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**L.4**

**Emergency Airway Management of trauma patient /  
failed intubation drill**

## **Introduction**

**Airway management in trauma patients is among the most challenging and time-critical situations faced in anesthesia and emergency care.**

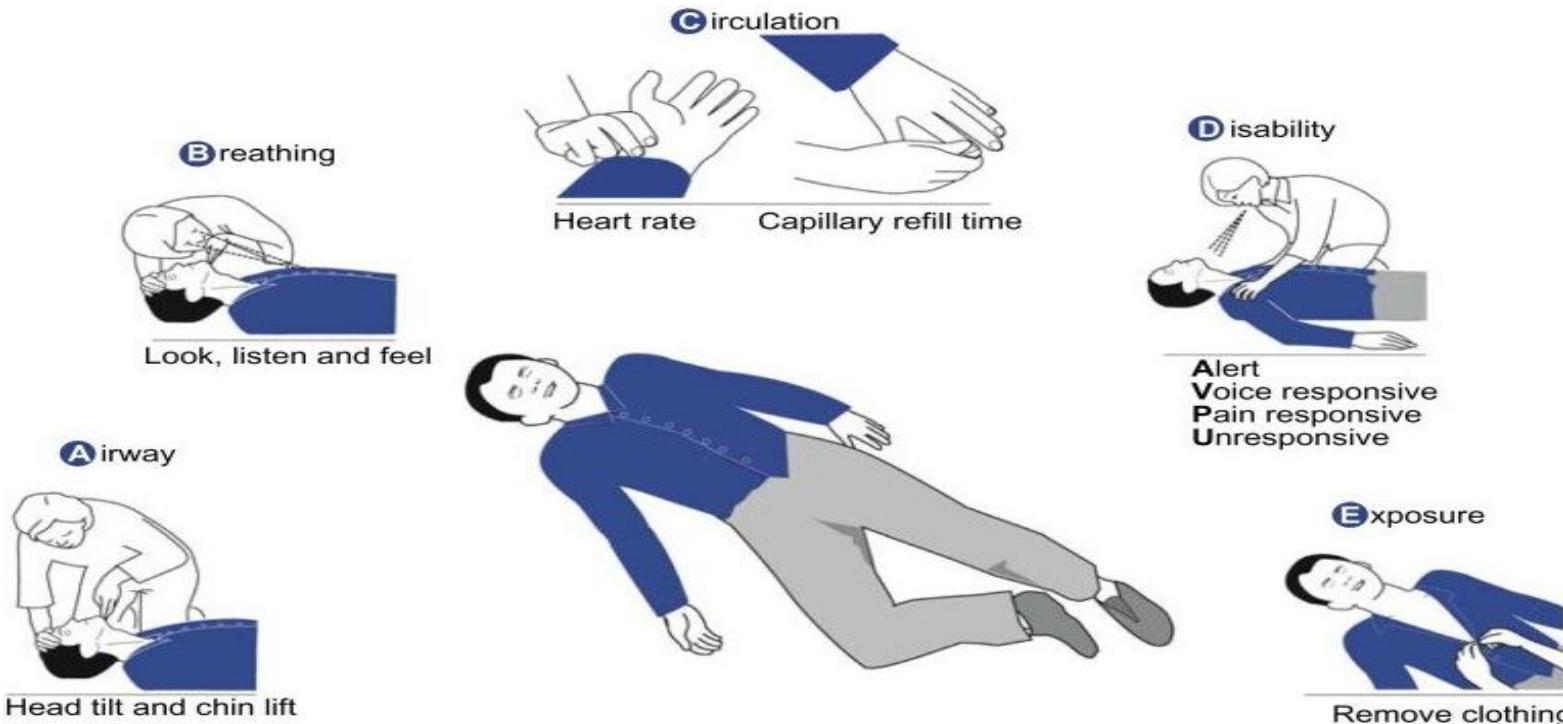
**A failed intubation (FI) in trauma can rapidly lead to severe hypoxia and cardiac arrest.**

