

Prof. Dr. Mehmet Caglar Berk, M.D.

Full List of Publications:

- 1- History of immunology. Berk MC Bulletin of Physiology, Hacettepe University School of Medicine 1991, 3:68-74 (Turkish)
- 2- Pediatric intraspinal tumors. Dincer C, Berk C, Baskaya MK, Gokalp HZ, Arasil E Turkish Journal of Spinal Surgery 1993, 4:68-74
- 3- Ampicillin-sulbactam combination prophylaxis in rhinorhea. Berk C, Çağlar S, Selçuki M, Arasil E Turkish Journal of Chemotherapy 1994, 8:124 (Turkish)
- 4- Management of myelomeningocele. Dincer C, Unlu A, Berk C, Temiz C Turkish Journal of Neurosurgery 1993, 6:59 (Turkish)
- 5- The causes and prevention of failed back surgery syndrome. Egemen N, Çağlar S, Berk C Turkish Journal of Neurosurgery 1994, 7:43 (Turkish)
- [6- Giant cholesterol cyst of the petrous bone: a case report. Gökalp HZ, Deda H, Baskaya MK, Berk MC Neurosurg Rev 1995, 18:205-208](#)
- 7- The Webino syndrome: a case report. Selçuki D, Temiz C, Akarsan Y, Yüçemen N, Berk C Journal of Cerebrovascular Disorders 1995, 1:36 (Turkish)
- 8- Treatment of CSF fistulae. Berk C, Çağlar S, Selçuki M, Deda H, Arasil E, Avci E Turkish Journal of Neurosurgery 1995, 8:37 (Turkish)
- 9- Surgical treatment alternatives for craniofacial pain. Kanpolat Y, Savas A, Çağlar S, Aydın V, Berk C Turkish Journal of Neurosurgery 1996, 9:3 (Turkish)
- 10- Shunts for the treatment of hydrocephalus. Selçuki M, Dinçer C, Ünlü A, Berk C Turkish Journal of Neurosurgery 1996, 9:89 (Turkish)
- 11- Combined surgical treatment for lumbar disc herniation and spondylolysthesis. Çağlar S, Berk C, Arasil E, Erdemir B, Çetin I Turkish Journal of Neurosurgery 1996, 9:337 (Turkish)
- 12- Surgical management of craniofacial pain. Kanpolat Y, Savas A, Berk C Streetact Funct Neurosurg 1996-1997, 67:56-57
- 13- Pre-operative neuroradiological evaluation in lumbar disc disease. Berk C, Colpan E, Caglar S, Erdogan E Turkish Journal of Neurosurgery 1997, 10:1 (Turkish)
- 14- Anterior cervical stabilization with the Spine-tech cervi-lock system. Çağlar S, Berk C, Batay F, Asir A, Erdogan A, Arasil E Turkish Journal of Neurosurgery 1997, 10:50 (Turkish)
- 15- MRI findings in the acute phase after cervical trauma. Çiftçi E, Erden I, Kosucu P, Akyar S, Berk C, Arasil E Turkish Journal of Diagnostic and Interventional Radiology 1997, 3:109 (Turkish)
- 16- The assesment of cerebrovascular reactivitiy with brain perfusion SPECT for patients with aneurysmal subarachnoid hemorrhage (abstract). Berk F, Berk C, Egemen N, Aras G, Akin A The American Association of Neurological Surgeons Scientific Programme 1997, 21p

