



CURRICULUM VITAE

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Degree	Department/Program	University	Year
Medical Specialty	İSTANBUL GÖZTEPE EĞİTİM VE ARAŞTIRMA HASTANESİ		2010
Bachelor's Degree	TIP PR.	Trakya University	2000

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):
Kafa travmalı olgularda transkranial dopplerultrasonografi ve intrakranial basınçmonitörizasyonunun dekompresif kraniyektomiendikasyonunda ve takibinde ilişkisi

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1.** Aydınlar E. I., Sarı R., Yalınay Dikmen P., Elmacı İ., "Intraoperative Neurophysiologic Monitoring Improves Neurologic Outcomes in Eloquent Brain Areas and Aids in Increasing the Volume of Resected Glioma: Current Results Compared With Historical Controls", *Journal of Clinical Neurophysiology*, vol. 42, no. 4, pp. 343-349, 2025.
- A2.** Sarı R., Akçakaya M. O., Özyılmaz K., Temel Y., Elmacı İ., "Case Report: Cranial intradural chordoma following extradural spinal chordoma", *Frontiers in Surgery*, vol. 12, no. 1598308, pp. 1-8, 2025.
- A3.** İlgezdi-kaya İ., Ilgaz Aydınlar E., Yalınay Dikmen P., Sarı R., Elmacı İ., "Intraoperative recording of laryngeal adductor reflex and cortical motor evoked potentials during jugular foramen schwannoma surgery: a case report and literature review", *Journal of Clinical Monitoring and Computing*, vol. 36, no. 6, pp. 1585-1590, 2022.
- A4.** Elmacı İ., Altinoz M. A., Kahraman Özlü E. B., Sarı R., Er Ö., Ekmekci C. G., Turkgenc B., Ozpinar A., Hacker E., Ozpinar A., "MGMT in glial carcinogenesis. Roles from prevention to treatment", *European Journal of Cancer Prevention*, vol. 31, no. 6, pp. 568-576, 2022.
- A5.** Elmacı İ., Altinoz M. A., Sarı R., Kahraman Aközer S., "Elective surgery system strengthening: development, measurement, and validation of the surgical preparedness index across 1632 hospitals in 119 countries", *Elsevier BV*, vol. 400, pp. 1607-1617, 2022.
- A6.** Altinoz M. A., Sarı R., Elmacı İ., "From Aspirin, via Gentisic Acid to Cancer Chemoprevention", *European Journal of Cancer Prevention (Wolters Kluwer Health)*, vol. 31, pp. 6, 2021.
- A7.** Sarı R., Altinoz M. A., Özyar E., Erşen Danyeli A., Elmacı İ., "A pediatric cerebral tumor with MN1 alteration and pathological features mimicking carcinoma metastasis: may the terminology "high grade neuroepithelial tumor with MN1 alteration" still be relevant?", *Child's Nervous System*, vol. 37, no. 10, pp. 2967-2974, 2021.
- A8.** Erşen Danyeli A., Altinoz M. A., Sarı R., Elmacı İ., "Polymorphous low-grade neuroepithelial tumor of the young: A detailed pathomolecular analysis and discussion of a case", *Clinical Neuropathology*, vol. 40, no. 5, pp. 271-278, 2021.

