Indications

Patient with respiratory compromise, deep coma, respiratory arrest, or cardiopulmonary arrest. Patients in need of airway protection. Patient where complete obstruction of the airway appears imminent (i.e. respiratory burns).

Contraindications

Patient with intact gag reflex. Patient with preexisting condition that may cause laryngeal spasm (i.e. epiglottitis, croup).

Complications

Unintentional intubation of the esophagus. Oropharyngeal trauma. Fractured teeth or dentures. Spasm of the vocal cords.

Procedure

1. Prepare and check equipment: BVM with PEEP valve
2. Prepare and check equipment: oxygen tank
3. Prepare and check equipment: Suction
4. Prepare and check equipment: King Vision and/or Laryngoscope with appropriate blade
5. Prepare and check equipment: Bougie
6. Prepare and check equipment: Stylet
7. Prepare and check equipment: BIAD (King LT)
8. Pre-oxygenate patient with 100% oxygen, oxygen saturations should be >93% for 3 minutes prior to intubation if possible.
9. Utilize pulse oximetry
10. Place the patient in the sniffing position with the head extended, unless c-spine injury is present or suspected. If so, maintain in-line neutral position during intubation.
11. Insert laryngoscope into mouth and visualize cords.
12. Insert ETT while maintaining visualization as the tube passes through the laryngeal opening. Refer to G10. Bougie Introducer if needed.
13. Inflate cuff with air
   Adult: 5-10 ml
   Pediatric: 1 ml, check for air leak and add another 1 ml until no air leak is detected.
14. Ventilate and check tube placement by auscultation of both chest and abdomen
15. Confirm ETT placement via ETCO2 AND
   a. Visualization of tube passing
   b. Bilateral breath sounds
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<td>16.</td>
<td>If unable to confirm placement, remove ETT and use BVM/BIAD to ventilate patient.</td>
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<td>If able to confirm placement</td>
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<td>18.</td>
<td>Secure tube with commercial device or tape.</td>
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<td>19.</td>
<td>After intubation, monitor the patient with ETCO2 to ensure proper ventilation and endotracheal tube placement.</td>
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