



Clinical Research Internship Job Overview

Research Learning Objectives

- To understand the processes and procedures of clinical research in an orthopedic setting
- To acquire the skills necessary to perform and oversee proper informed consent process
- To understand the documentation process before, during, and after a clinical research trial
- To obtain patient care experience
- To learn how to navigate and utilize electronic data capture systems
- To enhance the understanding of Microsoft Excel and Microsoft Word in a clinical research setting
- To acquire the skills necessary to perform research at a FDA regulated environment
- To acquire the skills to maintain a Cleanroom compliant according to USP 797
- To gain a basic understanding of Stem Cell Cryopreservation, Stem Cell culture, Flow Cytometry, Multiplex (ELISA) and Fluorescent Inverted Microscopy
- To assist with ongoing research projects in the laboratory
- To understand Good Clinical Practices and how to maintain compliance
- To learn HIPAA Compliant patient care practice
- To enhance skills related to patient care and interactions

Research Laboratory Learning Objectives

- To acquire the skills necessary to perform research at an FDA regulated environment
- To acquire the skills to maintain a Cleanroom compliant according to USP 797
- To gain a basic understanding of Stem Cell Cryopreservation, Stem Cell culture, Flow Cytometry, Multiplex (ELISA) and Fluorescent Inverted Microscopy
- To assist with ongoing research projects in the laboratory
- To understand Good Clinical Practices and how to maintain compliance
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Surgical Skills Lab Learning Objectives

- Gain exposure and obtain hands-on experience in a surgical skills lab setting
- Observe and assist with surgical skills labs for both arthroscopic and open procedures
- Learn the process of hosting a surgical skills lab/event from start to finish, including set-up and clean-up procedures
- Gain better understanding of the importance of HIPAA and OSHA, as well as the processes and procedures needed to remain compliant
- Gain an understanding of care and process for cadaver tissue utilized in the lab



- Gain experience interacting with orthopaedic surgeons and company medical representatives

General Learning Objectives

- Gain experience working in a professional healthcare setting
- Obtain or enhance sports medicine knowledge
- Enhance the understanding of Microsoft Excel, Word, and Power Point
- Gain exposure to Project Management

Overview of Responsibilities & Expectations

- Support Research Team during sample analysis
- Support Research Team in the maintenance of critical laboratory equipment
- Perform literature searches needed for new project development and manuscript preparation
- Collect data and analyze clinical significance
- Assist Clinical Research Coordinators (CRC) in any procedures or patient visits as needed
- Assist CRC in scheduling patient visits
- Assist CRC in informed consent process
- Enter patient visit data into electronic data capture system
- Maintain protocol data as prescribed within study protocol
- Interact professionally and respectfully with research participants, upholding participant privacy and ethics in accordance with IRB and HIPAA regulations
- Gather patient adverse events and concomitant medications at each visit
- Administering patient questionnaires
- Assist with daily operational events for the surgical skills lab and education department
- Assist with set up and clean up for scheduled labs in the skills lab
- Assist with storage, handling, and setting up cadaver tissue for labs
- Enhance standard operating procedures for the surgical skills lab
- Process and manage a weekly supply inventory of lab - communicating supply needs, restocks, etc.

Time Commitment (Days/Hours)

- Recommended 2 consistent days per week for 6-7 hours each day.