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DEPARTMENT OF RADIOLOGY & IMAGING

ID. No.	25/6034	Age	72Y	Sex	F
Patient Name	MRS. SALEHA KHATUN				
Order Date	27/07/2024	Report Date	27/07/2024		
Referred by	PROF. DR. TOFAEL HOSSAIN BHUIYAMS, Neuro Surgery				

MRI of brain – With Contrast.

MRI Protocol: Axial: SE T1, FSE T2 & FLAIR, DWI. Sagittal: SE T1. Coronal: FSE T2.

Clinical Information: Headache, weakness, slurring.

Findings:

- Cerebral cortex show normal development and signal intensity. No focal or diffuse lesion is seen.
- On T2WI and FLAIR images hyperintense foci are noted in both basal ganglia & deep white matter of both cerebral hemispheres, suggesting microvascular chronic ischemic changes in these locations.
- Pituitary fossa is partially filled with CSF.
- Parasellar areas, corpus callosum, optic chiasma and cerebellum appear normal in signal characteristics and morphology.
- Midline structures are not shifted.
- Ventricles(3rd and laterals) are dilated.
- Temporal horns and basal cistern are prominent.
- Extra-ventricular CSF spaces appear slightly prominent.
- Frontal horns are ballooned and callosal angle is >40 degree.
- Bilateral minimal peri-ventricular lucency noted, likely following CSF seepage / white matter ischaemic changes.
- Both CP angles are clear. Normal basal flow voids are seen. Visualized cranial nerves appear normal.
- Orbits and PNS are unremarkable.
- Bilateral mild HIT with mild DNS to left.
- After contrast, no abnormal enhancement noted.

Impression:

Features suggest a case of normal pressure hydrocephalus (NPH).

Microvascular chronic ischemic changes in basal ganglia & deep white matter of both cerebral hemispheres,

Bilateral minimal periventricular white matter ischaemic changes with periventricular CSF seepage..

Mild DNS to left with bilateral mild HIT.

Reported by Electronic Signature

Dr. Md. Anwar Pasha

MBBS (CMC), BCS (H)

MD (Radiology & Imaging)

Radiologist & Imaging Specialist

Dept. of Radiology & Imaging, NITOR

Sher-e-Bangla Nagar, Dhaka

BMDC A-45749

House 69, Road 1, Dhap, Jail Road, Rangpur, Tel : 0521-56278-9, 56280-1, Mobile : 01766663099, E-mail : info@labaidgroup.com, Web : www.labaidgroup.com

Checked by Medical Technologist