

Assoc. Prof. İdris Sertbaş, MD

Department of Neurosurgery

Medical Interests:

- Surgical treatment of brain and cerebellar tumors in adults and children
- Pediatric neurosurgery operations (Hydrocephalus, Tethered Cord, Diastematomyelia, Encephalocele, Meningocele-Meningomyelocele, Dermal Sinus Tract Excision, Craniosynostosis)
- Spinal surgery (Herniated disc, spondylolisthesis, spinal stenosis, stabilization surgeries for spinal fractures, vertebroplasty, kyphoplasty, and kyphosis surgery)
- Deep Brain Stimulation Surgery for Parkinson's disease, essential tremor, and dystonia
- Vagal Nerve Stimulation Surgery for epilepsy
- Spinal Cord Stimulation Surgery for chronic pain
- Surgeries for trigeminal neuralgia and hemifacial spasm
- Baclofen pump implantation for severe spasticity
- Aneurysm, AVM, and cavernoma surgeries

Education

- Medical Degree: Cumhuriyet University Faculty of Medicine (1999-2005)
- Residency: Ankara Training and Research Hospital, Department of Neurosurgery (2009-2014)

Professional Experience:

- Bartın State Hospital, Department of Neurosurgery (Specialist): 2014-2017
- İstanbul Yeni Yüzyıl University Faculty of Medicine, Private Gaziosmanpaşa Hospital, Department of Neurosurgery (Assistant Professor): 2017-2021
- İstanbul Yeni Yüzyıl University Faculty of Medicine, Private Gaziosmanpaşa Hospital, Department of Neurosurgery (Associate Professor): 2021-2023
- Liv Vadistanbul Hospital, Department of Neurosurgery (Associate Professor): 2024 - Present

Memberships:

- Turkish Medical Association (2013)
- Turkish Neurosurgical Society (2014)
- TND Spinal and Peripheral Nerve Surgery Education and Training Group (2015)



