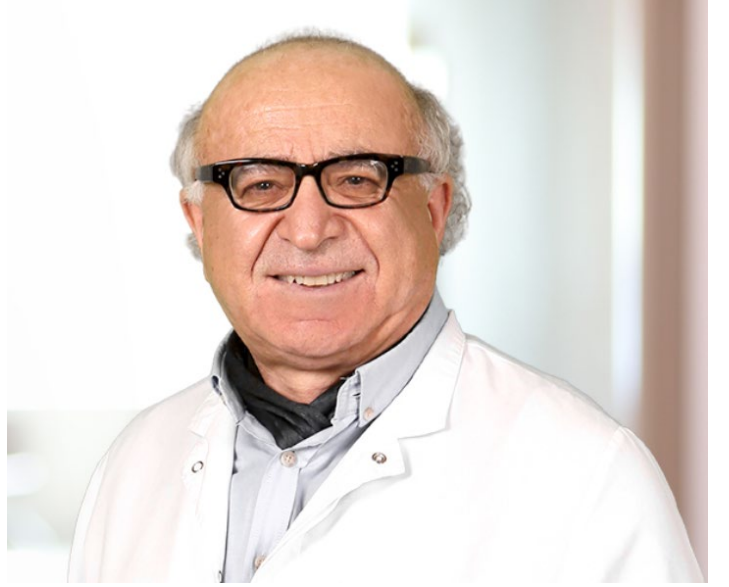


Prof. Gökhan Akdemir, MD

Neurosurgery Department

ISU Medical Park Gaziosmanpaşa Hospital



Education and Expertise

1988- Çukurova University Faculty of Medicine

1996- Numune Training and Research Hospital, Brain and Nerve Surgery Specialist

2010- Hacettepe University Institute of Health Sciences

Experience

2023 İsu Medical Park Gaziosmanpaşa

2022- 2023 Acıbadem Health Group Bakırköy Hospital

2020-2022 Türkiye Hospital

2019 – 2020 University Of California, San Francisco (UCSF), San Francisco, California, USA

2018 – 2019 Acıbadem Health Group International Hospital

2015 – 2018 Memorial Health Group Şişli Hospital

2014-2015 University Of California, San Francisco (UCSF), San Francisco, California, USA



2013-2013 University Of California, San Francisco (UCSF), San Francisco, California, USA

2011-2015 Selçuk University Faculty of Medicine, Head of the Department of Brain and Nerve Surgery, Professor

2006-2011 Mustafa Kemal University Faculty of Medicine, Head of Department of Brain and Nerve Surgery

2002-2006 Numune Training and Research Hospital, Deputy Chief of Brain and Nerve Surgery Clinic

2001-2002 Sadi Konuk Training and Research Hospital, Chief of Brain and Nerve Surgery

1999-2001 Numune Training and Research Hospital, Brain and Nerve Surgery Clinic Chief Assistant

1998-1999 Diyarbakır Military Hospital Brain and Nerve Surgery Clinic Specialist, Lieutenant

1996-1998 Numune Training and Research Hospital, Brain and Nerve Surgery Clinic Chief Assistant

Courses and Certificates

2012 Yeditepe University, Istanbul Microsurgery - Prof. Dr. Gazi Yaşargil

2002 University of Florida, Gainesville, FL, USA Skull Base and Microanatomy -Prof. Dr. Albert L. Rhoton Jr.

1997 Krankenhaus Nordst Adt, Hannover, Germany Skull Base and Peripheral Nerve Surgery - Prof. Dr. Madjid Samii

1995 University of Illinois A T Chicago, Chicago, IL, USA Neurovascular Surgery, Stereotaxic Surgery - Prof. Dr. James I. Ausman and Prof. Dr. Manuel Dujovny

1994 Hacettepe University, Faculty of Medicine, Ankara



Professional Memberships

2015 European Skull Base Association

2015 Turkish Skull Base Association

2013 Turkish Neuro-Oncology Association Founding Member, 2009 Congress Of Neurological Surgeons, USA

1998 Turkish Neurology Association

1997 Turkish Neuroscience Association

1996 Turkish Neurosurgery Association

1988 Turkish Medical Association

AREAS OF INTEREST

- Neuro-oncology
- Brain tumors
- skull base tumors
- Pituitary tumors
- Spinal cord tumors
- Spinal tumors
- Peripheral nerve tumors
- Epilepsy



