



MOUNT CARMEL

Orthopedic Surgery Student Rotation Manual 2019-2020

Mount Carmel Health System
Columbus, Ohio



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Introduction

Welcome to the orthopedic surgery rotation at Mount Carmel Hospital!

This rotation is intended to give you an overview of a typical general orthopedic surgeon's case management for various conditions. You will be asked to be involved to the best of your abilities, and take a proactive approach in patient care. The number one purpose of this rotation is for you to learn. The more you are involved, the more you will learn.

During your rotation you will be exposed to various orthopedic conditions, both surgical and non-surgical, dealing with both in and outpatients. It is not expected that you see or perform every procedure, as you will only be spending a short time with us. However, if there is something that interests you about a particular aspect of orthopedics, please let the resident know so that they may try to accommodate your desire.

Let this manual be your guide toward expectations while on service. Many answers to common questions (ex: regarding call, weekends, and vacation) are found in the following pages. Please direct any other questions to the orthopedic resident. If in doubt – ASK!

Before the end of your rotation (a few days in advance), please give your personal evaluation about the orthopedic resident(s) with which you spent the most time. You will be asked to evaluate the rotation from your standpoint as well. Please be honest, and give any advice or criticism professionally to help us improve ourselves.

Once again, welcome and good luck!

2019 – 2020 Orthopedic Residents and Faculty

Overview of Rotation and Requirements

The orthopedic surgery rotation is intended to introduce and familiarize you with the management of orthopedic in and outpatients emergently, surgically, and clinically. By the end of the rotation, you should have become familiar with the musculoskeletal physical examination, radiograph interpretation and communication, and common orthopedic surgical procedures.

General

You will make hospital rounds each morning at 6:00 am on all orthopedic patients under direction of the resident in charge. You are responsible for seeing assigned patients pre-op and post-op as requested by the attending physician or resident.

You are expected to participate in surgeries. Check the surgery schedule in the main hallway of the OR, at least one day in advance, for upcoming surgeries. Furthermore, you may discuss the surgery schedule with any of the residents. You are expected to do a complete review of anatomy for each scheduled case. Make sure you arrive to the OR, in proper attire; at least 15 minutes before the case's scheduled start time.

You will be asked to participate in the orthopedic clinic (located on the 4th floor of bldg 2/MCGC). Clinic is every Wednesday from 12:45pm - 5:00pm. Professional dress is required. You will also be assigned to spend time in the clinics of attending staff by the residents.

Hours

The required hours are 6:00 am until 5:00 pm unless otherwise notified by residents or faculty. It is up to the discretion of the orthopedic resident to dismiss you.

Weekends

You are not required to work weekends unless the call coverage is such that a Friday call will be needed. If this situation arises, please discuss with senior residents.

Vacation

Any scheduled vacation or time off should be brought to the attention of the orthopedic resident, chief resident and program director both at the beginning of the rotation and prior to the time off.

Overview of Rotation and Requirements (cont'd.)

Call

You are expected to take in-house call during your rotation. Call will be either overnight call, with you going home by 10 am the following morning, or a "short" call, with you leaving the hospital by 8 pm and returning for a normal workday the following day. The decision of overnight versus short call will be decided by the resident staff that evening and shall depend on circumstances that evening and the following day. Number of calls varies according to length of rotation, with at least one call per week.

Didactics

You are expected to attend all didactic sessions. The schedule should have been given to you during orientation. A separate copy is posted in the junior office and extras are available through Lori Cropper (614-663-4626).

In addition to the scheduled didactic sessions you will attend with the residents and faculty, you will have a formal didactic session dedicated to rotating students. This will be known as **Ortho 101**. The session will be led by recently retired faculty member, Dr. Stephen Kolodzik and will take place in the "Junior Room." Dr. Kolodzik will spend an hour from 8 to 9 am every Monday (following fracture conference) to go over x-rays, common orthopedic problems or whatever he and/or the students would like to discuss. This will be an informal stress free educational tool that will be a great asset to your experience at Mount Carmel.

Student Presentation

Each student is required to give a ten-minute presentation near the end of the rotation. Faculty or residents will assign topics. A one page summary sheet and reference list should be submitted at the time of the presentation.

Evaluation

Please give your resident evaluation(s) to Lori Cropper **a few days before the last day of your rotation** about the resident(s) with which you spent the most time. You may be asked to evaluate the rotation at which time an honest, constructive evaluation will be appreciated. ***Please see Rebecca Nance – Medical Student Coordinator (614-663-4608) prior to leaving on your last day.***

These requirements may be, and may only be, amended by the chief residents or program director.

