

C&S Solutions Depth of Clinical Judgment Content Companion Score Report Topics

IG = Information Gathering

DM = Decision Making

Depth Of Clinical Judgment Content Companion 1, A

ADULT, CHRONIC LUNG DISEASE

A. Intubation And Invasive Mechanical Ventilation

1. Perform Intubation and Initiate Mechanical Ventilation (DM)
2. Set Initial Ventilator Settings (DM)
3. Maintain or Change a Ventilator Setting (DM)
4. Resolve Auto-PEEP (DM)
5. Resolve a Problem with the Ventilator (DM)
6. Resolve a Problem with the Endotracheal Tube (DM)
7. Evaluate/Review Diagnostic Data (IG)
8. Initiate, Maintain, or Terminate a Spontaneous Breathing Trial (DM)

B. Noninvasive Management

1. Initiate BiPAP (DM)
2. Set Initial BiPAP Settings (DM)
3. Maintain or Change BiPAP Settings (DM)
4. Wean or Discontinue BiPAP Therapy (DM)
5. Assist with Secretion Clearance or Lung Expansion Techniques (DM)
6. Initiate, Maintain, or Adjust Oxygen Therapy (DM)
7. Administer Aerosolized Therapies (DM)
8. Evaluate/Review Clinical Information (IG)

C. Outpatient Management

1. Recommend Aerosolized Therapies / Pharmacologic Interventions (DM)
2. Assist with Discharge Planning (DM)
3. Pulmonary Rehabilitation - Exercise Education and Training (DM)
4. Evaluate Procedure Results (IG)
5. Respiratory Home Care (DM)

D. Evaluation For A New Diagnosis

1. Evaluate Diagnostic Data to Confirm a Diagnosis (IG)
2. Interpret Diagnostic Data to Diagnose a Primary Disorder (IG)
3. PFT Results - Obstructive vs Restrictive / Classify The Severity (IG)
4. Differential Diagnosis for a New Superimposed Condition (IG)

Depth of Clinical Judgment Content Companion 1, B

ADULT, TRAUMA

A. Emergency Respiratory Care

1. Initial Airway Assessment (IG)
2. Manual Airway Maneuvers (DM)
3. Interpret Blunt Chest Trauma Imaging Studies (IG)
4. Manual Ventilation (DM)
5. Definitive Airway Management (DM)
6. Clinical Assessment in the ED (IG)
7. Chest Tube Insertion and Pleural Drainage Management (DM)
8. Evaluate a Patient's Deteriorating Condition (IG)

B. Invasive Mechanical Ventilation

1. Mechanical Ventilation Initiation (DM)
2. Ventilator Titration and Modification (DM)
3. Advanced Ventilator Management (DM)
4. Ventilator Weaning and Liberation (DM)
5. Interpret Respiratory Monitoring Results (IG)

C. Maintain A Patent Airway

1. Endotracheal Tube Management (DM)
 2. Tracheostomy Management (DM)
 3. Post-extubation Management (DM)
 - D. Core Respiratory Care Interventions and Clinical Assessment
 1. NIV Management (CPAP/BiPAP) (DM)
 2. Secretion Clearance (DM)
 3. Advanced Airway Clearance (DM)
 4. Aerosol Medications and Specialty Gases (DM)
 5. Supplemental Oxygen Delivery (DM)
 6. Interpret Arterial Blood Gas Results (IG)
 7. Diagnostic Procedures - Laboratory Tests (IG)
 - E. Home Care/Patient Transport
 1. Management of In-Home Mechanical Ventilation (DM)
 2. Land/Air/In-Hospital Patient Transport (DM)
-