- A9.** Elmacı İ., Altinoz M. A., Sarı R., R. Syed H., Aydinlar E. I., Kahraman S., Jean W. C., "Shall elective neurosurgical patients be postponed during a pandemic? lessons from the peak period of COVID-19 pandemic", *Journal of Neurosurgical Sciences*, vol. 65, no. 4, pp. 460-461, 2021.
- A10.** Sarı R., Altinoz M. A., Kahraman Özlü E. B., Sav A., Erşen Danyeli A., Baskan O., Er Ö., Elmacı İ., "Treatment Strategies for Dopamine Agonist-Resistant and Aggressive Prolactinomas: A Comprehensive Analysis of the Literature", *Hormone and Metabolic Research*, vol. 53, no. 7, pp. 413-424, 2021.
- A11.** Elmacı İ., Altinoz M. A., Ozlu B. E. K., Sarı R., Er Ö., Erşen Danyeli A., Karaarslan E., "Benign leiomyoma with multiple metastases to vertebrae and calvarium: An index case with comprehensive review of endocrine targets", *Neurosurgical Review*, vol. 44, no. 1, pp. 289-300, 2021.
- A12.** Elmacı İ., Altinoz M. A., Akdemir G., Sarı R., Baskan O., Özpınar A., Hacker E., Sav A., "Neurosurgical and neuro-immunological management of IgG4-related hypertrophic sclerosing pachymeningitis. A literature survey and discussion of a unique index case", *Clinical Neurology and Neurosurgery*, vol. 200, no. 1, pp. 1-10, 2021.
- A13.** Sarı R., Erbay Elibol F. K., Kahraman Özlü E. B., Elmacı İ., Demir T., "Could isthmus approach to far lateral disc hernias cause instability?", *Clinical Biomechanics*, vol. 76, pp. 105004-105021, 2020.
- A14.** Sarı R., Bölükbaşı F. H., Kahraman Özlü E. B., Işık N., Güra Çelik M., Elmacı İ., "Decompressive craniectomy in traumatic brain injury: Transcranial doppler sonography used as a guide Travmatik beyin hasarında dekompresif kraniyektomi: Transkraniyal dopplerultrasonografi yol gösterici olabilir mi?", *Ulusal Travma ve Acil Cerrahi Dergisi*, vol. 26, no. 3, pp. 418-424, 2020.
- A15.** Elmacı İ., Altinoz M. A., Sarı R., Bolukbasi F. H., "Phosphorylated Histone H3 (PHH3) as a Novel Cell Proliferation Marker and Prognosticator for Meningeal Tumors: A Short Review", *Applied Immunohistochemistry and Molecular Morphology*, vol. 26, no. 9, pp. 627-631, 2018.
- A16.** Elmacı İ., Altinoz M. A., Sarı R., "Immune Pathobiology of Schwannomas: A Concise Review", *Journal of Neurological Surgery, Part A: Central European Neurosurgery*, vol. 79, no. 2, pp. 159-162, 2018.
- A17.** Brandmeier S., Taşkıran E., Bölükbaşı F. H., Sarı R., Elmacı İ., "Multimodal intraoperative neurophysiological monitoring in neurosurgical oncology", *Turkish Neurosurgery*, vol. 28, no. 2, pp. 204-210, 2018.
- A18.** Elmacı İ., Altinoz M. A., Sav A., Bölükbaşı F. H., Önöz M., Baskan O., Sarı R., "Whorling-sclerosing meningioma. A review on the histological features of a rare tumor including an illustrative case", *Clinical Neurology and Neurosurgery*, vol. 162, pp. 85-90, 2017.
- A19.** Altinoz M. A., Elmacı İ., Bölükbaşı F. H., Ekmekci C. G., Yenmis G., Sarı R., Sav A., "MGMT gene variants, temozolomide myelotoxicity and glioma risk. A concise literature survey including an illustrative case", *Journal of Chemotherapy*, vol. 29, no. 4, pp. 238-244, 2017.
- A20.** Sarı R., Tonge M., Bölükbaşı F. H., Onoz M., Baskan O., Silav G., Elmacı İ., "Management of failed cranioplasty", *Turkish Neurosurgery*, vol. 27, no. 2, pp. 201-207, 2017.
- A21.** Taskiran E., Brandmeier S., Özek E., Sarı R., Bölükbaşı F. H., Elmacı İ., "Multimodal intraoperative neurophysiological monitoring in spinal cord surgery", *Turkish Neurosurgery*, vol. 27, no. 3, pp. 436-440, 2017.
- A22.** Kırçelli A., Ozel O., Can H., Sarı R., Cansever T., Elmacı İ., "Is the presence of linear fracture a predictor of delayed posterior fossa epidural hematoma? Lineer kırık varlığı, geç gelişen posterior fossa epidural hematomu açısından bir risk faktörümüzdür?", *Ulusal Travma ve Acil Cerrahi Dergisi*, vol. 22, no. 4, pp. 355-360, 2016.
- A23.** Baskan O., Silav G., Sarı R., Canoz O., Elmacı İ., "Relationship of intraoperative ultrasound characteristics with pathological grades and Ki-67 proliferation index in intracranial gliomas", *Journal of Medical Ultrasonics (Singapore)*, vol. 42, no. 2, pp. 231-237, 2015.
- A24.** Silav G., Sarı R., Bölükbaşı F. H., Altaş M., Işık N., Elmacı İ., "Microsurgical fenestration and cystoperitoneal shunt through preauricular subtemporal keyhole craniotomy for the treatment of symptomatic middle fossa arachnoid cysts in children", *Child's Nervous System*, vol. 31, no. 1, pp. 87-93, 2015.
- A25.** Altaş M., Çerçi A., Silav G., Sarı R., Coşkun K., Balak N., Işık N., Elmacı İ., "Microsurgical management of non-neurofibromatosis spinal schwannoma", *Neurocirugia*, vol. 24, no. 6, pp. 244-249, 2013.
- A26.** Balak N., Türkoğlu R., Sarı R., Aslan B., Zemheri I. E., Işık N., "Favored gyral sites of supratentorial astrocytic tumors", *NEUROLOGY ASIA*, vol. 16, no. 1, pp. 71-79, 2011.
- A27.** Gura M., Elmacı İ., Sarı R., Coskun N., "Correlation of pulsatility index with intracranial pressure in traumatic brain injury Travmatik beyin hasarında intrakraniyal basınçla pulsatilite indeksinin korelasyonu", *Turkish Neurosurgery*, vol. 21, no. 2, pp. 210-215, 2011.
- A28.** Ünsal Çakmak M. A., Cantürk İ., Işık N., Sarı R., Yıldız N., Candan F., Işık N., Elmacı İ., "105 patients with subarachnoid hemorrhage (SAH): A retrospective study", *Journal of Neurological Sciences (Turkish)*, vol. 25, no. 3, pp. 163-168, 2008.

