

Name of rotation: Pulmonary Consultation Service **Division:** Pulmonary/Critical Care Medicine

Course Director: E. James Britt, M.D. **Site(s):** UMMC & VA

Duration of rotation: one month only
 2 weeks possible

General description of the rotation including educational purpose, rationale or value:

The resident will assist in the operation of the consultation service by evaluating inpatients, interpreting pulmonary function studies, assisting with procedures relevant to the specialty practice, and reviewing relevant pathologic material. The main goal of this rotation is to enable the resident to diagnose and treat diseases related to the respiratory system. The medical team consists of a pulmonary consultation fellow and an R-1, 2, or 3 resident and up to two students on elective. Residents learn the basic and advanced clinical skills required for pulmonary medicine through daily rounds with the fellow and faculty member. Residents are encouraged to use library resources to obtain current literature on disease processes and management.

Resident responsibilities, including interns and residents:

The pulmonary fellow has primary responsibility for all patients on the consultation service, including complete history and physical examination, daily progress notes, documentation of all procedures, and teaching of residents, interns and students. The resident is expected to assist the pulmonary fellow and share this responsibility in managing the clinical care of the patients and educating the interns and students. The resident is also responsible, with the help of the faculty and fellow, for the preparation of one chest conference. Residents may attend pulmonary clinic or see private consultations in conjunction with the faculty practice on one or more half-days each week.

Educational Objectives: An expanded version of the competencies is listed under Core Competencies in Internal Medicine. Those listed here are specific to this rotation. Since residents may choose this elective during any year of training, PGY-1 goals and objectives are distinct for those for upper level residents, and PGY-2 and 3 goals and objectives are similar.

During this rotation, the PGY-1 resident will:

Patient Care

1. Learn to care for patients with a variety of pulmonary diseases, both primary and secondary, as well as principles of cost containment, psychosocial issues and medical ethics through a multidisciplinary approach.
2. Develop increasing independence in patient evaluation and management.

Medical Knowledge

1. Expand their knowledge base in pulmonary medicine.
2. Learn the indications, contraindications, and skills involved in the performance of diagnostic and therapeutic procedures, e.g., bronchoscopy, pleural biopsy, pulmonary function studies and exercise testing.

Practice-Based Learning - See Core Competencies

Interpersonal and Communication Skills

1. Enhance their interpersonal, leadership and teaching skills.

Professionalism – See Core Competencies

System-Based Practice – See Core Competencies

During this rotation, the PGY-2 or 3 resident will:

Patient Care

1. Initiate care for patients with a variety of pulmonary diseases, both primary and secondary, as well as principles of cost containment, psychosocial issues and medical ethics through a multidisciplinary approach.
2. Lead the consultation team, along with the fellow, in the evaluation and management of these patients.

Medical Knowledge

1. Expand their knowledge base in pulmonary medicine through primary source readings or evidence based medicine topics.

2. Detail the indications, contraindications, and skills involved in the performance of diagnostic and therapeutic procedures, e.g., bronchoscopy, pleural biopsy, pulmonary function studies and exercise testing.

Practice-Based Learning - See Core Competencies

Interpersonal and Communication Skills

1. Teach other learners on the team, e.g., interns, students.
2. Enhance their interpersonal and leadership, demonstrating high level of competence.

Professionalism – See Core Competencies

System-Based Practice – See Core Competencies

Check all principle teaching methods used during this rotation:

<input checked="" type="checkbox"/>	Attending teaching rounds	<input checked="" type="checkbox"/>	Interdisciplinary rounds
<input checked="" type="checkbox"/>	Patient management discussions	<input checked="" type="checkbox"/>	Small group discussions
<input checked="" type="checkbox"/>	Conferences specific to rotation	<input checked="" type="checkbox"/>	Bedside clinical rounds
<input checked="" type="checkbox"/>	Individual instruction of procedures	<input checked="" type="checkbox"/>	Review of diagnostic studies, including radiology
<input type="checkbox"/>	Other: _____		

Describe the most important educational content, including the mix of diseases, patient characteristics, types of clinical encounters, procedures and services:

Residents care for a wide variety of pulmonary patients. The pulmonary attending utilizes each case for teaching and is the physician of record for all patients. Clinical encounters include rounds and direct patient care.

Check the principal ancillary education materials used:

<input checked="" type="checkbox"/>	Reading lists	<input type="checkbox"/>	Pathologic material
<input checked="" type="checkbox"/>	Radiologic studies	<input type="checkbox"/>	Other noninvasive studies
<input checked="" type="checkbox"/>	Handouts on relevant topics	<input type="checkbox"/>	Articles from the literature
<input checked="" type="checkbox"/>	Other: Pulmonary Function Tests	<input type="checkbox"/>	Case studies

Methods used to evaluate the resident and the rotation:

<input checked="" type="checkbox"/>	Evaluation of residency performance and professionalism
<input checked="" type="checkbox"/>	Evaluation of attending teaching skills and other attributes
<input checked="" type="checkbox"/>	Rotation assessment by resident
<input checked="" type="checkbox"/>	Observation of resident's clinical competency
<input checked="" type="checkbox"/>	Observation of resident's leadership and teaching skills
<input checked="" type="checkbox"/>	Review of the resident's history/physical exam, progress notes and documentation of procedures in the chart
<input checked="" type="checkbox"/>	Resident's attendance of rounds and conferences monitored
<input type="checkbox"/>	Other: _____

Identify strengths and limitations specific to the resources of the sponsoring institution:

This is a tertiary referral center which receives patients with a wide variety of pulmonary medical conditions. The pulmonary consultation team has twelve physicians who are Board certified in pulmonary medicine and the institution has excellent diagnostic and therapeutic facilities.

Conferences or Attending/Patient Care Rounds: (Journal club, division rounds, etc.)

<u>Name</u>	<u>Location</u>	<u>Day</u>	<u>Time</u>
Research Conf, Journal Club	VA	Tuesday	8:00 am
Interdisciplinary Chest Conference	UMH	Wednesday	3:00 pm
<u>Clinics:</u>			
Pulmonary	UHC	Wednesday	9:00 am - 12:00 noon
Pulmonary	VA	Thursday	1:00 - 4:00 pm
Asthma	UHC	Tuesday	12:00 - 3:00 pm

Other information: Specialized elective experiences can be constructed which expand outpatient opportunities in specialized areas for which the division has some notoriety such as pulmonary hypertension, asthma research and transplantation.

The resident and faculty members of the Postgraduate Education Committee reviewed and edited the content of this curriculum at its meeting on 7/18/07.