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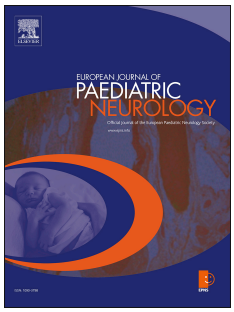

Parietal and occipital encephalocele in same child: a rarest variety of double encephalocele

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Title: Parietal and occipital encephalocele in same child: a rarest variety of double encephalocele.

Abstract:

An encephalocele is a protrusion of the brain and/or meninges through a defect in the skull. Based on the location of the skull defect they are classified into sincipital, basal, occipital or parietal varieties. Occurrence of more than one Encephalocele in a patient is very rare and very few cases of double encephalocele are reported. We report an interesting case where a parietal and an occipital encephalocele were present together. The patient was a 2 months boy who was brought to us with complaints of two swelling on the scalp since birth. Neuroimaging studies confirmed it to be a case of double encephalocele. The rarity of the findings prompted us to report this case. The presentation and management of the case along with and review of the relevant literature is presented.

Introduction:

An Encephalocele is a serious congenital anomaly characterized by herniation of brain and meninges beyond the normal confines of the skull through a defect along the mid line of the cranial vault or at the base of skull.[1]

Encephaloceles occur rarely, at a rate of 0.8–5 per 10,000 live births worldwide.[2]

We present an infant, who had two encephaloceles arising from two different bone defects. The superior encephalocele was arising from a defect in between the two parietal bones whereas inferior encephalocele was through a defect in the occipital bone. To the best of our knowledge, this is the first case where double encephalocele were arising from defect in two different skull bones.