

Op.Mehmet Alpay Cal,MD

Brain and Nerve Surgery

Areas of Interest

- Neuro-oncological surgery
- Spinal Surgery
- Pediatric Neurosurgery
- Peripheral Nerve Surgery
- Functional Neurosurgery and Algology

Education:

- Istanbul University, Faculty of Medicine
- Istanbul Okmeydani Training and Research Hospital

Experience:

- Liv Hospital Ulus
- Sisli Kolan Hospital
- Prof.Dr.Cemil Taşcıoğlu City Hospital
- Ardahan State Hospital

Research:

- Tumor markers and other laboratory findings in brain tumors
- Antiepileptic drugs in operated brain tumors
- Cervical corpectomy techniques
- Pre-emptive analgesia in spine surgeries

Publications:

- Uysal E, Cine HS, Yavuz AY, Cal MA. Impact of subventricular zone interaction on clinical outcomes in patients with intracerebral hematoma. *Experimental Biomedical Research*, 2024;7(3): 117-126. <https://doi.org/10.30714/j-ebr.2024.215>
- Çal MA, Yangı K. A Single-center Study Comparing Volumetric and Morphometric Measurements of Chiari Malformation in the Turkish Population. *Eur Arc Med Res*.2024 Mar;40(1):50-56. doi:10.4274/eamr.galenos.2024.24892.
- Avcı İ, Başkurt O, Şeker S, Kurtuluş Y, Çal MA. Rapid Recurrence of Glioblastoma After 12 Days Despite Gross Total Resection. *Eur Arc Med Res*.2024 Mar;40(1):62-65. doi:10.4274/eamr.galenos.2024.48615.
- Play MA. The relationship between vertebral compression rates and systemic inflammatory scores in osteoporotic vertebral fractures. *Eur Rev Med Pharmacol Sci*. 2024;28(3):959-968. doi:10.26355/eurrev_202402_35333
- Çal MA, Gök H. Retrospective Evaluation of the Effect of Surgery and CyberKnife on Recurrence and Neurological Deficits in Cases Diagnosed as Vestibular Schwannoma. *Haydarpasa Numune Med J*.2023;63 (1), 62 67.doi:10.14744/hnhj.2022.45712
- Uysal E, Çal MA, Cine HS. The use of vancomycin powder in the compound depressed skull fractures. *Clin Neurol Neurosurg*. 2023;225:107570. doi:10.1016/j.clineuro.2022.107570
- Gök H, Şeker S, Peker HO, Çal MA, Altay T, Çelik S. A rare case report: Cervical subcutaneous and mediastinal emphysema due to mastoid fracture. A rare case report: Cervical subcutaneous and mediastinal emphysema due to mastoid fracture. *Ulus Travma Emergency Surgery Journal* . 2020;26(2):328 330. doi:10.14744/tjtes.2019.02828
- Çinar N,Karaođlan A,Midi A,Çal MA,Kelten B,Çakmak MA,Şahin Ş. Neuroprotective effect of ziprasidone: Preliminary results compared to haloperidol. *J. Exp. Clin. Med* ., 2014; 31:71 75. doi : 10.5835/jecm.omu.31.02.002
- Karaoglan A, Cal MA, Orki A, Arpaozu BM, Colak A. Pneumorrhachis associated with bronchial asthma , subcutaneous emphysema and pneumomediastinum . *Turkish Neurosurg* . 2011;21(4):666 668.
- Kelten B, Karaođlan A, Cal MA, Akdemir O, Karanç T. Human immunodeficiency Bilateral epidural puncture in a patient infected with the virus Hematoma : Case report [Bilateral epidural hematoma in a patient with Human immunodeficiency virus infection : a case report]. *Ulus Trauma Emergency Surgery Journal* . 2013;19(3):267 270. doi: 10.5505 /tjtes.2013.49799
- Karaoglan A, Akdemir O, Cinar N, et al. Correlation between leptin and pro- inflammatory cytokines in cortical contusion injury model. *Ulus Trauma Emergency Surgery Journal* . 2011;17(4):298 302. doi: 10.5505 /tjtes.2011.69077
- Cal MA, Kelten B, Akbas A, Akdemir O, Karaoglan A. Coexistence of spinal lipoma, ependymal cyst and dermoid cyst in neighboring localizations in context medullaris : A case report . *HealthMed* . 2013; 7(12):3227
- Canpolat A, Duman H, Akbař A, Çal MA, Akdemir AO. Diffuse dysphagia and myeloradiculopathy presenting idiopathic skeletal hyperostosis (Forestier Disease). *TC Maltepe University Medical Faculty Journal*.2012;4(2),14 17
- Karaoglan A, Kelten B,Akdemir AO,Çal MA. Lumbar spine presenting with radiculopathy spinal Chondroma : Case report. *TC Maltepe University Medical Faculty Journal*. 2011;3(3),28 30

