

3-Day Advanced and Difficult Airway Course + Workshop Schedule

Day 1 Morning



Airway Anatomy and Assessment

- How to assess an airway
- Identification of landmarks
- Predicting a difficult airway
- Special scenarios
- Airway classification and grading



Indications for Airway Management

- Clinical conditions
- Respiratory status
- Anatomy
- Predictors of airway need
- Common approaches



Non-Invasive and Invasive Airway Management

- Escalation of intervention
- Sequential oxygenation
- BIPAP
- CPAP
- Endotracheal Intubation
- Airway Adjuncts (LMA, OPA)



Airway Options and Medications

- Types of airway devices
- Airway equipment
- Laryngoscopes
- Fiberoptic and Video Scopes
- Induction agents and dosing



Induction and Intubation

- Procedure organization and setup
- Stepwise airway protocols
- Anatomy
- Endotracheal Intubation
- Hands-On Procedure Practice



Tube Confirmation and Difficult Airway Management

- Confirmatory tests
- Defining an intact airway
- How to manage a failed airway
- Difficult airway algorithm and management
- Fiberoptic laryngoscopy
- Laryngeal mask airway
- Video laryngoscope

Day 1 Afternoon



Difficult Airway Algorithm and Simulation

- Application of the difficult airway algorithm
- Simulated patient scenarios
- Intubation with video laryngoscopy
- Hands-On airway procedure lab
- Individual review with instructor
- Certification Examination

Day 2 Morning



Cardiac Disorders

- Course Introduction
- Cardiac Overview
- EKG Interpretation
- Acute MI (recognition, management)
- Common Dysrhythmias
- Electrolyte Abnormalities and rhythm impacts
- Conduction blocks
- Bundle Branch Blocks
- Application to practice



Pulmonary Disorders

- Pulmonary Overview
- Basic Airway Assessment
- Pneumothorax
- Asthma Management
- COPD Management
- Supplemental Oxygenation
- Wells Criteria
- PERC Rule
- Using D-Dimer
- Pulmonary Embolism
- Treatment of Pulmonary Embolism



Introduction to Radiology – Chest and Abdomen

- Overview of Radiograph Interpretation
- Chest, Shoulder, Clavicle Radiographs
- Systemic Reading Process
- Abnormal Radiographs
- Radiographic Signs of Major Diseases
- Suggested treatment guidelines based on findings
- Radiographic Signs of High Impact Injuries
- Foreign body ingestion, aspiration, and insertion
- Pediatric foreign body aspiration and management

Day 2 Afternoon



Procedure Overview

- Procedural Overview
- Needle Decompression
- Chest Tube Insertion
- Tracheostomy Replacement
- Shoulder Reduction and Immobilization
- Upper Extremity Joint Aspiration
- Trigger Point Injection
- Nail Trephination
- Nail Removal
- Foreign Body and Fish Hook Removal
- Introduction to Suture Techniques



The Suturing Course

- Suture Clinic and Equipment Introduction
- Knot Tying
- Simple Interrupted
- Simple Running
- Mattress
- Subcutaneous/Multiple Layer Closure
- Staples
- Skin Adhesive
- Surgeon's Knot
- Buried Knot
- Billing and Documentation for Sutures
- Local Injections and Digital Blocks



Procedure Workshop

- Knee Injection and Aspiration
- Shoulder Injection
- Needle Decompression
- Chest Tube Insertion

Day 3 Morning



Cervical Spine Injuries

- Long Board and Collar Removal
- NEXUS Criteria
- Unstable Fractures
- Mechanisms of Common Fractures
- Immobilization
- Ordering the Correct Studies
- Correct Consult and Referral



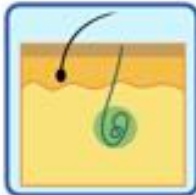
Thoracic and Lumbar Spine Injuries

- Spine form and function
- Mechanisms of Injury
- Unstable Fractures
- Mechanisms of Common Fractures
- Cauda Equina Syndrome
- Epidural Abscess
- Ordering the Correct Studies
- Correct Consult and Referral



Upper and Lower Extremity Injuries

- Speaking Orthopedics
- Common Patterns of Fractures
- Common Dislocation and Reduction Techniques
- Splinting Techniques and Compartment Syndrome
- Clavicle, Shoulder, Humerus, Elbow, Radius, Ulna, Paired fractures, Wrist and Carpal Bones, Hand
- Amputations
- When to Consult Orthopedics
- When to Consider Transfer/EMS
- What to send home



Skin Conditions Not to Miss

- Skin and Soft Tissue Conditions
- Emergent Rash Identification
- Cellulitis
- Abscess Incision and Drainage
- DVT Identification and Decisions Rules
- Burn Care and Referral Criteria
- What Not to Send Home



Procedure Workshop

- Procedure Clinic
- Lumbar Puncture
- Splinting Workshop
- Intraosseous Access
- Central Venous Catheter Insertion