

### 3<sup>rd</sup> EUROPEAN AIRWAY CONGRESS (EAC)

Valencia, Spain - December 1-3, 2016 - www.eac2016.org

Friday, 2 <sup>nd</sup> December 2016		
09:00-09:40	<b><u>Key Lectures 1: Advanced Airway Assessment</u></b> Introduction: assessment of the airway Do we need more advanced assessment tools in the time of video laryngoscopes?	Chair: G. Frova G. Frova L. Theiler
09:40-10:40	<b><u>Key Lectures 2: Airway Management Education - really worth?</u></b> Learning from mistakes in airway management. Learning to teach airway management.	Chair: I. Hodzovic T. Cook R. Greif
10.40-11.00	<b><u>EAMS - 3<sup>rd</sup> EAC Opening Ceremony</u></b> Presidents of SEDAR, SVART, EAMS, Consellera de Sanitat Universal i Salut Publica. Government of Valencia	R. Greif, V. Martinez, P. Charco
11.00-11.30	Coffee/ tea break	
11:30-13:10	<b>Workshops Session</b>	WS Faculty
13:10-14:30	Lunch & Industry Exhibition/ Have a coffee or tea with the expert	
14:30-15:00	Poster Sessions	WS Faculty
15:00-16:40	<b>Workshop Session</b>	WS Faculty
16:40-17:10	Coffee/ tea break	
17:10-18:30	<b><u>Key Lectures 3: The DAS Lectures - Preoxygenation – efficient and effective</u></b> Why is that still of importance? Is there a place for new concepts? THRIVE - Transnasal Humidified Rapid-Insufflation Ventilation Exchange Thrive in Children – does it work too?	Chair: T. Cook V. Martínez A. Patel Th. Riva
18:30-19:00	DAS WS - Meet the experts on Thrive	A. Patel/ Th. Riva
Saturday, 3 <sup>rd</sup> December 2016		
09.00-10.30	<b><u>Key Lectures 4: From guidelines to the management of a difficult airway</u></b> SAM Lecture: Using flexible fiberoptic Using videolaryngoscopes and stylets Using supraglottic airway devices <b><u>Pannel Discussion: “What did we learn from that Session”</u></b>	Chair: F Petrini Katherine Gil G. Frova A. López all
10:30-11:00	Coffee/ tea break	
11:00-12:40	<b>Workshop Session</b>	WS Faculty
12:40-13:30	Oral Presentations Contest	
13:30-15:00	LUNCH & Industry Exhibition/ Have a coffee or tea with the expert	
15:00-16:40	<b>Workshop Session</b>	WS Faculty
16.40-17.10	Coffee/ tea break	
17.10-18:20	<b><u>Key Lectures 5: Different airway management approaches in emergency</u></b> Critical ill patients with difficult airway. Safe extubation Cricothyroidotomy techniques	Chair: FJ. Belda M. Sorbello L. Gaitini
18:20-19.00	<b><u>EAMS Awards Ceremony &amp; Closure of the 3<sup>rd</sup> EAC</u></b>	R. Greif, V. Martinez Pons, P. Charco

