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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.

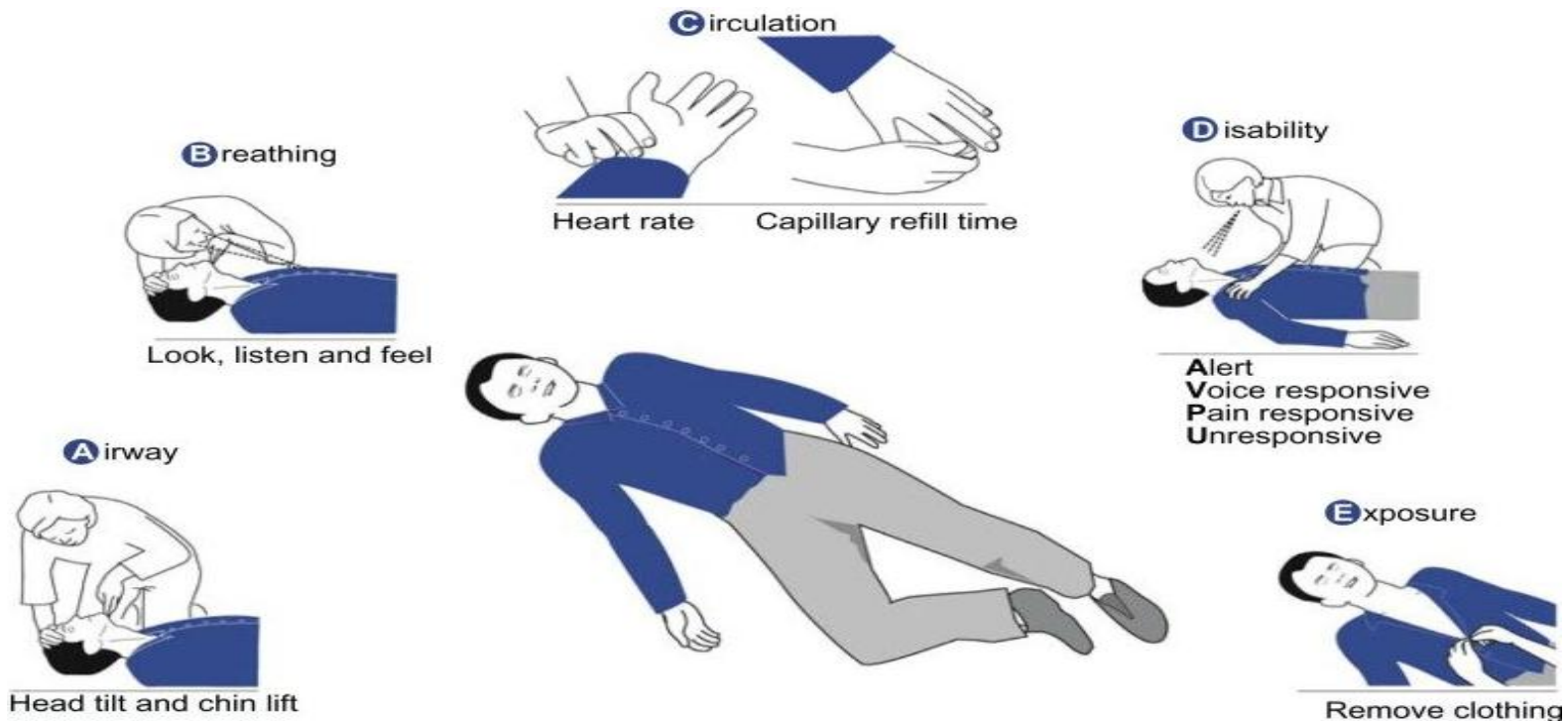
A failed intubation (FI) in trauma can rapidly lead to severe hypoxia and cardiac arrest.

