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 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
Jigeeshu Divatia, India
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: Fibreoptic 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.
f) Troubleshooting common problems encountered during use of flexible bronschopes.

Fibreoptic Intubation & Topicalisation Plus ORSIM
Imran Ahmad, United Kingdom
Fibreoptic Intubation & Topicalisation Plus ORSIM
Ravi Bhagrath, United Kingdom
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:

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

Advanced Oxygenation Techniques
Anil Patel, United Kingdom
Advanced Oxygenation Techniques
Jeanette Scott,
Advanced Oxygenation Techniques
Alistair McNarry, United Kingdom
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**
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**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**
*Narasinghan Jagannathan, United States*

**Paediatric Airway Workshop**
*Clyde Matava, Canada*

**Paediatric Airway Workshop**
*Paul Baker, New Zealand*

**Paediatric Airway Workshop**
*Josephine Tan, Singapore*

**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.

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, Deutschland
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.

Ultrasoundography 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

Ultrasound - Gastric & Lung
Kariem El-Boghdady, United Kingdom
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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