

Clinical Affiliates (TGH – 4 months)

PGY 3

Goals:

1. The resident will be able to cite the indications and technique for the use of lasers in plastic surgery.
2. The resident will become competent in managing complex wounds, both operatively and non-operatively.
3. The resident will become competent in the management of plastic surgery of the breast.
4. The resident will become competent in flap reconstruction, both local, flaps, and distant free tissue transfer.
5. The resident will begin to develop skills for assessing aesthetic problems.

PATIENT CARE

- a. Able to select which technique of wound care is most appropriate.
- b. Learn the indications for choosing a particular technique for each type of reconstructive surgery.
- c. Choose an appropriate technique and give supporting reasons as to why it is the appropriate choice.
- d. Able to prescribe medication for post-operative pain after surgery.
- e. Able to provide post-operative instructions and provide a mechanism for patients to address post-operative problems.

MEDICAL KNOWLEDGE

- a. Acquire the knowledge of laser physics and basic science to safely use the various lasers in current use in plastic surgery.
- b. Become competent in scientific and technical use of the laser for the treatment of cosmetic patients and congenital and acquired conditions.
- c. Acquire the knowledge of complex wound management, both operative and non-operative, to treat wounds of the upper and lower extremities, trunk and head and neck.
- d. Become competent in developing an appropriate pre-operative plan.
- e. Learn the indications and techniques of aesthetic surgery of the face, breast, trunk and extremities.
- f. Learn the pre-operative work-up, staging, surgical management, and post-operative surveillance for treating skin and soft tissue malignancies.

PRACTICE BASED LEARNING/IMPROVEMENT

- a. Able to demonstrate the surgical techniques of wound management covered during the rotation.
- b. Able to choose an appropriate technique, give supporting reasons as to why it is the appropriate choice, and perform the technique.
- c. Participate in the performance improvement process including assessment of his/her outcomes.
- d. Able to critically review medical literature and participate in evidence-based discussions that may lead to improvements in the practice of surgery.
- e. Become competent in scientific and technical use of the laser for the treatment of cosmetic patients and acquired conditions.

- f. Become competent in the management of cutaneous and soft tissue malignancies including sentinel lymph node biopsy.
- g. Become competent in the techniques of flap reconstruction, both local pedicled flaps and free tissue transfer.
- h. Demonstrate ability, willingness, and proficiency at teaching skills/knowledge to others.

INTERPERSONAL AND COMMUNICATION SKILLS

- a. Communicate clearly with patients, their families, and the medical staff.
- b. Demonstrate effective communication with all members of the operating room team.
- c. Communicate effectively with patients and their families and be able to discuss risks, benefits, and alternatives.
- d. Demonstrate knowledge, skills, and proficiency at communicating and coordinator care with multiple discipline specialties.
- e. Demonstrate listening skills.

PROFESSIONALISM

- a. Demonstrate an appreciation for the psychosocial concerns for the post-mastectomy patient.
- b. Create a positive public image.
- c. Demonstrate the ability to maintain his/her composure during stressful clinical situations.
- d. Acknowledge the anxieties of patients and their families and answer questions and allay anxiety.
- e. Demonstrate awareness of and sensitivity to a variety of cultures and religious beliefs
- f. Adhere to the highest ethical standards and the principle "the needs of the patient come first."
- g. Gain and utilize skills for discussing and communicating critical issues/problems.

SYSTEMS BASED PRACTICE

- a. Be aware of peri-operative costs of surgery in a comprehensive manner.
- b. Understand when it is appropriate to seek help through appropriate consultation with colleagues.
- c. Demonstrate an understanding and appropriate utilization of the electronic patient information system.
- d. Understand methods to practice cost-effective health care while providing the highest quality of care for their patients.
- e. Utilize social/ancillary systems to effect care that is timely, effective, and efficient.