Airway Equipment Preparation

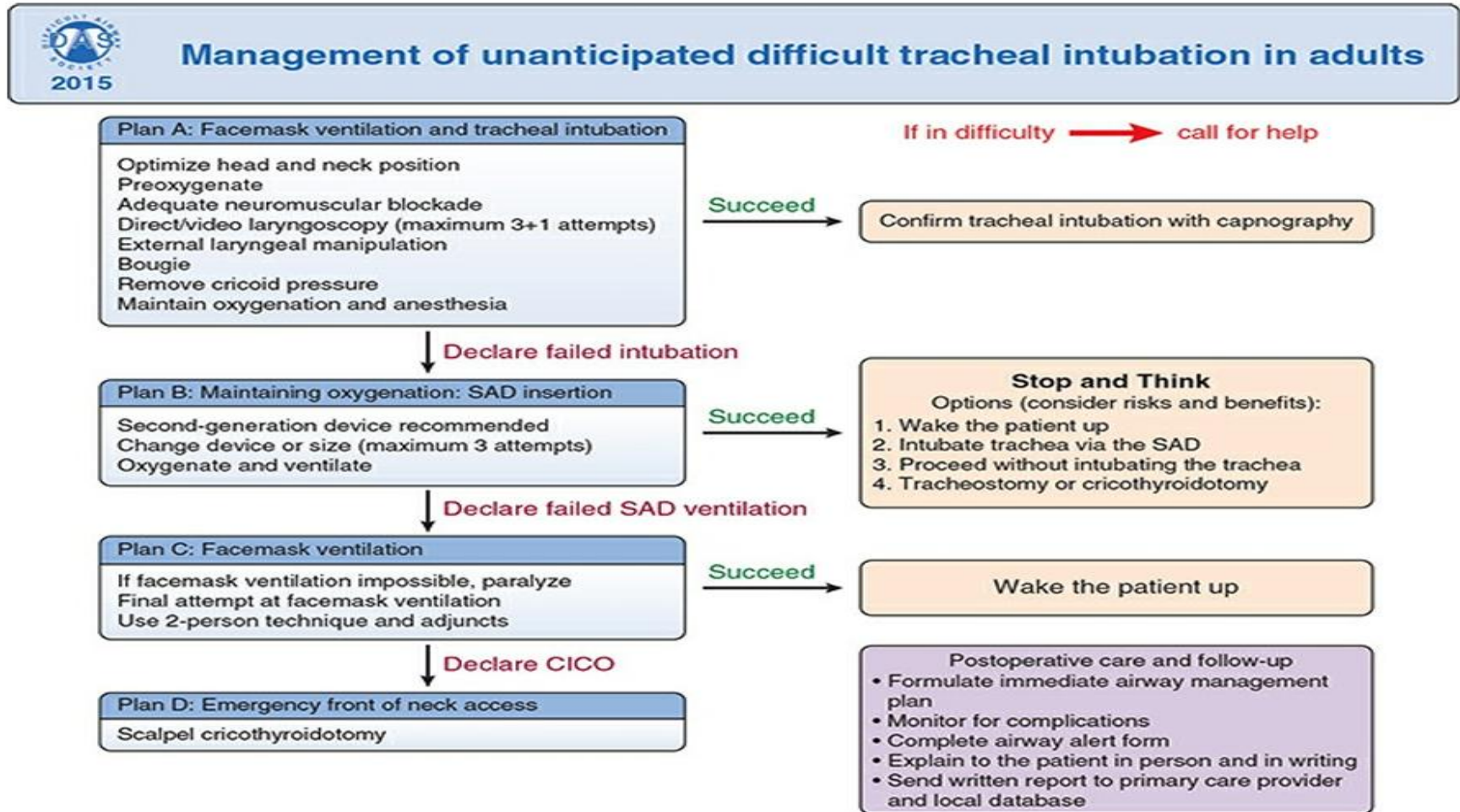
- 1. Functional oxygen source and suction device.**
- 2. Bag-Valve-Mask (BVM) connected to oxygen.**
- 3. Standard intubation set: ET tubes of various sizes, syringes, and tube ties.**
- 4. Direct laryngoscope (Macintosh / Miller) with multiple blade sizes.**
- 5. Video laryngoscope for improved visualization in trauma cases.**
- 6. Adjunct devices: Bougie – LMA – SGA – Fiberoptic scope.**
- 7. Surgical airway kit (Cricothyrotomy / Needle kit) ready at the bedside.**
- 8. Capnography (ETCO₂) 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.