Publications

A. Articles Published in International Peer-Reviewed Journals (SCI & SSCI):

1. **Karatay M**, Celik H, Koktekir E, Karatay E, Sertbas I, Yilmaz A, Caydere M, Karabagli H. Role of tenoxicam in the prevention of postlaminectomy peridural fibrosis in rats. *Journal of Neurological Sciences (Turkish)* 30(3): 559-565, 2013
2. **Celik H**, Karatay M, Erdem Y, Yilmaz A, Tascioglu T, Sertbas I, Bayar MA. Spontaneous regression of extruded lumbar disc herniation. *Journal of Neurological Sciences (Turkish)* 30(4): 787-790, 2013
3. **Erdem Y**, Karatay M, Sertbas I, Celik H, Bayar MA. Air compressor-induced pneumocephalus, pneumomediastinum and extensive emphysema. *Pediatric Neurosurgery* 49: 256-257, 2013
4. **Celik H**, Erdem Y, Karatay M, Yorubulut M, Gursay T, Sertbas I, Bayar MA. Lumbar epidural varicose vein: Early neurological improvement and late radiological full recovery with surgery and the importance of magnetic resonance imaging in the follow-up. *Turkish Neurosurgery* 25(5): 824-827, 2015
5. **Karatay M**, Koktekir E, Celik H, Erdem Y, Sertbas I, Bayar MA. Spinal intradural abscess caused by hematogenous spread of *Prevotella oralis* in a 3-year-old child with an asymptomatic congenital spinal abnormality. *Spinal Cord* 53(1): 13-15, 2015
6. **Gulensoy B**, Karatay M, Erdem Y, Celik H, Tascioglu T, Sertbas I, Gursay T, Kul H, Gokcek C, Yasitli U, Bayar MA. Decompressive hemicraniectomy for malignant middle cerebral artery infarct. *Turkish Neurosurgery* 26(5): 704-708, 2016
7. **Celik H**, Karatay M, Erdem Y, Yildirim AE, Sertbas I, Karatay E, Kul H, Guvenc Y, Koksali, Menekse G, Alagoz F, Kertmen HH, Caydere M. The biochemical, histopathological, and clinical comparison of the neuroprotective effects of subcutaneous adalimumab and methylprednisolone in an experimental compressive spinal cord trauma model. *Turkish Neurosurgery* 26(4): 622-631, 2016
8. **Karatay M**, Koktekir E, Erdem Y, Celik H, Sertbas I, Bayar MA. Intramedullary schwannoma of conus medullaris with syringomyelia. *Asian Journal of Surgery* 40(3): 240-242, 2017
9. **Yilmaz A**, Karatay M, Yildirim T, Celik H, Sertbas I, Erdem Y, Caydere M, Isik HS, Bayar MA. Prevention of epidural fibrosis using ranibizumab in a postlaminectomy rat model. *Turkish Neurosurgery* 27(1): 119-123, 2017
10. **Sertbas I**, Yilmaz A, Yildirim T, Karatay M, Celik H, Bayar MA. The role of pegaptanib sodium in the suppression of epidural fibrosis in a postlaminectomy rat model. *Bratisl Lek Listy* 118(2): 118-122, 2017
11. **Sertbas I**, Karatay M. Enlarging teratoma syndrome. *Childs Nerv Syst* 35(2): 369-372, 2019
12. **Sertbas I**, Karatay M, Hacisalihoglu Uguray P. Cervical spine giant cell bone tumor: A case report. *World J Surg Oncol* 17(1): 82, 2019
13. **Sertbas I**, Karatay M. Comparing the postoperative results of single-level anterior cervical discectomy and fusion, cervical disc prosthesis, and minimally invasive posterior cervical disc surgery. *Br J Neurosurg* 34(6): 704-709, 2020
14. **Sertbas I**, Karatay M. The effect of the delay between injury and surgery on mortality, morbidity, and complications in craniocervical gunshot wounds. *Trauma* 22(3): 193-200, 2020
15. **Sertbas I**, Karatay M. Combined preoperative embolization and surgical treatment of a giant aneurysmal bone cyst in the lumbar spine: A case study. *Turkish Neurosurgery* 30(3): 462-464, 2020
16. **Tascioglu T**, Karatay M, Erdem Y, Tekiner A, Celik H, Sahin O, Sertbas I, Bayar MA. Simvastatin in an experimental spinal cord injury model: A histopathological and biochemical evidence-based study. *Bratisl Lek Listy* 121(10): 722-726, 2020
17. **Sarbay H**, Okumus M, Sertbas I, Hacisalihoglu Uguray P, Atay A, Malbora B. Children with solid tumors treated in our center. *International Journal of Contemporary Pediatrics* 7(12): 2260-2266, 2020
18. **Sertbas I**, Turan Bayirli D, Karatay M. Spontaneous cervical epidural abscess caused by *Serratia Marcescens*. *J Coll Physicians Surg Pak* 32(12): 151-153, 2022

B. Presentations at International Scientific Meetings:

[List of presentations provided in original CV]

C. National/International Books or Book Chapters:

1. **Akyoldaş G**, Sertbaş İ, Taşcioğlu T. Short Segment Instrumentation. In: Dalbayrak S, Yaman O, Kaptanoğlu E, Şimşek S, Ateş Ö, Dalgıç A (Eds). Spinal Deformities. Ankara: Turkish Neurosurgical Society Publications, pp. 335-338, 2015. ISBN: 978-605-4149-16-2
2. **Sertbaş İ**. Postoperative Infection in Cervical Surgery. In: Kotil K, Temiz C, Kaptanoğlu E, Erman T, Ateş Ö, Dalgıç A, Solmaz İ (Eds). Degenerative Diseases of the Cervical and Thoracic Spine. Ankara: Turkish Neurosurgical Society Publications, pp. 285-289, 2017. ISBN: 978-605-4149-18-06
3. **Sertbaş İ**. Primary Spinal Tumors. In: Evlice A, Oktay K (Eds). Current Studies in Neurology and Neurosurgery. Ankara: Academician Publishing, pp. 49-66, 2019. ISBN: 978-605-258-328-9

D. Articles in National Peer-Reviewed Journals:

[List of articles provided in original CV]

E. Presentations at National Scientific Meetings:

[List of presentations provided in original CV]

F. Other Publications:

1. **Sertbaş İ**. Treatment and Conservative Management of Lumbar Vertebral Fractures. TND Spinal and Peripheral Nerve Surgery Education and Training Group Bulletin, Issue 65, pp. 20-21, October 2014

