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Charles Elsberg

Greenwood

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Guidetti

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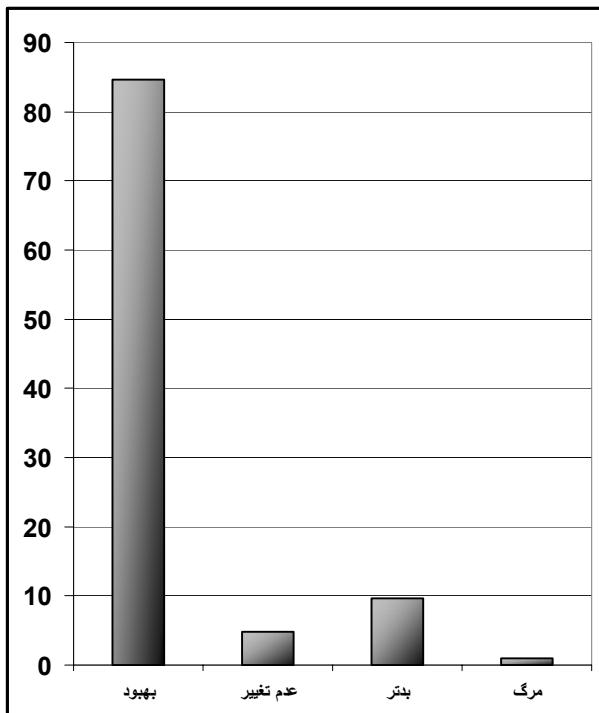
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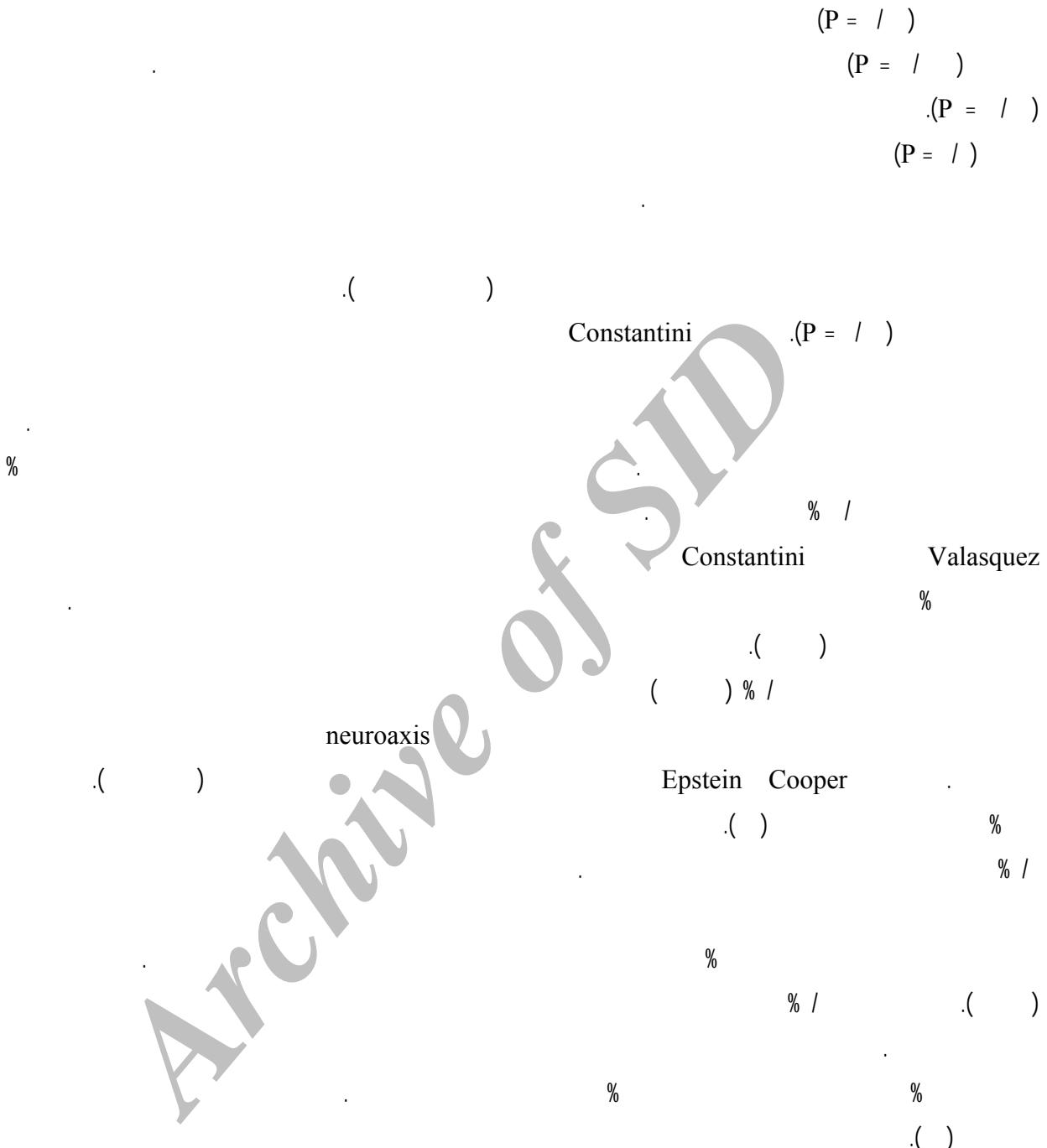
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Valesquez () Constantini () (%) (% /)
Epstein () (%) (% /)
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Tun (P = /) : () Kaptanoglu



