Rapid Sequence Airway Management Medication Protocol

- **Note:**
  - It is the expectation Rapid Sequence Airway Management is the standard paradigm for advanced airway management
  - **Indications** for Intubation/Advanced Airway Management
    - Inability of patient to protect their airway
    - Unable to oxygenate effectively
    - Unable to ventilate effectively
    - Impending Airway Compromise
    - Safety of EMS personnel during transport
  - Use of Paralytics for intubation **requires the presence of 2 (two) EMS practitioners** credentialed in airway management and at least one provider credentialed in RSI.

Scope: PARAMEDIC/CRITICAL CARE

- **Preparation for Intubation:**
  - Prepare the patient, equipment and medications prior to initiating the procedure.
    - Initial post-intubation sedative and analgesic medications should be prepared for administration prior to intubation attempt
  - Pre-oxygenate patient
  - Administer medications.
- **Medication Algorithms:**
  - Consider pre-medication in stable patients and if able to be given at least 3-5 minutes prior to intubation. **Airway Management for deteriorating conditions or unstable patients takes presence over pre-medication**
    - **Atropine** (Bradycardia, Excessive Airway Secretions):
      - **Adult: 0.5mg IV/IO**
      - **Pediatric: 0.02mg/kg IV/IO**
    - **Lidocaine** (Reflex Mediated Bronchospasm and ICP Elevation)
      - **Adult/Pediatric: 1.5mg/kg IV/IO**
    - **FentaNYL** (Sympathetic Drive Mediated Tachycardia, Hypertension and Pain)
      - **Adult/Pediatric:1-3 mcg/kg IV/IO**
  - Induction Agents (Choose one)
    - **Etomidate**
      - **Adult/Pediatrics: 0.3mg/kg IV/IO**
    - **Ketamine**
      - **Adult/Pediatrics: 1-2mg/kg IV/IO**
  - **Paralytics** (Choose one)
    - **Succinylcholine: Adult/Pediatrics: 1-2mg/kg IV/IO**
      - **Less than 6 months old: 2-3mg/kg IV/IO**
    - **Rocuronium: 1mg/kg IV/IO (ideal body weight)**
    - **Vecuronium:**
      - **Adult/Pediatrics: 0.1-0.3mg/kg IV/IO (ideal body weight)**
- **See Intubation Procedure Protocol for further info**