7.01 AIRWAY MANAGEMENT EMSAC JULY 2025

BLS Treatment

- Assess circulation, airway, breathing, and responsiveness.
- Assist ventilations with BVM and oxygen if indicated.
- Pulse oximetry if training occurs and approved by Provider Medical Director.
- OPA or NPA as indicated.
- BLS maneuvers to remove foreign body airway obstruction as indicated.
- Oxygen as indicated.

ALS Treatment

- For patients < less than 8 years of age:
 - Laryngoscopy to remove foreign body airway obstructions.
 - Use of advanced airway interventions as indicated in the following order. No more than two total attempts at any one intervention before moving to an alternate approach.
 - 1. Supraglottic Airway for patients greater than 28 days old who cannot be adequately managed with BLS airway interventions.
 - 2.—If the above intervention is unsuccessful AND BLS ventilation is unsuccessful, may attempt Needle Cricothyrotomy with jet insufflation as the airway of last resort. (To be removed 10/1/2026)
- For patients ≥8 year of age greater than 8:
 - Laryngoscopy to remove foreign body airway obstructions.
 - Use of Continuous Positive Airway Pressure as indicated.
 - Use of advanced airway interventions as indicated in the following order. No more than two total attempts at any one intervention before moving to an alternate approach.
 - 1. Supraglottic Airway
 - 2. Oral Endotracheal Intubation
 - For patients ≥12 years of age: If both above interventions are unsuccessful AND BLS ventilation is unsuccessful, may attempt percutaneous cricothyrotomy.
 - 4. If both above interventions are unsuccessful AND BLS ventilation is unsuccessful, may attempt Needle Cricothyrotomy with jet insufflation as the airway of last resort.

SAN FRANCISCO EMS AGENCY Effective: xx/xx/xx Supersedes: 04/01/25

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Notes

- Video laryngoscopy may be used in conjunction with oral endotracheal intubation if approved by the Medical Director.
- Must obtain and document End Tidal CO2 for initial advanced airway placement and continuous monitoring of advanced airways (see protocol 7.02 Oral Endotracheal Intubation Procedure #16).
- Any airway intervention not following the above treatment sequence requires rationale documented within the first response documentation and/or patient care report.
- Target O2 saturation 94-95%.
- Target End Tidal CO2 is 35-45 mmHg

FOR VIDEO LARYNGOSCOPY TRAINED PERSONNEL ONLY

- Video laryngoscopy may be used as the first line ALS airway intervention, superseding the supraglottic airway attempts above, under the following conditions:
 - The skill is performed by a Paramedic who has successfully completed the EMS Agency-approved airway training course.
 - A BLS airway is established.
 - Chest Compressions are not interrupted during use of the device.
- Under no circumstances shall a successfully placed ALS airway device be removed in order to perform video laryngoscopy. Removal of a successfully established ALS airway device, confirmed using appropriate verification methods, with subsequent video laryngoscopy is a mandatory reporting event and an Exception Report shall be filed to the EMS Agency per policy.
- Video laryngoscopy may be used to confirm placement of an endotracheal tube.