

### Khalid Omer Ahmed Ibrahim

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#### **Current Position:**

- Senior Consultant / Head of Paediatric Neurology Division; Hamad Medical Corporation (HMC), Qatar.
- Assistant Professor of Paediatrics, Weill Cornell Medical College, Qatar
- Trained in Paediatric Neurology in the UK.
- Worked as Consultant Paediatric Neurologist in Edinburgh and London (UK) before joining HMC.

#### **Qualifications:**

- MBBS, Faculty of Medicine, University of Gezira, Sudan.
- Clinical MD (Paediatrics and Child Health [University of Khartoum]),
- CCST: Certificate of Completion of Higher Specialist Training (UK).
- FRCP: Fellow of the Royal College of Physicians of Edinburgh, (UK 2010).
- FRCPCH: Fellow of the Royal College of Paediatrics and Child Health, (UK 2006).

Member of the British Paediatric Neurology Association.

#### **Practice License:**

- General Medical Council (UK).
- Supreme Council of Health, Qatar.
- Sudan Medical Council.

Clinical Interest: Acute Neurology; Complex Epilepsy and Movement Disorders.

#### **Publications (selected):**

- 1. Elsaid MF, Kamel H, Chalhoub N, Aziz NA, Ibrahim K, Ben-Omran T, George B, Al-Dous E, Mohamoud Y, Malek JA, Ross ME, Aleem AA (2014) Whole genome sequencing identifies a novel occludin mutation in microcephaly with band-like calcification and polymicrogyria that extends the phenotypic spectrum. Am J Med Genet A 164A:1614-
- 2. Haberle J, Shahbeck N, Ibrahim K, Schmitt B, Scheer I, O'Gorman R, Chaudhry FA, Ben-Omran T. Glutamine supplementation in a child with inherited GS deficiency improves the clinical status and partially corrects the peripheral and central amino acid imbalance. Orphanet J Rare Dis 2012; 7:48.
- Ibrahim K, Russell G, Cahill D, Ahmed M. Chvostek's sign in childhood headache. Journal of Pediatric Neurology. 2011; 9(1):23-7.
- 4. Haberle J, Shahbeck N, Ibrahim K, Hoffmann GF, Ben-Omran T. Natural course of glutamine synthetase deficiency in a 3 year old patient. Molecular Genetics and Metabolism. 2011 May; 103(1):89-91.
- Drew B, Ibrahim K, Reddy MA. Herpes zoster ophthalmicus complicated by incomplete ophthalmoplegia and a neurotrophic ulcer. Eye (Lond). 2009 Aug; 23(8):1752-3.
- Diagnosis and management of epilepsies in children and young people. Edinburgh, UK: 57 p. Scottish Intercollegiate Guidelines Network; 2005 Mar. Report No.: 81.
- 7. Ibrahim K, Appleton R. Seizures as the presenting symptom of brain tumours in children. Seizure. 2004 Mar; 13(2):108-12.

**Research Involvement:** Principal Investigator in 4 major projects



# **Abstract**

# Seizures in special groups

## Khalid O. Ibrahim

The incidence of learning difficulties in children is about 0.3-0.8% and 20-30% of them may have epilepsy. Children with epilepsy have higher incidence of learning difficulties (35%). There is an increased incidence of epilepsy in cerebral palsy (CP). Diagnosing seizures and describing their semiology can be quite challenging in children with learning disabilities and CP. There are many seizure mimics which can be observed in such group of children, making diagnosis even more difficult. A review of the topic including presentation, acute management including approach to investigation, selection of medication and identification of triggers will be discussed in this talk.

#### How to cite this:

Ibrahim K. Seizures in special groups (Abstract). Sudan J Paediatr 2015; 15(1):100 - 101.