



**EDUCATIONAL GOALS AND OBJECTIVES FOR ROTATIONS ON:
BREAST, WOUND AND PLASTIC SURGERY
(GENERAL SURGERY-PINK SURGERY SERVICE)**

Goal

The goal of the Breast Surgery rotation is to develop the knowledge, skills and attitudes necessary to evaluate, diagnose and manage patients with benign and malignant breast diseases. Objectives will be assessed in terms of clinical knowledge, interpersonal qualities, and operative skills through evaluations by faculty, peers, students and nursing staff.

Objectives for PGY-5 Residents: At the end of the PGY-5 year, residents will:

Patient Care

- Lead a team that cares for patients with core and advanced conditions in the SCORE curriculum.
 - Atypical ductal hyperplasia
 - Atypical lobular hyperplasia and lobular carcinoma in situ
 - Benign disease—fat necrosis, fibroadenoma, fibrocystic breast changes, galactocele, gynecomastia, intraductal papilloma, radial scar
 - Benign inflammatory disease—mastitis, abscess, Mondor disease
 - Breast cancer— clinical and pathological staging of breast cancer (TNM classification), hereditary, inflammatory, invasive carcinoma (ductal, lobular, all variants), male, Paget's disease of the nipple, during pregnancy and lactation
 - Breast mass
 - Breast pain
 - Ductal carcinoma in situ
 - Mammographic abnormalities
 - Nipple discharge
 - Phyllodes tumor
 - Postmastectomy reconstruction options
- Delegate appropriate clinical tasks to other health care team members.
- Recognize atypical presentations of a large number of surgical conditions.
- Lead a team while providing supervision in the evaluation and management of complex postoperative problems such as sepsis, systemic inflammatory response syndrome, and multiple system organ failure.
- Demonstrate proficiency in use of instruments and equipment required for essential operations, guides conduct of most operations and makes independent intraoperative decisions.
- Perform most of the core operations and have significant experience in the advanced operations.

- Axillary sentinel lymph node biopsy and lymphadenectomy
- Breast biopsy with or without needle localization
- Breast cyst—aspiration
- image-guided breast biopsy (ultrasound-guided and stereotactic biopsy)
- Duct excision
- Mastectomy—partial, simple, modified radical, radical, skin-sparing, nipple-sparing
- Effectively guide other residents in core operations.

Medical Knowledge

- Have a comprehensive knowledge of the varying patterns of presentation and alternative and adjuvant treatments for the core diseases in the SCORE curriculum, as well as make the diagnosis and provide initial care for the advanced diseases in the SCORE curriculum.
 - Atypical ductal hyperplasia
 - Atypical lobular hyperplasia and lobular carcinoma in situ
 - Benign disease—fat necrosis, fibroadenoma, fibrocystic breast changes, galactoceles, gynecomastia, intraductal papilloma, radial scar
 - Benign inflammatory disease—mastitis, abscess, Mondor disease
 - Breast cancer— clinical and pathological staging of breast cancer (TNM classification), hereditary, inflammatory, invasive carcinoma (ductal, lobular, all variants), male, Paget's disease of the nipple, during pregnancy and lactation
 - Breast mass
 - Breast pain
 - Ductal carcinoma in situ
 - Mammographic abnormalities
 - Nipple discharge
 - Phyllodes tumor
 - Postmastectomy reconstruction options
- Have comprehensive level of knowledge of the operative steps, perioperative care, and postoperative complications for the core operations in the SCORE curriculum with a basic knowledge of many of the advanced operations.
 - Axillary sentinel lymph node biopsy and lymphadenectomy
 - Breast biopsy with or without needle localization
 - Breast cyst—aspiration
 - image-guided breast biopsy (ultrasound-guided and stereotactic biopsy)
 - Duct excision
 - Mastectomy—partial, simple, modified radical, radical, skin-sparing, nipple-sparing
- Attend/participate in Morbidity and Mortality, Surgical Grand Rounds, didactic and service-specific conferences.

