

## **VA Medical Center**

### **Year**

R-2

R-5

### **Location**

Dayton VA Medical Center (VA)

### **Duration**

3 Months (R-2)

4 Months (R-5)

### **Faculty**

Anil B. Krishnamurthy, MD

### **Description**

The orthopaedic resident will develop skills in evaluating and managing adults with orthopaedic disease. The rotation encompasses general orthopaedics and subspecialty services in hip and knee reconstruction, hand and shoulder and elbow. The residents are expected to see patients independently in the outpatient clinics, evaluate them and present them to the faculties that are present in the clinic. The resident will do preop evaluations of patients; participate in their surgical care and follow-up in the clinics. The residents will follow all patients on the inpatient service and round with the attendings. This rotation should provide the resident with outpatient, surgical and inpatient management of an adult reconstruction service.

In addition, the R-5 on the service will spend Thursday afternoon and Friday with Dennis Brown, MD in his Joint reconstruction practice at Good Samaritan Hospital (GSH).

Call will be coverage of the VA orthopaedic service and will include all orthopaedic consults from the ER and inpatient services. Call can be taken from home. *All duty hour rules are to be followed.*

### **Educational Objectives**

1. Residents will be able to identify and diagnose a wide variety of orthopaedic disease conditions.
2. Residents will be a part of the decision making process with regard to specific orthopaedic conditions.
3. Residents will be able to understand the entire process of patient counseling, preoperative planning, surgical techniques and postoperative care.
4. Residents will be able to perform most general orthopaedic procedures under supervision.
5. Residents will be part of a continuum of care for a particular patient.
6. Residents will be able to diagnose and treat common orthopaedic conditions at the end of the training.
7. Residents will have special emphasis in the techniques of primary joint replacement of the hip, knee and shoulder as well as upper extremity surgery at the VAMC.

## Competencies

### Patient Care

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

- Communicate effectively and demonstrate caring and respectful behaviors when interacting with patients and their families.
- Gather essential and accurate information about the patient.
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment.
- Develop and carry out patient management plans, counsel and educate patients and their families.
- Use information technology to support patient care decisions and patient education.
- Provide healthcare services aimed at preventing health problems or maintaining health work with healthcare professionals, including those from other disciplines, to provide patient-focused care.
- Residents must participate in the preoperative planning conference held at the VAMC every week.

### Medical Knowledge

Residents must demonstrate knowledge about established and evolving biomedical, clinical, and cognate sciences (e.g. epidemiological) and the application of this knowledge to patient care.

Residents are expected to:

- Demonstrate an investigatory and analytical thinking approach to clinical situations.
- Know and apply the basic and clinically-supportive sciences which are appropriate to general orthopaedic surgery.
- Lead the appropriate joint conferences assigned to the core lecture series.

### Interpersonal and Communication Skills

Residents will at all times demonstrate behavior that is beyond reproach. Residents must be able to demonstrate interpersonal and communication skills that result in effective information exchange and teaming with patients, patients families and professional associates. Residents are expected to:

- Demonstrate honest, open, civil, and effective communication with patients, staff, and colleagues (medical students, residents, and attendings).
- Create and sustain a therapeutic and ethically sound relationship with patients.
- Use effective listening skills.
- Elicit and provide information using effective nonverbal, explanatory, questioning and *legible writing skills*.
- Work effectively with others as a member or leader of a healthcare team or other professional group.

### 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.
- Be responsive to the needs of patients, society and the profession.
- Be accountable to patients, society and the profession.
- Demonstrate a commitment to ethical principles pertaining to:
  - Provision or withholding of clinical care.
  - Confidentiality of patient information.
  - Informed consent.
  - Business practices.
- Demonstrate sensitivity and responsiveness to patient's culture, age, gender and disabilities.

### **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:

- Analyze practice experience and perform practice-based improvement activities using a systematic methodology.
- Locate, appraise, and assimilate evidence from scientific studies related to their patient's health problems.
- Apply knowledge of study designs and statistical methods to the appraisal of clinical studies and other information on diagnostic and therapeutic effectiveness.
- Use information technology to manage information, access online medical information, and support their own education.
- Facilitate the learning of students and other healthcare professionals.

### **System-Based Practice**

Residents must demonstrate an awareness of and responsiveness to the larger context and system of healthcare and the ability to effectively call on system resources to provide care that is of optimal value. Residents are expected to:

- Understand how their patient care and other professional practices affect other healthcare professionals, the healthcare organization, and the larger society and how these elements of the system affect their own practice.
- Know how types of medical practice and delivery systems differ from one another, including methods of controlling healthcare costs and allocating resources.
- Practice cost-effective healthcare and resource allocation that does not compromise quality of care.
- Advocate for quality patient care and assist patients in dealing with system complexities.
- Know how to partner with healthcare managers and healthcare providers to assess, coordinate and improve healthcare and know how these activities can affect system performance.
- Actively participate in the weekly preoperative planning session held at the VAMC every week. The resident should be able to present and discuss the patient's problems and generate a preop, surgical and postop plan.

### **General Schedule**

The resident should attend all teaching conferences from 7:00-8:00 a.m. each morning (orthopaedic core lecture series).

<b>Monday</b>	VA Clinic
<b>Tuesday</b>	OR
<b>Wednesday</b>	OR
<b>Thursday</b>	VA Clinic
<b>Friday</b>	Hand Clinic (R-2 with Hand resident and Dr Gordon)

The R-5 on the VA Service is to spend Thursday afternoon and all day Friday with Dr. Brown at GSH for additional joint replacement experience.

### **Reference List**

- Campbell's Operative Orthopaedics: Must read chapters on Bio materials and Joint Arthroplasty.
- OKU Hip and Knee Reconstruction: Must read while on VA rotation.
- Adult Recon/Hip and Knee Reconstruction Self Assessment Examination: Obtain from Peggy Baldwin.

### **Evaluation**

- Review goals and objectives with attendings at beginning of rotations.
- Mid-rotation review.
- End of rotation written evaluation turned into Peggy Baldwin (both attending and resident).
- Duty hours and Op logs must be up to date at the end of the rotation, before beginning the next rotation.