

DERMATOLOGIC SURGERY/ONCOLOGY GOALS AND OBJECTIVES

Objectives for PGY-2 Residents

- Keep log of surgical cases using approved format
- Attend monthly surgery talk by the staff and resident's surgery talk
- Be familiar with superficial anatomy as it relates to cutaneous surgery
- Be proficient in the clinical diagnosis of basal cell carcinoma, squamous cell carcinoma, melanoma and other skin tumors
- Understand the essential principles for obtaining good results with excisional surgery
- Be able to identify the basic surgical instruments and their uses
- Discuss the various types of skin biopsy and their uses
- Be able to discuss wound healing as it applies to second intention healing and primary closure of wounds
- Discuss the differences between electrodesiccation, electrocoagulation, electrofulguration and electrosection
- Understand the principles of cryosurgery
- Distinguish between the various types of local anesthetics and their uses in cutaneous surgery
- Understand the differences between suture types and their uses in cutaneous surgery
- Be able to perform primary layered closure
- Be able to discuss the use of prophylactic antibiotics in cutaneous surgery
- Understand the issues regarding discontinuation of anticoagulants before cutaneous surgery

Objectives for PGY-3 Residents

- Keep log of surgical cases using approved format
- Attend monthly surgery talk by the staff and resident's surgery talk
- Understand the biology and natural history of squamous cell carcinoma, basal cell carcinoma, melanoma and lentigo maligna
- Understand the types of intermediate closures particularly M-plasty and digits
- Be able to perform nerve block under supervision
- Understand the anatomy and principles of nail surgery
- Know the indications for Mohs micrographic surgery
- Be familiar with appropriate surgical margins for excision of benign and malignant tumors

- Read text chapters on wound healing, electrosurgery, cryosurgery and suture materials
- Be able to discuss the various types of local flaps and skin grafts
- Be familiar with laser physics, laser safety and laser use for various dermatologic conditions and tumors

Objectives for PGY-4

- Keep log of surgical cases using approved format
- Attend monthly surgery talk by the staff and resident's surgery talk
- Understand cure rates for basal cell and squamous cell carcinoma when treated with excision, C and E, cryosurgery, radiation therapy and Mohs micrographic surgery
- Understand the indications for the multiple therapeutic interventions that are possible for benign and malignant skin tumors
- Describe appropriate informed consent
- Understand principles of risk management
- Describe techniques for avoiding surgical complications
- Identify post-operative complications and describe methods of management
- Describe preoperative evaluation for surgery and perform postoperative follow-up
- Know appropriate orientation for surgical incisions on the face and body
- Be familiar with vascular and blood supply in all surgical sites
- Plan and perform full-thickness skin grafts and local flaps under supervision
- Identify the most appropriate reconstructive techniques in various clinical situations
- Understand chemical peel, tumescent liposuction, sclerotherapy and various lasers used in dermatology