PUBLICATIONS

1. Alex J. Smith, Gokhan Akdemir, Meetu Wadhwa, Dan Song, Alan S. Verkman. Application of fluorescent dextrans to the brain surface under constant pressure reveals AQP4-independent solute uptake. J Gen Physiol. 2021 Aug 2; 153(8): doi: 10.1085/jgp.202112898
2. Elmaci I, Altinoz MA, Akdemir G, Sari R, Baskan O, Ozpinar 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. Clin Neurol Neurosurg. 2021 Jan;200:106342. doi: 10.1016/j.clineuro.2020.106342
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4. Akdemir G, Kaymaz F, Gursöy-Özdemir Y, Akalan N, Akdemir ES. The time course changes in expression of aquaporin 4 and aquaporin 1 following global cerebral ischemic edema in rat. Surg Neurol Int. 2016 Jan 6;7:4. doi: 10.4103/2152-7806.173316.
5. Akdemir G, Ratelade J, Asavapanumas N, Verkman AS. Neuroprotective effect of aquaporin-4 deficiency in a mouse model of severe global cerebral ischemia produced by transient 4-vessel occlusion. Neurosci Lett. 2014 Jun 27;574:70-5. doi: 10.1016/j.neulet.2014.03.073. Epub 2014 Apr 6.
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of fluoroscopically- assisted pedicle screw placement: analysis of 1,218 screws in 198 patients. Spine J. 2014 Aug 1;14(8):1702-8. doi:

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Neurosurg. 2014 Jun;120(6):1465-70. doi: 10.3171/2014.2.JNS132002. 2014 Mar 28.

8. Gedik GK, Sari O, Köktekir E, Akdemir G. Fluorodeoxyglucose positron emission tomography computed tomography findings in a patient with cerebellar mutism after operation in posterior fossa. Asian J Surg.

2014 Mar 17. pii: S1015-9584(14)00021-9. doi: 10.1016/j.asjsur. 2014.01.004.

9. Koktekir E, Koktekir BE, Recber F, Akdemir G . Lung adenocarcinoma metastasis to frontal sinus mimicking Pott's puffy tumor. J Craniofac Surg. 2013 Nov;24(6):e538-9. doi: 10.1097/SCS.0b013e318285d98a.

10. Katada R, Akdemir G, Asavapanumas N, Ratelade J, Zhang H, Verkman AS. Greatly improved survival and neuroprotection in aquaporin-4-knockout mice following global cerebral ischemia. FASEB J. 2014 Feb;28(2):705-14. doi: 10.1096/fj.13-231274. Epub 2013 No1.

11. Kaptan H, Koktekir E, Recber F, Akdemir G. Obstructive hydrocephalus caused by giant basilar artery aneurysm. Neurosciences (Riyadh). 2013 Apr;18(2):173-5.

12. Koktekir E, Tatarli N, Ceylan D, Koktekir BE, Akdemir G. Symptomatic pneumorrhachis. J Neural Surg A Cent Eur Neurosurg. 2014 Mar;75(2):140-5. doi: 10.1055/s-0032-1333123. Epub 2013 Feb 20. Review.

13. Berker D, Isik S, Aydin Y, Tutuncu Y, Akdemir G, Ozcan HN, Guler S. Thyrotropin secreting pituitary adenoma accompanying a silent somatotropinoma. Turk Neurosurg. 2011;21(3):403-7. doi: 10.5137/1019-5149.JTN.2642-09.2.

14. Akdemir G. Thoracic and lumbar intraforaminal ligaments. J Neurosurg Spine. 2010 Sep;13(3):351-5. doi: 10.3171/2010.3.SPINE09799.



15.Okay O, Daglioglu E, Akdemir G, Dalgic A, Uckun O, Atasoy S, Belen D. Lateral orbitotomy approach to orbital tumors: report of 10 cases. Turk Neurosurg. 2010 Apr; 20(2): 167-72. doi: 10.5137/1019-5149.JTN.2620-09.2.

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