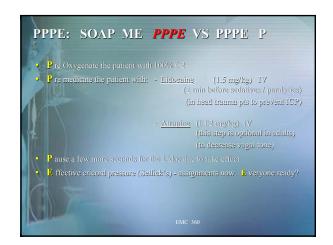
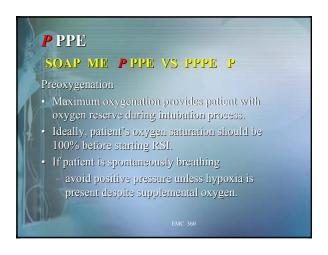


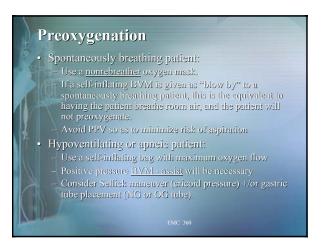
Preparation of Equipment, Laryngoscope, etc • Select laryngoscope blade type and size. • Tracheal tube sizes ready • Optional stylet in tube • Monitor oxygen saturation. • Prepare to maintain Sellick maneuver. • Prepare to suction — assistant should be able to pass this to you upon request. (There are several mnemonics and time lines for how to proceed)

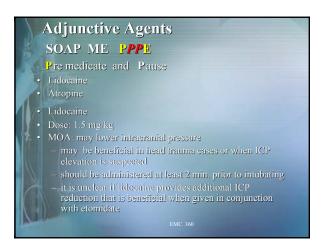






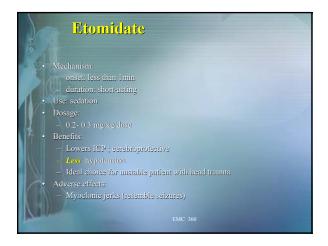


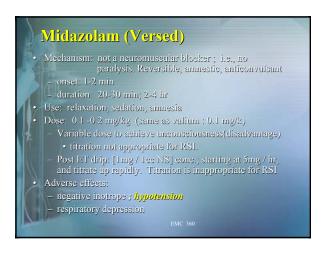


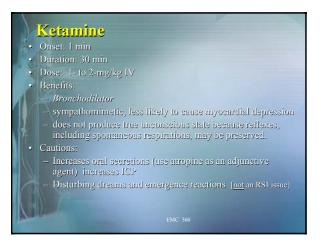


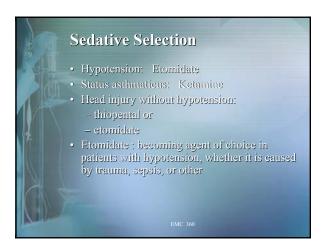


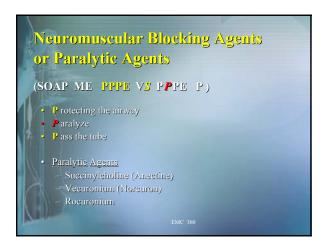


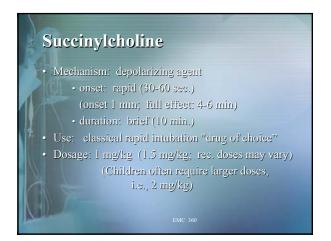


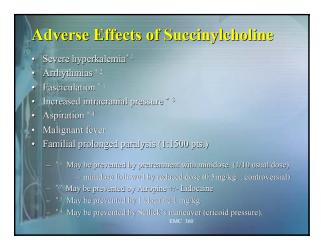


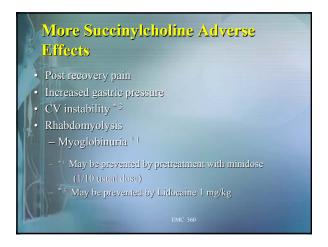




















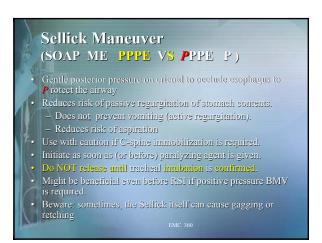






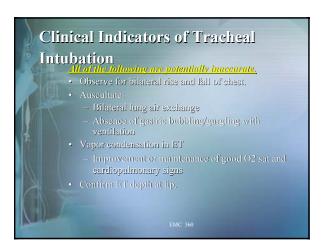
Priming of Non Depolarizing Agents Onset of rocuronium: about 90 sec. "Priming," shortens the onset time to 60 sec. Administer: one-tenth the usual dose of rocuronium then 5 min later, administer full dose. Shortens onset time of rocuronium, but may prolong the time to intubation by a full 5 min



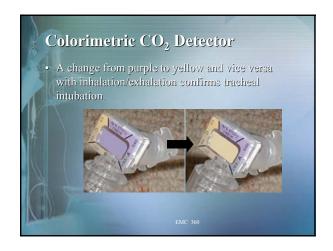




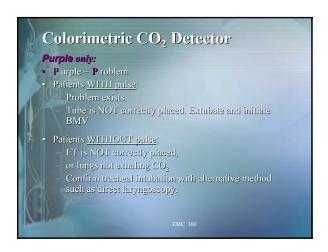


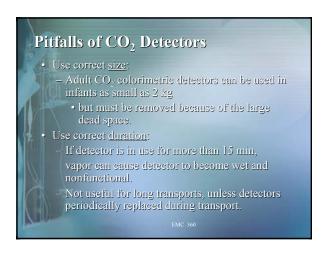


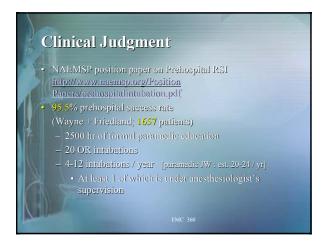




Colorimetric CO₂ Detector • Purple to Yellow: Yea! Secure ET. • Tan, Think about it. • Ventilate patient 6 more times and reassess clinically. • Consider alternative method of confirmation. • Attempt to correct cause of low perfusion or hypocarbia.



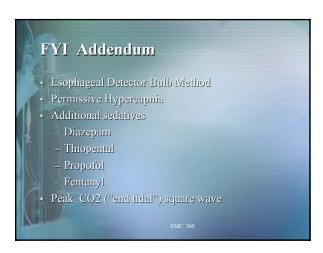




