

DUKE ORTHOPAEDIC SURGERY GOALS AND OBJECTIVES

ADULT RECONSTRUCTION SERVICE

PATIENT CARE

PGY-3 RESIDENT

Possesses patient care competencies associated with his history, physical examination, diagnosis, treatment plan, and postoperative management. Demonstrates competency with surgical approaches to hip and knee, effectively supervises postoperative care and manages postoperative complications of hip arthroplasty and osteotomy. Demonstrates competency in surgical approaches to the hip and knee. Demonstrates competency in hip arthroplasty.

Demonstrates competency in knee arthroplasty

CHIEF RESIDENT(PGY-5)

Possesses patient care competencies associated with history, physical examination, diagnosis, treatment, and postoperative management plans above and beyond that of the PGY-3 resident. Effectively supervises postoperative patient care and manages postoperative complications of primary and revision total hip and total knee arthroplasty.

Ability to evaluate and treat painful total joint replacements.

Demonstrates competency in primary and revision total joint arthroplasty techniques.

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MEDICAL KNOWLEDGE

PGY-3 RESIDENT

PGY-3 demonstrates basic knowledge of hip and knee implant design. Demonstrates basic knowledge of anatomy of the hip and knee.

Demonstrates knowledge of preoperative templating techniques.

Demonstrates knowledge of diagnosis and treatment of complications related to reconstructive procedures of the hip and knee.

Demonstrates development of case presentation skills.

Reads and understands material developed in the OKU Specialty Series on Hip and Knee Reconstruction.

Satisfactorily completes the OKU Self Assessment Examination for Hip and Knee Reconstruction.

Completes the reference syllabus for hip and knee reconstruction.

CHIEF RESIDENT(PGY-5)

Demonstrates knowledge of revision surgical approaches and procedures.

Demonstrates knowledge of diagnosis and treatment of hip pain in symptomatic total hip replacements.

Reads and understands material developed in the OKU Specialty Series on Hip and Knee Arthroplasty Reconstruction.

Satisfactorily completes the OKU Self Assessment Examination for Hip and Knee Reconstruction.

Completes the reference syllabus for hip and knee reconstruction.

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PRACTICE BASED LEARNING

PGY-3 RESIDENT

Demonstrates basic understanding of knowledge presented through core curriculum materials and is able to effectively assimilate into patient care practices.

Participates and presents in complications conference with special reference to current literature.

Participates in Adult Reconstruction Journal Club with special reference to current literature and evidence based medicine.

Able to locate, appraise, and assimilate evidence from past and ongoing scientific studies to patient pathologies.

Able to obtain and use information about his/her patient population and the larger population from which patients are drawn.

Able to use information technology to manage information access on-line medical information and support his/her own education.

Prepare for and participate in the monthly General Orthopaedic and Adult Reconstruction Journal Clubs.

CHIEF RESIDENT (PGY-5)

Able to effectively teach general concepts and core curriculum to medical students.

Able to identify, locate, and utilize case-specific articles to enhance learning and teaching.

Possesses ability to effectively teach preoperative templating and surgical approaches to non-arthroplasty to junior residents.

Ability to analyze effectively his or her interpretative, problem solving and surgical skills.

Able to locate, appraise, and assimilate evidence from past and ongoing scientific studies to patient pathologies.

Able to obtain and use information about his/her patient population and the larger population from which patients are drawn.

Able to use information technology to manage information access on-line medical information and support his/her own education.

Teaches and mentors PGY-3 residents and medical students on the service.

	<p>Prepare for and participate in the monthly General Orthopaedic and Adult Reconstruction Journal Clubs.</p>
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DUKE ORTHOPAEDIC SURGERY GOALS AND OBJECTIVES

ADULT RECONSTRUCTION SERVICE

INTERPERSONAL COMMUNICATION SKILLS

PGY-3 RESIDENT

Able to create and sustain therapeutic and ethically sound relationships with patients and their families.

Able to work effectively with others as a member or leader of a health care team.

Able to effectively provide information via various communication mediums.

Able to effectively use listening skills.