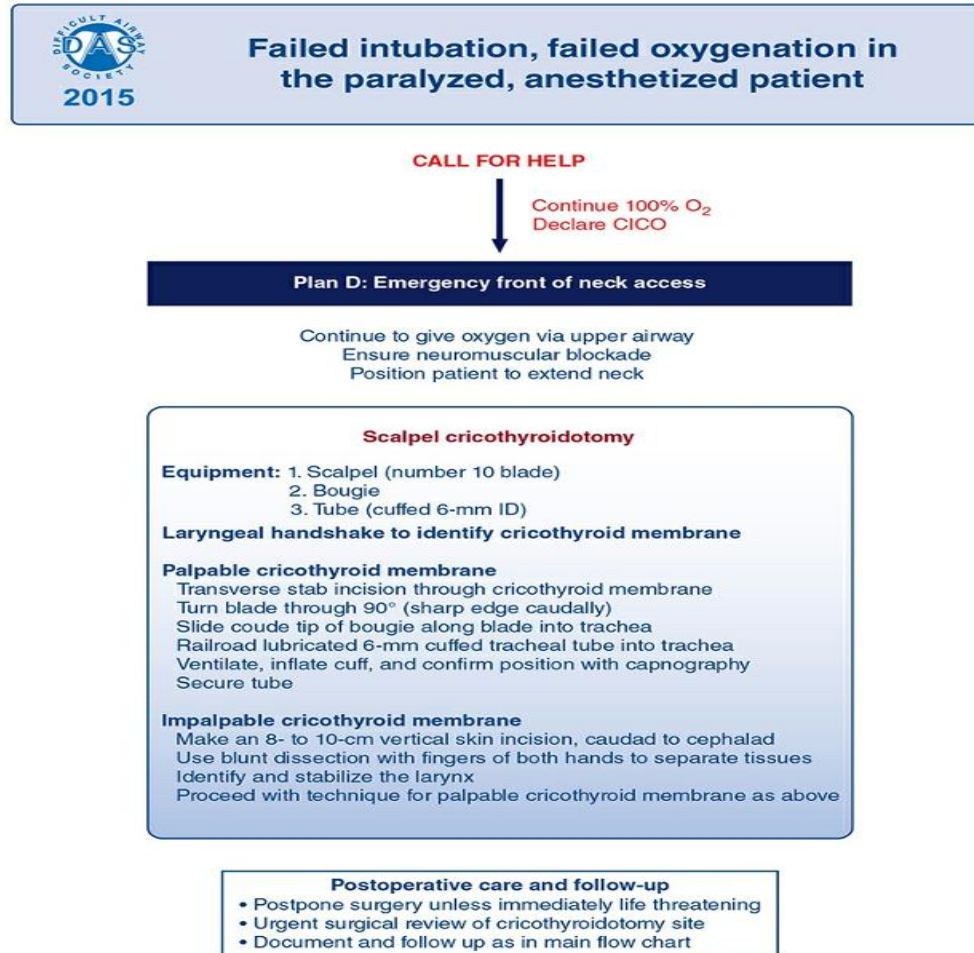


FIGURE 19–30B Overview of Difficult Airway Society (DAS) difficult intubation guidelines. CICO, can't intubate, can't oxygenate; SAD, supraglottic airway device. (Reproduced with permission from Frerk C, Mitchell V, McNarry A, et al. Difficult Airway Society 2015 guidelines for management of unanticipated 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!