

## Pulmonology Goals and Objectives

### Medical Knowledge

The resident should be able to:

1. Discussion, evaluation, and management for the following scenarios:
  - a. Clinical utility and interpretation of spirometry, PFT's, ABG's in managing pulmonary patients.
  - b. Pneumonia including CAP, hospital acquired pneumonia, aspiration pneumonia, identifying most likely pathogens and appropriate antimicrobial therapy.
  - c. Asthma management including appropriate pharmaceutical therapies in a step wise management depending on severity.
  - d. Management of Status Asthmaticus.
  - e. COPD, AECB, diagnosis and management both chronic management and acute exacerbations therapy.
  - f. Diagnosis and management of DVT/P.E.
  - g. Diagnosis of pulmonary malignancy both primary and metastatic.
  - h. Diagnosis and management of TB, pulmonary fungal infections, and pulmonary infections of immunocompromised patients.
  - i. Indications for thoracentesis and appropriate lab studies of pleural effusions.
  - j. Recognition of pulmonary manifestations of systemic diseases.
  - k. Respiratory distress and indications for ET intubation.

### Patient Care

The resident should be able to:

1. Give oral and written presentations to attendings in an organized, concise, accurate manner that include differential diagnoses and management plans.
2. Demonstrate principles of patient autonomy, confidentiality, and informed consent.
3. Develop and demonstrate ability to work in an organized, efficient manner in assessing and triaging patients according to urgency.
4. Use laboratory tests, x-rays, and pulmonary function tests appropriately in delivering patient care.

### Interpersonal Communication Skills

The resident should be able to:

1. Effectively communicate with attendings and other healthcare members as a team in coordinating comprehensive healthcare.
2. Effectively communicate medical decisions and recommendations to colleagues and patients.
3. Discuss and demonstrate strategies to discuss sensitive subjects with patients.
4. Demonstrate effective, compassionate and empathetic communication with patients and families while considering psychosocial, economic, and cultural issues of care.

### Systems-based Practice

The resident should be able to:

1. Demonstrate effective, compassionate and empathetic communication with patients and families while considering psychosocial, economic, and cultural issues of care.
2. Utilize ancillary services to provide cost-effective and economically appropriate medical treatments.

### Practice-based Learning and Improvement

The resident should be able to:

1. Appraise and assimilate scientific evidence to guide improvement in patient care.
2. Incorporate formative evaluation feedback into daily practice.
3. Use information technology to optimize learning.

### Professionalism

The resident should be able to:

1. Present themselves professionally in regards to dress, punctuality, and interactions with patients, families, and all medical care providers.
2. Demonstrate compassion, integrity, and respect for others.
3. Demonstrate respect for patient privacy and autonomy.
4. Apply the principles of medical ethics to decision making.

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Resident

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Faculty

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Date