Abstract 02

Cysticercal Encephalitis

Department of Pediatrics, Seth G.S.M.C & K.E.M Hospital, Mumbai.

Keywords: Neurocysticercosis, Encephalitis, starry sky appearance

Abstract:

Introduction: Neurocysticercosis is a major cause of epilepsy and neurological disease in many developing countries. Clinical manifestations of neurocysticercosis are variable, related to the topography, number and stage of parasites, and the intensity of the immuno-inflammatory response. Cysticercus encephalitis is a rare presentation of neurocysticercosis associated with significant morbidity and refractory seizures. We hereby present a case of 10 years old male child who presented to us with fever, convulsions & altered sensorium.

Case summary: 10 years old male child hailing from Uttar Pradesh presented to us with complaints of fever, convulsions and altered sensorium for 3 months. Convulsions were generalized tonic clonic and were increasing in frequency. Altered sensorium was in the form of not recognizing parents and not responding to oral commands. Examination revealed spasticity and neck rigidity with no focal deficits. MRI brain and spectroscopy was suggestive of starry sky appearance studded with cysticercae. Work up for TB and HIV was negative. Cerebrospinal fluid analysis (Culture and TB MGIT) was within normal limits. Immunodeficiency work up – lymphocyte subset assay, nitroblue tetrazolium test and immunoglobulin levels within normal limits. Child was treated with steroids, albendazole and anticonvulsants. Fever subsided, convulsions were controlled and sensorium gradually improved.