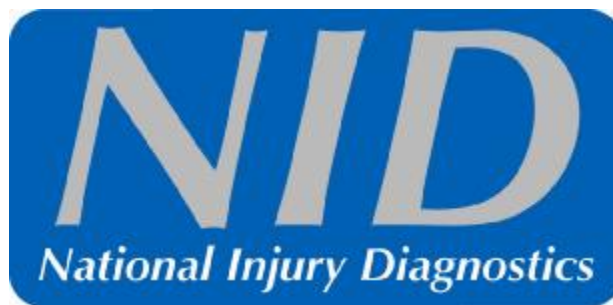


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“Optimal Patient Outcomes through Accurate Injury Assessment”



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Radiographic Digitizing Analysis - Added

Sub-Recommendation - Added

Computerized X-ray analysis may be used by chiropractors to objectively analyze the biomechanical and misalignment improprieties related to vertebral subluxation. **Clinical necessity is justified for assessing the degree of insult (*Medical term for trauma or injury*) and the effect upon the patient’s health and future well-being by way of impairment rating.**

Rating: Established

Evidence: E, L

Commentary - Added

Diagnostic imaging methods may be utilized for obtaining information concerning the vertebral subluxation and other malpositioned articulations and structures, primarily the osseous misalignment component. Although advanced imaging can provide important information regarding foraminal alteration and possible nerve impingement, it is also possible to demonstrate aberrant motion and position which may impact upon the safety, appropriateness and outcome of chiropractic care.

Computer aided digitizing mensuration analysis software has demonstrated accuracy to 0.0023 mm. While hand mensuration should not be overlooked, it cannot approach the accuracy attainable with advanced computer technology. Computer aided digitizing

mensuration analysis provides biomechanical analyses with a high degree of accuracy in order to make a chiropractic differential diagnosis and/or to determine care protocols. Mensuration also provides a definitive baseline for follow-up radiological examinations as an assessment of outcome.