



# 9TH INTERNATIONAL SYMPOSIUM ON THE PEDIATRIC AIRWAY

12 JUNE 2019  
14 JUNE 2019

CAMPUS BIOTECH - GENEVA SWITZERLAND



Endorsed by



## CONFERENCE LEARNING OBJECTIVES

- Strengthen collaborative care and share knowledge between different specialties (Anesthesiologists, ENT surgeons, Intensivists, Neonatologists, Pneumologists and Radiologists) involved in the pediatric airway management in order to improve patient outcome.
- Have a better understanding of the evolving techniques and equipment in pediatric airway management in order to improve clinical care.
- Identify the challenges raised by the difficult pediatric airways and learn about the tips and tricks and the best strategies to master these challenges.
- Appreciation of the surgical specificities and the rationale behind the implementation of the different targeted anesthetic strategies to meet the surgical needs.

## SCIENTIFIC COMMITTEE

Prof Thomas Erb, Basel  
 Prof Walid Habre, Geneva  
 Prof Markus Weiss, Zurich  
 Prof Jennifer Zieg, Denver  
 Prof John Fiadjoe, Philadelphia  
 Prof Peggy Kelley, Denver  
 Prof David Polaner, Denver  
 Prof Judit Szolnoki, Las Vegas

## ACCREDITATION

The ISPA 2019 has been accredited by the Swiss Society of Anesthesia and Intensive Care (SGAR/SSAR) to provide 20 CME credits.

## REGISTRATION

**Early bird (before May 1<sup>st</sup>, 2019)**  
 250 CHF for 2.5 days

**Late registration**  
 300 CHF

**Workshops**  
 30 CHF each

**High fidelity simulation**  
 50 CHF, limited attendance

## FACULTY

<b>Sam Bayat</b> , France	<b>Richard Ohye</b> , USA
<b>Karin Becke</b> , Germany	<b>Ferenc Petak</b> , Hungary
<b>Tendy Chiang</b> , USA	<b>David Polaner</b> , USA
<b>Nicola Disma</b> , Italy	<b>Jeremy Prager</b> , USA
<b>Mirko Dolci</b> , Switzerland	<b>Peter Rimensberger</b> , Switzerland
<b>Thomas Engelhardt</b> , United Kingdom	<b>Thomas Riva</b> , Switzerland
<b>Thomas Erb</b> , Switzerland	<b>Sonja Saudan</b> , Switzerland
<b>John Fiadjoe</b> , USA	<b>Georges Savoldelli</b> , Switzerland
<b>Robert Greif</b> , Switzerland	<b>Patrick Schoettker</b> , Switzerland
<b>Jürg Hammer</b> , Switzerland	<b>Judit Szolnoki</b> , USA
<b>Luv Javia</b> , USA	<b>Daniel Trachsel</b> , Switzerland
<b>Eva-Maria Jordi</b> , Switzerland	<b>Francis Veyckemans</b> , Belgium
<b>Jacob Karlsson</b> , Sweden	<b>Markus Weiss</b> , Switzerland
<b>Peggy Kelley</b> , USA	<b>Nadya Yousef</b> , France
<b>Janet Lioy</b> , USA	<b>Jennifer Zieg</b> , USA
<b>Clyde Matava</b> , Canada	
<b>Viviane Nasr</b> , USA	

## SPONSORS



## HOW TO REGISTER:

**BANK TRANSFER**  
 PostFinance SA, Mingerstrasse 20, CH-3030 Bern

**HOLDER**  
 University of Geneva

**COMMUNICATION**  
 ISPA 2019

**IBAN**  
 CH3809000000120070039

**SWIFT CODE OR BIC**  
 POFICHBEXXX

**CREDIT CARD**  
**LOG TO:** <https://www.unige.ch/medecine/ISPA2019>

+ send an e-mail to: [ispa19@hcuge.ch](mailto:ispa19@hcuge.ch)

## MAIN SYMPOSIA

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### WEDNESDAY 12 JUNE 2019

- 13:00-14:00 Registration - Welcome
- 14:00-15:30 **Comprehensive Updates on Practices**  
PediReg (*J. Fiadjoe*)  
Apricot (*T. Engelhardt*)  
Nectarine (*N. Disma*)
- 15:30-16:00 Coffee Break
- 16:00-17:30 **Teaching Paediatric Airway Management**  
Teaching Paediatric Airway Management: what is the minimum level of expertise (*D. Polaner*)  
The role of high fidelity simulation for teaching (*T. Greif*)  
Emotional errors in airway management (*J. Fiadjoe*)