CHIEF RESIDENT(PGY-5)

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PROFESSIONALISM

PGY-3 RESIDENT

Exhibits a commitment to sound ethical principle in all aspects of patient care.

Interacts with patient's family in a respectful, ethical, and compassionate manner.

Develops and exhibits sensitivity to diverse patient and work force population with respect to age, culture, and gender.

Demonstrates ethical principles pertaining to confidentiality issues.

CHIEF RESIDENT(PGY-5)

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SYSTEM BASED PRACTICE

PGY-3 RESIDENT

Demonstrate awareness of economic issues of total joint arthroplasty.

Demonstrates awareness of health care workers involvement in integrated care of the total joint arthroplasty patient.

Practices cost-effective medical care within the system or practice model without compromising quality care.

Able to assess, coordinate, and improve the care of patients within the current health care system(s) in the program.

Has understanding of various health funding systems including private insurance, Medicare, Medicaid, Workers Compensation, and Vocational Rehabilitation.

Demonstrates understanding of correct coding during patient office visits and surgery.

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DUKE ORTHOPAEDIC SURGERY

DELINEATION OF LINES OF RESPONSIBILITY

ADULT RECONSTRUCTION SERVICE

OUTPATIENT CLINIC

PGY-3 RESIDENT

The PGY-3 resident will attend outpatient clinics devoted to adult reconstruction. They will obtain a history, review of systems, and perform a physical examination. The patients will be presented to the attending orthopaedic surgeon who will review the physical examination, radiographs, differential diagnosis and treatment plan with the resident. The PGY-3 resident will dictate notes on certain new patients to gain experience and adequately document the new patient evaluation. The PGY-3 resident will also be introduced to basic outpatient procedures such as aspiration and injections of the knee under the attending orthopaedic surgeon's supervision.

CHIEF RESIDENT(PGY-5)

The Chief Resident will attend outpatient clinics devoted to adult reconstruction. They will obtain a history, review of systems, and perform a physical examination. The patients will be presented to the attending orthopaedic surgeon who will review the physical examination, radiographs, differential diagnosis and treatment plan with the resident. The Chief Resident will dictate notes on certain new patients to gain experience and adequately document the new patient evaluation. The Chief Resident will also be introduced to basic outpatient procedures such as aspiration and injections of the knee under the attending orthopaedic surgeon's supervision.

**DUKE ORTHOPAEDIC SURGERY
DELINEATION OF LINES OF RESPONSIBILITY**

ADULT RECONSTRUCTION SERVICE

INPATIENT

PGY-3 RESIDENT

The PGY-3 resident is responsible for rounding on all of the orthopaedic patients assigned to the Adult Reconstruction Service on a daily basis. The resident will report, round and/or coordinate with the Chief Resident and/or attending orthopaedic surgeon regarding the patient's status on a daily basis. Daily progress notes will be recorded in the patient's chart and postoperative checks will be performed on the day of surgery.

CHIEF RESIDENT (PGY-5)

The Chief Resident will assist the PGY-3 resident in inpatient rounds and will report and coordinate with the PGY-3 resident to the attending orthopaedic resident.

**DUKE ORTHOPAEDIC SURGERY
DELINEATION OF LINES OF RESPONSIBILITIES**

ADULT RECONSTRUCTION SERVICE

OPERATIVE

PGY-3 RESIDENT

In the operating room the PGY-3 resident will assist the attending orthopaedic surgeon in surgery and demonstrate familiarity with the anatomy and the operative approaches for primary total hip and total knee arthroplasty. With progress, the resident will be able to perform surgical approaches under the direct supervision of the attending orthopaedic surgeon. In time the PGY-3 resident will perform an increasing percentage of the case under the direct supervision of the attending orthopaedic surgeon as his/her skills progress.

CHIEF RESIDENT(PGY-5_

The Chief Resident's responsibilities in the operating room include assisting the attending orthopaedic surgeon in all aspects of operative care.

The actual performance of all or part of the operative procedure will be accomplished either under direct supervision or semi-independently in those situations deemed appropriate by the attending orthopaedic surgeon.