am *The working station in or Equipement Overview* *Beatriz Costa Porto*

11:05 am *Suture in Laparoscopic Gynecologic: Surgery and Educational Experience* *Kathiane Lustosa*

11.30 am Coffee Break

11.45 am *Suture in urology, Anastomosis and reimplantation of ureter: suggestions* *Luciana Saboya*

12:15 am *Endometriosis: gynecological pathology or multidisciplinary surgery?* *Alexandre Cosme do Amaral*

1.00 – 1:45 pm Lunch

### EXPERIMENTAL LABORATORY – DRY LAB

2.00 pm *Suturing Training -Hands On* *All faculty*  
*Excercises on ETX lap 2 Pelvic Trainer*  
*Cold Dissection of omentum's adhesions and peritoneal tissue*  
*Performance of the Gladiator Rule above the Horizon(clockwise movement) from righth trocar access with needleholder in a right hand*  
*Performance of the Gladiator Rule Horizon under the Horizon (counterclockwise movement) from righth trocar access with needleholder in a right hand*  
*Performance of the Gladiator Rule in Central Trocar to perform clockwise and counterclockwise difficult knot-tying with needleholder in suprapubic position.*  
*Intracorporeal Knot-tying sequence combination:surgical knot*  
*The surgical knot the three movements to avoid the sliding of the knots.*  
*The role of the "square knot" stable and no-stable configuration*

5.30 pm End of the session  
**Participants and Faculty Shuttle Bus : IRCAD – Hotel**

## Tuesday, 20<sup>th</sup> March

**Participants Shuttle Bus :** Hotel – IRCAD

**Faculty Shuttle Bus :** Hotel – IRCAD

### THEORETICAL SESSION

Chairmen: Kathiane Lustosa

9.00 am	<i>The Stitch:</i> <i>The Theory of the Perfect Stitch and the Ideal Knotting Technique: The Gladiator Rule</i> <i>The axes, plan and angles of suture and their parallel geometric ideal combination.</i>	Armando Romeo
9.30 am	<i>Needle introduction and</i> <i>Loading of the needle on the needleholder directly</i> <i>Orientation, Fine Tuning of the needle Direction</i> <i>Change of Orientation and direction of the needle</i> <i>Recharge of the needle</i>	Claudia Lima Rocha
10.00 am	<i>Suture in Radical prostatectomy: robot or laparoscopy?</i>	Felipe De Almeida E Paula

### **10.30 am Coffee Break**

11.00 am	<i>Energy in the OR</i>	Armando Romeo
12.15 pm	<i>Gladiator's Rule in General Surgery: Experience of courses at National University of San Marcos of Lima – Peru</i>	Yeray Trujillo Loli

### **1.00 pm Lunch**

### **EXPERIMENTAL LABORATORY – DRY LAB**

1.45 pm	<i>Loading techniques of the needle on the needleholder</i> <i>First and second levels adjustments of the needle</i> <i>Direction, Versus and Orientation of the needle respect to the F axe of the tissue</i> <i>Easy Stitches (P axe parallel to the F axe and the T plan of the needle perpendicular to both (F and P) axes: Perfect direct and reverse Stitches in the right hand dominant</i> <i>Easy Stitches with left hand</i> <i>Vertical Stitches (F axe vertical) Right Hand in central trocar access</i> <i>Difficult Stitches with limited angles and extreme loadings of the needle : the “Mandatory” use of the Left Hand-</i>	All faculty
3.00 pm	<i>The role of Half Hitch (semichave)</i> <i>The Blocking sequences mono e bimanual</i> <i>The multiangle Wheel - Training with both hands and very difficult stitches. and the basic perfect Blocking sequences triple -doble doble -doble -demicle-demicle</i> <i>All demicle combinations!</i>	All faculty
5.30 pm	End of the session <b>Participants and Faculty Shuttle Bus :</b> IRCAD – Hotel	

## Wednesday, 21<sup>th</sup> March

**Participants Shuttle Bus :** Hotel – IRCAD

**Faculty Shuttle Bus :** Hotel – IRCAD

### THEORETICAL SESSION

*Chairmen: Mariana da Cunha Vieira*

9.00 am *Pig Anatomy* *Armando Romeo*

**9.40 am Coffee Break**

### EXPERIMENTAL LABORATORY – Practice on Live Tissue

10.00 am *Animal Live surgery* *Armando Romeo*  
*Dissection-Energy and Suturing techniques*

**12.00 pm Lunch**

### EXPERIMENTAL LABORATORY – Practice on Live Tissue

12.45 pm *Extra corporeal Knots* *All faculty*  
*Vessels dissection and suture ligation*  
*Bowel preparation with ligasure*  
*Gastrointestinal anastomosis*  
*Vascular, Ureter repair*  
*Bladder Suture*  
*Total Nephrectomy*  
*Fundoplicatio Nissen*  
*Splenectomy*  
*The last three procedure will be perform accordanding to the time and skill  
of partecipants*

4.45 pm *End of the course*  
*Delivery of the certificates of attendance*

5.00 pm **Participants and Faculty Shuttle Bus :** IRCAD – Airports and  
IRCAD – Hotel