

SOCIETY FOR SAMBA AMBULATORY ANESTHESIA
2022 SAMBA ANNUAL MEETING
MAY 11 – 14, 2022

ASA Difficult Airway Algorithm

What is new and Why?: An Interview with Basem Abdelmalak, MD, FASA, SAMBA-F



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The Group Responsible

2022 American Society of Anesthesiologists Practice Guidelines for Management of the Difficult Airway*

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The Collaborating Societies

- The American Society of Anesthesiologists (ASA)
- All India Difficult Airway Association (AIDAA)
- European Airway Management Society (EAMS)
- European Society of Anaesthesiology and Intensive Care (ESAIC)
- Italian Society of Anesthesiology, Analgesia, Resuscitation and Intensive Care
- Learning, Teaching and Investigation Difficult Airway Group
- Society for Airway Management (SAM)
- **Society for Ambulatory Anesthesia (SAMBA)**
- Society for Head and Neck Anesthesia (SHANA)
- Society for Pediatric Anesthesia (SPA)
- Society of Critical Care Anesthesiologists (SOCCA)
- The Trauma Anesthesiology Society

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ASA DIFFICULT AIRWAY ALGORITHM: ADULT PATIENTS

Pre-intubation: Before attempting intubation, choose between either an awake or post-induction airway strategy. Choice of strategy and technique should be made by the clinician managing the airway.

AWAKE STRATEGY

Suspected difficult laryngoscopy? **YES** → Suspected difficult ventilation with face mask/supraglottic airway? **YES** → Significant increased risk of aspiration? **YES** → Increased risk of rapid desaturation? **YES** → Suspected difficult emergency invasive airway? **YES** → **EMERGENCY INVASIVE AIRWAY**

POST-INDUCTION STRATEGY

Intubation attempt with patient awake? **FAIL** → Mask ventilation not adequate as confirmed by CO₂? **NO** → Non-emergency pathway: Mask ventilation not adequate as confirmed by CO₂? **NO** → Supraglottic airway ventilation not adequate? **NO** → **EMERGENCY INVASIVE AIRWAY**

EMERGENCY INVASIVE AIRWAY

Intubation attempt after induction of general anesthesia? **FAIL** → Mask ventilation not adequate? **NO** → Supraglottic airway ventilation not adequate? **NO** → **EMERGENCY INVASIVE AIRWAY**

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DIFFICULT AIRWAY INFOGRAPHIC: ADULT PATIENTS

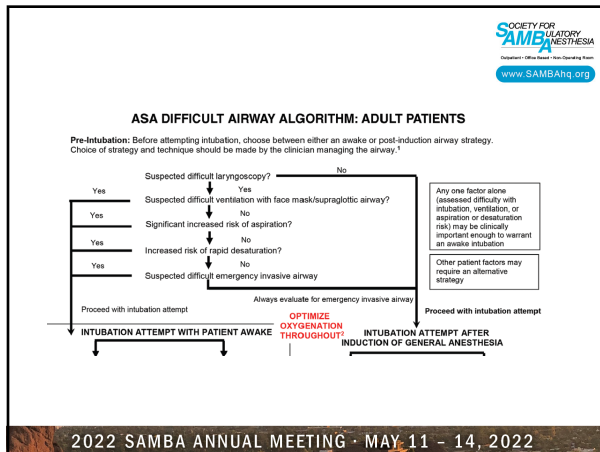
Part 1: Pre-Airway Management Decision Making Tool (planning)

Suspected difficult laryngoscopy or intubation with direct or video laryngoscope? **YES** → Suspected difficult ventilation with facemask or supraglottic device? **YES** → Significantly increased risk of aspiration? **YES** → Increased risk of rapid desaturation? **YES** → **Part 2: Awake Airway Management**

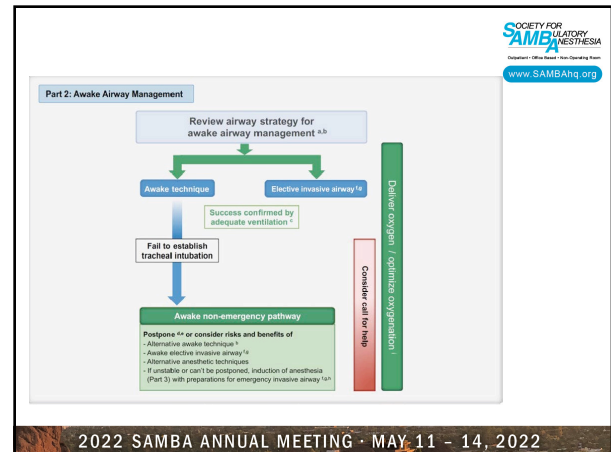
Part 3: Airway Management with Induction of Anesthesia

Always evaluate for emergency invasive airway

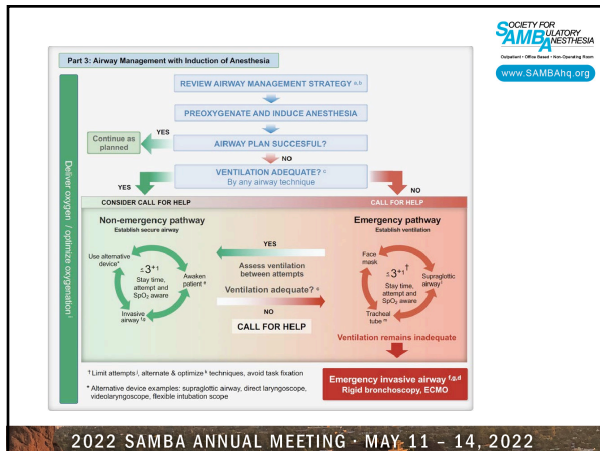
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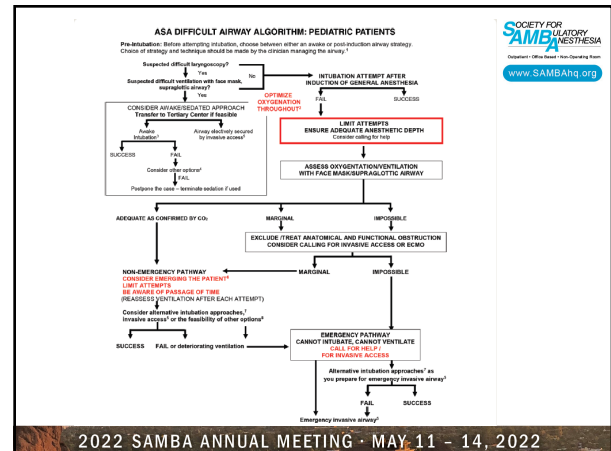
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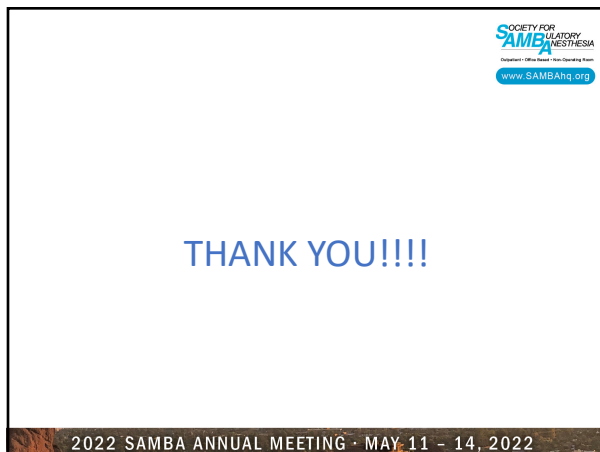
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