




Neuroendoscopy surgery for ventriculitis and hydrocephalus

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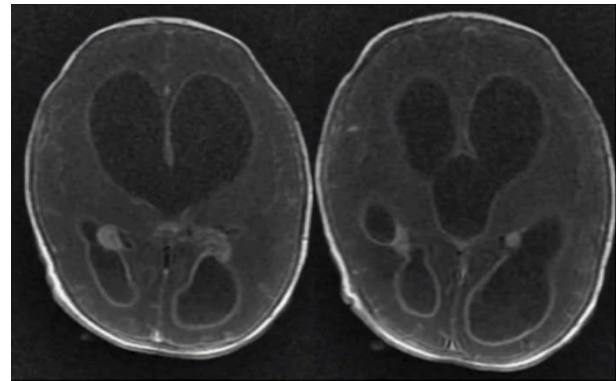
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Neuroendoscopy surgery is a minimally invasive surgical procedure that uses an endoscope to access and treat conditions within the brain. We are describing the case of a 2-month-old patient who was born extremely premature and developed complications from prematurity-related intraventricular hemorrhage. The mother had a preterm delivery due to chorioamnionitis, and the child developed neonatal sepsis and ventriculitis after birth. The child was treated conservatively from birth, without an effective response to treatment. A cranial MRI showed tetraventricular hydrocephalus and several intraventricular collections. Cerebrospinal fluid analysis revealed increased cellularity with a predominance of polymorphonuclear cells, protein elevation, and glucose consumption. An exhaustive ventricular lavage, drainage of the intraventricular collections, septostomy, and third ventriculostomy were performed. The patient showed clinical and infectious improvement..

Keywords: Neuroendoscopy surgery, ventriculitis, hydrocephalus

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Video LINK Here:

<https://youtu.be/DTM-WEjpl4M>