

## ACGME Competencies

The Bone and Soft Tissue Fellowship will integrate the following ACGME Competencies into the curriculum:

### Professionalism

Fellows will demonstrate a commitment to professionalism and an adherence to ethical principles.

### Patient Care and Procedural Skills

Fellows will provide diagnostic services that are patient-centered and crucial for the treatment of bone and soft tissue disorders.

#### **Fellows will demonstrate competence in:**

- advocating for quality diagnostic services, patient care, and optimal patient care systems;
- communicating pathology results, including directly to patients;
- educating others in the knowledge, skills, and abilities related to diagnosis and patient care related to Bone and Soft Tissue (BST) disorders;
- preparing and presenting pathology material at clinicopathologic correlation conferences and/or tumor boards; and,
- providing appropriate and effective consultations to physicians and other health professionals, both intra- and inter- departmentally.

Consultations will include providing medical advice on the diagnosis and management of patients whose specimens are received and interpreted on the anatomic pathology or clinical pathology service, as applicable to BST.

Fellows will be able to perform all medical, diagnostic, and surgical procedures considered essential for the area of practice.

Fellows will participate in performing patient and laboratory procedures for which they will be expected to supervise ancillary staff members.

#### **Fellows will demonstrate competence in:**

- the gross examination of *BST* specimens;
- the histologic examination and diagnosis of common and uncommon *BST* diseases;
- intra-operative surgical pathology diagnostic consultations; and,
- interpretation of laboratory assay results routinely used in anatomic pathology, including histochemical, immunohistochemical, and molecular and genomic assays, as applied to *BST*.

### Medical Knowledge

Fellows will demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social- behavioral sciences, including scientific inquiry, as well as the application of this knowledge to patient care.

#### **Fellows will demonstrate expertise in their knowledge of:**

- the pathology of common and uncommon *BST* diseases;
- histochemistry, immunohistochemistry, and molecular and genomic techniques as they apply to *BST*; and,
- the operation and management of surgical pathology and relevant laboratories, including assay development, laboratory regulations, quality control procedures and quality improvement activities, as they apply to *BST*.

### Practice-based Learning and Improvement

Fellows will demonstrate the ability to investigate and evaluate their diagnostic practice, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning.

### Interpersonal and Communication Skills

Fellows will demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals.

### Systems-based Practice

Fellows will demonstrate an awareness of and responsiveness to the larger context and system of health care, including the structural and social determinants of health, as well as the ability to call effectively on other resources to provide optimal health care.

### Curriculum Organization and Fellow Experiences

The curriculum will be structured to optimize fellow educational experiences, the length of the experiences, and supervisory continuity. These educational experiences include an appropriate blend of supervised patient care responsibilities, clinical teaching, and didactic educational events.

Fellow experiences will be designed to allow appropriate faculty member supervision such that fellows progress in their assigned clinical responsibilities under oversight and demonstrate readiness to enter autonomous practice in *BST* pathology prior to completion of the program.

Fellow experiences will include:

- supervision of residents with graduated responsibility, including independent diagnoses and decision-making;
- laboratory management, quality assurance activities, and committee service; and,
- use of laboratory information systems and database management.

The didactic curriculum will include teaching conferences and journal clubs in *BST*, as well as joint conferences with clinical services involved in the diagnosis and management of patients in *BST*.

- Didactic topics will include new technologies in *BST*.
- Fellows will regularly and actively participate in conferences (about 8 per month) related to *BST*.
- Fellows will present a minimum of two conferences per year; and will be evaluated in their presentation skills.
- Fellows' clinical experience will be augmented through didactic sessions, review of the relevant medical literature, and use of study materials for unusual cases.
- Fellows will participate in laboratory quality assurance activities and/or inspections.

### Fellow Scholarly Activity

Each fellow will participate in scholarly activity, including at least one of the following:

- evidence-based presentations at journal clubs or meetings (local, regional, or national);
- preparation and submission of articles for peer-reviewed publications; or,
- clinical or basic science research projects.