Practice-based Learning and Improvement

- Recognize teachable moments and readily and respectfully engage the learner.
- Be a highly effective teacher with an interactive educational style.
- Engage in constructive educational dialogue.
- Facilitate conferences and case discussions based on assimilation of evidence from the literature.
- Present and participate in conferences, including Grand rounds, Morbidity and Mortality, and service specific rounds.
- Participate in local, regional, national activities including optional conferences and/or self-assessment programs.
- Demonstrate use of a system or process for keeping up with changes in the literature.
- Initiate assignments for other learners.
- Lead surgical skills experiences for students and residents and participate in skills curriculum development.
- Exhibit on-going self evaluation and improvement that includes reflection on practice, tracking and analyzing patient outcomes, integrating evidence-based practice guidelines, and identifying opportunities to make practice improvements.
- Discuss and/or demonstrate application of M&M and/or other QI conference conclusions to own patient care.
- Lead a QI activity relevant to patient care outcomes.

Professionalism

- Serve as a role model for ethical behavior.
- Positively influence others by assertively modeling professionalism.
- Consistently place the interest of patients ahead of self interests when appropriate.
- Promote a healthy work environment.
- Recognize and appropriately address personal health issues in other members of the care team.
- Be proactive in modifying schedule or intervening in other ways to assure that those caregivers under their supervision maintain personal wellness and do not compromise patient safety.
- Set an example for conference attendance, promptness, and attention to assigned tasks.

Interpersonal and Communication Skills

- Customize emotionally difficult information.
- Be capable of negotiating and managing conflict among patients and their families.

- Assume overall leadership of a health care team responsible for their patients while also seeking and valuing input from the members of the team.
- Negotiate and manage conflict among care providers.
- Take responsibility for ensuring that clear hand-offs are given at transitions of care.
- Be capable of leadership with unexpected events occur in the operating room.
- Be able to communicate effectively with the family when unexpected events occur in the operating room.

Systems-based Practice

- Coordinate the activities of residents, nurses, social workers, and other health care professionals to provide optimal care to the patient at the time of discharge or transfer, and to provide post-discharge ambulatory care that is appropriate for the patient's particular needs.
- Participate in work groups or performance improvement teams designed to reduce errors and improve health outcomes.
- Understand the appropriate use of standardized approaches to care and participates in creating such protocols of care.



**EDUCATIONAL GOALS AND OBJECTIVES FOR ROTATIONS ON:
SOFT TISSUE, WOUND AND PLASTIC SURGERY
(GENERAL SURGERY-PINK SURGERY SERVICE)**

Goal: The goal of the Soft Tissue, Wound and Plastic Surgery rotation is to develop the knowledge, skills and attitudes necessary to evaluate, diagnose and manage patients with tumors, ulcers, and chronic wounds of the soft tissue. Objectives will be assessed in terms of clinical knowledge, interpersonal qualities, and operative skills through evaluations by faculty, peers, students and nursing staff.

Objectives for PGY-5 Residents: At the end of the PGY-5 year, residents will:

Patient Care

- Lead a team that cares for patients with core and advanced conditions in the SCORE curriculum.
 - Adnexal tumors of the skin
 - Cellulitis
 - Hidradenitis
 - Melanoma and nevi
 - Necrotizing soft tissue infections
 - Non-melanoma skin cancers
 - Paronychia and felon
 - Pilonidal cyst/sinus
 - Soft tissue masses—evaluation
 - Surgical site infection
 - Decubitus ulcer
 - Dermatofibrosarcoma protuberans
 - Desmoids/fibromatosis
 - Lymphedema/lymphangitis
 - Soft tissue sarcomas
- Delegate appropriate clinical tasks to other health care team members.
- Recognize atypical presentations of a large number of surgical conditions.
- Lead a team while providing supervision in the evaluation and management of complex postoperative problems such as sepsis, systemic inflammatory response syndrome, and multiple system organ failure.
- Demonstrate proficiency in use of instruments and equipment required for essential operations, guides conduct of most operations and makes independent intraoperative decisions.
- Perform most of the core operations and have significant experience in the advanced operations.