Procedures Log

Name _____ Dates on service _____

Procedure	Observed	Participated	Resident Signature
Floor/ER			
Short arm cast			
Long arm cast			
Short leg cast			
Long leg cast			
Thumb spica cast			
4-5 spica cast			
Cast removal			
Joint aspiration			
Joint injection			
Hematoma block			
Fracture reduction			
Joint relocation			
Digital block			
Surgery			
TKA			
THA			
Hip hemiarthroplasty			
Knee arthroscopy			
Shoulder arthroscopy			
Carpal tunnel release			
Hip fracture ORIF			
Ankle ORIF			
Distal radius/Wrist ORIF			
I & D			

TKA = total knee arthroplasty, THA = total hip arthroplasty, ORIF = open reduction internal fixation, I & D = irrigation and debridement

Recommended Resources and Readings

Books:

****Handbook of Fractures, 3rd Ed.**

Koval and Zuckerman. Lippincott ©2005

Orthopedic Knowledge Update 8, Home Study Syllabus

Vaccaro MD ed. American Academy of Orthopedic Surgeons ©2005

Review of Orthopedics, 5th Ed.

Miller MD. Saunders

Physical Examination of the Spine and Extremities

Hoppenfeld. Prentice Hall ©1976.

Orthopedic Secrets, 3rd Ed.

Brown and Neuman. Elsevier ©2003

Reference Books:

Skeletal Trauma/Skeletal Trauma in Children, 4th Ed.

Browner et al. /Green et al. Elsevier

Campbell's Operative Orthopedics, 11th Ed.

Canale et al. Elsevier

DeLee and Drez's Orthopedic Sports Medicine, 2nd Ed.

DeLee et al. Elsevier ©2002

Rockwood and Green's Fractures in Adults/Rockwood and Wilkins' Fractures in Children

Bucholz ed. /Beatty et al eds. Lippincott ©2006.

Anatomy:

****Netter's Concise Atlas of Orthopedic Anatomy**

Thompson et al. Elsevier ©2001.

Surgical Exposures in Orthopedics: The Anatomical Approach, 3rd Ed.

Hoppenfeld and DeBoer. Lippincott ©2003.

Journals:

Journal of Bone and Joint Surgery (JBJS)

Journal of Orthopedic Trauma (JOT)

Journal of the American Academy of Orthopedic Surgeons (JAAOS)

(Journals are in the medical library and can also be accessed online)

Attendings

Richard Fankhauser, MD **Program Director**

Mount Carmel Attendings (MCGC/MCE/MCSA)

Jeff Backes, M.D. (sports/shoulder)

Brent A. Bickel, M.D. (hand)

Bryan T. Chambers, M.D. (hip and knee reconstruction)

Brian L. Davison, M.D. (trauma)

Craig Dimitris, M.D. (hand)

Jonathan B. Feibel, M.D. (foot and ankle)

Jason Ferrel, M.D. (spine)

Richard A. Fischer, M.D. (shoulder)

Ty Fowler, M.D. (trauma)

Steven T. Gaines, M.D. (general/sports)

Robert T. Gorsline, M.D. (foot and ankle)

David Hannallah, M.D. (spine)

Stephen N. Kolodzik, M.D. (general)

David Huber, M.D. (trauma)

John Hwang, M.D. (trauma)

John Johansen M.D. (shoulder/elbow)

Stephen Kolodzik, M.D. (gen ortho/shoulder)

Robert Martin, M.D. (sports)

Joel R. Politi, M.D. (hip and knee reconstruction)

James E. Popp, M.D. (hand)

Robert N. Steensen, M.D. (knee)

Robert C. Turner, M.D. (general)

Corey Van Hoff, M.D. (trauma)

Michael B. Williard, M.D. (general/shoulder)

Raymond K. Wurapa, M.D. (hand)

Nationwide Children's Hospital Attendings

Walter Samora, M.D.

Allan Beebe, M.D.

Kevin Klingele, M.D.

Grant Hospital Attendings

Bruce French, MD
Sanjay Mehta, MD
Kevin Pugh, MD

Ben Taylor, MD
Joaquin Castaneda, MD

2019 – 2020 Residents/Interns

PGY - 5

Brandon Lucas, M.D. (Indiana Univ.)
Stephen Berling, M.D. (Univ. Cincinnati)

PGY - 4

Rob Wetzel, M.D. (University of Toledo)
Kelvin Luu, M.D. (New York Medical College)

PGY - 3

Paul Rutkowski, M.D. (Wright State Univ.)
Cody Stover, M.D. (Marshall Univ.)

PGY - 2

Alex Savage, M.D. (Univ. of Toledo)
Valeri Wolf, M.D. (Univ. of Louisville)

PGY-1

Vibhatsu Amin, MD (NEOMED)
Hunter Spitz, MD (Wright State Univ.)

Important Phone Numbers

Residents	Pager Number
Stephen Berling	303-5758
Brandon Lucas	303-5752
Kelvin Luu	303-5755
Rob Wetzel	303-5751
Paul Rutkowski	303-5757
Cody Stover	303-5756
Alex Savage	303-5760
Valeri Wolf	303-5754
Vibhatsu Amin	303-5753
Hunter Spitz	303-5759

Mount Carmel Grove City Operator: 663-5000
Lori Cropper: **Program Administrator** 663-4626

MCGC: 663-5306

MCGC Clinic: 663-4550

* Dial "2" for in-house calls.

