

Initial Post Instructions

Over the past 3 weeks, I've gained a deeper understanding of the integumentary, skeletal, and joint systems. But even with the great progress in understanding, there are still a few questions that I need to dive deeper into to help me further understand some topics. In Week 5, I learned more about how the skin and its accessory structures work together to protect the body, regulate temperature, and contribute to overall homeostasis. Week 6 allowed me to explore the structure and functions of bones, the process of ossification, and the differences between the axial and appendicular skeletons. And in Week 7, I focused on the classification of joints, the mechanics of joint movement, and how structural differences in joints impact their function and vulnerability to disorders like arthritis. Overall, connecting anatomical structures to clinical conditions has been the most helpful part of these modules. It's made the material feel more applicable to patient care, which has kept me engaged and motivated to keep learning.

A few of the questions I want to explore further are:

1. What specifically determines the direction and pattern of bone remodeling during different types of fractures?
2. How do autoimmune diseases like rheumatoid arthritis differ in their joint damage mechanisms compared to degenerative conditions like osteoarthritis?

Follow-Up Post Instructions

As a follow up, respond to a peer's question and discuss how you have prepared for the exam this week and what has helped you so far in your learning process.

We encourage you to post by Wednesday to get this conversation started!

This checkpoint will also serve as a weekly attendance tracker.