

# PROGRAMA

## RESPIRATION IN ANESTHESIA AND IN INTENSIVE CARE: FROM AIRWAY MANAGEMENT TO CELLULAR RESPIRATION

MARCH, 20<sup>TH</sup> TO 21<sup>ST</sup> 2020



UNIDADE  
BARRETOS

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*University of Strasbourg, France*

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**Cristina Prata AMENDOLA**  
*Hospital de Amor Barretos*  
**Neusa ONARI**  
*Hospital de Amor Barretos*  
**Luciana Coelho SANCHES**  
*Hospital de Amor Barretos*  
**João Manoel SILVA Junior**  
*HSPE/IAMSPE, HIAE, ICHCFMUSP e  
Hospital de Amor Barretos*

## OBJECTIVES

- To provide extensive information concerning the various aspects of respiration in anesthesia and intensive care
- To cover technical and pathophysiological topics
- To allow participants to closely interact with world-renowned experts
- To present new technologies on living animal models
- To allow for training with new devices related to respiration
- To train on mannequins and computer simulation software

## EDUCATIONAL METHODS

- Interactive theoretical and video sessions between faculty and course participants

## INVITED FACULTY

ALDEMAR KIMURA JUNIOR  
ALEXANDRE ÍSOLA  
AMANDA M. RIBAS R. DE OLIVEIRA  
ANDRE LUIS CASALE  
ARTHUR ANDRAUS D. PRADO  
CARMEN VALENTE BARBAS  
CESAR SILVA  
CRISTINA PRATA AMENDOLA  
DANIEL M. GRAZIA DA SILVA  
ENIS DONIZETTI SILVA  
FABRÍCIO DE SOUZA MISHIMA  
FELIPE CAMPOS  
GUSTAVO JANOT  
JOÃO MANOEL SILVA JUNIOR  
JORGE LUIS DA SILVA  
JORGE LUIS VALIATTI  
KATIE RACHEL COSTA

KLAUS TORP (USA)  
LAIS SILVA SISCONETTO  
LEANDRO BERTINI MONTENERI  
LUCIANA COELHO SANCHES  
LUIS FERNANDO COLLA DA SILVA  
LUIS HENRIQUE SIMÕES COVELLO  
MARCUS FERREZ  
MARINA MARTINS A. VALADARES MILANI  
NEUSA TSUGUIE ONARI  
NEYMAR ELIAS DE OLIVEIRA  
PEDRO HILTON DE ANDRADE FILHO  
RAMON AGUIAR ROLIM  
ROMULO GUERRA GUIMARÃES  
SAMIR HASSAN KHATIB  
TALISON SILAS PEREIRA  
TIAGO BERTACINI GONZAGA

Friday, March 20<sup>th</sup> 2020

## MORNING

- 08.00 Registration
- 08.20 Welcome to participants - Introduction

## THEORETICAL SESSION

08.30 – 08.50	Optimal ventilator setting in the OR and the ICU <i>Discussion (10 min)</i>	K. Torp
09.00 – 09.20	High-flow: <i>what we have learned so far...</i> <i>Discussion (10 min)</i>	A. Isola
09.30 – 09.50	High-flow in the OR and the ICU – THRIVE <i>Discussion (10 min)</i>	C. Valente
10.00 – 10.20	ECMO Applications in Acute Respiratory Failure <i>Discussion (10 min)</i>	G. Janot
10.30 – 10.50	<b>Coffee Break</b>	
10.50 – 11.10	Guidelines for Management of the Difficult Airway <i>Discussion (10 min)</i>	K. Torp
11.20 – 11.40	CO <sub>2</sub> : Capnography beyond the OR <i>Discussion (10 min)</i>	T. Bertacini
11.50 – 12.10	Combined Technique using videolaryngoscopy: What are we doing in practice? <i>Discussion (10 min)</i>	TBD
12.20 – 12.35	Practical Applications of Bioimpedance <i>Discussion (5 min)</i>	J. Valiatti
12.40 – 13.20	Clinical Case Discussion: Difficult Airway	F. Michima and A. Casale
13.20 – 14.05	<b>Lunch</b>	
14.05 – 14.15	Difficult Airway - Special material handling	B. Bonatelli
14.15 – 14.30	Description of aims & methods of the hands-on session Laboratory rules	N. Onari / E. Belmonte

