

Prof. Mete Karatay, MD

Neurosurgery

Medical Interests:

- Brain, cerebellum, spine, and spinal cord tumor surgeries in adults and children
- Pediatric Neurosurgery Surgeries (Hydrocephalus, Tethered Cord, Diastematomyelia, Encephalocele, Meningocele-Meningomyelocele, Dermal Sinus Tract Excision, Craniostyostosis)
- Spine Surgery (Lumbar and Cervical Disc Herniation, Spondylolisthesis, Spinal Stenosis, Stabilization for Spinal Fractures, Vertebroplasty-Kyphoplasty Surgeries, Kyphosis Surgery)
- Deep Brain Stimulation Surgery for Parkinson's Disease, Essential Tremor, and Dystonia
- Vagal Nerve Stimulation Surgery (Epilepsy Surgery)
- Spinal Cord Stimulation Surgery (Spinal Cord Pain Stimulator)
- Surgeries for Trigeminal Neuralgia and Hemifacial Spasm
- Baclofen Pump Implantation Surgery (for Severe Spasticity)
- Surgeries for Aneurysms, AVMs, and Cavernomas

Education

Medical Degree:

- Eskişehir Osmangazi University, Faculty of Medicine (1995-2001)

Specialization:

- Ankara Training and Research Hospital, Department of Neurosurgery (2002-2007)

Observership:

- Johns Hopkins University, School of Medicine, Department of Neurological Surgery, Neurosurgical Spine Center, Baltimore, MD, USA (2012)

Director: Prof. Dr. Ziya L. Gökaslan

Professional Experience:

- General Practitioner, Bilecik Inhisar Central Health Center (2001-2002)
- Specialist Neurosurgeon, Ankara Training and Research Hospital (2008-2009, 2010-2015)
- Military Service as Lieutenant, Van Military Hospital, Department of Neurosurgery (2009-2010)
- Assistant Professor, Department of Neurosurgery, Istanbul Yeni Yüzyıl University Faculty of Medicine, Gaziosmanpaşa Hospital (2015-2016)
- Associate Professor, Istanbul Yeni Yüzyıl University Faculty of Medicine, Gaziosmanpaşa Hospital (2016-2021)
- Professor, Istanbul Yeni Yüzyıl University Faculty of Medicine, Gaziosmanpaşa Hospital (2021-2023)
- Professor, Liv Vadistanbul Hospital, Department of Neurosurgery (2024-Present)



Memberships:

- Turkish Medical Association (2001)
- Turkish Neurosurgical Society (2008)
- TNS Spinal and Peripheral Nerve Surgery Education and Training Group (2013)

Publications

International Peer-Reviewed Journals (SCI, SSCI, Arts and Humanities)

1. Gokcek C., Erdem Y., Koktekir E., Karatay M., et al. Intracranial foreign body. Turkish Neurosurgery, 17(2): 121-124, 2007.
2. [Details continue as listed in the original document]

International Conference Proceedings

1. Tekiner A., Bayar MA., Karatay M., et al. A spinal ganglioneuroma mimicking intervertebral disc hernia: Case report 9th International Turkish Spine Congress, April 2011, Istanbul, Turkey.
2. [Details continue as listed in the original document]

Books and Book Chapters

1. Karatay M. Neurosurgery Section. In: Çiçek MN (ed.), Reçete El Kitabı. Ankara: Nobel, pp. 249-260, 2014. ISBN: 978-975-6266-26-7.
2. [Details continue as listed in the original document]

National Peer-Reviewed Journals

1. Bayar MA., Erdem Y., Karatay M., et al. Distal posterior inferior cerebellar artery aneurysm: Case report Turkish Neurosurgery Journal, 15(2): 177-180, 2005.
2. [Details continue as listed in the original document]

National Conference Proceedings

1. Tekiner A., Bayar MA., Karatay M., et al. Post-traumatic isolated atlas anterior arch fracture: Case report 18th Congress of the Turkish Neurosurgical Society, May 2004, Antalya, Turkey.
2. [Details continue as listed in the original document]

Other Publications

1. Karatay M. Congenital Torticollis. TNDER Spinal and Peripheral Nerve Surgery Bulletin, 61: 11-12, October 2013.

