

Iowa Methodist Medical Center  
Department of Surgery Education  
Resident Rotation Description

Rotation: Hand/Orthopedic Surgery

General Information:

1. Postgraduate year: PGY4 (Elective)
2. Rotation Length: One month elective
3. Service Director: Douglas Reagan, M.D.
4. Attending Staff: Douglas Reagan, M.D.  
Arnis Grundberg, M.D.  
Delwin Quenzer, M.D.  
Matthew Weresh, M.D.  
Stephen Taylor, M.D.  
Des Moines Orthopedic Surgeons

Orientation:

The resident should meet with Dr. Reagan and Dr. Taylor prior to beginning this elective rotation to develop a workable schedule, and mutually agreeable expectations.

Recommended Reading List:

1. Green. Operative Hand Surgery. (available in surgery resident lounge)
2. The Hand: Examination and Diagnosis, published by the American Society of Surgery of the Hand.
3. The Hand: Primary Care of Common Problems of the Hand, published by the American Society of Surgery of the Hand.

Call Schedule:

General Surgery Call Schedule

Conference Schedule:

Surgery conferences

General Objectives and Description:

The rotation is designed to provide a more in depth exposure to hand and orthopedic surgery than that offered in the junior and senior level rotation on trauma surgery, VA rotations, Broadlawns, and Lakeview Outpatient Surgery.

Cognitive Objectives:

The resident should demonstrate a familiarity with:

- The anatomy of the hand
- Diagnostic studies pertinent to hand surgery

See also the detailed knowledge objectives in the Surgery Resident Curriculum for Unit 5.5 Orthopedic Surgery, and Unit 5.7 Plastic and Reconstructive Surgery.

#### Technical Skills Objectives:

The resident should develop an progressive level of skill in the systematic examination of the hand to access motor and sensory function including:

- Intrinsic tendon and muscle function
- Extrinsic tendon and muscle function
- Median nerves
- Ulnar nerve
- Radial nerve
- Circulation

See also the detailed performance objectives in the Surgical Resident Curriculum for Unit 5.5 Orthopedic Surgery and Unit 5.7 Plastic and Reconstructive Surgery.

#### Outpatient Experience:

The resident is expected to attend office preoperative and postoperative clinic visits as assigned by the service director. At a minimum, two half days per week will be spent in the outpatient setting, with documentation of attendance and patient contact.

#### Contact Persons within the Des Moines Orthopedic Surgeons Office:

Des Moines Orthopedic Surgeons Office                      224-1414  
Sandy McCleary [smmccle@dmos.com](mailto:smmccle@dmos.com)

#### Evaluation:

At the end of the rotation, the resident will be evaluated by supervising hand and orthopedic faculty. Personal feedback will be provided and a written or computer generated evaluation form will be completed and returned to the residency office. The hand and orthopedic surgery faculty will evaluate the resident in each of the required six general competency domains. A written evaluation will be reviewed and signed by the resident and will be kept in the residents confidential file.

## COMPETENCY SPECIFIC GOALS AND OBJECTIVES:

### Patient Care

Residents must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. Residents are expected to:

- Develop diagnostic and treatment skills in the assessment of common hand injuries
- Develop diagnostic and treatment skills in carpal tunnel syndrome

### Medical Knowledge

Residents must demonstrate knowledge about established and evolving biomedical, clinical, and epidemiological sciences and the application of this knowledge to patient care. Residents are expected to:

- Critically evaluate and demonstrate basic knowledge of clinical and basic science appropriate to the management of hand surgery patients

### Practice-Based Learning and Improvement

Residents must be able to investigate and evaluate their patient care practices, appraise and assimilate scientific evidence, and improve their patient care practices. Residents are expected to:

- Discuss hand surgery experience in chief rounds by presenting patients and procedures.

### Interpersonal and Communication Skills

Residents must be able to demonstrate interpersonal and communication skills that result in effective information exchange with patients, their patients families, and professional associates. Residents are expected to:

- Communicate effectively with the hand and orthopedic surgery faculty
- Work effectively within the orthopedic outpatient surgery center

### Professionalism

Residents must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population. Residents are expected to:

- Demonstrate respect, compassion and integrity
- Demonstrate ability to work with attending hand and orthopedic surgeons in both an outpatient and inpatient setting with patients

### Systems-Based Practice

Residents must demonstrate an awareness of and responsiveness to the larger context and system of health care and the ability to effectively call on system resources to provide optimal care of patients with vascular disease. Residents are expected to:

- Work cooperatively with the hand and orthopedic surgeons to provide effective and efficient patient care
- Demonstrate understanding of the professional interactions between the orthopedic and hand surgeons and general surgery services