



IBN SINA DIAGNOSTIC & IMAGING CENTER

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ID. No	: D285415	Received date	: 23 Oct 2023	Printed date:	23 Oct 2023 11:41PM
Patient Name	: SURAIYA	Age	: 13 y(s)	Sex	: Female
Exam	: MRI BRAIN				
Ref. By	: BSMMUH.				

Thank you for the courtesy of this kind referral.

Technique: Multiple imaging sequences were realized in different planes.

Clinical information: H/O- Diagnosis- Wilson's disease.

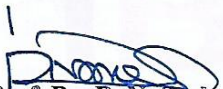
Findings:

- Symmetrical T1WI hypo and T2W & FLAIR hyperintensity lesions are noted in the both basal ganglia (both head of caudate nuclei and lentiform nuclei).
- Cerebrum and cerebellum show normal cortical sulcations.
- Ventricles are of normal size and symmetrical with normal CSF flow.
- Extra-ventricular CSF spaces are widened with temporo-parietal predominance.
- Pituitary, parasellar areas and optic chiasma appear normal in signal characteristics and morphology.
- Midline structures are not shifted.
- No pituitary and para sellar lesion is seen.
- The internal capsule, corpus callosum and thalami appear normal.
- The posterior fossa, brain stem and CP angles are normal.
- Normal basal flow voids are seen.
- Visualized cranial nerves appear normal.
- Visible paranasal sinuses appear normal.
- Both inferior turbinates are hypertrophied.

Impression:

- MRI features suggestive of Degenerative Brain Disease (DBD) involving mainly gray matter (basal ganglia), more in favor of Wilson disease.
DDx: Others.

Recommendation: Clinico-biochemical correlation.


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