

Rare complication of chronic sinusitis in paediatric patient

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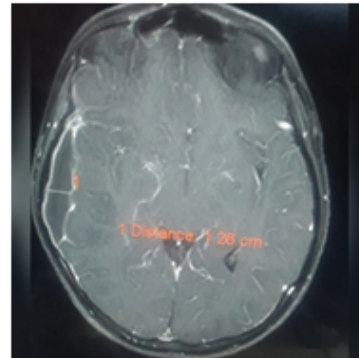
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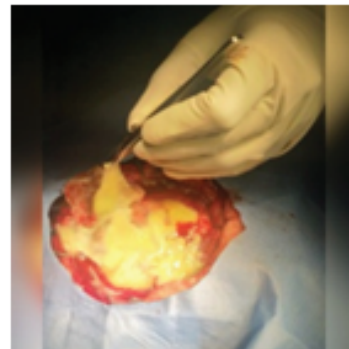
11 year old boy with history of sinusitis on regular treatment, developed headache and altered sensorium for 1 day. MRI brain contrast showed Extensive sphenoid sinusitis with Right temporo parietal contrast enhancing subdural collection with thick capsule(Subdural Empyema).

Patient underwent emergency craniotomy and evacuation of subdural pus with thick capsule. Patient also underwent endoscopic clearance of sphenoid infection. Patient treated with parental antibiotics for 6 weeks and completely cleared of infection.

Subdural empyema is a life threatening and very rare complication of sinusitis. Mortality rate is 95 percent with subdural empyema if not treated promptly.



MRI contrast showing Subdural empyema in right temporo parietal region



Intra operative image showing thick capsule and pus subdurally.