

Beijing Tiantan Hospital Pediatric Neurosurgery Department

PEDIATRIC NEUROSURGERY SUBDIVISION: One of only a few neurosurgical divisions for children in China. Annually, 600 to 700 operations are performed to resect all types of brain and spinal tumors in children. For cases of craniopharyngioma, gross total resection are achieved in many, and long-term favorable outcome in most. For medulloblastomas, the combination of chemotherapy and radiotherapy after surgery leads to 68% 5-year survival. Surgeries using the transcallosal-transforaminal approach have been performed for more than 500 patients with intra-third ventricle tumors (craniopharyngiomas, teratomas, and gliomas in the anterior, middle or posterior regions) with excellent tumor resection results and postoperative quality of life. The combination of radiotherapy and chemotherapy provides excellent tumor control in both short-term and long-term treatment of germinomas.

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