

Centro Formazione Istituto Giannina Gaslini  
Via G. Gaslini 5 - 16147 Genova - Italia  
Provider Regionale Accreditato ECM RFLPV14



Coordinatore: Laura Fornoni

# Gaslini

CENTRO FORMAZIONE



ISTITUTO GIANNINA GASLINI  
ISTITUTO PEDIATRICO  
DI RICOVERO E CURA  
A CARATTERE SCIENTIFICO

## REGISTRATION

The course is open to 100 health professionals.

To register: <https://centroformazione.gaslini.org/evento.php?IDE=311>

Early registration fee € 150,00 (until 30 June 2022), Registration fee € 200,00.

Payment of the registration fee can only be made with bank transfer to:

Istituto Giannina Gaslini, Banca CARIGE – Ag. 58 Genova c/c n. 4632/90

ABI 6175 – CAB 01583 - IBAN IT 43Y061750158300000463290 – CIN Y

In the purpose of the payment please write:

“FORMAZIONE – EPAS 9/10 September - Name of the participant”

Official language of the meeting: English, no simultaneous translation into Italian will be provided.

## VENUE

AC Marriott Hotel\*\*\*\*: <http://it.ac-hotels.com>

c.so Europa, 1075 – 16148 Genova

tel.: + 39 010 3071180 – fax: +39 010 3071275

e-mail: [acgenova@ac-hotels.com](mailto:acgenova@ac-hotels.com)

### Accommodations

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Please advise that you are attending the Symposium to get a discounted rate

## European Paediatric Airway Symposium (EPAS) T-Rex Investigator Meeting

9 – 10 September 2022

AC Hotel Marriot – Genoa, Italy



Scientific Coordinator

**Nicola Disma**

U.O.S.D. Ricerca & Innovazione in Anestesia

IRCCS G. Gaslini, Genova

Scientific Board

**N. Disma, R. Greif, W. Habre, G. Mattioli, A. Moscatelli, T. Riva, M. Sorbello**

Organising Secretariat

Lena Cosulich / Roberta Bertola

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ECMPG12604 - Crediti n. 29

**OBIETTIVO FORMATIVO di PROCESSO n. 3 – Documentazione clinica, percorsi clinico-assistenziali diagnostici e riabilitativi, profili di assistenza – profili di cura**

Accreditamento per: **Medico chirurgo** (discipline: Anestesia e Rianimazione, Medicina e Chirurgia di Accettazione e di Urgenza, Neonatologia, Neurologia, Pediatria)

## Faculty

Arash Afshari	University of Copenhagen, Copenhagen, Denmark
Thomas Barnes	University of Oxford, Oxford, UK
Rachele Bonfiglio	Istituto G. Gaslini, Genoa - Italy
Evelien Cools	Hôpitaux Universitaires Genève, Genève, Switzerland
Gerardo Cortese	University of Turin, Turin, Italy
Roberto D'Agostino	Istituto G. Gaslini, Genoa - Italy
Nicola Disma	Istituto G. Gaslini, Genoa - Italy
Thomas Engelhardt	Montreal Children's Hospital, Montreal, Canada
John Fiadjoe	Boston Children's Hospital, Boston, USA
Nadja Fisler	Inselspital, Bern, Switzerland
Alexander Fuchs	Inselspital, Bern, Switzerland
Peter Frykholm	Uppsala University, Uppsala, Sweden
Annery Garcia-Marcinkiewicz	Children's Hospital of Philadelphia, Philadelphia, USA
Robert Greif	Inselspital, Bern, Switzerland
Walid Habre	Hôpitaux Universitaires Genève, Genève, Switzerland
Tom Hansen	Odense University Hospital, Odense, Denmark
Jacob Karlsson	Karolinska Institute, Stockholm, Sweden
Maren Kleine-Bruggeney	University of Zurich, Switzerland
Andrea Moscatelli	Istituto G. Gaslini, Genoa - Italy
David Polaner	Seattle Children's Hospital, Seattle, USA
Thomas Riedel	Inselspital, Bern, Switzerland
Thomas Riva	Inselspital, Bern, Switzerland
Vincenzo Russotto	University of Turin, Turin, Italy
Oliviero Sacco	Istituto G. Gaslini, Genoa - Italy
Luregn Schlapbach	University Children's Hospital Zurich, Zurich, Switzerland
Paola Serio	Meyer Children's Hospital, Florence, Italy
Massimiliano Sorbello	Policlinico Hospital, Catania, Italy
Michele Torre	Istituto G. Gaslini, Genoa - Italy
Francis Veyckemans	Brussels - Belgium
Nadya Yousef	"A. Bécèle" Medical Center, Paris, France

## Goals

Strengthen collaborative care and share knowledge between different specialties (Anesthesiologists, ENT surgeons, Intensivists, Neonatologists, Pneumologists and Radiologists) involved in the pediatric airway management with the aim 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. Find new areas of collaboration and launch international multicenter trials.

