

HISTOLOGICAL ASSESSMENT OF PROGRESSIVE FACET JOINT OSTEOARTHRITIS FOLLOWING LUMBAR SPINAL HYPOMOBILITY

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The relationship between facet joint osteoarthritis and back pain is unclear, due in part to the inability of animal models to reflect the human condition of facet joint osteoarthritis induced pain. Utilizing an animal model of spinal hypomobility co-developed by the investigator (GC), we will use previously collected rat specimens to perform histological assessments and examine the relationship between duration of lumbar spine hypomobility and the severity of osteoarthritis that occurs in the facet joint.

Funding: Foundation of Chiropractic Education and Research