

Hematology/Oncology Elective Rotations

Palliative Medicine / Supportive Care Rotation Curriculum

Objectives:

- Develop skills in patient communication with emphasis on serious illness communication
- Develop skills in primary and specialist management of pain and non-pain symptoms
- Develop skills in prognostication
- Develop understanding of healthcare systems for serious illness including palliative and hospice care across care settings

Expectations:

- Fellows will participate in specialist palliative medicine consultation consistent with their interests and abilities
 - Fellows will lead patient/family communication, supervised by attending and/or nurse practitioners, independently by end of rotation.
 - All fellows will attempt to independently develop plans for symptom management and practice prognostication under supervision of attendings and/or nurse practitioners

Fellows will be provided teaching sessions throughout the rotation dependent on attending and fellow schedules and fellow interests

Palliative Medicine Fellow Quick Talks (15-30min)			
Pain	Non-Pain Symptoms	Communication	Health Systems
Pain assessment and non-opioid analgesia	Nausea and vomiting	Breaking bad news	What is hospice and how does it work?
Initiating and titrating opioids	Dyspnea	Responding verbally to emotion	
Long acting opioids and opioid rotation	Active dying	Responding to miracle seeking	

Fellows will be provided a small number of articles to read at the start of their rotation.

Additional resources:

- Communication:
 - <https://www.vitaltalk.org/>
- Prognostication:

- <https://eprognosis.ucsf.edu/>
- Blog with excellent articles and references:
 - <https://www.geripal.org/>

Hematology & Oncology Fellow Breast Imaging Rotation Curriculum

Supervising Attending(s): L Green, Lai, Neuschler, Brown, R Green, Xie

A. Introduction/Objectives:

The fellow on this rotation will participate in the evaluation of the patient, the performance of the imaging study and the final interpretation.

This rotation begins at 8:00 AM (7:30 AM for MRI-guided breast biopsies) and ends at 5:00 PM.

B. Attending Coverage:

Fellows work with the attending physician assigned to the service.

Dr. Lauren Green (pager 8895), Dr. Lai (), Dr. Neuschler (8412), Dr. Brown (7116), Dr. Richard Green (6002), Dr. Xie (8402)

C. General Goals of the Rotation:

After completing the elective rotation, the fellow will be able to achieve competencies in the following general areas:

1. Clinical patient care
2. Medical knowledge as it relates to breast imaging and interventions
3. Practice-based learning and improvement
4. Interpersonal and communication skills in patient care in breast imaging & interventions
5. Clinical professionalism
6. Systems-based practice in breast imaging and interventions

Specific Goals include:

- Become familiar with aspects of the breast imaging including mammography, tomosynthesis (when available), breast ultrasound, breast MRI and image-guided interventional breast procedures.
- Become familiar with the operations of a breast imaging clinic from evaluation of the clinical request, obtaining pertinent clinical information and patient medical history, interpretation of imaging studies and dictation of a report.
- Know the differences between screening and diagnostic breast imaging and their indications.
- Recognize mammographic patterns of normal breast parenchyma.
- Understand and properly utilize BI-RADS lexicon, final assessment categories and appropriate recommendations for mammography, ultrasound and MRI.
- Recognize imaging findings of common benign and malignant breast diseases
- Know ACR Practice Standards for screening mammography
- Option to attend Breast Tumor Board.

Be familiar with quality measures for breast imagers (screening call-back rate, PPV, etc.)

Hematology & Oncology Fellow Radiation Oncology Rotation Curriculum

Objectives

The goal of this clinical rotation is for fellows to learn the fundamentals of radiation oncology. Fellows interested in gaining a deeper understanding of oncology care but not planning to pursue radiation oncology will find this course useful to understand radiation oncology as a specialty and therefore better be able to coordinate and deliver optimal multi-disciplinary care and counsel future patients. During the rotation, fellows will work with attendings who specialize in treatment of a variety of disease sites. Fellows actively participate in the work-up, evaluation, and development of radiation treatment recommendations for patients seen in consultation for both curative and palliative intent. Fellows will learn basics of obtaining informed consent for radiation and participate in end-of-life or goals of care discussions.

