AMI
American Medical Initiatives

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PATIENT:	JOHNSON, JAMIE	**EXAM DATE:**	05/30/2022 5:23 PM
STUDY DESCRIPTION:	MRI CERVICAL SPINE WITHOUT CONTRAST	**MRN:**	JOHJ69107
DOB:	01/04/1986	**REFERRING PHYSICIAN:**	Qureshi, Adnan
CLINICAL HISTORY	C/O NECK PAIN LIEN	**GENDER**	F

TECHNIQUE: Multiplanar, and multisequential MRI examination obtained.

COMPARISON: None.

FINDINGS:

ALIGNMENT/ANATOMY: There is a straightening of cervical lordosis.

BONE/MARROW: Vertebral bodies are of normal height. The marrow signal has an overall benign appearance.

CRANIOCERVICAL JUNCTION/CORD: The cervicomedullary junction appears unremarkable. There is no Chiari malformation or abnormality within the visualized brainstem. The cervical cord is normal in caliber and signal.

DISCS: There is a loss of disc T2 signal at multiple levels compatible with disc dessication. No significant osteophyte formation is noted.

SOFT TISSUES: Unremarkable.

LEVELS:
C2-3: There is no evidence of disc bulge, herniation, or spinal stenosis. Neural foramina are patent. There is no nerve root compression.

C3-4: There is no evidence of disc bulge, herniation, or spinal stenosis. Neural foramina are patent. There is no nerve root compression.

C4-5: Broad-based central disc herniation is present. This results in compression and impingement of the ventral CSF space (axial T2 image 10, sagittal T1 and T2 image 6). AP diameter of disc protrusion measure 1.6 mm. Transverse dimension of protruded portion of disc measures 10.8 mm. AP diameter of canal measures 10.8 mm. Neural foramina normal.

C5-6: Broad-based central disc herniation is present. This results in compression and impingement of the ventral CSF space (axial T2 image 14, sagittal T1 and T2 image 7). AP diameter of disc protrusion

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measure 2 mm. Transverse dimension of protruded portion of disc measures 11.5 mm. AP diameter of canal measures 11 mm. Neural foramina normal

C6-7: Broad-based central disc herniation is present. This results in compression and impingement of the ventral CSF space (axial T2 image 18, sagittal T1 and T2 image 7). AP diameter of disc protrusion measure 2.4 mm. Transverse dimension of protruded portion of disc measures 11.2 mm. AP diameter of canal measures 10.2 mm. Narrowing of neural foramina bilaterally (axial T2 image 18).

C7-T1: There is no evidence of disc bulge, herniation, or spinal stenosis. Neural foramina are patent. There is no nerve root compression.

IMPRESSION:
1. Straightening of cervical lordosis.
2. At C4-5, broad-based central disc herniation is present, resulting in compression and impingement of the ventral CSF space.
3. At C5-6, broad-based central disc herniation is present, resulting in compression and impingement of the ventral CSF space.
4. At C6-7, broad-based central disc herniation is present, resulting in compression and impingement of the ventral CSF space. Narrowing of neural foramina bilaterally.

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