

Štěpán Čapek – Publikační činnost autora

Publikace in extenso, které jsou zahrnuty v disertační práci

1. **Capek S**, Howe BM, Amrami KK, Spinner RJ. Perineural spread of pelvic malignancies to the lumbosacral plexus and beyond: clinical and imaging patterns. *Neurosurg Focus*. 2015;39(3):E14. IF = 2.891
2. **Capek S**, Amrami KK, Dyck PJB, Spinner RJ. Targeted fascicular biopsy of the sciatic nerve and its major branches: rationale and operative technique. *Neurosurg Focus*. 2015;39(3):E12. IF = 2.891
3. Jacobs JJ, **Capek S**, Spinner RJ, Swanson KR. Mathematical model of perineural tumor spread: a pilot study. *Acta Neurochir*. 2017;160(3):655–61. IF = 1.83

Publikace in extenso, se vztahem k disertační práci

4. **Capek S**, Amrami KK, Howe BM, Collins MS, Sandroni P, Cheville JC, et al. Sequential imaging of intraneural sciatic nerve endometriosis provides insight into symptoms of cyclical sciatica. *Acta Neurochir*. 2016;158(3):507–12; discussion 512. IF = 1.83
5. **Capek S**, Krauss WE, Amrami KK, Parisi JE, Spinner RJ. Perineural Spread of Renal Cell Carcinoma: A Case Illustration with a Proposed Anatomic Mechanism and a Review of the Literature. *World Neurosurg*. 2016;89:728.e11-728.e17 IF = 1.723
6. Sousa ACS, **Capek S**, Amrami KK, Spinner RJ. Neural involvement in endometriosis: Review of anatomic distribution and mechanisms. *Clin Anat*. 2015;28(8):1029–38. IF = 1.81
7. Sousa ACS de, **Capek S**, Howe BM, Jentoft ME, Amrami KK, Spinner RJ. Magnetic resonance imaging evidence for perineural spread of endometriosis to the lumbosacral plexus: report of 2 cases. *Neurosurg Focus*. 2015;39(3):E15. IF = 2.891
8. **Capek S**, Howe BM, Froemming AT, Amrami KK, Spinner RJ. Perineural spread in pelvic malignancies can be an alternate explanation for pelvic bony metastases rather

than hematogenous spread. A report of two cases. *Skeletal Radiol.* 2015;44(9):1365–70. IF = 1.737

9. **Capek S**, Howe BM, Tracy JA, García JJ, Amrami KK, Spinner RJ. Prostate cancer with perineural spread and dural extension causing bilateral lumbosacral plexopathy: case report. *J Neurosurg.* 2015;122(4):778–83. IF = 4.13
10. **Capek S**, Amrami KK, Howe BM, Spinner RJ. Perineural tumor spread to the muscle: An alternative for muscle metastasis? *Clin Anat.* 2014;28(5):560–2. IF = 1.81
11. **Capek S**, Sullivan PS, Howe BM, Smyrk TC, Amrami KK, Spinner RJ, et al. Recurrent rectal cancer causing lumbosacral plexopathy with perineural spread to the spinal nerves and the sciatic nerve: An anatomic explanation: Perineural Spread in Rectal Cancer. *Clin Anat.* 2014;28(1):136–43. IF = 1.81
12. Aghion DM, **Capek S**, Howe BM, Hepel JT, Sambandam S, Oyelese AA, et al. Perineural tumor spread of bladder cancer causing lumbosacral plexopathy: an anatomic explanation. *Acta Neurochir.* 2014;156(12):2331–6. IF = 1.83

Ostatní publikace

13. **Capek S**, Carpenter D, Mattos J, Maggio D, Jane JA, Syed HR. Compressive epidural collection as an unusual complication of FESS for a pediatric mycetoma. *Child's Nerv Syst.* 2021;37(1):311–4. IF = 1.327
14. Rabinovich EP, **Capek S**, Kumar JS, Park MS. Tele-robotics and artificial-intelligence in stroke care. *J Clin Neurosci.* 2020;79:129–32. IF = 1.378
15. Soldozy S, Young S, Kumar JS, **Capek S**, Felbaum DR, Jean WC, et al. A systematic review of endovascular stent-electrode arrays, a minimally invasive approach to brain-machine interfaces. *Neurosurg Focus.* 2020;49(1):E3. IF = 2.891
16. Asuzu DT, Kumar J, **Capek S**, Park MS. Fulminant Reversible Cerebral Vasoconstriction Syndrome After Carotid Endarterectomy for Asymptomatic Stenosis. *World Neurosurg.* 2020;134:423–6. IF = 1.723