## Workshops (1 to 8, 50 min)

All WS will be simultaneously

- WS 1: Fiberoptics a) for beginners : *Kamil Toker (Istanbul, TR), Andrea Gutierrez (Valencia, ESP), Guillermo Pérez Navarro (Zaragoza, ESP), Juan Catalá (Valencia, ESP)*  
b) for advanced users: *Katherine Gil (USA), Andrés Roca de togores (Valencia, ESP), Mario De Fez (Valencia, ESP), Aitana Lluch (Valencia, ESP)*
- WS 2: First airway management revolution: Supraglottic Airway Devices (SAD) – the proper use, last advances, correct conduit for fiberoptic:  
*Ana Lopez (Barcelona, ESP), Tim Cook (Bath, UK), Beatriz Garrigues (Valencia, ESP), José Cortell (Valencia, ESP), José Carbonell (Valencia, ESP), Oscar Ordóñez (Madrid, ESP)*
- WS 3: Second airway management revolution: Video laryngoscopes (VL); optima approach in every situation with which device?  
*Rüdiger Noppens (Mainz, GER), Lorenz Theiler (Bern, CH), Iliaz Hodzovic (Cardiff, UK), José Vicente Cuchillo (Valencia, ESP), Jaume Puig (Valencia, ESP), Javier Moya (Madrid, ESP)*
- WS 4: Third airway management revolution Ultrasound in airway management – how to integrate that into clinical practice:  
*Maren Kleine-Bruggeney (London, UK), Carlos Tornero (Valencia, ESP), Mari Martínez Segovia (Murcia, ESP), Ernesto Pastor (Valencia, ESP), Carlos García Vitoria (Valencia, ESP)*
- WS 5: Front of neck access: Surgical and percutaneous approach to the trachea - Cricothyrotomy until perfection (animal model):  
*X. Onrubia (Valencia, ESP), Luis Gaitini (Haifa, ISR), David Peral (Castello, ESP), Estefania Martínez (Valencia, ESP), Pablo Rodríguez (Valencia, ESP)*
- WS 6: Size matters: the paediatric airway – the ultimate training to manage the airway in kids:  
*Ayten Saracoglu (Istanbul, TR), Tolga Saracoglu (Istanbul, TR), Irene León (Valencia, ESP), Laura Reviriego (Valencia, ESP), Joana Baldó (Valencia, ESP)*
- WS 7: Fight under stress and learn coping strategies: Clinical simulation scenarios in airway management:  
*Amaury Govaerts (Geneva, CH), Vicente Martínez-Pons (Valencia, ESP), Inmaculada Renart (Valencia, ESP), Francisco Escribá (Valencia, ESP), María José Parra (Valencia, ESP)*
- WS 8: Safe Extubation – Strategies to avoid re-intubation problems:  
*Flavia Petrini (IT), Massimiliano Sorbello (IT), Beatriz Garrigues (Valencia, ESP), Pedro Coutinho (PT)*
- DAS WS - THRIVE (Transnasal Humidified Rapid-Insufflation Ventilation Exchange): last insights from the experts in adults and children:  
*Anil Patel (London UK, adult), Thomas Riva (Bern, CH, pediatric), Jaume Puig (Valencia, ESP), Pablo Rodríguez (Valencia, ESP)*
- TAT WS: TAT-course interactive Video-Briefing on Airway Teaching (only subscribed TAT-course participants):  
*R. Greif (Bern, CH), P. Charco Mora (Valencia, ESP)*

## **Workshop Goals**

### **1. Fiberoptics**

1. Pre-conference reading: Clarify the indications and contraindications of fiberoptics. Learn the anatomy, preparation, maintenance and basic care of fiberscope and know about needed auxiliary material for the process (e.g. "Frey-Mask, Aintree catheter, different special guedel tubes, ...). Basic recognition of the tracheobronchial tree: carina, left main bronchus, right bronchus and right upper lobe.
2. Apply additional material to facilitate safe and easy fiberoptic intubation (e.g. "Frey-Mask, Aintree catheter, different special guedel tubes, ...)
3. Discuss the approach to patient preparation: premedication, local anesthesia in the airway and vasoconstriction.
4. Train in manikins the techniques of nasal and oral intubation, and exchange of oral to nasal endotracheal tube and the recognition of the tracheobronchial tree: carina, left main bronchus, right bronchus and right upper lobe.
5. Practice in manikins the correct sequence of double lumen placement, right and left tubes and discuss absolute and relative indications to perform pulmonary isolation.
6. Get insights into the characteristics of the different types of bronchial blockers: Univent, Arndt, Cohen, Coopdech and EZ-blocker.

### **2. Supraglottic Airway Devices**

1. Pre-conference reading: Know the different generation of devices, their differential characteristics, and the most common complications and their resolution, including difficult insertion
2. Acquire skills in the preparation and insertion techniques of these devices during different clinical situations.
3. Learn techniques of intubation through the supraglottic airway devices.
4. Discuss ventilation strategies and management with EGD, the most common complications and their resolution, including difficult insertion, and advanced and special clinical applications in anaesthesia, Emergency medicine and at the ICU

### **3. Videolaryngoscopy**

1. Pre-conference reading: Learn about the different features of videolaryngoscopes and its indications, clinical applications and limitations.
2. Compare direct laryngoscopy with indirect laryngoscopy. Its advantages and down sides using video laryngoscopes.
3. Learn about different video laryngoscopes approaches, insertion techniques and the application of intubation aids including visualization tools.

