

Study: Magnetic resonance imaging of the spine (one section)/thoracic section.

MRI machine: Philips Intera 1.5T.

Age: 62.

Sex: Female.

Race: Caucasian.

Brief anamnesis of the disease (complaints): Headache (for a long time, back of the head), dizziness (sometimes), numbness of the body and face (and shoulder blade, left arm), pain in the spine (for a long time, cervical region).

REPORT

On a series of MR tomograms weighted at T1 and T2 in two planes with fat suppression /T2-stir/:

The thoracic kyphosis is preserved.

Degenerative changes (dehydration) of C7-Th12 discs are noted, the height of Th7-Th12 discs is reduced.

The shape and size of the vertebral bodies are normal.

Anterior osteophytes of Th1-Th12 vertebrae.

Anterolateral osteophytes in the form of staples at the level of Th3-Th10, Th12-L1 segments.

Moderately pronounced diffuse and focal dystrophic changes in vertebral bodies at the level of visualization.

The bony spinal canal in the sagittal plane was not narrowed.

Dorsal disc extrusions:

median-paramedian left-sided extrusion of Th7-Th8 measuring 0.25 cm, the spinal canal at the level of disc prolapse is not narrowed; the lumen of the foraminal windows is not narrowed, without signs of spinal root compression;

median extrusion of Th9-Th10 measuring 0.2 cm, the spinal canal at the level of disc prolapse was not narrowed; the lumen of the foraminal windows was not narrowed, without signs of spinal root compression;

Dorsal disc protrusions:

median Th6-Th7 protrusion measuring 0.2 cm, the spinal canal at the level of disc prolapse is not narrowed; the lumen of the foraminal windows is not narrowed, without signs of spinal root compression;

Dorsal bulging of the Th9-Th10 disc up to 0.15 cm is visualized.

The thoracic spinal cord has a normal configuration, width and homogeneous structure.

There are signs of mild spondyloarthritis at the level of Th1-Th12 segments.

Pre- and paravertebral soft tissues are unchanged. The fatty tissue surrounding the dural sac is unchanged.

CONCLUSION

MR signs of degenerative-dystrophic changes in the thoracic spine. Extrusions of Th7-Th8, Th9-Th10 discs. Protrusions of Th6-Th7, Th9-Th10 discs. Spondyloarthrosis at the level of Th1-Th12 segments. Spondylosis at the level of Th3-Th10, Th12, L1 segments.

RECOMMENDATIONS

Consultation with a neurologist.

Year of study and report: 2023