REFERENCES

1. Sloof JL, Kernohan JW, MacCarthy CS. Primary intramedullary tumors of the spinal cord and filum terminale. Philadelphia: W. B. Saunders. 1964.
2. Nittner K. Spinal meningiomas, neurinomas and neurofibromas, and hourglass tumours. In: Vinken PH, Bruyn GW. Handbook of Clinical Neurology. Amsterdam: Elsevier North-Holland. 1976; P: 177-180.
3. Slin'ko EI, Al-Qashqish II. Intradural ventral and ventrolateral tumors of the spinal cord: surgical treatment and results. *Neurosurg Focus* 2004; 17(1): 216-23.
4. Turnbull F. Intramedullary tumors of the spinal cord. *Clin Neurosurg* 1982; 237-47.
5. Elsberg CA. Tumors of the spinal cord. New York: Paul B. Hoeber, 1925; P: 206-39.
6. Greenwood J. Surgical removal of intramedullary tumors. *J Neurosurg* 1967; 26: 276-82.
7. Guidetti BP. Intramedullary tumors of the spinal cord. *Acta Neurochir* 1967; 17: 322-9.
8. Horax`G, Henderson D. Encapsulated intramedullary tumor involving the whole spinal cord from medulla to conus: complete enucleation with recovery. *Surg Gynecol Obstet* 1939; 68: 814.
9. Epstein F, Epstein N. Surgical treatment of spinal cord astrocytomas of childhood: A series of 19 patients. *J Nuerosurg* 1992; 57: 355-9.
10. Epstein FJ, Ragheb J. Intramedullary tumors of the spinal cord. In: Cheek WR. Pediatric Neurosurgery: Surgery of the Developing Nervous System. 3rd.Philadelphia: WB Saunders , 1994; P: 446-57.
11. Brotchi J. Neurosurgery intrinsic spinal cord tumor resection. *Operative Nuances* 2002; 50(5): 1059-63.
12. McCormick PC, Stein BM. Miscellaneous intradural pathology. *Neurosurg Clin North Am* 1990;1(3); 687-99.
13. Alter M. Statistical aspects of spinal cord tumors. In: Vinken PJ, Bruyn GH, editors. *Handbook of Clinical Neurology*. Amsterdam: North Holland Publishing. 1995; P: 1-22.
14. Cooper PR. Outcome after operative treatment of intramedullary spinal cord tumors in adults. *Neurosurgery* 2001; 25: 855-9.
15. Velasquez L, Goh K, Epstein FJ. Pediatric intramedullary spinal cord tumors. *Pediatr Neurosurg* 1997; 27: 34-9.
16. Raffel C, Edwards MSB. Intraspinal tumors in children. In: Youmans JR, editors. *Neurological Surgery*. Philadelphia: WB Saunders. 1990; P: 3574-87.
17. McCormick, PC, Torres R, Post KD. Intramedullary ependymoma of the spinal cord. *J Neurosurg* 1990; 72:523-33.
18. McCormick PC, Stein BM. Intramedullary tumors in adults. *Neurosurg Clin North Am* 1990;1(3); 609-30.

19. Mork SJ, Loken AC. Ependymoma: A follow-up study of 101 cases. *Cancer* 1987; 40: 907-15.
20. Levy WJ, Latchaw J, Hahn JF. Spinal neurofibromas: A report of 66 cases and a comparison with meningiomas. *Neurosurgery* 1986; 18: 331-4.
21. Levy WJ, Bay J, and Dohn DF. Spinal cord meningioma. *J Neurosurg* 1982; 57: 804-12.
22. Solero C L, Fornari M, Giombini S. Spinal meningiomas: Review of 174 operated cases. *Neurosurgery* 1999; 125:153-60.
23. Stein BM, Leeds NE, Taveras JM. Meningiomas of the foramen magnum. *J Neurosurg* 1993; 20: 740-51.
24. Lunardi P, Locator G, Missori P. Management of intramedullary tumors in children. *Acta Neurochir* 1994; 120: 59- 65.
25. Constantini S, Houten J, Miller DC. Intramedullary spinal cord tumors in children under age 3. *J Neurosurg* 1996; 85: 1036-43.
26. Kaptanoglu E, Tun K, Celikmez RC, Ozen O, Taskin Y. Spinal drop metastasis of choroid plexus papilloma. *J Clin Neurosci* 2007; 14(4): 381-3.
27. Epstein FJ, Farmer J. Pediatric spinal cord tumor surgery. *Neurosurg Clin North Am* 1998; 1: 569-90.
28. Cooper PR, Epstein F. Radical resection of intramedullary spinal cord tumors in adults. *J Neurosurg* 1985; 63:492-9.
29. Brotchi J, Dewitte O, Levivier M. A survey of 65 tumors within the spinal cord. *Neurosurgery* 1991; 29: 651-7.
30. Rifkinson-Mann S, Wisoff JH, Epstein FJ. The association of hydrocephalus with intramedullary spinal cord tumors. *Neurosurgery* 1990; 27: 749-54.
31. Fisher G, Mansuy L. Total removal of intramedullary ependymomas: Follow-up study of 16 cases. *Surg Neurol* 1989; 14: 243-9.
32. Rawlings CE, Giangaspero F, Burger PC. Ependymomas: A clinicopathologic study. *Surg Neurol* 1988; 29: 271-81.
33. Epstein F, Farmer JP, Freed D. Adult intramedullary astrocytoma of the spinal cord. *J Neurosurg* 1992; 77: 483-7.
34. Cristante L, Hermann HD. Surgical management of intramedullary spinal cord tumors. *Neurosurgery* 2005; 35: 69-76.