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Date of Report: 11/16/2020
Patient Name: xxxxxxx, xxx 10/23/1959
Referring Dr. / Clinic: ATLAS CHIROPRACTIC
Date of Study: 11/15/2020

Radiology Report

LUMBAR SPINE RADIOGRAPHS (72110): AP, lateral, right and left lateral flexion views are submitted.

VERTEBRAL NUMBERING: Five typical lumbar segments identified from the lowest rib-bearing vertebra.

ALIGNMENT:

AP View: Femoral head height is unequal, low on the left by approximately 7 mm. Tilt of the pelvis, low on the left by approximately 10 mm. Mild left anterior rotation of the pelvis. Translation T12 left midline by 10 mm with a mild left tilt of lumbar spine and lower thoracic spine. Mild levorotatory curvature of L1 through L5 with apex at L3 measuring 17°. Spinous processes have rotated to the right of midline at T12 through the L5 levels.

Lateral View: Increased lower lumbar lordosis with flattening of the upper lumbar lordosis with gravity line at T12 posterior to the sacral base by 7 cm. Lordotic curvature measures approximately 60° in the combined findings have resulted in a swayback appearance.

Stress Views: On left lateral flexion, global range of motion is very limited with very limited coupled lateral flexion and rotation throughout the lumbar spine, secondary to the levorotatory curvature. On right lateral flexion, mild intersegmental coupled motion throughout the lumbar spine with mild restriction of global range of motion.

FINDINGS:

BONE DENSITY: Mild osteopenia.

OSSEOUS STRUCTURES: Vertebral body height is preserved. Posterior arches are intact. No aggressive osteolytic or osteoblastic changes.

DISCOVERTEBRAL JOINTS: Advanced loss of disc at L4/L5 and L5/S1 with mild loss at L3/L4. Remaining disc spaces are preserved.

FACET JOINTS: Mild facet arthrosis L3/L4 and advanced arthrosis L4/L5 and L5/S1. Facet imbrication (rostro-caudal subluxation) at the L4/L5 and L5/S1 levels.

PELVIS: Sacroiliac joint spacing is preserved. Hips are only partially included but normal joint spacing. Normal contour of the femoral heads.

SOFT TISSUES: Visualized soft tissues of the abdomen and pelvis reveal no evidence of soft tissue mass.

IMPRESSIONS:

1. Spinal alignment/biomechanical findings.
2. Osteoporosis.
3. Disc degeneration/spondylosis: Advanced degeneration L4/L5 and L5/S1 and mild degeneration at L3/L4.
4. Facet arthrosis: Mild L3/L4 and advanced at L4/L5 and L5/S1. Facet imbrication (rostro-caudal subluxation) L4/L5 and L5/S1.
5. Foraminal distortion and narrowing of both L4/L5 and L5/S1 levels due to the combined factors.

Electronically signed by Edward J. Dailey, D.C., D.A.C.B.R on 11/16/2020 3:33 PM
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