Depth of Clinical Judgment Content Companion 1, C

ADULT, CARDIOVASCULAR

- A. Heart Failure
 1. Pulmonary Edema Recognition and Assessment (IG)
 2. Oxygen Therapy and Noninvasive Ventilation (DM)
 3. Invasive Mechanical Ventilation For Respiratory Failure (DM)
 4. Interpret/Evaluate Hemodynamic and Gas Exchange Data (IG)
 5. Outpatient Chronic Management and Patient Education (DM)
 - B. Arrhythmia
 1. ECG Rhythm Diagnostics (DM)
 2. Respiratory Assessment During Cardiac Dysrhythmias (IG)
 3. Procedure-Related Arrhythmias (DM)
 4. Airway and Ventilatory Support During Cardioversion (DM)
 5. Continuous Cardiopulmonary Monitoring (IG)
 - C. Pulmonary Hypertension
 1. Oxygen Therapy and Hypoxemia Management (DM)
 2. Inhaled Pulmonary Vasodilator Therapy (DM)
 3. Invasive Mechanical Ventilation Strategies for RHF (DM)
 4. Airway Clearance and Secretion Management (DM)
 5. Outpatient Diagnostics and Monitoring (IG)
 - D. Myocardial Ischemia / Myocardial Infarction
 1. Airway Management During CPR (DM)
 2. Interpret ECG Rhythm and Hemodynamic Disturbances (IG)
 3. Noninvasive Ventilation Initiation and Adjustment (DM)
 4. PCI And Post-PCI Respiratory Monitoring (IG)
 5. Monitoring For Pulmonary Complications (DM)
 - E. Pulmonary Embolism / Cardiogenic Shock
 1. Recognizing Hypoxemia and Respiratory Distress (DM)
 2. Evaluate Dead Space and Gas Exchange (IG)
 3. Invasive Mechanical Ventilation (DM)
 4. Noninvasive Ventilation (DM)
 5. Assist Physician with Interventional Procedures (DM)
-

Depth of Clinical Judgment Content Companion 1, D

ADULT, NEUROLOGICAL or NEUROMUSCULAR

1. Administer Aerosolized Therapies (DM)
2. Airway Clearance Techniques And Management (DM)
3. Clinical Assessment In The ED (IG)
4. Discharge Planning (DM)

5. Evaluate a Patient's Deteriorating Condition (IG)
 6. Evaluate Procedure Results (IG)
 7. Diagnostic Testing to Determine the Diagnosis (DM)
 8. Initiate, Maintain, or Adjust Oxygen Therapy (DM)
 9. Interpret Diagnostic Procedures (IG)
 10. Interpret Imaging Studies (IG)
 11. Interpret Pulmonary Function Results (IG)
 12. Interpret Respiratory Monitoring Results (IG)
 13. Mechanical Ventilation Initiation (DM)
 14. Mechanical Ventilation Titration and Modification (DM)
 15. Mechanical Ventilation Weaning and Liberation (DM)
 16. Mechanics of Spontaneous Ventilation (DM)
 17. Noninvasive Ventilation Initiation/Adjustments/Weaning (DM)
 18. Outpatient Diagnostics and Monitoring (DM)
 19. Patient and Caregiver Education (DM)
 20. Respiratory Home Care (DM)
 21. Respiratory Muscle Strength Assessment (DM)
 22. Secretion Clearance (DM)
 23. Secretion Management (DM)
 24. Tracheostomy Management (DM)
 25. Troubleshoot Devices (DM)
-

Depth of Clinical Judgment Content Companion 1, E

ADULT, MEDICAL

A. Infectious Disease

1. Evaluate Procedure Results (IG)
2. Aerosolized Medications and Inhaled Antimicrobials (DM)
3. Invasive Mechanical Ventilation (DM)
4. Infection Prevention and Isolation Precautions (DM)

B. Acute Respiratory Distress Syndrome (ARDS)

1. Classify Disease Severity (IG)
2. Interpret Imaging Studies (IG)
3. Lung-Protective Ventilation Strategies (DM)
4. Application of ARDS Guidelines Other Than Lung-Protective (DM)

C. Immunocompromised

1. Interpret/Evaluate Procedure Response (IG)
2. Obtain Diagnostic Specimens (DM)
3. Noninvasive Mechanical Ventilation (DM)
4. Airway Clearance and Secretion Management (DM)
5. Respiratory Home Care (DM)

D. Obesity

1. Diagnosis for Obstructive Sleep Apnea (DM)
2. Interpret Sleep Study Results (IG)
3. CPAP Selection and Titration (DM)
4. Postoperative Bariatric Surgery Management (DM)

E. Drug Toxicity

1. Recognize and Treat Opioid-Induced Respiratory Depression (DM)
2. ECG Rhythm Interpretation (IG)
3. Invasive Mechanical Ventilation (DM)
4. Capnography and ABG Interpretation (IG)

F. Other

1. Tracheostomy Management / Care / Troubleshooting (DM)
 2. Diagnosis of a Superimposed Lung Condition (IG)
 3. Assist Physician with Interventional Procedures (DM)
 4. Outpatient Diagnostics and Monitoring (IG)
-

