

# Professional Imaging Consultants, Inc.

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**Date of Report:** 1/22/2021  
**Patient Name:** xxxxxx xxxx 11/14/1965  
**Referring Dr. / Clinic:** JOHNSON CHIROPRACTIC  
**Date of Study:** 1/20/2021

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## Radiology Report

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

### ALIGNMENT:

AP View: Decreased left para odontoid spacing, without offset of the lateral masses. Translation the head right of midline by 10 mm. Mild to moderate left tilt of the cervical spine. Spinous processes have rotated to the right of midline at C2 through the C7 levels.

Lateral View: Moderate anterior translation of the head. Gravity line of C2 is located anterior to the C7 body by approximately 3 cm. Lordotic curvature reduced to 13° with degenerative anterior subluxation of C3 by 2 mm and C4 by 1 mm.

Stress views: On the flexion view, degenerative anterior subluxation C4 increases by 1 mm. Global range of motion is moderately restricted with moderate restriction of intersegmental motion at the C4/C5 through the C6/C7 levels. On the extension view, the anterior subluxations at both C3 and C4 reduced to normal anatomic alignment. Findings compatible with translational hypermobility due to ligamentous/capsular laxity.

### FINDINGS:

BONE DENSITY: Normal bone density.

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: Advanced loss of disc height C4/C5 and C5/C6 and mild loss at C6/C7. Mild anterior spondylosis at all 3 levels.

UNCOVERTEBRAL JOINTS: Advanced bilateral uncovertebral arthrosis C4/C5 and C5/C6 and mild at C6/C7.

FACET JOINTS: Moderate to advanced facet arthrosis C3/C4 level greater on the left. Mild to moderate facet arthrosis C2/C3 and C4/C5 levels.

SOFT TISSUES: Visualized prevertebral soft tissues are normal in thickness and radiodensity. Tracheal air shadow is midline. Mild calcific plaquing in the region of the carotid vasculature bilaterally at the C3/C4 level.

### IMPRESSIONS:

1. Spinal alignment/biomechanical findings. Translational hypermobility is noted at the C3 and C4 levels detailed above.
2. Disc degeneration: Advanced C4/C5 and C5/C6. Mild at C6/C7.
3. Uncovertebral arthrosis: Advanced bilateral arthrosis C4/C5 and C5/C6 with mild bilateral arthrosis C6/C7.
4. Facet arthrosis: Moderate to advanced C3/C4 greater on the left. Mild to moderate facet arthrosis C2/C3 and C4/C5 levels.
5. No fracture or aggressive osseous changes.

Electronically signed by Edward J. Dailey, D.C., D.A.C.B.R on 1/22/2021 8:23 AM  
Radiologist Edward J. Dailey, D.C., Diplomate, American Chiropractic Board of Radiology