

## Topics in Radiology for the Practicing Chiropractor, Part 1

This lecture will highlight frequently encountered variation in spinal and extremity anatomy that can be seen on x-ray or or advanced imaging. We will discuss the clinical implications, or lack thereof, related to these anomalies. We will discuss contraindications to HVLA adjusting associated with certain anomalies and if additional imaging is needed prior to the application of chiropractic adjustments.

Outline: Hour 1: Skeletal Dysplasias Cervical spine  
Hour 2: Cervical spine and Thoracic Spine  
Hour 3: Lumbar Spine  
Hour 4: Upper Extremity

Objectives: This course will focus on spinal and extremity anatomic variants and the clinical significance of such variants, with specific attention to the clinical significance of or presentation of anomalies, including dysplasia syndromes. The imaging presented with this course will cover X-ray, CT, and MRI modalities.

### References:

Yochum, T. R., & Rowe, L. J. (2005). Yochum and Rowe's essentials of skeletal radiology. Philadelphia: Lippincott/Williams & Wilkins.

Keats, T. E., & Anderson, M. W. (2013). Atlas of normal roentgen variants that may simulate disease. Philadelphia, Pa: Elsevier/Saunders.

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