

Rapid Sequence Intubation

ESEC, LLC Online Learning System

Launch: January 1, 2016

Syllabus – 4.0hrs

Chapter 1 Introduction	5min
<ul style="list-style-type: none">• Course Introduction• Pretest• Introduction to RSI	
Chapter 2 Airway Anatomy	2min
<ul style="list-style-type: none">• Airway Anatomy and Physiology	
Chapter 3 Respiratory Physiology	64min
<ul style="list-style-type: none">• Alveolar Gas Exchange – Part 1• Alveolar Gas Exchange – Part 2• Henry's Law• O₂ and CO₂ Solubility• Graham's Law• Fick's Law• Oxygen Movement	
Chapter 4 Rapid Sequence Intubation	27min
<ul style="list-style-type: none">• RSI Defined• Indications for RSI• Contraindication for RSI• Apneic Oxygenation• Predicting Difficulty• Bougie• Suction / Stomach Cleaning	
Chapter 5 Induction Agents	11min
<ul style="list-style-type: none">• Atropine• Lidocaine• Etomidate• Ketamine• Midazolam	

Chapter 6 Neuromuscular Blocking Agents	17min
<ul style="list-style-type: none"> • Neuromuscular Junction • Succinylcholine • Rocuronium • Intubation Demonstrated • Pharmacology Review 	
Chapter 7 Ventilating the Paralyzed Patient	55min
<ul style="list-style-type: none"> • Waveform Capnography • Capnography Simulator • Bag Valve Ventilation and PEEP 	
Chapter 8 The Back-up Plan	18min
<ul style="list-style-type: none"> • Alternate Airways • Needle Cricothyrotomy 	
Chapter 9 Post Intubation Management	6min
<ul style="list-style-type: none"> • Sedation and Pain Control • Sedation and Pain Control Toolbox • Long Term Paralytics 	
Chapter 10 State of Alabama	10min
<ul style="list-style-type: none"> • Expanded Scope Review 	
Chapter 11 Service Protocols	20min
<ul style="list-style-type: none"> • Service Protocol Review 	
Chapter 12 Documentation	5min
<ul style="list-style-type: none"> • Key Documentation Points 	