

GOALS & OBJECTIVES UCSD ORTHOPEDIC SURGERY RESIDENCY PROGRAM

The six-year Orthopedic Surgery Residency Program at the University of California, San Diego is developed to instill critical thinking skills by incorporating one year of research and to prepare physicians for the independent practice of clinical and academic Orthopaedic Surgery.

Goals for completion of the residency program include:

- Develop and gain confidence in clinical skills in all fields of orthopedic surgery
- Practice compassionate patient care
- Achieve professional competencies
- Acquire a broad depth of medical knowledge
- Participate in scholarly activity through research and interactive educational sessions

This will be done through an organized, structured program in the education of Orthopaedic Surgery. The residents will be provided the resources and leadership needed to achieve a well-rounded exposure to all fields within orthopedic surgery, including basic science and clinical practice. Residents will provide outstanding patient care and lead peers and medical students by example. Scholarly activity is promoted through basic science and clinical research, as well as an extensive didactic and interactive curriculum.

The educational goals and objectives are predicated on the six core competencies, as directed by the ACGME:

PATIENT CARE

- Residents will learn and be able to perform thorough and complete history and physical, with appropriate documentation of musculoskeletal conditions
- Non-surgical decision-making and non-operative treatment modalities are learned and performed as indicated.
- Surgical indications, approaches, risks/ benefits, and outcomes are learned and improved upon throughout progression in the residency program.
- Appropriate evaluation and interpretation of laboratory tests and imaging studies are critical to good patient care
- Early recognition of orthopedic emergencies and life- and limb-threatening conditions is emphasized from PGY 1 year on with progressive responsibility throughout residency.
- Understanding and treating pain is emphasized on all clinical rotations, taught by multidisciplinary lectures, and by working with acute and chronic pain services.

MEDICAL KNOWLEDGE

Residents will gain medical knowledge in all subspecialty areas of orthopedic surgery. Dedicated rotations in each area allow for exposure to a broad variety of musculoskeletal conditions.

- Classic and current journal articles are reviewed weekly as well as monthly in a variety of settings, including peer presentations, group discussions, and journal club.
- Appropriate textbooks and textbook chapters are assigned as reading and discussed with faculty.
- Daily and weekly interactive conferences with faculty mentorship allow for further discussion of orthopedic conditions.
- Pathogenesis of disease is emphasized in reading as well as presentations.
- Epidemiology, clinical manifestations, and differential diagnosis are discussed for all patients.
- Reading, lectures, and an embedded infectious disease specialist and endocrinologist allow for learning relevant pharmacology and therapeutics.
- Basic concepts of risk management in medical practice are taught

PROFESSIONALISM

Residents are expected to:

- Practice ethical conduct at all times
- Accept responsibility for patient care
- Learn to be an advocate at all times for the interest of patients
- Display behaviors that foster and reward patients' trust
- Demonstrate a commitment to service of patients regardless of socioeconomic status or race, age, or cultural background.
- Complete medical records in a timely fashion
- Participate in community, regional, and national events to foster professional relationships

SYSTEMS BASED PRACTICE

Residents are expected to

- Work professionally and collegiality with different members of various health care delivery teams.
- Communicate effectively with referring physicians
- Serve as consultants to educate other services
- Demonstrate knowledge of HIPAA regulation
- Learn and practice cost effective patient care with regards to implant choice, inpatient length of stay, and medications
- Learn about various billing and coding guidelines through interactive small group discussions and utilize them for both outpatient and inpatient care

- Discharge patients in a timely and appropriate manner with appropriate communication to the receiving facility when indicated

PRACTICE BASED LEARNING AND IMPROVEMENT

Residents are expected to:

- Comprehend principles of office notes, surgical dictation, hospital records and their role in patient care, reimbursement, and medical-legal affairs
- Uses information technology to access and manage clinical information
- Evaluate and critically review scientific evidence appropriate to the care of individual patients
- Identify errors in medicine and basic strategies to reduce medical errors by monthly active participation in morbidity and mortality conference
- Learn and practice the need for patient confidentiality and exhibit behavior consistent with this

INTERPERSONAL AND COMMUNICATION SKILLS

- Residents will learn and practice effective communication skills including explanations, questioning, and writing skills by role modeling, video presentations, and interactive small group discussion
- Learn and perform a complete history, utilizing interpreters as needed to avoid language barriers.
- Use appropriate skills and strategies for communicating during difficult situations
- Respects the rights of all patients to make informed decisions
- Understand how family, culture, and religious beliefs can influence health care decisions
- Use appropriate techniques for collaborating with and teaching fellow residents, medical students, and other health care professionals
- Acknowledge the need for and seek assistance and counsel when needed
- With mentorship, present grand rounds to UCSD faculty and residents, Navy faculty and residents, community physicians and other affiliated health care providers.