*You must dial a "9" first when using hospital phones to call outside numbers

Map of Mount Carmel Grove City Hospital

MOUNT CARMEL GROVE CITY | MAIN CAMPUS MAP FLOOR 1


**MOUNT CARMEL
GROVE CITY**
 5300 North Meadows Drive
 Grove City, Ohio 43123
 614-663-5000



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MOUNT CARMEL GROVE CITY | BUILDING LOCATIONS MAP

DESTINATION	BUILDING & FLOOR
Administration	1 Floor 1
Cancer Center	2 Floor 1
Cardiac Rehab	1 Floor 2
Cardiovascular Imaging Lab (CVIL)	H Floor 2
Central Ohio Surgical Associates (COSA)	3
Chapel	H Floor 1
Columbus OBGYN	3
Conference Center	H Floor 1
Emergency Department	H Floor 1
Endoscopy	H Floor 2
Family Lounges - Surgery	H Floor 2
Financial Services	H Floor 1
Gift Shop	H Floor 1
Hamilton Coffee Cafe	H Floor 1
Hawkes Cafe	H Floor 1
Inpatient Rehab Services	H Floor 5
Interventional Radiology	H Floor 2
Maternal Fetal Medicine	H Floor 1
Maternity Center	H Floor 3
Medical Records	2 Floor 5
Mount Carmel Anticoagulation Center	1 Floor 2
Mount Carmel Breast Surgery	2 Floor 3
Mount Carmel Central Ohio Pulmonary & Sleep	2 Floor 3
Mount Carmel Grove City Primary & Specialty Care Physicians	2 Floor 4
Mount Carmel Heart & Vascular Center	1 Floor 2
Mount Carmel Medical Group Grove City	4
Mount Carmel Neurology	1 Floor 1
Mount Carmel Neurosurgery	1 Floor 1
Mount Carmel Obstetrics & Gynecology	2 Floor 3
Mount Carmel Pain Management	3
Mount Carmel Urogynecology & Pelvic Floor	2 Floor 3

DESTINATION	BUILDING & FLOOR
Mount Carmel Wound Care Center	3
Neurodiagnostics	H Floor 2
NeuroPsychology	1 Floor 1
Newborn Intensive Care Unit	H Floor 3
Nuclear Medicine	H Floor 2
Orthopedic ONE	3
Outpatient Infusion	2 Floor 1
Outpatient Lab	H Floor 1
Outpatient Rehab Services	4
Outpatient Surgery Department	2 Floor 2
Pre-Admission Testing	2 Floor 1
Premier Allergy	3
Radiation Therapy	2 Floor 1

DESTINATION	BUILDING & FLOOR
Registration	H Floor 1
Security	H Floor 1
Spiritual Care	H Floor 1
Surgery Department	H Floor 2
Volunteer Services	H Floor 1
Women's Health Center	2 Floor 2

MAP KEY

- H** Mount Carmel Grove City | Main Hospital
5300 North Meadows Drive
- 1** Mount Carmel Grove City | Building 1
5300 North Meadows Drive
- 2** Mount Carmel Grove City | Building 2
5300 North Meadows Drive
- 3** North Meadows Office Building
5500 North Meadows Drive
- 4** Mount Carmel Health Center
3000 Meadow Pond Court



Internship and Residency at Mount Carmel Hospital

Mount Carmel Hospital participates in the ERAS system for application for internship. All applicants must complete the online information and register for the match to be eligible for internship and residency.

There are 2 positions available each year. The internship and residency are linked. Therefore, upon satisfactory completion of your internship year, you will automatically begin orthopedic surgery residency. The orthopedic surgery residency lasts 4 years, for a combined total of 5 years of post-graduate medical education. (Most orthopedic fellowships (spine, total joints, sports medicine, etc.) are 1 year.

It is assumed that students participating in an orthopedic elective at Mount Carmel between June and October are seeking orthopedic residency positions via the match process. Orthopedic surgery is very competitive across the nation and Mount Carmel is no different. We seek and have been able to attract highly qualified students to our program. **We will not necessarily strongly consider or grant formal interviews to all rotating students.**

Typical schedules

PGY-1 year: 6 months ortho (including 1 month at Childrens), 1 month plastics, 1 month ER, 1 month gen surgery, 1 month trauma, 1 month anesthesia, 1 month vascular.

PGY-2 year: 6 months on the program director's service (general ortho), 3 months general ortho / foot and ankle, 3 months basic science/spine

PGY-3 year: 3 months basic science/anatomy, 3 months general ortho/trauma, 3 months trauma at Grant Hospital (level 1 trauma), 3 months hand

PGY-4 year: 6 months pediatrics, 3 months knee/shoulder, 3 months adult recon (hip/knee)

PGY-5 year: 12 months of chief responsibilities, elective rotations

If you have further questions about medical education or orthopedic surgery at Mount Carmel Hospital, please go to our website:

WWW.GME.MCHS.COM

or contact:

Lori Cropper
Orthopedic Surgery Residency Program Administrator
Phone: (614) 663-4626
lcropper@mchs.com

Notes

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