## **Airway Equipment Preparation**

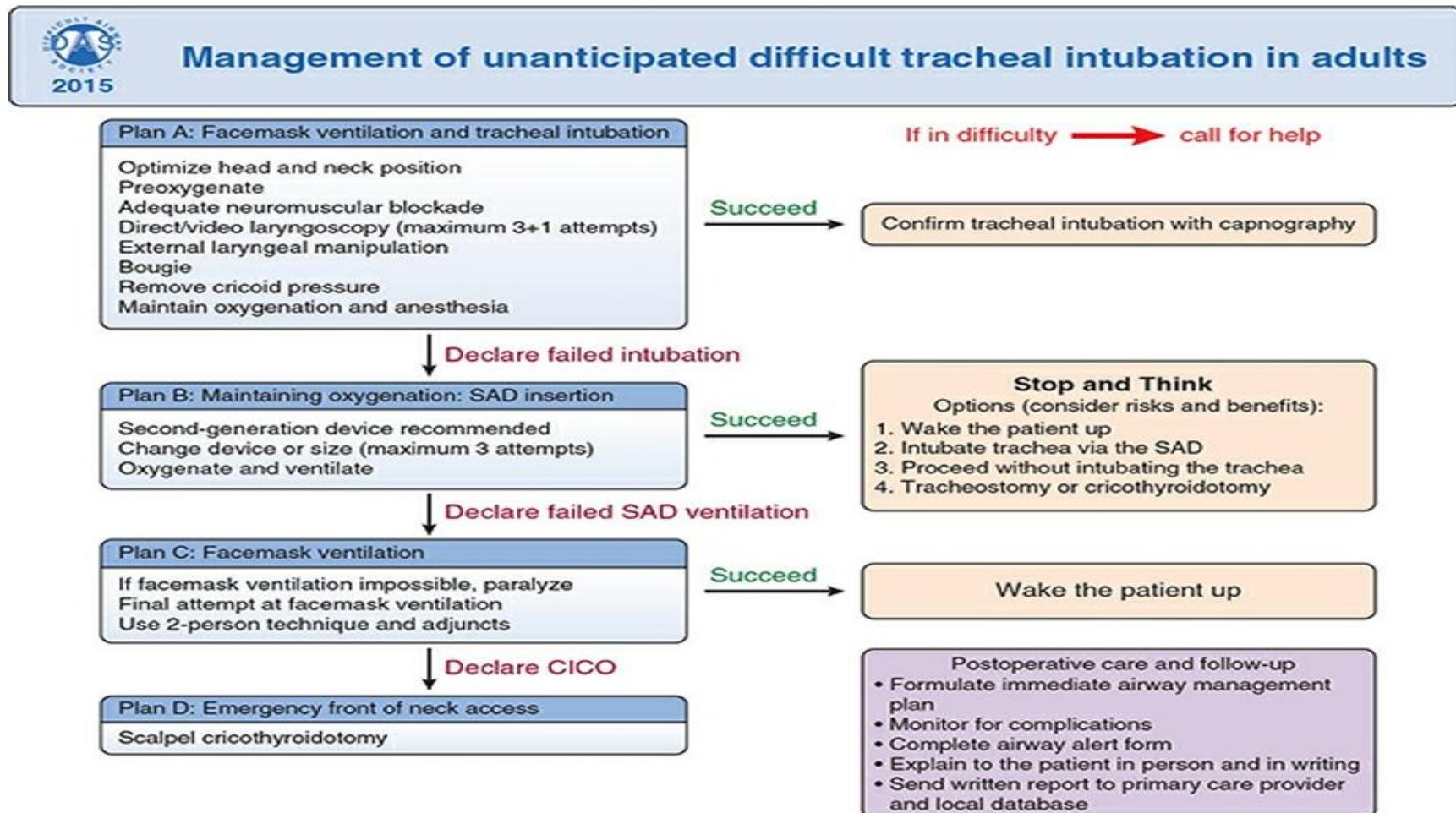
- 1. Functional oxygen source and suction device.**
- 2. Bag-Valve-Mask (BVM) connected to oxygen.**
- 3. Standard intubation set: ET tubes of various sizes, syringes, and tube ties.**
- 4. Direct laryngoscope (Macintosh / Miller) with multiple blade sizes.**
- 5. Video laryngoscope for improved visualization in trauma cases.**
- 6. Adjunct devices: Bougie – LMA – SGA – Fiberoptic scope.**
- 7. Surgical airway kit (Cricothyrotomy / Needle kit) ready at the bedside.**
- 8. Capnography (ETCO<sub>2</sub>) for confirmation of tube placement.**

# Rapid Airway Assessment – ABCDE

1. **A – Airway:** deformities, bleeding, facial or neck injuries.
2. **B – Breathing:** chest excursion, spontaneous ventilation.
3. **C – Circulation:** hemodynamic stability, bleeding control.
4. **D – Disability:** level of consciousness, cervical spine precautions.
5. **E – Exposure:** hidden injuries, airway contamination (vomit, blood).



