

**Study:** Magnetic resonance imaging of the brain.

**MRI machine:** Philips Intera 1.5T.

**Age:** 29.

**Sex:** Male.

**Race:** Caucasian.

**Brief anamnesis of the disease (complaints):** Headache.

## **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.

No focal changes in the brain substance were detected. No diffusion restriction areas were detected in DWI mode.

Lateral ventricles are symmetrical, the size 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.

Chiasmatal area is featureless, pituitary gland is not enlarged in size, pituitary tissue has normal signal. The chiasmatal 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.

Craniovertebral junction - without peculiarities.

No additional formations in the area of the cerebellopontine corners were revealed. The internal auditory canals are not dilated.

The structure of the orbits is not changed. Eyeballs are located symmetrically in the orbital cavity, have a spherical shape, homogeneous structure, normal size, 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 facial sinuses is not disturbed.

## **CONCLUSION**

No MR evidence for the presence of focal changes in the brain substance was found.

## **RECOMMENDATIONS**

Consultation with a neurologist

Year of study and report: 2023