

## PROGRAMME

### Airway Management

#### Sunday, March 03, 2024

**Session Date/Time: Sunday, March 3, 2024 - 08:30 - 10:00**

#### **Airway Management Workshop: Extubation/Tube Exchange**

Workshop Fee: 90 USD

This workshop includes a brief lecture from international expert faculty and hands-on workstations. Recent publications in the scientific literature will be cited.

Extubation represents one of the critical moments of airway management. Adverse events at this component of patient care account for a significant proportion of all airway management related complications, and are often accompanied by severe outcomes. International guidelines have addressed optimal approaches to increase the safety of extubation, including clinical assessment, risk stratification and optimisation, as well as technical aspects and devices.

This workshop will include the following:

- a) Review of recommendations around extubation from recent International guidelines.
- b) Understanding the clinical assessment, risk stratification and optimisation prior to extubation.
- c) Understanding the role of airway exchange catheters (AECs) in high risk extubations.
- d) Understanding the technical aspects of airway exchange catheters (AECs).
- e) Reintubation over AECs.
- f) Tube exchange techniques, including approaches involving double lumen tubes.

#### **Extubation/Tube Exchange**

*Matteo Parotto, Canada*

#### **Extubation/Tube Exchange**

*Jessica Feinleib, United States*

#### **Extubation/Tube Exchange**

*Andy Higgs, United Kingdom*

#### **Extubation/Tube Exchange**

*Faisal Shamim, Pakistan*

**Session Date/Time: Sunday, March 3, 2024 - 08:30 - 10:00**

#### **Airway Management Workshop: Fiberoptic Intubation & Topicalisation Plus ORSIM**

Workshop Fee: 90 USD

This workshop includes a brief lecture from international expert faculty and hands-on workstations. Recent publications in the scientific literature will be cited.

Flexible bronchoscopy remains one of the cornerstones of airway management, playing an essential role in the anticipated as well as unanticipated difficult airway. Its use is contemplated by international guidelines. Proficiency in flexible bronchoscopy requires an understanding of the technical aspects of the device, as well as the acquisition of specific dexterity.

This workshop will include the following:

- a) Review of recommendations around flexible bronchoscopes from recent International guidelines.
- b) Understanding the technical aspects of flexible bronchoscopes.
- c) Understanding the relevant anatomy.
- d) Understanding of airway topicalisation.
- e) Use of the flexible bronchoscopy simulator ORSIM to enhance skill acquisition.

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f) Troubleshooting common problems encountered during use of flexible bronchoscopes.

### **Fibreoptic Intubation & Topicalisation Plus ORSIM**

*Imran Ahmad, United Kingdom*

### **Fibreoptic Intubation & Topicalisation Plus ORSIM**

*Ellen O'Sullivan, Ireland*

### **Fibreoptic Intubation & Topicalisation Plus ORSIM**

*George Kovacs, Canada*

### **Fibreoptic Intubation & Topicalisation Plus ORSIM**

*Ross Hofmeyr, South Africa*

**Session Date/Time: Sunday, March 3, 2024 - 10:45 - 12:15**

### **Airway Management Workshop: Advanced Oxygenation Techniques**

Workshop Fee: 90 USD

This workshop includes a brief lecture from international expert faculty and hands-on workstations. Recent publications in the scientific literature will be cited.

Maintenance of adequate arterial oxyhemoglobin saturation levels is mandatory during all aspects of advanced airway management in the emergency, operating theatre and intensive care settings. Oxygen desaturation is well known to result in dysrhythmias, hemodynamic instability, hypoxic brain injury and death. Techniques of peri-oxygenation including High Flow Nasal Oxygen (HFNO) and Non Invasive Ventilation techniques (NIV), well known in the Intensive Care setting are now being used throughout the Operating Theatre in a number of applications.

