

Resident's Levels of Care
Pulmonary & Critical Care Medicine
Levels: PGY IV and V

Clinical Diagnosis Management	Clinical Non-Invasive Management	Clinical Invasive (Operative) Management
I. Perform and document history & physical examination	I. Perform orotracheal and nasotracheal intubation	I. Perform emergency pericardiocentesis
II. Formulate differential diagnosis	II. Perform basic and advance cardiac life support	II. Perform thoracentesis
III. Obtain and document informed consent	III. Manage mechanical ventilation in acute and chronic respiratory failure	III. Perform pleural biopsy
IV. Perform pulmonary artery catheterization	IV. Request continuous renal replacement therapies when appropriate	IV. Perform tube thoracostomy
V. Order appropriate consults	V. Perform electrical cardioversion	V. Perform therapeutic bronchoscopy
VI. Understand the role of the pulmonary & critical care physician as a consultant to other physicians	VI. Perform transcutaneous cardiac pacing	VI. Perform bronchoscopy with transbronchial biopsy
VII. Perform arterial catheterization	VII. Order continuous sedatives and analgesics in the critically	VII. Insert temporary transvenous pacemakers
VIII. Interpret hemodynamic parameters in critically ill patients	VIII. Perform monitored conscious sedation for invasive procedures	VIII. Perform emergency cricothyrotomy
IX. Perform diagnostic flexible fiberoptic bronchoscopy	IX. Perform intravenous anesthetic induction for intubation	IX. Place catheter for endobronchial brachytherapy
X. Interpret chest radiographs and CT images of the chest	X. Manage complex fluid and electrolyte disorders	X. Perform pleurodesis
XI. Interpret therapeutic drug levels for antibiotics and other drugs	XI. Perform intravenous thrombolytic therapy	
XII. Understand the basic fundamentals of sleep polysomnography interpretation	XII. Order appropriate pharmacologic therapy for management of circulatory shock and related disorders	
XIII. Interpret pulmonary function tests including spirometry, lung volumes, diffusing capacity, and methacholine challenge testing	XIII. Order parenteral nutrition during critical illness	
XIV. Interpret cardiopulmonary exercise testing		