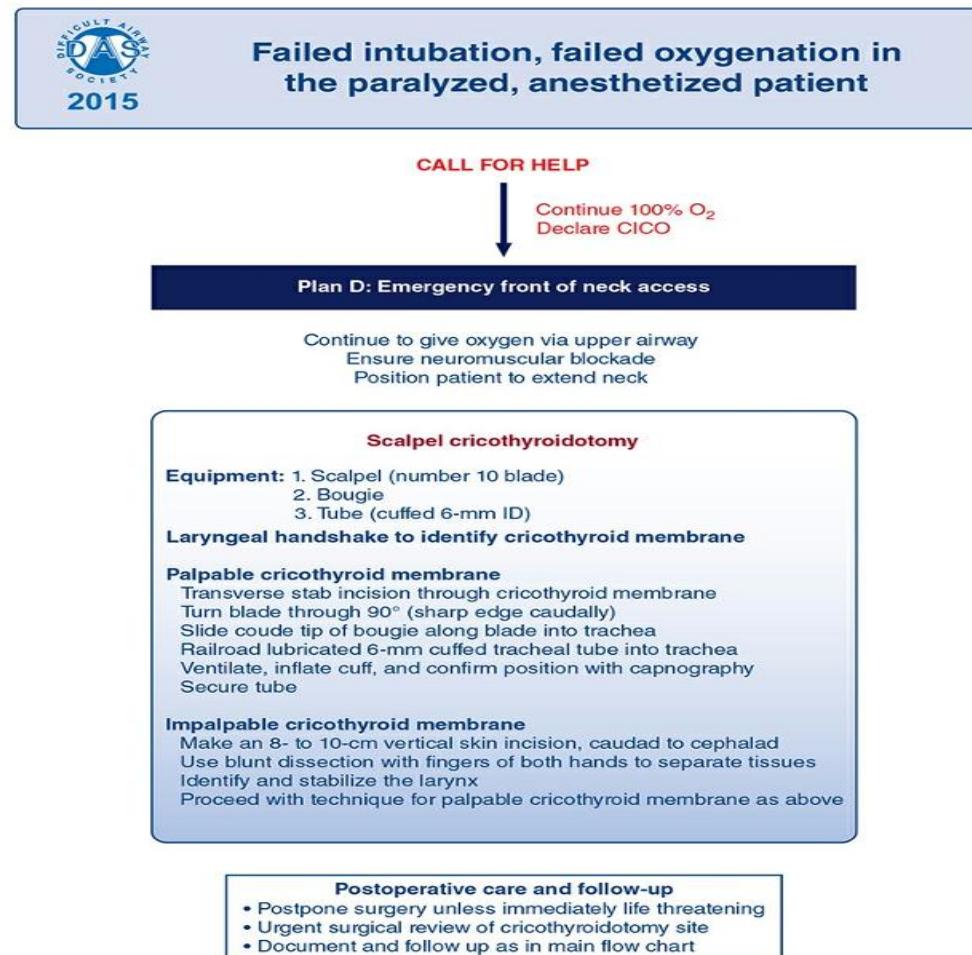
# Airway Management



This flowchart forms part of the DAS Guidelines for unanticipated difficult intubation in adults 2015 and should be used in conjunction with the text.

**FIGURE 19–30A** Difficult Airway Society difficult intubation guidelines: overview. CICO, can't intubate, can't oxygenate; SAD, supraglottic airway device. (Reproduced with permission from Frerk C, Mitchell V, McNarry A, et al. Difficult Airway Society 2015 guidelines for management of unanticipated difficult intubation in adults. Br J Anaesth. 2015 Dec;115(6):827-848.)

# failed intubation drill.



**FIGURE 19–30B** Overview of Difficult Airway Society (DAS) difficult intubation guidelines. CICO, can't intubate, can't oxygenate; SAD, supraglottic airway device. (Reproduced with permission from Frerk C, Mitchell V, McNarry A, et al. Difficult Airway Society 2015 guidelines for management of unanticipated difficult intubation in adults. Br J Anaesth. 2015 Dec;115(6):827-848.)

## References

1. Morgan & Mikhail's Clinical Anesthesiology, 7th Edition (2022).
  - Chapter: "Airway Management and Difficult Intubation."
2. Miller's Anesthesia, Latest Edition.
  - Chapters: "Airway Management," "Trauma Airway," "Surgical Airway Access."

*Good Luck!*