# University of South Florida Department of Orthopaedics & Sports Medicine Supervision Policy Scope of Practice

# Policy

It is the policy of the University of South Florida, Department of Orthopaedics & Sports Medicine that any physician-in-training at this facility shall function only under the supervision of a member of the regular or clinical faculty of the College of Medicine who is credentialed to perform the relevant activities and procedures. As the residents proceed through the program, there is a natural progression in surgical responsibilities

Faculty and residents are educated to recognize fatigue and sleep deprivation and must adopt and apply policies to prevent and counteract its potential negative effects on patient care and learning.

Scope of Practice is defined as "authorized care" of the procedures, actions, and processes that are permitted for the licensed individual. The scope of practice is limited to that which the individual has received education and experience, and in which he/she has demonstrated competency.

# **Purpose**

The purpose of this policy is to define the scope of practice for each post graduate level of training in the University of South Florida's Orthopaedic Residency Program.

To ensure that the appropriate level of supervision is provided to the resident by an attending physician who is present and duly credentialed for the applicable procedure at all times at all clinical sites.

- 1.To ensure that the resident understands limitations and expectations all patient care must be supervised by qualified faculty. The program director must ensure, direct, and document adequate supervision of residents at all times. Residents must be provided with rapid, reliable systems for communicating with supervising faculty.
- 2. Faculty schedules must be structured to provide residents with continuous supervision and consultation.
- 3. Faculty and residents must be educated to recognize the signs of fatigue and adopt and apply policies to prevent and counteract the potential negative effects.

#### **Procedure**

### **Orthopaedic Procedures by Level:**

Residents are authorized to perform the following procedures on patients <u>only after</u> the Attending has provided education and experience on the particular procedure, and feels the resident has demonstrated competency on that procedure.

#### PGY 1

- Evaluate, stabilize and manage the multi-trauma patients.
- Manage fractures both open and closed.
- Master the sterile technique in the operating room.
- Evaluate patients with complex GI issues.
- Masters skills in identifying rheumatologic problems.
- Learn to evaluate and manage ICU patients.
- Learn the essentials of radiologic evaluations (MRI, CT & Bone Scans).

- Learn to evaluate and manage acute and chronic neurosurgical problems.
- Learn the basics of reconstructive surgery both pre-op and post-op management.
- Learn basic procedures for arterial line, peripheral line, chest tube and debridement of wounds.
- Learn to recognize emergency room emergencies (airway, arrihythmia, hypoxia and shock)
- Learn the basics of the musculoskeletal history and examination.

## PGY 2

- Instruction and experience in the proper use of surgical instruments and operative techniques.
- Substantial instruction in anatomy, biomechanics, pathology, and physiology; and embryology, immunology, pharmacology, biochemistry, and microbiology.
- All aspects of diagnosis and care of disorders affecting the bones, joints, and soft tissues of the
  upper and lower extremities, including the hand and foot; and the entire spine including intervertebral discs; and the bony pelvis.
- Focuses on diagnosis and care, of both in patient and out-patient orthopaedic conditions, which
  includes both operative and non-operative of acute trauma, including athletic injuries, infectious
  disease, neurovascular impairment, and chronic orthopaedic problems, including reconstructive
  surgery, and neuromuscular disease.

#### PGY 3

- All aspects of diagnosis and care of disorders affecting the bones, joints, and soft tissues of the
  upper and lower extremities, including the hand and foot; and the entire spine including intervertebral discs; and the bony pelvis.
- Diagnosis and care, both operative and non-operative, of acute trauma, including athletic injuries, infectious disease, neurovascular impairment, and chronic orthopaedic problems, including reconstructive surgery, and neuromuscular disease.
- Focus on diagnosis and in-house patient management with an increased role in the surgical
  management of the patients for the following specialties adult and pediatric orthopaedic disorders,
  including, joint reconstruction, benign bone disease and metastatic bone disease, pediatric
  orthopaedics, adult and pediatric trauma.
- Additional protected time for research, which will include basic science, biomechanics and clinical research.

# PGY 4

- All aspects of diagnosis and care of disorders affecting the bones, joints, and soft tissues of the upper and lower extremities, including the hand and foot; and the entire spine including intervertebral discs; and the bony pelvis.
- Diagnosis and care, both operative and non-operative, of acute trauma, including athletic injuries, infectious disease, neurovascular impairment, and chronic orthopaedic problems, including reconstructive surgery, and neuromuscular disease.
- Diagnosis and management of pediatric orthopaedic disorders, including pediatric rehabilitation and trauma.
- Diagnosis and management of adult orthopaedics and joint reconstruction, multi-system trauma, surgery of the spine, including disk surgery, spinal trauma and spinal deformities; hand surgery; foot surgery in adults and children, orthopaedic rehabilitation, including amputations and postamputation care.

Increasing role in the surgical management for complex total joints and spine surgery.

## PGY 5

- Diagnosis and care, both operative and non-operative, of acute trauma, including athletic injuries, infectious disease, neurovascular impairment, and chronic orthopaedic problems, including reconstructive surgery, and neuromuscular disease.
- Diagnosis and management of adult orthopaedics and reconstruction, multi-system trauma.
- Managing complex total joints, orthopaedic oncology conditions such as metabolic bone disease, benign and malignant tumors, and metastatic disease, complex sports medicine injuries and arthroscopy.
- Focus on rehabilitation of neurologic injuries and disease, spinal cord rehabilitation, including amputations and post-amputation care.

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