By the end of this course fellows should understand:

- The basic flow and structure of a radiation oncology clinic
- The basic history of radiation oncology as a medical specialty
- How radiation oncology optimally integrates into multi-disciplinary cancer care
- How to clinically evaluate patients with cancer
- How to develop an integrated radiation & clinical oncology treatment recommendation
- The importance of using evidence to determine treatment recommendations
- Early and late sequelae of radiation therapy
- Basics of radiation oncology clinical emergencies
- Basic radiation biology and physics
- Fundamentals of patient immobilization and simulation
- Basics of developing and evaluating a radiation treatment plan

Expectations:

- Fellows attend weekly departmental chart rounds, morning reports, procedures (brachytherapy or radiosurgery), and multi-disciplinary tumor boards.
- Fellows participate in patient simulations, treatment planning and dosimetry, and radiation treatments.
- Fellows participate in a formal didactic curriculum which includes lectures on fundamentals of radiation oncology, radiation biology and physics, radiation emergencies, and patient set-up and immobilization.
- Fellows complete hands-on treatment planning and contouring workshops with a faculty preceptor.

Hematology & Oncology Fellow Gynecologic Oncology Rotation Curriculum

University of Illinois at Chicago

Description of Rotation or Educational Experience

The Gynecologic Oncology elective rotation for the Hematology & Oncology Fellowship Program at the University of Illinois at Chicago provides fellows with experience in developing competency in the diagnosis and management of the full range of gynecologic oncology disorders.

Objectives

- Fellows will develop a knowledge base to appropriately assess and manage gynecologic oncology patients.
- Describe the stages of each gynecologic malignancy and the rationale behind the method.
- Describe the principles of chemotherapy for gynecologic oncology tumors.
- Explain the rationale of and options for radiotherapy for gynecologic oncology tumors.
- Recognize risk factors and appropriate screening to detect pre-invasive and invasive disease, and provide education and counseling.
- Describe the evidenced based protocols for the management of the gynecologic oncology patient.
- Understand the advantages and disadvantages of different treatment modalities for malignancy.

Expectations and Responsibilities

Professional responsibilities:

- Timely completion of accurate notes and documentation
- Participate in the diagnosis, decision making, counseling and management of gynecologic oncology patients.

CLINIC:

Clinic is located in 1E in the OCC. Fellows are expected to be present in the attendings' clinic unless otherwise assigned.

General clinic schedule (subject to change):

Tuesday (AM and PM)

Friday (cervix cancer clinic - AM only)

Friday ARNP clinic (AM only)

Every patient in the clinic presents an excellent learning opportunity ranging from the evaluation of a new patient with a gynecologic malignancy, to assessment of chemotherapy toxicities and treatment decision making, perioperative management of complex patients, surveillance for cancer recurrence and goals of care discussions.

Please be prepared to see the patient as soon as she is roomed in the clinic. Please be sensitive to the work flow of the clinic, and avoid keeping patients waiting. Your attending and ARNP will manage the flow collaboratively with you.

TUMOR BOARD:

The Gynecologic Oncology Tumor Board is held every Tuesday morning at 8:30 am by webex invitation. Please contact Team CSR at the beginning of your rotation to be included in the weekly emails during your rotation.

The tumor board is a multidisciplinary conference in which newly diagnosed cancers (or recurrences) are discussed and reviewed.

Treatment recommendations at tumor board should be evidence based. It is helpful to familiarize yourself with NCCN guidelines, available at www.NCCN.org. This is also a helpful resource for learning about management strategies in cancer care.

SCHEDULE AT A GLANCE:

Time	Monday	Tuesday	Wednesday	Thursday	Friday
AM	UIC OR / FLOOR	8:30 Tumor board ONC CLINIC	UIC OR / FLOOR	R2 COC	MultiD cvx clinic ARNP clinic 1:00 pre-op conference
PM	UIC OR / FLOOR	ONC CLINIC R4 COC	UIC OR / FLOOR	FLOOR	

Reading Assignments

In addition to text books, we recommend the use of primary literature and critical syntheses of literature (eg., *UpToDate*).

Suggested texts:

Introductory/overview of gyn onc:

Disaia, Creasman et al. *Clinical Gynecologic Oncology*

Berek and Hacker *Gynecologic Oncology*

In depth (PGY-4 and fellow level):

Barakat, Markman et al. *Principles and Practice of Gynecologic Oncology*

Handbook:

Handbook for Principles and Practice of Gynecologic Oncology

Any surgical text/ atlas

TeLinde's Operative Gynecology or Williams Gynecology (available online)

Other Important Curriculum Sources:

- ACOG Website:
 - Practice Bulletins and committee opinions
- NCCN website and app: www.nccn.org (will need to register, but is free and will not send you spam)