## Professional Imaging Consultants, Inc.

Edward J. Dailey, D.C.

Diplomate, American Chiropractic Board of Radiology Telephone: 330-498-9445

P.O. Box 36952 Fax: 330-498-9447 Canton, OH 44735 Toll Free: 800-939-6900

**Date of Report:** 6/14/2021

Patient Name: xxxxx xxxxx 12/8/ 1971 Radiology Report

Referring Dr. / Clinic: JONES CHIROPRACTIC

**Date of Study:** 6/12/2021

CERVICAL SPINE RADIOGRAPHS (72040): AP, open-mouth and lateral views are submitted.

## AI IGNMENT

AP View: Tilt of the occiput, low on the left by approximately 5-6 mm. Translation of the head left of midline by approximately 4 mm with a slight left tilt cervical spine. Decreased left para odontoid spacing, without offset of the lateral masses. Spinous processes have rotated to the right of midline at C2 through the C6 levels.

Lateral View: Mild to moderate anterior translation of the head. Gravity line of C2 is located anterior to the C7 body by approximately 2.5 cm. Angular kyphotic curvature in the mid cervical spine spanning the C3/C4 through the C6/C7 levels with apex at C4/C5 measuring approximately 15°. Anterior subluxation of C4 upon C5 by 1-2 mm.

## FINDINGS:

BONE DENSITY: Bone density is within normal limits.

CRANIOVERTEBRAL JUNCTION: No significant developmental abnormality. ADI is within normal range. Dens is intact.

OSSEOUS STRUCTURES: Vertebral body height is maintained at the visualized levels. Posterior arches are intact. No acute fracture fracture or dislocation. No aggressive osteolytic or osteoblastic changes.

DISCOVERTEBRAL JOINTS: Moderate loss of disc height C4/C5 and C5/C6 and advanced loss at C6/C7. Mild anterior spondylosis all 3 levels with posterior spondylosis at C4/C5.

UNCOVERTEBRAL JOINTS: Mild bilateral arthrosis the C4/C5 and C5/C6 and moderate to advanced at C6/C7.

FACET JOINTS: Mild bilateral hypertrophic facet arthropathy at C3/C4 and C4/C5 and C5/C6 levels.

SOFT TISSUES: Normal thickness and density of the prevertebral soft tissues. Mild shallow tracheal deviation right of midline at the T1 level.

## **IMPRESSIONS:**

- 1. Spinal alignment/biomechanical findings.
- 2. Disc degeneration/spondylosis: Moderate disc degeneration C4/C5 and C5/C6 and advanced C6/C7. Posterior spondylosis C4/C5.
- 3. Uncovertebral arthrosis: Mild bilateral arthrosis C4/C5 and C5/C6 and moderate to advanced C6/C7.
- 4. Facet arthropathy: Mild bilateral arthropathy at C3/C4 through C5/C6 levels.
- 5. Mild tracheal deviation right of midline centered at the T1 level. Underlying thyroid enlargement/mass is favored. Correlate clinically and with laboratory follow-up. Sonography of the soft tissues of the neck would provide more detailed characterization.

<u>Electronically signed by Edward J. Dailey, D.C., D.A.C.B.R</u> on 6/14/2021 12:22 PM Radiologist Edward J. Dailey, D.C., Diplomate, American Chiropractic Board of Radiology