### **4. Ultrasound in Airway Management**

1. Pre-conference reading: Learn the application of ultrasound in airway including the anatomical landmark, the structures of the larynx, neck and the cricothyroid membrane and the use of different ultrasound planes..
2. Identify the anatomical landmark structures of the larynx, neck and cricothyroid membrane using different ultrasound planes in volunteers.
3. Learn the measurement of subglottic minimum diameter to estimate the size of the endotracheal tube and the advantage of sublingual ultrasound to visualize the structures to identify a possible difficult airway.
4. Confirmation of the position of the endotracheal tube: display the tube and confirmation of bilateral pulmonary ventilation.
5. Identification of distinct patterns of the normal lung and disease: pleural effusion, pneumothorax, pneumonia, consolidation, haematothorax, atelectasis, ...

### **5. Front of the neck access – Cricothyrotomy: Surgical and needle techniques**

1. Pre-conference reading: Recognize anatomical landmarks for an front of the neck approach and get insight into the advantages and disadvantages of the different techniques including the current discussion about the different approaches..

2. Identify the anatomical landmarks for an front of the neck approach in animal specimen and simulators.
3. Train the different techniques (surgical and percutaneous needle) and become familiar with the needed equipment.
4. Discuss indications and complications of these techniques and its quick diagnosis.

#### **6. Paediatric Airway Management**

1. Pre-conference reading: Learn about the differential airway features in children and about the proper preparation of paediatric patients for the airway approach.
2. Discuss the peculiarities of the paediatric airway devices.
3. Acquire skills in the use of the paediatric airway devices in manikins.
4. Train in a simulation based approaches the main differences to adults (fast desaturation, induction with or without venous access, importance of mask ventilation and differences in algorithms for difficult airway).

#### **7. THRIVE - Transnasal Humidified Rapid-Insufflation Ventilation Exchange**

1. Pre-conference reading: Get familiar with the theoretical concept behind that new apnoeic oxygenation approach in adults and children
2. Get familiar with the equipment and practice the application on volunteers.
3. Discuss nuts and bolts with the experts in adults and children.

#### **8. Simulation in Airway Management**

1. Pre-conference reading: get familiar with airway simulation, the concept of fidelity, briefing and debriefing, and what simulation can teach and what not.
2. Experience the advantage of briefing and debriefing not only during full scale simulation but also during daily clinical airway management practice.
3. Train different and difficult airway scenarios and approaches in special circumstances applying airway algorithms and develop ideas of an algorithm for the own institution.
4. Analyse and critical appraise own performances in a short debriefing to allow a better understanding how critical situations might be mastered.

#### **9. Safe Extubation**

1. Pre-conference reading: Learn the factors of difficult and failed extubation and how to evaluate that before extubation.
2. Discuss predictors of a difficult extubation, conditions needed for safe extubation of a difficult airway, and outline complications associated with difficult extubation
3. Preparation of the patient with a difficult airway for extubation and plan the reintubation after extubation failure in a difficult airway
4. Train different approaches of guides to facilitate reintubation and stepwise extubation.

#### **10. TAT-course interactive Video-Briefing on Airway Teaching**

1. Pre-conference reading: The features of briefing and debriefing, and the use of video as a teaching tool.
2. Practice video debriefing on scenarios from airway teaching during the EAC 2016.

#### **Poster Session**

**Facilitators:** T. Cook, T. Saracoglu, I. Hodzovic, R. Noppens, F. Petrini, M. Kleine Bruggeney, M. Sorbello, P. Charco, MJ. Parra, G. Pérez Navarro, A. Lluch, E. Martínez, P. Coutinho, E. Pastor, A. Gutiérrez, I. León, J. Puig, I. Renart, F.J. Escriba, J. Cortell, D. Peral, A. Roca de Togores, J. Baldó, P. Rodríguez, C. García, O. Ordoñez, J. Moya

#### **Oral Presentation Contest**

Chair: Robert Greif, Xavier Onrubia

Judges: Anil Patel, Katherine Gil, Kamil Tokar