

PROGRAMA

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

MARCH, 20TH TO 21ST 2020



UNIDADE
BARRETOS

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(Barretos Cancer Hospital)
Barretos, Brazil*

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Hospital de Amor Barretos
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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

ALESSANDRA LEVY ANTONIAZZI
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
FLÁVIO FERREIRA MELO JR
GUSTAVO JANOT
JOÃO MANOEL SILVA JUNIOR
JORGE LUIS DA SILVA
JORGE LUIS VALIATTI
JULIANA ESTIMA RISSI POLVERINI

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
MAURICIO DO AMARAL NETO
NEUSA TSUGUIE ONARI
NEYMAR ELIAS DE OLIVEIRA
PEDRO HILTON DE ANDRADE FILHO
ROMULO GUERRA GUIMARÃES
SAMIR HASSAN KHATIB
TALISON SILAS PEREIRA
TIAGO BERTACINI GONZAGA

Friday, March 20th 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 | Coffee Break | |
| 10.50 – 11.10 | Guidelines for Management of the Difficult Airway
<i>Discussion (10 min)</i> | K. Torp |
| 11.20 – 11.40 | Fibroscopy and/or bronchoscopy in Airway management
<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> | J. M. Silva |
| 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 | Lunch | |
| 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 20th 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
A	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	Selective intubation	Mauricio do Amaral Neto, Marina Martins A. V. Milani e André Luís Casale
C	Capnography – CO ₂ monitoring	Cesar Silva e André Brocca
D	Combined approach for difficult intubation: videolaryngoscopy & fiberoptic bronchoscopy	Alessandra Levy Antoniazzi, Fabricio Mishima, Katie Rachel Costa e Juliana Estima Rissi Polverini
E	Fast Echo – Pneumothorax	Flávio Ferreira Melo Junior, Luis Henrique Simões Covello, Romulo Guerra Guimarães e Samir Hassan Khatib
F	US guidance for airway management: human model	Daniel M. Grazia Da Silva, Pedro Hilton de Andrade Filho, Talisson Silas Pereira e Tiago Bertacini Gonzaga
	US guidance for airway management: Pig model and trial	
G	Surgical airway: transtracheal approach & tracheoscopic control	Arthur Andraus D. Prado, Leandro Bertini Monteneri, Lais Silva Siconetto e Amanda Ribas R. de Oliveira
H	ECMO Demonstration	Gustavo Janot, Jorge Silva e Alexandre Andrade
I	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 21st 2020

MORNING

08.00 Welcome to participants

THEORETICAL SESSION

08.10 – 08.30	Pediatric airway management <i>Discussion (10 min)</i>	A. Levy
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	Coffee Break	
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 21st 2020

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 17.00 *End of the course*
Delivery of the certificates of attendance
Participantes & Faculty Shuttle Bus: IRCAD – Hotel