Name : ISHAN KRISHNA **Age : 7** **Sex : Female**

Referred By : DR SHYMA M M, DCH, MD, DM Neurology **MRN : 348457**

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PLAIN MRI STUDY OF BRAIN

Plain MRI study of the brain was done using 1.5 Tesla Philips Achieva scanner.

Findings:

- Bilateral, symmetrical paraventricular gliosis, uneven external outlines of the lateral ventricles, thinning of the white matter layer.
- The left lateral ventricles appears prominent incomparison to the right with bilateral periventricular long TR hyperintensities
- Rest of the cerebral hemispheres are normal in signal intensity. No focal lesion seen.
- DWI / corresponding ADC show no signal abnormalities.
- No e/o intra extra axial collection / lesion.
- No evidence of mid line shift.
- Bilateral basal ganglia, caudate nucleus and thalamus show normal signal intensity.
- Normal sulcal and gyral pattern.
- The corpus callosum shows significant thinning in its entire length. The genu and splenium of corpus callosum are visualised.
- Sella grossly normal except for mild hypoplasia.
- Brain stem and cerebellum are normal in signal intensity.

IMPRESSION:

- **Above described features are consistent with hypoxic ischemic encephalopathy with gliotic changes apparent on the left. Hypoplasia of the corpus callosum.**
- **Rest of the brain parenchyma shows normal signals and morphology.**
- **DWI / corresponding ADC show no signal abnormalities s/o restricted diffusion.**

Suggested clinical correlation.

Dr Sameer Hyder Ali MBBS, MD

Please note that the above is not the final diagnosis but a professional opinion based on imaging findings. Kindly correlate with clinically.

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