

Abstract

Fungal sinusitis is not a rare condition. It is usually diagnosed in immunocompromised patients. But invasive fungal sinusitis with cranial nerve palsies in immunocompetent patient is a rare clinical presentation. Invasive chronic fungal sinusitis carries high mortality if it is not diagnosed and treated promptly. Invasive Sphenoid fungal sinusitis can manifest as cranial nerve palsies because of its proximity to abducens, oculomotor and optic nerve. The abducens nerve is the most commonly affected nerve. Here we present a case of 64-year-old male patient with chronic headache accompanying left sided abducens nerve and right sided oculomotor nerve palsies, found to have chronic invasive fungal sinusitis in the left sphenoid sinus. He was successfully treated with combined anti-fungal treatment together with Trans-septal Endoscopic Sphenoidotomy.