Depth of Clinical Judgment Content Companion 1, F

ADULT, PRE- AND POST-OPERATIVE CARE

A. Pre-operative Care

1. Pulmonary Assessment (IG)
2. Identify High-Risk Patients (IG)
3. Pulmonary Function Testing (IG)
4. Arterial Blood Gas Evaluation (IG)
5. Smoking Cessation Counseling (DM)
6. Incentive Spirometry Instruction (DM)
7. Deep Breathing and Coughing Education (DM)
8. Airway Clearance Planning (DM)
9. Optimization of Bronchodilator Therapy (DM)
10. Airway Assessment for Difficult Intubation (IG)
11. Evaluation for Noninvasive Ventilation (IG)
12. Oxygenation Assessment (IG)
13. Inspiratory Muscle Training (IG)
14. Patient Education on Post-operative Pulmonary Care (DM)
15. Communication of Respiratory Recommendations (DM)

B. Post-operative Care

1. Assessment for Pulmonary Complications (IG)
 2. Lung Expansion Therapy (DM)
 3. Airway Clearance and Secretion Management (DM)
 4. Oxygen Therapy and Titration (DM)
 5. Assessment for Hypoventilation (IG)
 6. Noninvasive Ventilation (DM)
 7. Mechanical Ventilation Management and Weaning (DM)
 8. Early Mobilization and Positioning (DM)
 9. Recognition of Respiratory Emergencies (DM)
 10. Patient Education and Reassessment (DM)
-

Depth of Clinical Judgment Content Companion 2, A

PEDIATRIC

A. Asthma

1. Acute Asthma Assessment and Severity Classification (IG)
2. Aerosol Bronchodilator and Corticosteroid Management (DM)
3. Oxygen Therapy and Escalation of Respiratory Support (DM)
4. Mechanical Ventilation for Status Asthmaticus (DM)
5. Patient and Caregiver Education with Discharge Planning (DM)

B. Infectious Disease

1. Diagnostic Testing and Respiratory Monitoring (IG)
2. Airway Clearance and Secretion Management (DM)
3. Noninvasive Ventilation (DM)
4. Mechanical Ventilation and Airway Management (DM)
5. Recognition of Pulmonary Complications (IG)

C. Bronchiolitis

1. Assessment of Respiratory Distress and Continuous Monitoring (IG)
2. Oxygen Therapy and High-Flow Nasal Cannula (DM)
3. Airway Clearance and Nasopharyngeal Suctioning (DM)
4. Escalation to Invasive Ventilatory Support (DM)
5. Blood Gas Assessment and Diagnostic Monitoring (IG)

D. Chronic Lung Disease of Prematurity

1. Oxygen Therapy and Oxygen Titration (DM)
2. Mechanical Ventilation and Noninvasive Respiratory Support (DM)
3. Assessment and Monitoring of Gas Exchange (IG)
4. Aerosol Medication Administration (DM)

- 5. Airway Clearance and Long-Term Respiratory Management (DM)
 - E. Congenital Defect
 - 1. Assessment of Cyanosis and Oxygenation (IG)
 - 2. Perioperative Respiratory Assessment (IG)
 - 3. Post-Operative Respiratory Management (DM)
 - 4. Mechanical Ventilation Management (DM)
 - 5. Airway Management and Secretion Clearance (DM)
-

Depth of Clinical Judgment Content Companion 2, B

NEONATAL

- A. Resuscitation
 - 1. Initial Newborn Assessment (IG)
 - 2. Initial Stabilization (DM)
 - 3. Positive-Pressure Ventilation (PPV) (DM)
 - 4. Corrective Ventilation Steps (MR SOPA) (DM)
 - 5. Oxygen Administration and FiO₂ Titration (DM)
 - 6. Pulse Oximetry and ECG Monitoring (IG)
 - 7. Noninvasive Respiratory Support (DM)
 - 8. Endotracheal Intubation and Airway Management (DM)
 - 9. Chest Compressions (DM)
 - 10. Medication Administration (DM)
 - 11. Post-Resuscitation Respiratory Management (DM)
 - 12. Equipment Preparation and Troubleshooting (DM)
- B. Respiratory Distress Syndrome
 - 1. Recognition and Initial Assessment (IG)
 - 2. CPAP Initiation and Management (DM)
 - 3. Surfactant Therapy (DM)
 - 4. Conventional Mechanical Ventilation (DM)
 - 5. High-Frequency Ventilation (HFOV/HFJV) (DM)
 - 6. Blood Gas Interpretation and Ventilator Adjustment (IG)
 - 7. Chest Radiograph Interpretation (IG)
 - 8. Ventilator Weaning (DM)
 - 9. Assessing Extubation Readiness (IG)
 - 10. Airway and Secretion Management (DM)
 - 11. Ventilator Troubleshooting (DM)
 - 12. Recognition and Management of Complications (IG)
 - 13. Respiratory Monitoring (DM)