

Giant tumor in an infant: How I do it

Rodrigo Inácio Pongeluppi¹, Matheus Ballester², Ricardo Santos de Oliveira¹

¹ Division of Neurosurgery, University Hospital, Medical School of Ribeirão Preto, University of São Paulo, Ribeirão Preto, São Paulo, Brazil

² Medicine Department, Federal University of São Carlos, São Carlos, São Paulo, Brazil

✉ Rodrigo Inácio Pongeluppi, MD, PhD

e-mail: rodrigopongeluppi@gmail.com

Available at:

<http://www.archpedneurosurg.com.br/>

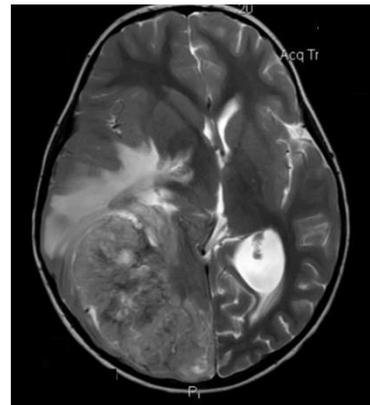
Giant tumors in infants present numerous surgical challenges. Even experienced surgeons may encounter difficulties in achieving total resection, controlling intraoperative bleeding, and preventing postoperative complications in these cases.

In this clinical video, we present the case of a 9-year-old boy who arrived at the emergency room with progressive headache and papilledema. Imaging revealed a giant hemispheric brain tumor. The video highlights the key surgical steps involved in its resection.

This case demonstrates the surgical approach to removing a large hemispheric tumor in a pediatric patient, emphasizing technique, strategy, and intraoperative decision-making.

Keywords: hydrocephalus, myelomeningocele, In-Utero, fetal

1. Al-Mefty O, Hassounah M, Weaver P, Sakati N, Jinkins JR, Fox JL. Microsurgery for giant craniopharyngiomas in children. *Neurosurgery*. 1985;17(4):585–95.
2. Duffner PK, Horowitz ME, Krischer JP, Burger PC, Cohen ME, Sanford RA, et al. The treatment of malignant brain tumors in infants and very young children: an update of the Pediatric Oncology Group experience. *Neuro Oncol*. 1999;1(2):152–61.
3. Hebb AO, Yang T, Silbergeld DL. The sub-pial resection technique for intrinsic tumor surgery. *Surg Neurol Int*. 2011;2:180–6.



Video LINK Here:

<https://youtu.be/riaLKlgahbU>