

## **Goals and Objectives for Intern Year Sub-rotations**

### **1. Infectious Disease**

- a. Understand etiology and pathophysiology of musculoskeletal infections.
- b. Diagnose, treat and manage musculoskeletal infections.
- c. Able to prescribe the appropriate antibiotics, understand the benefits and risk profiles of antibiotic therapies.
- d. Recognize ID emergencies and problems requiring the help of consultants.
- e. Understand screening and prevention of common infectious diseases.
- f. Learn clinically the important aspects about the microbiology laboratory to better understand appropriate ordering and interpretation of diagnostic tests.
- g. Will prepare and present an ID related topic from a list.
- h. Will complete an open book MCQ examination.

### **2. Vascular Surgery**

- a. Understand the anatomy, physiology, and pathology of the circulatory system.
- b. Describe physical exam, diagnostic tools and tests that are used in the treatment of common peripheral vascular diseases.
- c. Understand the management of vascular conditions, both surgical and medical.
- d. The resident will become proficient in diagnosis, evaluation, and management of the complex surgical patient.
- e. Will become proficient in the pre-operative and post-operative surgical care.
- f. Resident will have exposure to the management of renal transplant patients, to include observation of the effects of immunosuppressive drugs.

### **3. Surgical Trauma Rotation**

- a. To assist in developing a thorough, systematic approach to the rapid recognition, evaluation, treatment, and disposition of the critically injured patient.
- b. To set forth and teach a defined body of knowledge and skills, which constitutes emergency medicine.
- c. Introduce the field of pre-hospital emergency care.
- d. Ultimately to improve the quality of emergency care.

### **4. Plastic Surgery Rotation**

- a. Basic Principles
  - i. Basic Wound Healing
  - ii. Flaps and Grafts
- b. Diagnosis and treatment of
  - i. Head and Neck
    1. Cancer
    2. Trauma
    3. Introduction to Cosmetic Surgery
  - ii. Trunk Plastic Surgical Procedures
  - iii. Extremities
    1. Flaps
    2. Hand Surgeries
  - iv. Breast Reconstruction/Reduction/Augmentation
- c. Microsurgery