

There are four core musculoskeletal radiology texts you will read over the course of your 4 years; if you have studied them in their entirety at least once by the end of PGY4, you WILL not only pass but will do WELL on the Core Exam. Hard copies of these 4 texts are (will be) available in the resident library. The Helms (5<sup>th</sup> ed), Brower (3<sup>rd</sup> ed) and Major (3<sup>rd</sup> ed) books are available electronically through the Geisel library. C Foster has a copy of Chew, and it should be in the resident library soon. The minimum reading assignments are listed below by rotation. The end of rotation oral exams will take cases from the assigned topics, to include from prior rotations.

Clyde **Helms**, Fundamentals of Skeletal Radiology 5<sup>th</sup> ed.

Anne **Brower**, Arthritis in Black and White 3<sup>rd</sup> ed.

Felix **Chew**, Skeletal Radiology: The Bare Bones 3<sup>rd</sup> ed.

Nancy **Major** MD, Mark **Anderson** MD et al, Musculoskeletal MRI, 3<sup>rd</sup> ed.

# FIRST YEAR MSK READING CURRICULUM

Clyde **Helms**, Fundamentals of Skeletal Radiology. He's an interesting author, so just ignore all his little asides and "jokes."

Anne **Brower**, Arthritis in Black and White. It's organized in two major sections, mostly pictures: a block of chapters on each type of arthropathy and a second block of chapters organized by joint and how all the different arthritides look at that joint.

These are both relatively short and should, with consistent study-time, be readable during your first MSK rotation.

Felix **Chew**, Skeletal Radiology: The Bare Bones 3<sup>rd</sup> ed. Focus on Chapter 1, Approach to Trauma

Here's the **SSR website** link to the video lectures:

<https://radiologycorelectures.org/msk/>

All the lectures are great, but you might not have time to watch them all. Most of them are 15-20 minute long. Start with:

Musculoskeletal Trauma (all)

Arthritis (all)

Tumors (Bone Tumors and Tumor-like lesions)

Orthopedic Imaging (Orthopaedic Imaging: Principles of Fracture fixation; Radiographic Analysis of the Prosthetic Hip; Basics of Spine Surgery)

Infection (Osteomyelitis: Acute and Chronic)

# SECOND YEAR MSK READING CURRICULUM

Review **Helms** and **Brower** as needed.

Felix **Chew**, Skeletal Radiology: The Bare Bones 3<sup>rd</sup> ed.

Musculoskeletal MRI. Nancy **Major** MD, Mark **Anderson** MD et al

- Chapters 1-5 (Basic Principles of MSK MRI; Marrow; Tendons and Muscles; Peripheral Nerves, Musculoskeletal Infections)
- Chapter 10 Shoulder
- Chapter 15 Knee

Here's the SSR website link to the video lectures:

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All the lectures are great, but you might not have time to watch them all. Review any videos from the first rotation as needed.

Congenital Disorders (all)

Tumors (all)

Metabolic Diseases (all)

Marrow (all)

Infection (Septic Arthritis, Tenosynovitis and Bursitis)

Imaging of Internal Derangement of Joints (Rotator Cuff; Shoulder MR Instability; Imaging of Menisci; Knee Ligaments)

# THIRD YEAR MSK READING CURRICULUM

Review **Helms**, **Brower** and **Chew** as needed.

Musculoskeletal MRI. Nancy **Major** MD, Mark **Anderson** MD et al

- Chapter 11 Elbow
- Chapter 12 Wrist and Hand
- Chapter 14 Hips and Pelvis
- Chapter 16 Foot and Ankle

Here's the SSR website link to the video lectures:

<https://radiologycorelectures.org/msk/>

All the lectures are great, but you might not have time to watch them all. Review any videos from the prior rotations as needed

Imaging of Internal Derangement of Joints (Imaging of the Elbow; MRI Wrist; Imaging of the Hip; Imaging of the Pelvis; MRI of Ankle; Imaging Muscle Injury)

Orthopedic Imaging (MRI Imaging of the Postoperative Knee)

Musculoskeletal Pathology (all)

## Core Exam Review available!

# FOURTH YEAR MSK READING CURRICULUM

Review **Helms**, **Brower**, **Chew** and **Major/Anderson** as needed.

Musculoskeletal MRI. Nancy **Major** MD, Mark **Anderson** MD et al

- Chapters 6-8 (Arthritis and Cartilage; Tumors; Osseous Trauma)

Here's the SSR website link to the video lectures:

<https://radiologycorelectures.org/msk/>

Review any videos from the prior rotations as needed.