

Name of rotation: **Oncology Inpatient Rotation** **Division: Hematology/Oncology**
Course Director: **Barry Meisenberg, M.D.** **Site(s): UMMC**
Duration of rotation: **one month only**
 2 weeks possible

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

The main goal of this general oncology rotation in the Greenebaum Cancer Center is to provide a milieu for the residents in which they learn the principles of medical oncology and malignant hematology from the perspective of the hematologist/oncologist team consisting of 2 residents and 1 student subintern. Residents care for patients with a broad variety of malignancies, under the guidance of full-time faculty and fellows from the Division of Hematology/Oncology. Residents either spend one month on the leukemia service or one month on the solid tumor service. Through the use of patient care rounds, teaching rounds led by the attending, and small group discussions, residents learn the basic and advanced clinical skills necessary for the management of patients with malignant diseases. Emphasis is placed on treatment of common cancers in a cost effective manner, medical ethics and holistic care. Interdisciplinary care rounds provide residents with an opportunity to learn different methods of evaluating patient function and improve patient care.

Resident responsibilities, including interns and residents:

Residents have primary care responsibility for all patients admitted to them during the day, including a complete history and physical examination, daily progress notes, documentation of all procedures and teaching of subinterns. All residents are expected to attend Morning Report, Grand Rounds, CPC, Ambulatory Care Seminars and Journal Club during this rotation. Residents are expected to take night call during their rotation.

Educational Objectives: An expanded version of the competencies is listed under Core Competencies in Internal Medicine. Those listed here are specific to this rotation.

All objectives pertain to PGY-2, 3 and above residents. Upper level resident have one rotation on the Solid Tumor Service and one on the Hematology / Leukemia Service. PGY-1 residents do not rotate on this service.

Patient Care

1. Demonstrate approach to patient care from the perspective of the hematologist/oncologist, including appropriate diagnostic and therapeutic approaches, cost containment, social issues, the safe use of chemotherapy, the treatment of chemotherapy related side effects and medical ethics through a multidisciplinary approach.
2. Develop increasing independence in patient evaluation and management of symptoms such as nausea, pain and fatigue.

Medical Knowledge

1. Expand knowledge base in hematology/oncology.

Practice-Based Learning

1. Locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems.

Interpersonal and Communication Skills – See master list for these competencies.

1. Enhance their interpersonal, leadership and teaching skills.

Professionalism – See master list for these competencies.

System-Based Practice

1. Practice cost-effective health care and resource allocation that does not compromise quality of care.
2. Advocate for quality patient care and assist patients in dealing with system complexities.
3. Partner with health care managers and health care providers to assess, coordinate, and improve health care through interdisciplinary rounds.

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"/>	Beside 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:

Inpatients reflect the current mix of patients being treated at the Cancer Center. The attending is the physician of record for all patients admitted on 9 West. The attending teaches on all patients. Clinical encounters include bedside rounds, work rounds, attending rounds, and direct primary care by residents.

Check the principal ancillary education materials used:

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

Methods used to evaluate the resident and the rotation:

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|-------------------------------------|---|
| <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:

The Cancer Center strengthens this rotation by providing supportive ancillary services, including phlebotomy, respiratory therapy and unit clerk activities. An upgraded user-friendly computer system facilitates access to clinical laboratory and radiologic data with order entry for radiologic studies. No major limitations of the sponsoring institution have been noted.

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

<u>Name</u>	<u>Location</u>	<u>Day</u>	<u>Time</u>
Attending Rounds	GCC	Daily	9:00 – 12:00 pm
GCC Grand Rounds	UMH	Monday	12:00 noon
Neuro-Oncology Conf	GCC	Wednesday	4:00 pm
Leukemia Conf	GCC	Tuesday	12:00 noon

The resident and faculty members of the Postgraduate Education Committee reviewed and edited the content of this curriculum at its meeting on 9/18/07.