

Rapid Sequence Intubation

Paramedics MUST have written approval from their respective Medical Director before using this protocol.

RSI Indications:

- Patient unable to oxygenate or ventilate
- Patient unable to protect airway
- Impending airway compromise

- Obtain IV access (preferably two sites)
- Prepare for continuous VS monitoring (SpO₂, EtCO₂, BP, HR, EKG) and ensure visibility of all monitoring devices

RSI Contraindications

- Unable to BVM the patient
- Difficult Airway

¹Signs of Difficult Airway Dentition
Disproportion Distortion Dismobility
(see **Medical Preambles**)

Preoxygenate with 100% Oxygen 15 LTPM VIA NC
(see **Medical Preambles**)

- Treat hypotension with **Crystalloid Fluid** bolus and/or
- **Ondansetron** 4mg IV/IO if time permits

- Assess airway¹ with 4 D s – don't forget dentures!
- Position patient so their ear aligns with their sternal notch
- Assemble airway equipment, including backup tools (e.g. SGA, Bougie, cricothyrotomy kit)
- Verbalize failed airway plan to team

ONLY if performing Rapid Sequence Intubation
Administer sedative agent:
Etomidate 0.3mg/kg IV/IO

Hypotensive Doses:
Etomidate 0.15mg/kg
Succinylcholine 2mg/kg

Succinylcholine Contraindications

- CVA or spinal cord injury within the last 6 months
- Chronic renal failure on dialysis
- Suspicion of hyperkalemia
- Known or suspected muscular disease (e.g. ALS, muscular dystrophy, myasthenia gravis, Guillain-Barre syndrome)
- History of malignant hyperthermia

Rocuronium Contraindications

- Known hypersensitivity to the drug

Administer paralytic agent:

Succinylcholine 2mg/kg IV/IO

Or

Rocuronium 1.2mg/kg IV/IO

or

Vecuronium 0.15-0.25 mg/kg IV/IO

Trachea Successfully Intubated

No

- Optimize SpO₂ via BVM
- Reattempt intubation x 1
- Utilize failed airway plan & proceed to protocol **Airway Management 3 of 3: Can't Ventilate & Can't Intubate**

Yes

- Secure ETT with commercial ETT restraint device and document depth of ETT at level of patient's incisors
- Reconfirm ETT placement by using continuous ETCO₂ capnography Measure and apply cervical collar to patient
- Proceed to protocol **Airway Management 3 of 3: Post-Intubation Airway Management**