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Make Decision Patient Requires Intubation
(Protection, Predicted Course, ↓ pO₂, ↑ pCO₂)

Airway Assessment (Physiologic and Physical Challenges)

DRUGS

Intubation Agent

Ketamine 1 to 1.5 mg/kg push, half if comatose

Paralytic

Rocuronium 1mg/kg push, 2mg/kg if hypotensive

Post-intubation Sedation (see back)

OPTIMIZE PHYSIOLOGY

Pre-ox with 100% FiO₂ x 3 minutes *for all*

15L by nasal prongs during procedure *for all*

Consider avoiding supine positioning

Consider need for pressors for all (push or infusion)

Push dose Epi: 1mL crash cart Epi in 9mL of saline

Give 1mL every 1-5 minutes PRN

EQUIPMENT

Primary and Back-up Laryngoscope

Suction at Operator Right Hand

BVM with O₂ attached +/- PEEP valve

ET Tube (8 males, 7.5 female) with stylet

Empty 10cc syringe for tube cuff

Supraglottic Airway

Cric Kit (Scalpel, Bougie, Kelly Clamps)

Confirm IV Access Functional

10 second timeout

Verbalize Plan (Primary, Secondary, Rescue) to Team

Set Cue for Operator to End Attempt (Sats, Time)

"Sterile Cockpit" during procedure

POST-INTUBATION

Ongoing ETCO₂ monitoring
Secure tube and place bite block
Raise head of bed to 30 degrees
Two more tubes for all (NG and Foley)
Consider two more lines for all (art line, central line)
Check cuff pressure (20-30cm H₂O)
BVM stays at bedside

POST-INTUBATION SEDATION

Analgesic (for everyone)

Fentanyl 25mcg bolus, then 25-50mcg/hr infusion
(max 200mcg/hr)

Sedative (at least one)

Propofol 10-20mg bolus, then 0.3mg/kg/hr infusion
(max: 3mg/kg/hour)

Ketamine 0.05mg-0.1mg/kg bolus, then 0.05mg/kg/hr infusion
(max: 0.15mg/kg/hr)

INITIAL VENT SETTINGS

Volume Control Mode (Lung Protective Strategy)

1. Volume: 6mL/kg ideal body weight
400mL for typical adult
 2. Rate: 16 breaths/min
Higher rate if acidotic, lower rates if air trapping (↑ exp. time)
 3. Inspiratory Pressure: Controlled by patient
 4. PEEP: 6-8 cmH₂O
Consider higher PEEP (up to 20 cmH₂O max) if CHF, ARDS
 5. Ti: 0.9-1.0
Decrease if air trapping/asthma (increases exp. time)
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Transfer to appropriate ongoing care
Team Debrief