Technique

Sagittal T1 weighted images were followed by axial proton density, T1, FLAIR, T2, diffusion weighted and gradient echo images. Coronal FLAIR and SPGR 3D images were obtained.

Findings

No abnormality is seen at craniocervical junction. Midline structures including sella turcica and pineal are normal. On T1 weighted images, increase signal intensity is noted within the globus pallidi bilaterally. This may represent a pattern of mineralization. Other entities which could cause this include hyperalimentation, iron metabolism abnormalities to include a few. It is probably insignificant in this particular patient.

A small region of hypointensity is noted to the right of fourth ventricle on T2 weighted image no. 5. This cannot be seen on other images including proton density or gradient echo images and is likely artifactual. The FLAIR and T2 weighted images show no intracranial collection, mass lesion, deformity of ventricular system or shift of midline structures. Ventricular system and subarachnoid spaces are within normal limits. No foci of abnormal signal intensity are seen within the brain parenchyma.

Vascular flow voids are maintained. Paranasal sinuses are essentially clear.

Impression

No definite radiographic abnormality is seen. Please see above for a discussion of the appearance of basal ganglia.

AAZ: 12/21/08
emp: 12/21/08 Amir A. Zamani, M.D. 6:20 pm DATED:

R/o Wilsons

- Calcium
- Parathyroid
- Cu, ceruloplasm, 24° urine, SPEP, UPEP, ~~LFTs~~, ~~PHOS~~
- ? Manganese?

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