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Case series of rare cases of bilateral open lip Schizencephaly presenting with Status Epilepticus

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Schizencephaly is a rare congenital disorder of cerebral cortical development characterized by cerebrospinal fluid-filled clefts that extend from the pia surface of the cerebral hemisphere to the ependymal surface of the ventricle. It is a neuronal migration anomaly, caused by insults to migrating neuroblasts during 3rd to 5th gestational months. Incidence worldwide is around 1.5 in 1,000,000 with 25.6 % under bilateral open lip type.

My case is a 2 year old male child born to a 21 year old G1P0 mother with uneventful maternal history via normal vaginal delivery in a lying-in clinic. Now presented with status epilepticus, fever and signs of pneumonia, severely underweight and wasted with developmental delay. Non enhanced cranial CT scan reveals bilateral open lip Schizencephaly with absent septum pellucidum.

Next case is a 17 month old male with blurred vision, developmental delay and presented with status epilepticus. Cranial MR reveals Bilateral open lip Schizencephaly with absent septum pellucidum and atrophic bilateral optic nerves representing Septo-optic dysplasia. Both cases are managed under antiseizure medications. There is a big question to the present world on preventing and managing such cases. Can we make them live their lifespan? Can they be taken as source of organ donation? Research subjects?

Speaker Biography

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