

University of South Florida

Plastic Surgery– PGY 1

Competency Based Goals & Objectives

Competency 1- Patient Care: Provide family centered patient care that is developmentally and age appropriate, compassionate, and effective for the treatment of health problems and the promotion of health.

1. Outline the components necessary to develop a treatment plan, after completing a focused history and physical examination pertinent to the evaluation of congenital or acquired defects amenable to surgical correction or reconstruction, including a description of the appropriate diagnostic studies and any additional consultations needed to supplement the physical examination.
2. Review the surgical repair of superficial, incised, and lacerated wounds of the head, neck, trunk, and extremities.
3. Demonstrate knowledge of the systematic examination of the hand to assess motor and sensory function.
4. Demonstrate ability to assess the degree and extent of facial trauma.
5. Demonstrate proficiency with the components of a comprehensive examination of the mouth and the oral and nasal pharynx.
6. Demonstrate ability to appropriately harvest and apply skin grafts.
7. Contribute to the overall care of the plastic surgery patient including pre-operative evaluation, intra-operative intervention, and post-operative management.
8. Participate in the evaluation and formulation of treatment plans for (a) hand injuries, (b) facial fractures, and (c) head and neck cancer.
9. Act as a member of the surgical team, assisting or performing surgery as appropriate.
10. Perform the following procedures:
 - a. Arterial line/ABG
 - b. Peripheral line/phlebotomy
 - c. Post-op drain
 - d. Lumbar drain management
 - e. Ventriculostomy management
 - f. Burr hole placement
 - g. Halo placement
 - h. Femoral IJ/SC line placement
 - i. Lumbar spinal tap/drain
 - j. Laceration repair, cranial

Competency 2 – Medical Knowledge: Understand the scope of established and evolving biomedical, clinical, epidemiological and social-behavioral knowledge needed by a pediatrician; demonstrate the ability to acquire, critically interpret and apply this knowledge needed as a physician; demonstrate the ability to acquire, critically interpret and apply this knowledge in patient care.

1. Describe the process of normal wound healing, including levels of wound contamination and management principles, factors inhibiting the normal healing process, and various wound dressings.
2. Demonstrate an understanding of the pathophysiology of thermal, chemical, and electrical burns, and describe the initial management for each type.
3. Acquire an understanding of resuscitation of a burned patient.
4. Demonstrate an understanding of the classification system for skin, head, and neck neoplasms.
5. Acquire an understanding of the various types and indications for flaps, including an understanding of the anatomy of commonly used flaps in plastic surgery.
6. Acquire an understanding of various suture materials and various suturing techniques.
7. Demonstrate an understanding of normal skin anatomy.
8. Review the methods for performing incisional and excisional biopsies of lesions of the oral cavity and skin in a manner appropriate to the specific lesion.
9. Describe the physiology of various techniques of skin transplantation and the circulation of skin, entailing the use of tissue transplantation (including skin grafts or local skin flaps) in the management of traumatic or excised wounds.

Competency 3 – Communication Skills: Demonstrate interpersonal and communication skills that result in information exchange and partnering with patients, their families and professional associates.

1. Demonstrate to the attending staff the ability to take problem-oriented history in outpatient clinic.
2. Ethically manage patient confidentiality information and medical record according to HIPPA standards.
3. Talk to family members about sensitive issues that relate to a patient's illness, e.g. coping with the patient's altered needs in his/her home setting.
4. Write an effective and timely consultation note that summarizes the findings and recommendations.
5. Describe the role of all members of a multi-disciplinary team and show respect for the contributions of each.
6. Maintain comprehensive, timely and legible medical records.
7. Effectively provide information via various communication mediums.
8. Demonstrate effectively listening skills.

Competency 4 – Practice Based Learning and Improvement: Demonstrate knowledge, skills and attitudes needed for continuous self-assessment, using scientific methods and evidence to investigate, evaluate and improve one's patient care practice.

1. Demonstrate ability to utilize scientific studies to provide high quality plastic surgical reconstructive care.
2. Appropriately utilize Hospital information technology systems to manage patient care, and to access on-line medical information to deliver high quality care.
3. Facilitate and support the education of Medical Students, other Residents, and other healthcare team members.

Competency 5 – Professionalism: Demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles and sensitivity to diversity.

1. Recognizes and follows role as part of care team.
2. Be honest and use integrity in your professional duties.
3. Demonstrate responsiveness to patient's needs that supersedes self interest.
4. Demonstrate appropriate dress and decorum while on duty; conversations in public places to be free of patient information.
5. Respond to criticism and correction with calm and attentive demeanor.
6. Respect your patient's privacy, autonomy and need to maintain a positive self-concept, irrespective of age, gender or health belief system, and regardless of acuity of diseases.
7. Consistently report to duty on time.
8. Participate in end-of-life discussions and decisions.

Competency 6 – System-Based Practice: Understand how to practice quality health care and advocate for patients within the context of the healthcare system.

1. Understand the multidisciplinary role of the Plastic Surgeon, Trauma Surgeon, Subspecialty Physicians and Consultants, Trauma Nurse Coordinator, Nurses, Physician Assistants, Physical Therapists, Occupational Therapists, Speech Pathologists/Therapists, Rehabilitation Specialists, Social Services, and the Operating Room Team in the provision of safe, efficient, coordinated, and high quality reconstructive trauma care.

2. Demonstrate understanding of the importance of delivery of cost-effective health care (diagnostic evaluation, therapy) and the importance of coordination in rehabilitation and discharge planning for the trauma patient convalescing from a reconstructive procedure.