

Breast Surgery

Institution: Vanderbilt University Medical Center

Duration: 6 weeks

Supervising Physician: Dr. Ingrid Meszoely

Contact Information:
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Year of Training: PGY-3

Educational Objectives:

The Breast Surgery rotation is a 6 week rotation structured to allow the 3rd year resident to experience management of a wide variety of breast diseases with an emphasis on breast cancer. The resident will be exposed to the highly integrated multidisciplinary approach to breast cancer therapy including radiology, medical oncology, radiation oncology, plastic surgery, pathology and cancer genetics. In addition to breast surgery clinic and breast surgery perioperative and operative experience, the resident will have clinic experience with medical oncology and clinic and operative experience with plastic surgery. The breast surgery resident will also be responsible for ER and in-hospital consults related to breast disease.

Patient Care and Procedural Skills:

- ✓ Performs a complete and accurate history and physical examination, including a pertinent review of systems, with regard to breast disease.
- ✓ Provide compassionate care to breast cancer patients.
- ✓ Appropriate interpretation of mammogram & familiarity with other imaging modalities
- ✓ Performs a partial mastectomy, total mastectomy, sentinel lymph node mapping and biopsy and axillary lymph node dissection
- ✓ Utilizes ultrasound in guiding breast procedures
- ✓ Can discuss multidisciplinary management of breast cancer
- ✓ Incorporate formative evaluation feedback into daily practice.

Medical Knowledge:

- ✓ Basic fundamentals of the pathophysiology, clinical presentation and natural history of breast cancer.
- ✓ Basic knowledge of diagnostic tests utilized in the work-up and their indications of patients with common breast complaints & breast cancer (imaging: Mammogram, Ultrasound, MRI, galactogram; biopsy techniques: U/S, stereotactic, & MRI guided biopsies, excisional biopsy).
- ✓ Basic knowledge of multidisciplinary management (operative, radiation, and pharmaceutical) of breast cancer
- ✓ Basic knowledge of breast cancer survivorship and post-surgical management and surveillance of breast cancer
- ✓ Basic knowledge of the anatomy related to breast (blood supply, innervation, spatial relationship to surrounding structures)
- ✓ Basic knowledge of reconstructive options
- ✓ Basic knowledge of benign breast disease (fibrocystic breast change, atypical hyperplasia, papilloma fibroadenoma)

Practice-Based Learning and Improvement

- ✓ Write an accurate and detailed clinic, preoperative assessment and counseling notes on all patients for which he/she serves.
- ✓ Utilize assigned journal articles as well as available textbook chapters and information technology (including PubMed search and literature review) to learn the principles of breast surgery during the rotation.
- ✓ Participate in the education of patients, families, students, residents, and other health professionals.

Interpersonal and Communication Skills

- ✓ The resident should ensure that the attending is aware of the progress of all patients on the service.
- ✓ The resident should clearly, accurately, and respectfully communicate with nurses and other Hospital employees.
- ✓ The resident should clearly, accurately, and respectfully communicate with referring and consulting physicians, including residents.
- ✓ The resident should clearly, accurately, and respectfully communicate with patients and appropriate members of their families about identified disease processes (including complications), the expected courses, operative procedures, and operative findings.
- ✓ The resident should ensure that clear, concise, accurate, and timely medical records are maintained on all patients.

- ✓ The resident should be able to clearly and accurately teach medical students and junior residents about the procedures performed on this rotation when qualified to do so by hospital and program policy.

Professionalism

- ✓ Demonstrate compassion, integrity, and respect for others.
- ✓ Demonstrate sensitivity to issues of diversity such as age, race, gender, and religion with patients, family, and members of the healthcare team.
- ✓ Demonstrate respect for patient privacy and autonomy.
- ✓ Remain honest with all individuals at all times in conveying issues of patient care.
- ✓ Respond to the needs of the patient above one's own needs and desires.
- ✓ Maintain high standards of ethical behavior in all professional activities.
- ✓ Demonstrate a commitment to the continuity of patient care to carrying out professional responsibilities or through assuring that those responsibilities are fully and accurately conveyed others acting in his/her stead.
- ✓ Understand the institutional policy on duty hours and remain compliant with all duty hour regulations. Residents must enter the number of hours spent in the hospital into the tracking system within 24 hours of duty.
- ✓ Be properly and professionally attired and groomed at all times while engaged in patient care.
- ✓ Be present at assigned locations except when actively engaged in the treatment of a medical or surgical emergency. The resident must notify the appropriate supervisor if he or she will be unable to be present.
- ✓ Remain compliant with all required training designated by the institution.

Systems-based practice

- ✓ Work effectively in multidisciplinary and interprofessional teams to deliver appropriate breast related surgical care
- ✓ Understand how to coordinate patient care within our health care system
- ✓ The resident should be able to summarize the financial costs, potential complications, and long-term expectations for planned procedures.
- ✓ The resident should be able to determine the benefit of additional treatment by other services such as plastic surgery, interventional radiology, medical and radiation oncology.
- ✓ The resident should be able to determine and convey to appropriate individuals the instruments and other materials necessary for all procedures.
- ✓ Resident should engage in quality improvement initiatives and recognize opportunities to improve patient care systems

Description of Clinical Experiences:

- ✓ Breast clinic and plastic surgery clinic for duration of rotation, one day a week
- ✓ Medical oncology clinic for 3 weeks of the rotation
- ✓ Breast operative procedures as assigned by chief resident (with the intention of continuity of care from clinic)
- ✓ One day a week of plastic surgery operative procedures
- ✓ Rounding on any patients managed by breast surgery faculty
- ✓ Respond to any request for consults/procedures for breast related disease (ER or inpt)

Description of Didactic Experiences:

Attend all scheduled education and conferences while on rotation. To include:

- ✓ Monday Surgical Oncology Resident conference
- ✓ Wednesday Multidisciplinary Breast Tumor Board
- ✓ Wednesday Breast Fellows conference (alternating Wednesdays)

Evaluation Process:

Faculty and senior residents will evaluate the performance of each resident using these goals and objectives. Each resident on the service will evaluate the rotation, the service, faculty and any senior residents also on the rotation.

Other Important Rotation Information:

Clinic assignments are highly important and attendance should be taken seriously