

Plastic surgery (PGY1)

General goals and objectives

Medical Knowledge

- Wound care
- Flaps and grafts
- Microsurgery
- Implants and biomaterials
- Hand objectives
- Reconstruction of head and neck
- Reconstruction of trunk and breast
- Reconstruction of lower extremity
- Knowledge in burn patient
- Understand fluid resuscitation in burns (Parkland formula)
- Recognition and treatment of upper airway management
- Recognition and treatment of electrical burns
- Cause, detection, and treatment of burn sepsis
- Cause, detection, and treatment of ARDS
- Cause, detection, and treatment of pulmonary burns
- Concepts regarding nutritional assessment in burns

Patient Care

- Escharotomy for chest and extremity compromise
- Skin grafting and donor site management
- Placement of Swan Ganz and arterial catheters
- Management of hand, face and genital burns

Practice Based Learning

- Develop a personal program of self-study and professional growth with guidance from the teaching staff and faculty advisor.
- Participate in teaching and organization of the educational conferences and activities of the Department of Surgery and assume responsibility for teaching and supervision of subordinate surgical housestaff, and medical students.

Professionalism

- Participate in compassionate patient care maintaining the highest moral and ethical values with a professional attitude.
- The resident should be sensitive to the needs and feelings of others, including the patient's family members, allied health care personnel, fellow residents, and medical students.
- Demonstrate respect, compassion, integrity in the care of patients on a daily basis and sensitivity to patients' culture, age, and gender.

Interpersonal Relationships and Communication

- Create and sustain a therapeutic and ethically sound relationship with patients.

- Work effectively with other members of the medical team including fellow residents and medical students.
- Maintain professional interactions with other health care providers and hospital staff.

Systems Based Practice

- Understand how the health care organization affects surgical practice.
- Demonstrates cost effective health care.
- Knows how to partner with health care managers and allied health personnel to improve health care.

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