

Clinical Image

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Connatal cyst in a 20 year old girl

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Description

Connatal cyst also known as frontal horn cysts, are cystic areas adjacent to the superolateral margins of the body and frontal horns of the lateral ventricles and are believed to represent a normal variant [1]. The other name is coarctation of the lateral ventricles or frontal horn cysts. Sometimes unilateral or bilateral, the incidence of this condition is between 0, 4 and 0, 9% [2]. Periventricular cysts are a common finding in neonatal cranial imaging. They are noted usually in antenatal period and typically disappear over the first year of the life [3]. The etiology has been debated varying from being a normal variant, to secondary to a viral infection, chromosomal anomaly, post-ischemic or hemorrhagic event [1,4]. They have been shown to regress on follow-up imaging when demonstrates in children under 2 months of age [3]. Our case demonstrates an exceptional situation of a persistent of the cyst in a 20-year-old -girl.

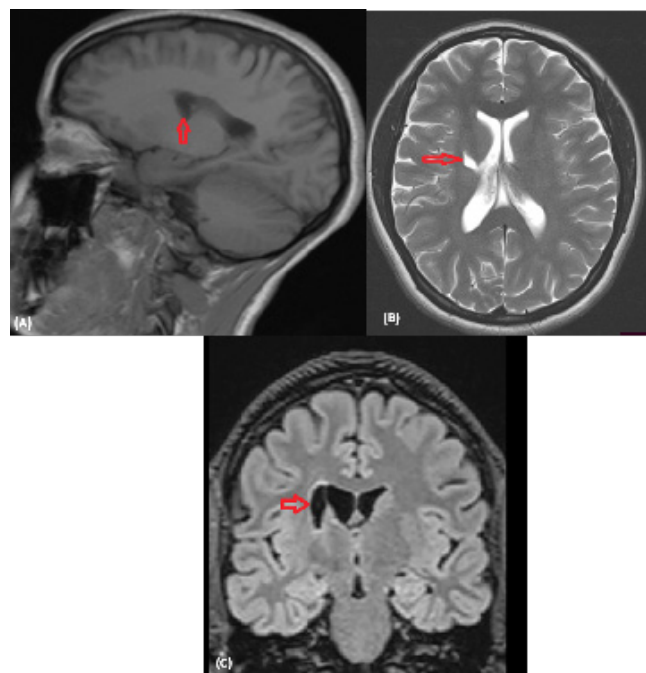


Figure 1A: (A) Connatal cyst in right frontal horn location in T1-Weighted sagittal MRI: Hypointensity T1 like the cerebrospinal liquid. (B,C): Connatal cyst in right frontal horn location in T2 and Flair -Weighted MR images: Hyperintensity on T2 -Weighted and suppression of the signal in Flair-Weighted.

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