- Complex wound closure
- Skin grafting
- Melanoma—wide local excision
- Pilonidal cystectomy
- Sentinel lymph node biopsy for melanoma
- Skin/soft tissue lesions—excisional and incisional biopsy
- Soft tissue infections—incision, drainage, debridement
- Ilioinguinal-femoral lymphadenectomy
- Soft tissue sarcoma--resection
- Effectively guide other residents in core operations.

Medical Knowledge

- Have a comprehensive knowledge of the varying patterns of presentation and alternative and adjuvant treatments for the core diseases in the SCORE curriculum, as well as make the diagnosis and provide initial care for the advanced diseases in the SCORE curriculum.
 - Adnexal tumors of the skin
 - Cellulitis
 - Hidradenitis
 - Melanoma and nevi
 - Necrotizing soft tissue infections
 - Non-melanoma skin cancers
 - Paronychia and felon
 - Pilonidal cyst/sinus
 - Soft tissue masses—evaluation
 - Surgical site infection
 - Decubitus ulcer
 - Dermatofibrosarcoma protuberans
 - Desmoids/fibromatoses
 - Lymphedema/lymphangitis
 - Soft tissue sarcomas
- Have comprehensive level of knowledge of the operative steps, perioperative care, and postoperative complications for the core operations in the SCORE curriculum with a basic knowledge of many of the advanced operations.
 - Complex wound closure
 - Skin grafting
 - Melanoma—wide local excision
 - Pilonidal cystectomy
 - Sentinel lymph node biopsy for melanoma
 - Skin/soft tissue lesions—excisional and incisional biopsy
 - Soft tissue infections—incision, drainage, debridement
 - Ilioinguinal-femoral lymphadenectomy

- Soft tissue sarcoma--resection
- Attend/participate in Morbidity and Mortality, Surgical Ground Rounds, didactic and service-specific conferences.

Practice-based Learning and Improvement

- Recognize teachable moments and readily and respectfully engage the learner.
- Be a highly effective teacher with an interactive educational style.
- Engage in constructive educational dialogue.
- Facilitate conferences and case discussions based on assimilation of evidence from the literature.
- Present and participate in conferences, including Grand rounds, Morbidity and Mortality, and service specific rounds.
- Participate in local, regional, national activities including optional conferences and/or self-assessment programs.
- Demonstrate use of a system or process for keeping up with changes in the literature.
- Initiate assignments for other learners.
- Lead surgical skills experiences for students and residents and participate in skills curriculum development.
- Exhibit on-going self-evaluation and improvement that includes reflection on practice, tracking and analyzing patient outcomes, integrating evidence-based practice guidelines, and identifying opportunities to make practice improvements.
- Discuss and/or demonstrate application of M&M and/or other QI conference conclusions to own patient care.
- Lead a QI activity relevant to patient care outcomes.
- Complete the requirements of the robotic curriculum.

Professionalism

- Serve as a role model for ethical behavior.
- Positively influence others by assertively modeling professionalism.
- Consistently place the interest of patients ahead of self-interests when appropriate.
- Promote a healthy work environment.
- Recognize and appropriately address personal health issues in other members of the care team.
- Be proactive in modifying schedule or intervening in other ways to assure that those caregivers under their supervision maintain personal wellness and do not compromise patient safety.
- Set an example for conference attendance, promptness, and attention to assigned tasks.

Interpersonal and Communication Skills

- Customize emotionally difficult information.

- Be capable of negotiating and managing conflict among patients and their families.
- Assume overall leadership of a health care team responsible for their patients while also seeking and valuing input from the members of the team.
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- Take responsibility for ensuring that clear hand-offs are given at transitions of care.
- Be capable of leadership with unexpected events occur in the operating room.
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Systems-based Practice

- Coordinate the activities of residents, nurses, social workers, and other health care professionals to provide optimal care to the patient at the time of discharge or transfer, and to provide post-discharge ambulatory care that is appropriate for the patient's particular needs.
- Participate in work groups or performance improvement teams designed to reduce errors and improve health outcomes.
- Understand the appropriate use of standardized approaches to care and participates in creating such protocols of care.