

Columbia/NYOH Goals and Objectives – Competency Based 2010

Patient Care:

- 1) Be able to complete the history and physical examination form, interpret imaging studies, and formulate a differential diagnosis of a patient with a bone or soft tissue lesion.
- 2) Recognize the historical symptoms of a malignant bone tumor.
- 3) Know the evaluation strategy for the patient with a carcinoma of unknown origin.
- 4) Be able to choose reasonable options for the fixation of metastatic lesions to long bones and know the indications for prophylactic fixation of metastatic lesions.
- 5) Demonstrate technical competence in the operating room:
 - a. Perform intramedullary nailing independently
 - b. Perform bipolar hemi-arthroplasty independently
 - c. Choose the correct route for needle and open biopsy of bone and soft tissue lesions
 - d. Demonstrate basic proficiency in the dissection of nerves and blood vessels
- 6) Demonstrate the ability to care for patients postoperatively:
 - a. Wound care
 - b. Antibiotic prophylaxis
 - c. Anticoagulation management
 - d. Pain management
- 7) Consistently mark patients with initials prior to surgery and drape the initials into the surgical field.
- 8) Consistently perform the surgical time out prior to incision
- 9) Report medical errors to the attending surgeon when recognized
- 10) Organize and supervise the interns, junior and senior residents, and paramedical staff in the daily care of the service patients.
- 11) Develop patient management plan for patients admitted directly to the hospital

Interpersonal and Communication Skills

- 1) Able to listen to patients concerns and express sensitivity and empathy for their medical problems
- 2) Explain the risks and goals of surgery to patients and their families and alternatives to surgery (perform informed consent)
- 3) Establish an effective patient doctor relationship – attire, grooming, manner of speech, concern, and commitment
- 4) Establish an appropriate level of communication and relationship with ancillary staff:
 - a. Refrain from abusive behavior
 - b. Be courteous
 - c. Report staff who are disrespectful and do their duties in a less than satisfactory manner
- 5) Be able to use legible handwriting and print one's name under all signatures
- 6) Date and time all notes
- 7) Dictate operative notes on the day of surgery
- 8) Dictate discharge summaries on the day of surgery
- 9) Answer patient telephone calls on the same day that they are received

Professionalism:

- 1) Sensitive and responsive to differences in culture, gender, age, and impairments of both patients and staff
- 2) Sensitive to the needs of cancer patients in terms of emotional support
- 3) Reliable in the performance of responsibilities
- 4) Respectful of the opinions of other healthcare professionals
- 5) Ability to express opinions in a manner that is sensitive to others

Medical Knowledge:

- 1) Working knowledge of the presentation, radiographic and histological features of common bone and soft tissue lesions
- 2) Ability to answer the sample written tumor questions
- 3) Ability to interpret the images on the sample tumor CD-ROM
- 4) Ability to apply knowledge base in the care of patients

Practice Based Learning and Improvement:

- 1) Ability to analyze the effectiveness of his or her own interpretative, problem solving, and surgical skills
- 2) Ability to use available information technology to obtain and manage information
- 3) Receptive to constructive criticism

Systems-Based Practice:

- 1) Demonstrate ability to provide cost effective care:
 - a. Utilization of appropriate diagnostic tests
 - b. Appropriate use of antibiotics
- 2) Utilization of the health care system to provide optimal patient care outside the hospital system
- 3) Ability to fully utilize the chain of command in both the supervision of subordinates and the interaction with seniors
- 4) Ability to recognize emergencies and communicate the problem to appropriate personnel