

Welcome to Orthopaedics! You are about to be exposed to a challenging surgical subspecialty that is unlike any other. Both the faculty and resident staff are highly invested in maximizing your educational experience while you are on the rotation, and we encourage you to work hard so that you can gain the most from your block time on the Orthopaedic Surgery elective. Regardless of your career interest level in the field, we do believe that a fundamental knowledge of musculoskeletal pathology is important for all practitioners. In line with this belief, we have developed the following objectives and expectations for your rotation (below). These goals are in line with the overall mission of the General Surgery Clerkship. Diligent reading and practical operating room experience, combined with conscientious ward work will allow you to appropriately achieve these objectives. Above all else – relax, be yourself, and have fun!

Contained within this document is some general administrative information regarding your rotation objectives and description of the rotations, a guide regarding the evaluation process, and helpful links/reading suggestions to help you prepare for the rotation.

Your Rotation

Your time on the Orthopaedic elective will consist of a 4-week consecutive block depending on the length of overall General Surgery Clerkship. You will be exposed to a breadth of Orthopaedics via weekly rotations on our various services (sub-rotations). You will be pre-assigned to these services in an organized fashion that will allow you truly experience a comprehensive education in the care of an injured musculoskeletal patient. Each sub-rotation will match you with a resident and/or an attending/s that will help guide you through the process, allowing for true mentorship, thus optimizing your educational experience. Every student will rotate at Cincinnati Children's Hospital Medical Center, UCMC Trauma Service with Residents, and specialty attending. These include Sports Medicine, Pediatric Orthopaedics, Foot and Ankle and/or Hand Surgery. Rotations are subject to change based on staff availability.

Trauma Rotation: Report to the Freiberg Library, MSB, Room 5501 at 6:00 am (Monday) for morning rounds with the trauma team. You will be assigned to round on the first patient on the census starting the second day, and this will be the patient that you follow for the week (present in morning, note writing, etc.). Four of the five days will be spent in the OR with the PGY-3 that is on the service, and one of the five days (Wednesday of the rotation) will be spent with the intern (helping with floor work, seeing consults, etc.).

Sports Medicine Rotation: During this rotation you will be assigned to one of our available Sports Medicine Physicians. This sub-rotation will mainly consist of an outpatient (clinic and OR) experience, and your schedule will mirror the physician on the Sports Medicine Service.

Pediatric Rotation at CCHMC: There is a diverse amount of pathology to be seen on this sub-rotation, and it will be impossible to see it all. The chief resident will create your schedule. Molly Jump is the Coordinator at CCHMC and will send you your badge information to complete. Molly Jump can be reached at molly.jump@cchmc.org

Hand Surgery Rotation: You will be assigned to work with one of our hand surgeons. Your clinical and OR schedule will match the surgeon's schedule. Gina Traylor will send your schedule.

On-Call/Key: Call will be taken twice while on the rotation, and post-call responsibilities will be consistent with the policies of the College of Medicine. All call will be taken at UCMC with the trauma team. You will be assigned one weekday call and one weekend call (a Saturday). For weekday call, you will report to MSB Resident's Room 5507 at 6:00 pm to sign-out with the resident on-call with you. For the Saturday call you will report to the Freiberg Library at 6:00 am to begin your call (the start of rounds)

Rotation Objectives

- 1) Garner the ability to efficiently and effectively evaluate and treat common musculoskeletal injuries
- 2) Gain insight into the basics of the Orthopaedic physical exam
- 3) Read and describe x-rays of long bones
- 4) Basic principles of fracture management, including techniques of plaster casting
- 5) Appropriate exposure to a wide variety of common Orthopaedic Surgical Procedures

6) Ability to successfully manage the post-operative Orthopaedic patient, including pain control and wound management

Participation: In order to achieve the above objections, it is paramount that you become an active member of the team that you are assigned. The above sub-rotation descriptions can be used as a guide in conjunction with the following “rules of thumb”.

- 1) Participation in surgery; scrub in on cases as directed by attending or resident
- 2) Attendance at outpatient clinic; students will see and present patients to attendings/senior resident
- 3) Work-up of selected inpatients; this will vary based on patient volume and the assigned sub-rotation
- 4) You are expected to wear appropriate attire to clinic and present yourself in a professional and courteous fashion throughout the entirety of your rotation.
- 5) You are expected to attend all lectures that are given within the Department of Orthopaedics, so long as they do not conflict with the required lectures of the General Surgery Clerkship

Evaluation Process

Your final grade will be consistent with the policies of the General Surgery Clerkship. Your evaluation form is managed and generated from The College of Medicine via MedOneStop.

Key Orthopaedic Reference Material During Your Rotation

Journals (all available electronically via the Health Sciences Library):

- 1) Journal of American Academy of Orthopaedic Surgeons (JAAOS) – Dedicated to review articles on various orthopaedic topics. A must for preparation the night before surgical cases
- 2) Journal of Bone and Joint Surgery (JBJS) – Known as “The Journal” in the Orthopaedic community.

Books (all available at the Freiberg Library, Room 5501, MSB):

- 1) Campbell’s Operative Orthopaedics – can be dense, but very comprehensive
 - 2) Operative Techniques in Orthopaedic Surgery – excellent for a concise review of surgical procedures
 - 3) Surgical Exposures in Orthopaedics: The Anatomic Approach – AKA Hoppenfeld’s, a must read for pertinent surgical anatomy encountered during surgery
- * All books must be promptly returned to the library after their use.

Internet Resources:

- 1) Vumedi – a free online resource that allows you to view surgical procedures
- 2) AAOS.org

Administrative Support

The following people will assist you along the way, and it is imperative you treat all members of our staff with the utmost respect.

Gina Traylor – program coordinator. She will be your main point of contact throughout the rotation. Her email is gina.traylor@uc.edu. Her office is located in the MSB, room 5553.

Molly Jump – program coordinator at CCHMC. Her email address is molly.jump@cchmc.org

Phillip Ross, MD – UC Director of Medical Student Education, within the Department of Orthopaedics. His email address is rosspp@ucmail.uc.edu.

Wendy Ramalingam, MD – Director of Medical Student Education at CCHMC. Her email address is wendy.ramalingam@cchmc.org

Please do not hesitate to contact us with any questions or issues that may arise during your time with Orthopaedics. We are highly invested in your education and willing to confidentially discuss any problems that may come about. We are excited to have you rotate with us ... remember to work hard, be yourself, and have fun.