

National Orthopedic Imaging Associates

PO Box 6102
Novato, CA 94948
(800)595-7173

Patient Name: Shah, Bhargav K
Date of Birth: 05/01/1956
Account/ID: 23-6064634
Study Date: 04/18/2022
Referral By: Kamran Aflatoon, D.O.

PROCEDURE: MR Cervical (MRI SPINE CERV W/O CO)

HISTORY:

Neck pain with C4/C5 radiculopathy. Evaluate for neural element impingement or stenosis.

TECHNIQUE:

T1 and T2-weighted spin-echo as well as fat suppressed inversion recovery sagittal images of the cervical spine were obtained. Additional T2-weighted spin-echo and gradient echo axial images were then obtained.

No prior studies are available for comparison.

FINDINGS:

No fractures are identified. There is straightening of the normal cervical lordosis. The cervical cord is of normal signal intensity and morphology. The craniovertebral junction is unremarkable. The C1-C2 articulation is maintained.

C2-C3: There is disc desiccation. There is no appreciable facet arthropathy. There is no evidence of disc herniation, neural element compression, or stenosis.

C3-C4: There is slight narrowing of the disc space with disc desiccation slight annular bulging. There is mild uncinat remodeling. There is mild facet arthropathy. There is mild foraminal stenosis with the central canal noted to be at the lower limits of normal in size.

C4-C5: There is evidence of disc degeneration with disc space narrowing, disc desiccation, and diffuse annular bulging. Mild disc osteophyte complex is present this extends greater to the right. Mild facet arthropathy is present. Findings contribute to moderate right and mild left foraminal stenosis. The central canal is mildly stenotic.

C5-C6: There is evidence of disc degeneration with disc space narrowing, disc desiccation, and diffuse annular bulging. There is mild uncinat remodeling. There is mild facet arthropathy. Findings contribute to mild central canal and bilateral foraminal stenosis.

C6-C7: There is evidence of disc degeneration with disc space narrowing, disc desiccation, and diffuse annular bulging. Uncinac remodeling is present, slightly worse to the right with findings compatible with mild broad-based posterior disc osteophyte complex. There is mild facet arthropathy. There is mild central canal stenosis with mild-to-moderate right and mild left foraminal narrowing.

Continued:

C7-T1 : There is moderate left and mild to moderate right-sided facet arthropathy. Mild (1.5 mm) anterolisthesis at this level is noted. There is disc desiccation with annular bulging and a small 2.5 mm central herniation. Findings resultant effacement of the thecal sac with slight caudal migration of disc material noted. There is mild central canal stenosis. Neural foramina within normal limits.

IMPRESSION:

1. Annular bulging with uncinata remodeling at the C3-C4 level. There is mild foraminal stenosis.
2. Mild disc osteophyte complex extending greater the right at the C4-C5 level. There is mild facet arthropathy. There is moderate right and mild left foraminal stenosis. Mild central canal stenosis at this levels present.
3. Annular bulging with uncinata remodeling at the C5-C6 level. There is mild facet arthropathy. There is mild central canal and bilateral foraminal stenosis.
4. Annular bulging at the C6-C7 level with mild broad-based posterior disc osteophyte complex. There is mild facet arthropathy. There is mild-to-moderate right and mild left foraminal stenosis. The central canal this level is mildly stenotic.
5. Facet arthropathy worse to the left at the C7-T1 level with mild anterolisthesis and annular bulging. A small localized central herniation is present with slight caudal migration of disc material. There is mild central canal stenosis at this level.
6. Mild straightening of the normal cervical lordosis.

Interpreted By: Damon Sacco, M.D.

Electronically Signed By: Damon Sacco, M.D.

Electronically Signed On: 2022-04-19 12:29 -07:00 [ID:1733413][IL:94904-2009]