

MR Brain W Gadolinium

Status: Final result

PACS Images & Report

(Link Unavailable) Show images for MR Brain W Gadolinium

Study Result

Narrative & Impression

Exam Name

MR Brain with Gadolinium; MR Brain without Gadolinium

Clinical Indication

brain tumor

Clinical Indication

R/O hydrocephalus .Patient with gait impairment

Technique

Axial T1, T2, T2*, diffusion with reconstructed ADC map; 3-D sagittal T1 and FLAIR images of the brain were obtained.

Findings

There is 2.2 x 1.7 X 1.8 cm well defined solid enhancing tumour in the pineal region showing high FLAIR signal. There is surrounding edema in the medial aspect of both thalami. It is causing mass effect on the quadrigeminal plate and cerebral aqueduct. There is secondary supratentorial hydrocephalous with CSF seepage. There are multiple foci of high FLAIR signal scattered in the white matter, mainly in the left centrum semi-ovale, nonspecific.

No other focus of enhancement is seen.

There are normal flow voids in the intracranial circulation.

The cerebellopontine angles, IAC, cisternal portion of the accoustico-facial nerves are unremarkable.

The visualized portions of the paranasal sinuses and mastoid air cells are clear.

The orbits are unremarkable.

Impression

Solid enhancing pineal gland tumour. The differential diagnosis includes pineal parenchymal tumor versus germ cell tumour. To correlate with tissue diagnosis.

It is causing obstruction of the cerebral aqueduct with supratentorial hydrocephalous and CSF seepage.

Other findings

Is there a critical or an unexpected finding?

Yes

The Critical /Unexpected finding pineal gland tumour was reported to Dr. Hassan Doumiati by Dr. R Houtrany on 28 October 2024 at 1:40 PM with readback

Is there a critical or an unexpected finding?

No

Result History

MR Brain W Gadolinium (Order #31328411) on 29/10/2024 - Order Result History Report

Signed by

Signed

Roula Georges Hourani-Rizk, MD

Date/Time

29/10/2024 13:10

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498