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## LITERATURA

1. Adamkiewicz A. Die Blutgefäße des menschlichen Rückenmarkes. I. Theil. Die Gefäße der Rückenmarkssubstanz. Sitzungsberichten der Kaiserlichen Akademie der Wissenschaften, Mathematisch-naturwissenschaftliche Classe. 1881;84:469–502.
2. Bartoš R, Ospalík D, Hejčl A, Malucelli A, Sameš M, Němcová V. Proč se dráhy kříží? Základní principy uspořádání mozku obratlovců. Minimonografie. *Cesk Slov Neurol N*. 2021;84/117(4):316–28.
3. Cavalcanti DD, Preul MC, Kalani MYS, Spetzler RF. Microsurgical anatomy of safe entry zones to the brainstem. *J Neurosurg*. 2016;124:1359–76.
4. Dickman CA, Fehlings MG, Gokaslan ZL, eds. *Spinal Cord and Spinal Column Tumors: Principles and Practice*. New York: Thieme; 2006; 712 pp.
5. Dommissie G. *The arteries and veins of the human spinal cord from birth*. 1st edition. London: Churchill Livingstone; 1975.
6. Epstein F, Wisoff J. Intra-axial tumors of the cervicomedullary junction. *J Neurosurg*. 1987;67:483–7.
7. Epstein F. Intraaxial tumors of the spinal cord and cervicomedullary junction in children. *Neurosurg State Art Rev*. 1986;1:17–34.
8. Fetcho JR. Spinal network of the Mauthner cell. *Brain Behav Evol*. 1991;37(5):298–316.
9. Gailloud P. Spinal Vascular Anatomy. *Neuroimaging Clin N Am*. 2019;29(4):615–33.
10. Grim M, Druga R. *Základy anatomie*. 4a., *Centrální nervový systém*. 2., přeprac. vyd. Praha: Galén; 2014. ISBN 978-80-7262-938-1.
11. Guberinic A, van den Elshout R, Kozicz T, et al. Overview of the microanatomy of the human brainstem in relation to the safe entry zones. *J Neurosurg*. 2022;1–11.
12. Haines DE, Ard MD. *Fundamental Neuroscience for Basic and Clinical Applications*. Fourth edition Fourth ed. Elsevier/Saunders; 2013.
13. Jallo GI, Kothbauer K, Epstein FJ. Surgical management of cervicomedullary and dorsally exophytic brain stem tumors. *Operative Techniques in Neurosurgery*. 2000;3(2):131–6.
14. Jarvis ED, Yu J, Rivas MV, et al. Global view of the functional molecular organization of the avian cerebrum: mirror images and functional columns. *J Comp Neurol*. 2013;521(16):3614–65.
15. Kadyi H. *Über die Blutgefäße des Menschlichen Rückenmarkes*. Lemberg (Ukraine): Gubrynowicz & Schmidt; 1889.
16. Kalani MY, Yagmurlu K, Martirosyan NL, Cavalcanti DD, Spetzler RF. Approach selection for intrinsic brainstem pathologies. *J Neurosurg*. 2016;125(6):1596–607.
17. Kenan I, Arnautović, Ziya L. *Gokaslan: Spinal Cord Tumors*. Springer Cham. 978-3-319-99437-6. Published: 05 March 2019.
18. Lowery LA, Sive H. Strategies of vertebrate neurulation and a re-evaluation of teleost neural tube formation. *Mechanisms of Development* 2004;121(10):1189–97.
19. Marzban H, Del Bigio MR, Alizadeh J, Ghavami S, Zachariah RM, Rastegar M. Cellular commitment in the developing cerebellum. *Front Cell Neurosci*. 2015;8:450.
20. Matsushima T, Fukui M, Inoue T, et al. Microsurgical and magnetic resonance imaging anatomy of the cerebellomedullary fissure and its application during fourth ventricle surgery. *Neurosurgery*. 1992;30(3):325–30.
21. Mora C, Velásquez C, Martino J. The neural pathway midline crossing theory: a historical analysis of Santiago Ramón y Cajal's contribution on cerebral localization and on contralateral forebrain organization. *Neurosurg Focus*. 2019;47(3):1–6.

22. Morota N, Ihara S, Ogiwara H. New classification of spinal lipomas based on embryonic stage. *J Neurosurg Pediatr.* 2017;19(4):428–39.
23. Mussi AC, Rhoton AL, Jr. Telovelar approach to the fourth ventricle: microsurgical anatomy. *J Neurosurg.* 2000;92(5): 812–23.
24. Orhan Bican, Alireza Minagar, Amy A Pruitt. The spinal cord: a review of functional neuroanatomy. *Neurol Clin* 2013 Feb;31(1):1-18. doi: 10.1016/j.ncl.2012.09.009.
25. Ospalík D, Bartoš R, Němcová V, Brušáková Š, Černík D, Cihlář F, Hejčl A, Zítek H, Sameš M. Cévní morfologie, symptomy, diagnostika a léčba ischemických příhod mozkového kmene. *Minimonografie. Cesk Slov Neurol N.* 2020; 83(2): 127–139.
26. Párraga RG, Possatti LL, Alves RV, et al. Microsurgical anatomy and internal architecture of the brainstem in 3D images: surgical considerations. *J Neurosurg.* 2016;124:1377–95.
27. Petrovický P, et al. *Klinická neuroanatomie CNS s aplikovanou neurologií a neurochirurgií.* 1. vydání. Praha: Triton; 2008. ISBN 978-80-7387-039-3.
28. Petrovický, P. *Anatomie s topografií a klinickými aplikacemi.* III. svazek, Neuroanatomie, smyslová ústrojí a kůže. Martin: Osveta, 2002. ISBN 80-8063-045-3.
29. Petrovický P, *Anatomie III.* Praha: Osveta; 2001.
30. Radovnický T, Sameš M. Cerebelární mutismus po resekci meduloblastomu u dítěte. *Cesk Slov Neurol N.* 2008;71/104(4):483–6.
31. Recalde RJ, Figueiredo EG, de Oliveira E. Microsurgical anatomy of the safe entry zones on the anterolateral brainstem related to surgical approaches to cavernous malformations. *Neurosurgery.* 2008;62:9–15; discussion 15–17.
32. Rhoton AL, Jr. Cerebellum and fourth ventricle. *Neurosurgery.* 2000;47(3 Suppl):S7–27.
33. Serrato-Avila JL, Paz Archila JA, Silva da Costa MD, et al. Three-Dimensional Quantitative Analysis of the Brainstem Safe Entry Zones Based on Internal Structures. *World Neurosurg.* 2022;158:64–74.
34. Spetzler, RF, et al. *Color Atlas of Brainstem Surgery.* Thieme. 2017.
35. Spetzler RF (Robert F, Kalani Y & Lawton MT (Eds.). *Surgery of the brainstem.* Thieme; 2020.
36. ten Donkelaar HJ, Bekker M, Renier WO, Hori A, Shiota K. Neurulation and neural tube defects. In: ten Donkelaar HJ (ed) *Clinical neuroembryology*, 2nd edn. Heidelberg: Springer. 2014; pp 165–217.
37. Yagmurlu K, Rhoton AL, Tanriover N, Bennett JA. Three-dimensional microsurgical anatomy and the safe entry zones of the brainstem. *Neurosurgery.* 2014;10 Suppl 4:602–19; discussion 619–20.
38. Yamamoto N, Nakayama T, Hagio H. Descending pathways to the spinal cord in teleosts in-comparison with mammals, with special attention to rubrospinal pathways. *Develop Growth Differ* 2017;59:188–93.