Contraindications to Field RSI Absolute contraindications Pin-in / entrapped patient with inadequate access to patient and airway; unstable or dangerous environment absence of qualified personnel or appropriate equipment Relative contraindications patients with relative contraindications to the pharmacologic agents necessary to perform RSI patients with evidence of difficult airway anatomy where RSI may not be appropriate, for example stridor, severe facial trauma, small mouth, short neck, or morbid obesity ["BONES"]

Placement of Endotracheal Tube • By direct orotracheal laryngoscopic visualization • Nasotracheal approaches should not be used in RSI • In general, each intubation attempt should cease after — 45 seconds or — if oxygen saturation drops below 90%. • Efforts at RSI should cease and alternate airway methods pursued if — ET tube is not placed by the third attempt.

Summary We have discussed: A review of the details of the RSI procedure RSI indications, contra indications, complications Alternative drugs for sedation and paralysis The advantages and disadvantages of these agents The importance of basic Sellick and BVM techniques



Esophageal Detector Bulb Method • First, squeeze it flat. • Attach it to ET, then release: — Rapid refill = Trachea — Slow refill = Esophagus • Pitfalls: — Rapid refill can also occur if ET is too high (ie., in larynx).

Permissive Hypercapnia Often it is not possible or even desirable to achieve perfect ventilation in some patients with with respiratory failure. asthmatics Aggressive attempt to ventilate may result in decreased venous retuirn and in pneumothorax (and tension pnthx). Permissive hypercapnia technique focuses primarily on oxygenation. High PCO₂ levels can be tolerated, but hypoxia is not well tolerated Maintaining oxygenation above 90% is focus.









