



Workshop Title:

**ADVANCED AIRWAY WORKSHOP: MANAGEMENT OF THE DIFFICULT AIRWAY IN THE PEDIATRIC ICU**

**Workshop Date / Time:**

June 2, 2024 / 08:00 - 12:15

**Workshop Type:**

In-person Half-Day Workshop

**Workshop Organizer:**

Zachary Winthrop

**Workshop Moderator:**

Shawn Jackson

**Workshop Facilitators:**

- a. Zachary Winthrop, MD
- b. Shawn Jackson, MD, PhD
- c. Aaron Spicer, MD, MAS
- d. Andrew Renaut, MD, MSc
- e. Jia Liu, MD
- f. Matthew Rowland, MD
- g. Vanessa Mazandi, MD
- h. Camille Jutras, MD

**Learning objectives:**

1. Appreciate the breadth of congenital and acquired airway obstruction in pediatric patients.
2. Understand and apply the current guidelines for the management of the difficult airway,
3. Gain hands-on skills and understanding for advanced airway techniques to manage the difficult airway.
4. Recognize key “red flag” factors as part of the ICU airway assessment.

**Workshop program**

1. Welcome and Aims.
2. Case Scenario - Setting the Scene.
3. Didactic Review – Airway Anatomy and Common Pediatric Pathophysiology.
4. Current Guidelines - The 2022 ASA Practice Guidelines for Management of the Difficult Airway.
5. Hands-On Stations:
  - (a) Combination Technique,
  - (b) LMAs,
  - (c) Hyperangulated blades,
  - (d) Needle cricothyrotomy,
  - (e) ECMO.
6. Panel Discussion – Management of this difficult airway.



7. Large Group Discussion – Cannulation: Where, when, why and who?
8. Closing the Case – Following the Algorithm