

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.

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

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

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

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ECMPG - Crediti n.

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
Andreas Berset	University Children's Hospital Basel, Basel, Switzerland
Gerardo Cortese	University of Turin, Turin, Italy
Evelien Cools	Hôpitaux Universitaires Genève, Genève, Switzerland
Nicola Disma	Istituto G. Gaslini, Genoa - Italy
Thomas Engelhardt	Montreal Children's Hospital, Montreal, Canada
John Fiadjoe	Boston Children's Hospital, Boston, USA
Alexander Fuchs	Inselspital, Bern, Switzerland
Peter Frykholm	Uppsala University, Uppsala, Sweden
Walid Habre	Hôpitaux Universitaires Genève, Genève, Switzerland
Jacob Karlsson	Karolinska Institute, Stockholm, Sweden
Maren Kleine-Bruggeney	University of Zurich, Switzerland
Tom Hansen	Odense University Hospital, Odense, Denmark
Robert Greif	Inselspital, Bern, Switzerland
Annery Garcia-Marcinkiewicz	Children's Hospital of Philadelphia, Philadelphia, USA
Andrea Moscatelli	Istituto G. Gaslini, Genoa - Italy
David Polaner	Seattle Children's Hospital, Seattle, USA
Thomas Riva	Inselspital, Bern, Switzerland
Thomas Riedel	Inselspital, Bern, Switzerland
Vincenzo Russotto	University of Turin, Turin, Italy
Nadja Fisler	Inselspital, Bern, Switzerland
Paola Serio	Meyer Children's Hospital, Florence, Italy
Luregn Schlappbach	University Children's Hospital Zurich, Zurich, Switzerland
Oliviero Sacco	Istituto G. Gaslini, Genoa - Italy
Massimiliano Sorbello	Policlinico Hospital, Catania, Italy
Michele Torre	Istituto G. Gaslini, Genoa - Italy
Nadya Yousef	"A. Bécère" 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, A. Moscatelli

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 – 12.00 *Coffee Break*

12.00 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*

13.00 – 14.00 *Lunch*

14.00 -15.30 **Workshops** (30 mins each, repeated 3 times)

- Video-Laryngoscopy assisted intubation in children
- FONA in Paediatrics
- Flexible and rigid bronchoscopy intubation
- One lung ventilation and lung separation
- Application of HFNO
- Airway and Lung Ultrasound

15.30 Preventing complications

- The Swedish airway guidelines - *Peter Frykholm, Sweden*
- The rapid sequence induction - *Evelien Cools, Switzerland*
- How and when to perform intubation in spontaneous ventilation? - *Annery Garcia-Marcinkiewicz, USA*

16.30 Drugs

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

17.30 Closing lecture

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

9.00 Acquired and Congenital anomalies of the airways

- Congenital airway anomalies - *Michele Torre, Italy*
- Perioperative management of congenital anomalies - *Oliviero Sacco, 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 Karlson, Sweden*
- Optimizing ventilation with US - *Nadya Yousef, France*
- Neonatal ventilation in the operating room - *Tom Riedel, Switzerland*

11.30 Paediatric airway devices

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

12.00 – 13.00 *Lunch*

13.00-14.30 **Workshops** (30 mins each, repeated 3 times)

1. Video-Laryngoscopy assisted intubation in children
2. FONA in Paediatrics
3. Flexible and rigid bronchoscopy intubation
4. One lung ventilation and lung separation
5. Application of HFNO
6. Airway and Lung Ultrasound

14.30 Lecture - **Virtual**

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

15.00 Miscellaneous

- CO₂ 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 - *Luregn Schlappbach, Switzerland*

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

18.15 – 19.30 T-Rex Investigator Meeting (by invitation only)