

Radiography of Cervical Spine Learning Objectives

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Online Only

Objective: Provide multiple clinical case studies to review radiographic search pattern of the cervical spine. Emphasis will be placed on radiology positioning, evaluation of the cervical spine radiographs to improve search pattern, and case management implications and advanced imaging. This course will also review ligamentous laxity and instability of the cervical spine.

Hour 1: Review of standard radiology positioning of the cervical spine with additional discussion on the importance of lateral flexed and extended, and bilateral oblique radiographs of the cervical spine.

Hour 2: Review of evaluation of the cervical spine radiographs with an emphasis on search pattern. This will include a discussion on “Lines of Interest” to improve the chiropractors search pattern on the radiographs.

Hours 3: Case study approach on degenerative changes, congenital anomalies and trauma. Discussion will include radiographic signs, clinical impact, need for additional studies or advanced imaging if applicable.

Hour 4: Case study approach on trauma in the chiropractic office. Discussion will include radiographic signs, clinical impact, need for additional studies or advanced imaging if applicable.

Hour 5: Review of evaluation and interpretation of ligamentous laxity or instability of the cervical spine. Case study approach on cervical spine radiographs with measurements of ligamentous laxity or instability.

Hour 6: Continuation of review of evaluation and interpretation of ligamentous laxity or instability of the cervical spine. Case study approach on cervical spine radiographs with measurements of ligamentous laxity or instability.