Academy of Chiropractic
CMCS Management, Inc.

Spinal Trauma Pathology
9 CE Hours

Instructors:

Mark Studin DC, FPSC, FASBE(C), DAAPM

Module 1: Diagnostic Dilemmas and Connective Tissue (Ligament-Disc-Muscle) Morphology - 1.25 Hours 56 Minute Webinar, pre-test, post-test

Module 2: Ligament Anatomy and Injury Research and Spinal Kinematics - 1.75 Hours 85-minute Webinar, pre-test, post-test

Module 3: Spinal Biomechanics, Central Nervous System Response and Disc Nomenclature and - 1 Hour 45-minute Webinar, pre-test, post-test

Module 4: Biomechanics of Traumatic Disc Bulge and Age Dating Herniated Disc Pathology - 1 Hour 48-minute Webinar, pre-test, post-test

Module 5: Clinical Grand Rounds - 1.15 Hours 50-minute Webinar, pre-test, post-test

Module 6: Documents-Research Reviews - 2 Hours 120 Minutes, 90 pages + 2 Research Articles, Pre-test, Post-test

Final Exam: 45 Minutes

TOTAL EDUCATION TIME: 9 Hours

Course Objective: This course is engineered to understand the full extent of the connective tissue injury-repair mechanisms inclusive of ligaments, muscles (strain/sprain), tendons and spinal discs. It covers both the microscopic and gross anatomy in tissue morphology and tissue repair morphology with evidenced based explanations. The course also goes into detail of how trauma creates permanent pathology from a spinal biomechanical engineering standpoint. Furthermore, the program combines the spinal biomechanical engineering principles (physics) with physiology (evidenced verified) to be able to age-date pathology while concurrently introducing new disc nomenclature using the same principles.