Clival Chordoma In Paediatric Patients

Donald Liew[1], Tang Ing Ping[2], Albert Wong[1]

Sarawak General Hospital, Kuching, Malaysia
1- Department of Neurosurgery
2- Department of Ortholaryngology

Clival Chordoma in Paediatric Patients

Clival chordoma is a rare tumour especially in patients in the paediatric age group. Management of the patients is usually challenging due to the involvement of different surgical compartments, and also high risks of recurrence from subtotal excision or just biopsy. The location and extent of the tumor makes gross total excision very difficult, and high risks of morbidity and mortality. Endoscopic excision in those patients offer an alternative approach with reasonable outcome. Adjuvant radiotherapy following the excision of the tumour often follows the excision of tumour. However, the morbidity associated with high dose radiation on the pituitary axis, and the surrounding structures, carry high morbidity. We will discuss our experience in treating our patients with endoscopic endonasal excision of chordoma.