17. Murthy NK, Hébert-Blouin M-N, **Capek S**, Prasad NK, Amrami KK, Spinner RJ. Understanding the Pathognomonic Tumefactive Appearance of Neurolymphomatosis: A Unifying Theory of Neurolymphoma. *World Neurosurg.* 2020;141:e490–7. IF = 1.723
18. Kearns KN, Chen C-J, Yagmurlu K, **Capek S**, Buell TJ, Taylor DG, et al. Hemorrhage Risk of Untreated Isolated Cerebral Cavernous Malformations. *World Neurosurg.* 2019;131:e557–61. IF = 1.723
19. Marek T, **Capek S**, Amrami KK, Spinner RJ. Letter to the Editor Regarding “Perineural Spread Along Spinal and Obturator Nerves in Primary Vaginal Carcinoma: A Case Report.” *World Neurosurg.* 2018;118:381–2. IF = 1.723
20. Laumonerie P, **Capek S**, Amrami KK, Dyck PJB, Spinner RJ. Targeted fascicular biopsy of the brachial plexus: rationale and operative technique. *Neurosurg Focus.* 2017;42(3):E9. IF = 2.891
21. Spinner RJ, **Capek S**. Adapting Findings From Rare Peripheral Nerve Disorders Can Lead to Broad Applications in Neurosurgery. *Neurosurgery.* 2017;64(CN_suppl_1):52–8. 4.605
22. **Capek S**, Spinner RJ. In Reply to “Perineural Spread or Neural Tropism? Discussion of a Paper and Description of an Unusual Case of Cervical Intradural Extramedullary Dumbbell Metastasis from Renal Cell Carcinoma”. *World Neurosurg.* 2017;100:699. IF = 1.723
23. **Capek S**, Amrami KK, Spinner RJ. Gastroesophageal junction carcinoma and brachial plexopathy: An anatomic explanation via perineural spread. *Clin Anat New York N Y.* 2016;29(6):800–3. IF = 1.81
24. **Capek S**, Amrami KK, Howe BM, Salomao DR, Dyck PJB, Spinner RJ. Perineural spread of squamous cell carcinoma: From skin to skin through the brachial plexus. *Clin Neurol Neurosur.* 2015;128:90–3. IF = 1.378
25. **Capek S**, Hébert-Blouin M-N, Puffer RC, Martinoli C, Frick MA, Amrami KK, et al. Tumefactive appearance of peripheral nerve involvement in hematologic malignancies: a new imaging association. *Skeletal Radiol.* 2015;44(7):1001–9. IF = 1.737
26. **Capek S**, Koutlas IG, Strasia RP, Amrami KK, Spinner RJ. An inferior alveolar intraneural cyst: a case example and an anatomical explanation to support the articular theory within cranial nerves. *J Neurosurg.* 2015;122(6):1433–7. IF = 4.13

27. Prasad NK, **Capek S**, Ruiters GCW de, Amrami KK, Spinner RJ. The subparaneurial compartment: A new concept in the clinicoanatomic classification of peripheral nerve lesions: The Subparaneurial Compartment. *Clin Anat*. 2015;28(7):925–30. IF = 1.81
28. **Capek S**, Tubbs RS, Spinner RJ. Do cutaneous nerves cross the midline?: Do Cutaneous Nerves Cross the Midline? *Clin Anat*. 2014;28(1):96–100. IF = 1.81
29. **Capek S**, Skvor J, Neubertova E, Sames M. Microsurgical resection of symptomatic pineal cysts. *Cesk Slov Neurol N*. 2014;77(1):90-5. IF = 0.355