### THURSDAY 13 JUNE 2019

- 08:00-09:30 **High Flow Nasal Therapy**  
What is the rationale behind it (*S. Bayat*)  
THRIVE in paediatric ICU and Anaesthesia (*T. Riva*)  
HFNT for ventilation weaning (*P. Rimensberger*)
- 09:30-10:15 **GUEST lecture: Airway reconstruction**  
(*L. Javia*)
- 10:15-10:45 Coffee Break
- 10:45-12:15 **Acquired and Congenital anomalies of the airways**  
Airways in Congenital Heart Defects (*V. Nasr*)  
Airways in the obese child (*J. Szolnoki*)  
Airways in the presence of Deep neck abscess (*P. Kelley*)
- 12:30-13:30 Lunch
- 13:30-15:00 **Clinical Assessment of airway obstruction**  
Implication of airway obstruction on lung mechanics in children during spontaneous breathing (*J. Hammer*)  
Monitoring of airway patency in spontaneous breathing patients (*T. Erb*)  
Oxygenation/Ventilation in children undergoing diagnostic airway evaluation (*D. Trachsel*)

- 15:00-15:30 Coffee Break
- 15:30-17:15 **Multiple faces of Tracheobronchomalacia**  
3-D Printed Airways Splints for Tracheobronchomalacia (*R. Ohye*)  
New surgical approaches in tracheopexy (*J. Prager*)  
Dynamic airway imaging (*T. Chiang*)
- 17:15-19:00 Reception with Swiss wine

### FRIDAY 14 JUNE 2019

- 08:00-09:30 **Challenges with the extubation**  
(Critical) Assessment of Extubation criteria / Extubation failure (*F. Veyckemans*)  
Extubation of the child with difficult airway in the ICU setting (*J. Hammer*)  
Appraisal of Extubation support tools (*P. Schoettker*)
- 09:30-10:15 **Hot topic lecture**  
Artificial Intelligence and Pediatric Airway Management - Scoping the future (*C. Matava*)
- 10:15-10:45 Coffee Break
- 10:45-12:15 **Lung ultrasound (US) - Point of care (TBC)**  
The basics of ultrasound in children (*N. Yousef*)  
Value of ultrasound for predicting difficult airway (*P. Schoettker*)  
Optimizing ventilation in children: To US or not to US (*N. Yousef*)
- 12:15-13:00 **The paediatric difficult airway algorithm**  
Panel with TE, DP, JF, ND, JH, MW
- 13:00-14:00 Lunch
- 14:00-15:30 **Paediatric airway devices**  
Use, abuse and misuse of SGA in children (*T. Engelhardt*)  
Debate: Should we always use a videolaryngoscope for the 1st attempt? Pro-Con (*D. Polaner/J. Fiadjoe*)  
Glidescope or C-Mac for facilitating tracheal intubation (*J. Zieg*)
- 15:30-16:00 Coffee Break

- 16:00-17:30 **New trends in Paediatric Airway Management**  
Controlled Rapid Sequence Induction and Intubation in Children (*M. Weiss*)  
Airway emergencies in the NICU: anticipation and management (*J. Lioy*)  
Management of the expected difficult paediatric airway (*K. Becke*)
- 17:30 Closing notes

## WORKSHOPS

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### WEDNESDAY 12 JUNE 2019

- 14:00-15:30 **Hands-On ventilation modes**  
(*S. Bayat + J. Karlsson*)
- 16:00-17:30 **Capnography: how to get the best of it**  
(*F. Petak + J. Karlsson*)

### THURSDAY 13 JUNE 2019

- 08:00-09:30 **Video-Laryngoscopy assisted intubation in children**  
(*P. Schoettker, N. Disma*)
- 10:45-12:30 **FONA in Paediatrics including Ventilation Techniques**  
(*T. Engelhardt + R. Greif + T. Riva*)
- 13:30-15:00 **Emergency Rigid Bronchoscope Intubation**  
(*J. Szolnoki + P. Kelley*)
- 15:30-17:15 **High flow oxygen therapy: Thrive**  
(*T. Riva + J. Karlsson*)

### FRIDAY 14 JUNE 2019

- ALL DAY High fidelity simulation scenario**  
(*M. Dolci + E-M. Jordi + S. Saudan + G. Savoldelli*)
- 08:00-09:30 Session 1
- 11:00-12:30 Session 2
- 14:00-15:30 Session 3
- 16:00-17:30 Session 4

## POSTER PRESENTATIONS

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During lunch breaks