This workshop includes:

- Recent International airway management guidelines regarding peri-oxygenation.
- The concept of apneic oxygenation.
- Techniques for Preoxygenation and Prolongation of Apnea Time.
- Hands on experience with High Flow Nasal Oxygen and NIV devices.

### **Advanced Oxygenation Techniques**

*Anil Patel, United Kingdom*

### **Advanced Oxygenation Techniques**

*Jeanette Scott, New Zealand*

### **Advanced Oxygenation Techniques**

*Elizabeth Behringer, United States*

### **Advanced Oxygenation Techniques**

*Irene Osborn, United States*

**Session Date/Time: Sunday, March 3, 2024 - 10:45 - 12:15**

### **Airway Management Workshop: Emergency Front of Neck Access**

Workshop Fee: 90 USD

This workshop includes a brief lecture from international expert faculty and hands-on workstations. Recent publications in the scientific literature will be cited.

Emergency Front of Neck Access (eFONA) is an essential skill for anyone involved in airway management. All recent international guidelines on airway management include eFONA as the recommended rescue approach in the event of cannot ventilate/cannot intubate scenarios. There is agreement among guidelines on the recommended technique for eFONA ('scalpel-bougie-tube').

This workshop will include the following:

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- a) Review of recommendations around eFONA from recent International guidelines.
- b) Understanding indications and appropriate techniques.
- c) Understanding the relevant anatomy for eFONA.
- d) Understanding the appropriate equipment.
- e) Use of the scalpel-bougie-tube technique for eFONA.

### **Emergency Front of Neck Access**

*Conan McCaul, Ireland*

### **Emergency Front of Neck Access**

*Pierre Bradley, Australia*

### **Emergency Front of Neck Access**

*Fauzia Mir, United Kingdom*

### **Emergency Front of Neck Access**

*Kemal Tolga Saracoglu, Qatar*

### **Emergency Front of Neck Access**

*Paul Baker, New Zealand*

**Session Date/Time: Sunday, March 3, 2024 - 13:15 - 14:45**

### **Airway Management Workshop: Paediatric Airway Workshop**

Workshop Fee: 90 USD

Basic principles and advanced techniques negotiating simulated difficult Paediatric airways will be demonstrated. Comparing blades for direct laryngoscopy, channelled and non-channelled & pros and cons in paediatric population. Unique features and techniques for intubation in children will be demonstrated.

### **Paediatric Airway Workshop**

*Nicola Disma, Italy*

### **Paediatric Airway Workshop**

*Thomas Riva, Switzerland*

### **Paediatric Airway Workshop**

*Narasimhan Jagannathan, United States*

### **Paediatric Airway Workshop**

*Clyde Matava, Canada*

### **Paediatric Airway Workshop**

*Paul Baker, New Zealand*

### **Paediatric Airway Workshop**

*Josephine Tan, Singapore*

### **Paediatric Airway Workshop**

*Thomas Engelhardt, Canada*

**Session Date/Time: Sunday, March 3, 2024 - 13:15 - 14:45**

### **Airway Management Workshop: Supraglottics & AINTREE Plus SALAD Stations**

Workshop Fee: 90 USD

This workshop includes a brief lecture from international expert faculty and hands-on workstations. Recent publications in the scientific literature will be cited.

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Currently, a variety of supraglottic airways (SGAs) are available for clinical use. It is necessary to have experience with several different types of SGAs in order to provide optimal patient care in different clinical situations. Judgement in assessing the suitability of a specific SGA for a patient and clinical situation is critically important. Gaining proficiency in the correct placement and use of SGAs is mandatory for safe and effective use of these devices.

This Workshop includes the following:

- a) Understanding of how SGA function is dependent upon its design and correct use.
- b) Understanding the advantages and disadvantages of using first generation and second generation SGAs.
- c) Use of SGAs in specific clinical situations including: controlled mechanical ventilation, obese patients, patients at risk of gastric aspiration.
- d) Use of SGAs as a rescue technique for difficult/failed Mask Ventilation.
- e) The technique of using an SGA as a conduit to facilitate endotracheal intubation with an Aintree intubation catheter.

