

Study: Magnetic resonance imaging of the brain.

MRI machine: Philips Intera 1.5T.

Age: 53.

Sex: Female.

Race: Caucasian.

Brief anamnesis of the disease (complaints): Headache, dizziness, tinnitus (right), increased blood pressure (BP) (140), other (hearing was impaired on the right after vaccination against coronavirus about a year ago); headache, dizziness, increased blood pressure (BP) (140), other (hearing was impaired on the right after vaccination against coronavirus about a year ago).

REPORT

A series of T1-, T2-, and FLAIR-weighted MR tomograms in three planes visualized supra- and infratentorial structures.

The midline structures are not displaced.

The cortex and white matter of the brain are properly developed.

In the white matter of the left frontal and left parietal lobes (subcortically and paraventricularly) there are single foci of gliosis, 0.65x0.45 cm in size.

No diffusion restriction areas were detected in DWI mode.

Lateral ventricles are symmetrical, the sizes are within the age normometry, normal configuration, without periventricular infiltration. The 3rd ventricle is not dilated. The IVth ventricle is not dilated, not deformed.

Subarachnoid convexital spaces and sulci are not dilated. Lateral brain slits are symmetrical, not dilated.

Basal cisterns are not dilated, not deformed.

Chiasmal area is featureless, pituitary gland is not enlarged in size, pituitary tissue has normal signal. The chiasmal cistern is not changed. The pituitary funnel is not displaced. Parasellar structures without features.

Epiphysis is not enlarged in size, homogeneous structure.

The cerebellum is of normal shape, differentiation of gray and white matter is preserved, furrows are not dilated. The cerebellar tonsils are located at the level of the greater occipital foramen.

The craniovertebral junction is without pathology.

No additional masses in the area of the pontocerebellar angles were detected. The internal auditory canals are not dilated.

The structure of the orbits is not changed. The eyeballs are located symmetrically in the orbital cavity, have a spherical shape, homogeneous structure, normal size, the membranes are not changed. The optic nerves have clear, smooth contours and correct course, not thickened. The perineural space of optic nerves is not dilated.

Pneumatization of the facial sinuses is not disturbed.

CONCLUSION

MR picture of single supratentorial foci of gliosis (Fazekas I).

RECOMMENDATIONS

Consultation with a neurologist.

Year of study and report: 2023