### Endorsed by:



Con il riconoscimento di SIAARTI,  
<https://www.euroespa.com/>



**8.00 Registration and welcome**

8.40 Overview on advancing technologies – G. Mattioli

9.00 Welcome lecture:  
Paediatric airway management. What changed in the last decade - *Walid Habre, Switzerland*

9.30 Teaching airways

- Teach the Airway Teacher (TAT) - *Robert Greif, Switzerland*
- The paediatric anaesthesia curriculum - *Tom Hansen, Denmark*
- Human factors and decision-making process - *Massimiliano Sorbello, Italy*

10.30 Recent Evidences

- Applying checklists for airway management - *Alex Fuchs, Switzerland*
- The ESAIC-BJA guidelines on airways - *Arash Afshari, Denmark*
- Relevant findings from the INTUBE study - *Vincenzo Russotto, Italy*

11.30 Oxygen

- Physics behind HFNO - *Thomas Barnes, UK (virtual)*
- HFNO from spontaneous ventilation to apneic oxygenation - *Thomas Riva, Switzerland*
- High flow use in children in ICU and PACU - *Luregn Schlappbach, Switzerland (virtual)*

12.30 – 13.30 Lunch

13.30 -15.00 **Workshops** (30 mins each, repeated 3 times)

- Video-Laryngoscopy assisted intubation in children – *Gran Forum A – ground floor*
- Flexible and rigid bronchoscopy intubation - *Gran Forum A – ground floor*
- One lung ventilation and lung separation – *Gran Forum A – ground floor*
- Application of HFNO – *Gran Forum B – 6 floor*
- FONA in Paediatrics – *Forum C – 6 floor*
- Airway and Lung Ultrasound - *Forum C – 6 floor*

15.00 Preventing complications

- Difficult airway visual aids – beyond the algorithm - *Peter Frykholm, Sweden*
- The rapid sequence intubation - *Evelien Cools, Switzerland*
- How and when to perform intubation in spontaneous ventilation? - *Annery Garcia-Marcinkiewicz, USA*

16.00 Drugs

- Neuromuscular drugs - *Annery Garcia-Marcinkiewicz, USA*
- Inhalational vs intravenous induction – *Francis Veyckemans, Belgium*
- Usefulness of monitoring of NMBA - *Jost Kaufmann, Germany (virtual)*

17.00 Closing lecture

- Extubation plan. What should be done - *David Polaner, USA*

19.30 *Social Dinner – Palazzo Tobia Pallavicino - Camera di Commercio – Via Garibaldi 4*

08.30 Acquired and Congenital anomalies of the airways

- Preoperative management of congenital anomalies - *Oliviero Sacco, Italy*
- Endoscopic treatment of airway anomalies – *Roberto D'Agostino, Italy*
- Surgical treatment of airway anomalies - *Michele Torre, Italy*
- Can ECMO be an option in extreme conditions? – *Andrea Moscatelli, Italy*

10.00 Emerging technologies in airway management

- Basics of airway and lung US – *Jacob Karlsson, Sweden*
- Optimizing ventilation with US - *Nadya Yousef, France*
- Neonatal ventilation in the operating room - *Tom Riedel, Switzerland*

11.00 Paediatric airway devices

- Supra-glottic devices - *Maren Kleine-Bruggeney, Switzerland*
- Video-laryngoscopy – *Rachele Bonfiglio, Italy*
- Rigid and flexible endoscopy - *Paola Serio, Italy*

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- FONA in Paediatrics – *Forum C – 6 floor*
- Airway and Lung Ultrasound - *Forum C – 6 floor*

13.30 – 14.30 Lunch

14.30 Lecture – **(Virtual)**

- How should a futuristic device be designed? - *John Fiadjo, USA*

15.00 Miscellaneous

- CO<sub>2</sub> and Capnography - *Jacob Karlson, Sweden*
- Optimizing alveolar ventilation in the operating room - *Walid Habre, Switzerland*
- Airway management: what to do when nothing works - *Thomas Riva, Switzerland*

16.00 Problem Based Learning Discussion (PBLD)

- Case 1 - *Maren Kleine-Bruggeney, Switzerland*
- Case 2 - *Nadya Yousef, France*
- Case 3 - *Francis Veyckemans, Belgium*

17.00 Closing lecture – **(Virtual)**

- Where are the major gaps of knowledge for paediatric airway management? - *Thomas Engelhardt, Canada*

17.30 Round table - Presentation of a new study proposal  
*N. Disma – T. Riva - W. Habre – R. Greif*

18.00 Closing remarks

**T-Rex Investigator Meeting (by invitation only)**