### **Supraglottic Airway Devices & Aintree Catheter**

*Marc Kriege, Germany*

### **Supraglottic Airway Devices & Aintree Catheter**

*Nabil Shallik, Qatar*

### **Supraglottic Airway Devices & Aintree Catheter**

*Carin Hagberg, United States*

### **Supraglottic Airway Devices & Aintree Catheter**

*Adam Law, Canada*

### **Supraglottic Airway Devices & Aintree Catheter**

*Friedrich Pühringer, Germany*

**Session Date/Time: Sunday, March 3, 2024 - 15:30 - 17:00**

### **Airway Management Workshop: Ultrasound - Gastric & Lung**

Workshop Fee: 90 USD

This workshop includes a brief lecture from international expert faculty and hands-on workstations on the use of ultrasound to assess the upper airway as well as the utility of gastric ultrasound. Recent publications in the scientific literature will be cited.

Ultrasonography is an incredibly useful modality for imaging the airway and stomach. Ultrasound is safe, quick and portable technique that delivers real time dynamic images. Ultrasound of the upper airway should be part of routine airway assessment especially in cases where emergency front of neck access may be necessary. Gastric Ultrasound is easy to learn and useful in clinical decision making regarding the patient's aspiration risk.

This workshop will include the following:

- a) Use of ultrasound to identify the cricothyroid membrane (CTM) prior to difficult airway management where emergency front of neck access may be needed.
- b) Use of ultrasound to confirm endotracheal intubation.
- c) Use of ultrasound to detect inadvertent esophageal intubation.
- d) Use of ultrasound to detect the contents of the patient's stomach: empty, fluids, or solids.
- e) Use of ultrasound to quantify the amount of fluid present in the stomach.
- f) Use of gastric ultrasound as an adjunct for clinical decision making regarding the patient's risk of gastric aspiration.

### **Ultrasound - Gastric & Lung**

*Michael Seltz Kristensen, Denmark*

### **Ultrasound - Gastric & Lung**

*Wendy Teoh, Singapore*

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### **Ultrasound - Gastric & Lung**

*Kariem El-Boghdadly, United Kingdom*

### **Ultrasound - Gastric & Lung**

*Elizabeth Behringer, United States*

### **Ultrasound - Gastric & Lung**

*Conan McCaul, Ireland*

**Session Date/Time: Sunday, March 3, 2024 - 15:30 - 17:00**

### **Airway Management Workshop: Videolaryngoscopy Plus Combined Technique**

Workshop Fee: 90 USD

This workshop includes a brief lecture from international expert faculty and hands-on workstations. Recent publications in the scientific literature will be cited.

The introduction of videolaryngoscopy has arguably been one of the major technological advancements in the field of airway management in the last 2 decades. Its use either as a rescue technique or as a first line approach to facilitate intubation is contemplated by all recent international recommendations. Recent studies highlight the importance of specific training on videolaryngoscopy to achieve optimal competence in its use.

This workshop will include the following:

- a) Review of recommendations around videolaryngoscopy from recent International guidelines.
- b) Understanding the different types of videolaryngoscopes.
- c) Understanding advantages and limitations of each type of videolaryngoscope.
- d) Understanding the relevant anatomy.
- e) Use the appropriate technique for each specific type of videolaryngoscope.
- f) Troubleshooting common problems encountered during videolaryngoscopy.
- g) Use combination techniques with flexible bronchoscopes and videolaryngoscopes.

### **Videolaryngoscopy Plus Combined Technique**

*Tim Cook, United Kingdom*

### **Videolaryngoscopy Plus Combined Technique**

*Patrick Schoettker, Switzerland*

### **Videolaryngoscopy Plus Combined Technique**

*Nicholas Chrimes, Australia*

### **Videolaryngoscopy Plus Combined Technique**

*Cecilia Sandoval, Mexico*