C. National/international books written or chapters in books:

C2. Chapters in national/international books written:

- C2.1.** Sarı R., Bölükbaşı F. H., Elmacı İ., "İntrakraniyel Arter Anevrizmaları", *Balon Anevrizma ve Disseksiyon*, İstanbul Tıp Kitapevi, İstanbul, 2024.

- C2.2.** Sarı R., "Nöroonkolojik Cerrahide Yardımcı Yöntemler", *Temel Nöroşirurji*, Türk Nöroşirurji Derneği Yayınları No.29, Ankara, 2023.
- C2.3.** Sarı R., Elmacı İ., "İnsula Tümörleri Cerrahisi", *Temel Nöroşirurji*, Türk Nöroşirurji Derneği Yayınları No.29, Ankara, 2023.
- C2.4.** Sarı R., Bölükbaşı F. H., Tonge M., "Selektif Dorsal Rizotomi", *Fonksiyonun Cerrahi Anatomisi*, US Akademi, 2019.
- C2.5.** Serefhan A., Balak N., Çerçi Ş. A., Coşkun K., Sarı R., Silav G., Işık N., Nur Celik M., Elmacı İ., "Relationship between the development of vasospasm after aneurysmal subarachnoid haemorrhage and the levels of dendroaspis natriuretic peptide in body fluids", *Cerebral Vasospasm: New Strategies in Research and Treatment*, Springer Wien, 2008.

D. Articles published in national peer-reviewed journals:

- D1.** Sarı R., Baskan O., Kahraman Özlü E. B., Elmacı İ., "Reduced radiation exposure during O-arm navigation in degenerative lumbar spine surgery", *Demiroglu Science University Floronce Nightingale Journal of Medicine*, vol. 10, no. 2, pp. 63-70, 2024.
- D2.** Sarı R., Kahraman Özlü E. B., Elmacı İ., "Neoplastic and Non-neoplastic Lesions of the Skull:Single-Center Experience", *Haydarpaşa Numune Medical Journal*, vol. 60, no. 4, pp. 367-372, 2020.
- D3.** Sarı R., Bölükbaşı F. H., Başaran R., Efendioğlu M., Işık N., "The Neuroectodermal Subtypes of Chiari Malformation: Long-term Results", *Haydarpaşa Numune Medical Journal*, vol. 60, no. 3, pp. 259-265, 2020.
- D4.** Özek E., Sarı R., Bölükbaşı F. H., Silav G., Tonge M., Elmacı İ., "Is Size of the Preop-Operative Annular Tear Measurement a Risk for Early Recurrent Lumbar Disc Herniations?", *Fırat Tıp Dergisi*, vol. 24, no. 1, pp. 18-21, 2019.
- D5.** Elmacı İ., Sarı R., Bölükbaşı F. H., Altinoz M. A., "Hemanjioperisitoma/Soliter Fibröz Tümör MolekülerPatogenezi ve Moleküler Tedavi DenemeleriMolecular Pathogenesis of Hemangiopericytomas/SolitaryFibrous Tumors and Molecular Treatment Attempts", *Türk Nöroşirurji Dergisi*, vol. 27, no. 2, pp. 176-184, 2017.
- D6.** Bölükbaşı F. H., Sarı R., Tonge M., Akdemir G., Elmacı İ., "İntrakranial Meningiomaya Bağlı Yabancı El Sendromu Olgusu", *Türk Nöroşirurji Dergisi*, vol. 26, no. 3, pp. 226-229, 2016.
- D7.** Ayan E., Bölükbaşı F. H., Sarı R., Elmacı İ., "Yüksek evreli gliomlarda radyoterapiye eşlik eden temozolamid tedavisi ve psödoprogresyon kavramı", *Göztepe Tıp Dergisi*, vol. 25, no. 1, pp. 43-47, 2010.
- D8.** Sarı R., Çerçi Ş. A., Işık N., Elmacı İ., "Karotis stenozunda antiagregan tedavi altında spontan regresyon", *Türk Beyin Hastalıkları Dergisi*, vol. 14, no. 1, pp. 19-20, 2009.