Friday, March 20<sup>th</sup> 2020

**AFTERNOON**
**PRACTICAL SESSION IN EXPERIMENTAL LABORATORY**

14.30

Workshops are run in parallel. Participants will have access to all workshops during the 2 days

WORKSHOP	TITLE	WORKSHOP TUTORS
<b>A</b>	Anesthesia and ICU ventilator setting – Heart-lung interaction	Alexandre Ísola João Manoel Silva Junior Jorge Luis Valiatti Neymar Elias Oliveira Luis Fernando Colla da Silva
<b>B</b>	Selective intubation	André Casale, Marina Martins A. V. Milani.
<b>C</b>	Capnography – CO <sub>2</sub> monitoring	Cesar Silva e <i>André Brocca</i>
<b>D</b>	Combined approach for difficult intubation: videolaryngoscopy & fiberoptic bronchoscopy	Alessandra Levy Antoniazzi, Fabricio Mishima e Katie Rachel Costa
<b>E</b>	Fast Echo – Pneumothorax	Leandro Bertini Monteneri, Luis Henrique Simões Covello, Romulo Guerra Guimarães e Samir Hassan Khatib
<b>F</b>	US guidance for airway management: human model	Daniel M. Grazia Da Silva, Pedro Hilton de Andrade Filho, Talison Silas Pereira e Tiago Bertacini Gonzaga
	US guidance for airway management: Pig model and trial	
<b>G</b>	Surgical airway: transtracheal approach & tracheoscopic control	Klaus Torp Arthur Andraus D. Prado, Lais Silva Sisconetto, Amanda Ribas R. de Oliveira e Ramon Aguiar Rolim
<b>H</b>	ECMO Demonstration	Gustavo Janot, Jorge Silva e Alexandre Andrade
<b>I</b>	Oxygen therapy solution	Carmen Valente, Felipe Campos e Luciana Coelho Sanches.

18.00

*End of the session*
**Participants Shuttle Bus:** IRCAD – Hotel

**Faculty Shuttle Bus:** IRCAD – Hotel

Saturday, March 21<sup>st</sup> 2020

## MORNING

08.00 Welcome to participants

### THEORETICAL SESSION

08.10 – 08.30	Pediatric airway management <i>Discussion (10 min)</i>	TBD
08.40 – 09.00	Identifying the patient with difficult airway <i>Discussion (10 min)</i>	A. Casale
09.10 – 09.30	How to optimize perioperative oxygenation? <i>Discussion (10 min)</i>	N. Onari
09.40 – 10.00	Lung Ultrasound <i>Discussion (10 min)</i>	M. Ferez
10.10 – 10.30	Ultrasound: applications in airway management <i>Discussion (10 min)</i>	T. Pereira
10.40 – 11.00	<b>Coffee Break</b>	
11.00 – 11.20	Ventilator in OR: particular setting Morbid obesity <i>Discussion (10 min)</i>	E. Donizetti
11.30 – 11.50	Mechanical Ventilation Monitoring in the ICU – <i>State of Art</i> <i>Discussion (10 min)</i>	A. Isola
12.00 – 12.20	Assessment of Tissue Perfusion: What's new? <i>Discussion (10 min)</i>	E. Donizetti
12.30 – 12.50	Advanced Modes in Mechanical Ventilation: Practical Application <i>Discussion (10 min)</i>	C. Valente
13.00 – 13.40	Clinical Case Discussion: Perioperative optimization - what time? (pre / intra / post)	J. Manoel, J. Valiatti and N. Oliveira

13.40 – 14.25 **Lunch**

Saturday, March 21<sup>st</sup> 2020

## AFTERNOON

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<b>I</b>	Oxygen therapy solution	Carmen Valente, Felipe Campos e Luciana Coelho Sanches.

17.00 *End of the course*  
*Delivery of the certificates of attendance*

**Participantes & Faculty Shuttle Bus:** IRCAD – Hotel