- 17- Single day protocol for the evaluation of cerebral perfusion reserve with Tc-99m ECD and Acetazolamide brain SPECT in subarachnoid hemorrhage. Berk F, Berk C, Kir KM, Egemen N, Aras G, Akin A Turkish Journal of Nuclear Medicine 1997, 6:71 (Turkish)
- 18- Outcome prediction after subarachnoid hemorrhage with acetazolamide activated SPECT. Berk F, Berk C, Kir KM, Egemen N, Aras G Eur J Nucl Med 1998, 25:1061
- 19- Percutaneous selective obturator and posterior tibial radiofrequency neurotomy for the treatment of spasticity. Kanpolat Y, Savas A, Berk C, Bademci G Turkish Journal of Physical Therapy and Rehabilitation 1998 1:47-50 (Turkish)
- 20- Anterior cervical stabilization with the spine-tech system. Caglar S, Attar A, Berk C, Colpan E, Egemen N Journal of Ankara Medical School 1998, 2:37-40 (Turkish)
- 21- New radiological definitions for the pre-operative evaluation in lumbar disc disease. Berk C, Colpan E, Bademci G, Erdogan A Journal of Ankara Medical School 1998, 2:95-99 (Turkish)
- [22- MR imaging in primary intraspinal extradural hydatid disease: case report. Berk C, Çiftçi E, Erdogan A Neuroradiology 1998, 40:390-392](#)
- [23- Stereotactically-guided craniotomy for a cavernous hemangioma: Technical note. Savas A, Egemen N, Berk C Turkish Neurosurg 1998, 8:110-113](#)
- [24- Radiofrequency rhizotomy in the management of patients with trigeminal neuralgia due to multiple sclerosis. Kanpolat Y, Savas A, Berk C Acta Neurochir \(Wien\) 1998, 140:852](#)
- [25- A new method for reconstruction of cranial bony defects: Technical note with illustrative case. Berk C, Bademci G, Arasil E Journal of Ankara Medical School 1999, 21:113-115](#)
- 26- The repair of large myelomeningocele defects with bipediced fasciocutaneous flaps. Erçöçen AR, Can Z, Berk C, Özgencil E, Yormuk E Journal of Cumhuriyet University School of Medicine 1999, 21:93-99
- [27- Abducens nerve palsy after radiofrequency rhizolysis for trigeminal neuralgia: case report. Kanpolat Y, Berk C, Savas A Neurosurgery 1999, 44:1364](#)
- 28- Tuberculosis of the skull in a patient on maintainance haemodialysis. Nergizoglu G, Duman N, Erturk S, Keven K, Ates K, Akar H, Bademci G, Berk C, Erekul S, Erbay B, Karatan O, Ertug E. Nephrol Dial Transplant 1999, 14(8):2019-2021
- [29- Percutaneous controlled radiofrequency rhizotomy in the management of patients with trigeminal neuralgia due to multiple sclerosis. Kanpolat Y, Berk C, Savas A, Bekar A Acta Neurochir \(Wien\) 2000, 142:685-690](#)
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- [32- A calcifying fibroma of the meninges: Report of a case and review of the literature. Ceyhan K, Berk C, Caglar S, Surucu S Pathol Res Pract 2000, 196: 747-752](#)
- 33- The use of high density polyethylene implants for craniectomy repair in posterior fossa surgery. Berk C, Savas A, Kanpolat Y Journal of Neurological Sciences (On-line, www.med.ege.edu.tr/norolbil) 2000, 17(3): #35
- [34- Bilateral trigeminal neuralgia: a therapeutic dilemma. Berk C Br J Neurosurg 2001, 15: 198-198](#)

[35- Tuberculosis and the skull. Berk C J Neurosurg 2001, 94: 146-147](#)

[36- Microvascular decompression for trigeminal neuralgia in patients over 65 years of age. Berk C, Honey CR Br J Neurosurg 2001, 15: 76-76](#)

[37- Percutaneous controlled radiofrequency trigeminal rhizotomy for the treatment of idiopathic trigeminal neuralgia: 25-year experience with 1600 patients. Kanpolat Y, Savas A, Bekar A, Berk C Neurosurgery 2001, 48: 524-534](#)

38- A review of current surgical options for the treatment of Parkinson's disease with special emphasis on deep brain stimulation. Berk C Turkish Neurosurg 2001, 11: 1-8

39- Deep brain stimulation for movement disorders. A brief review. Berk C Journal of Neurological Sciences (On-line, www.med.ege.edu.tr/norolbil) 2001, 18(2): #26

40- Essential tremor: A common movement disorder and emerging new alternatives in surgical treatment. Berk C Journal of Neurological Sciences (On-line, www.med.ege.edu.tr/norolbil) 2001, 18(3): #35

41- Multidimensional outcome following dominant thalamotomy in patients with Parkinson's disease and essential tremor. Martzke JS, Sinden M, Carr JAR, Honey CR, Berk C Mov Disord 2001, 16 (Suppl 1): S39-S40

42- Neuropsychiatric outcome from posteroventral pallidotomy: A waitlist control group study. Carr JAR, Sinden M, Honey CR, Berk C, Martzke JS Mov Disord 2001, 16 (Suppl 1): S21-S22

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44- The microsurgical anatomy of the recurrent laryngeal nerve. Berk C, Honey CR Abstract book, CNS 51st Annual Meeting, San Diego, CA, 2001, #539

45- Failed deep brain stimulation: a case report with postmortem correlation. Mackenzie IR, Berk C, Honey CR Parkinsonism and Related Disorders 2001, 7 (Suppl 1): S81-S82 Abstract book, XIV International Congress on Parkinson's Disease, Helsinki, Finland, 2001

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[47- Bilateral thalamic deep brain stimulation for the treatment of head tremor: Report of two cases. Berk C, Honey CR J Neurosurg 2002, 96: 615-618](#)

48- A metaanalysis comparing the results of pallidotomy performed using microelectrode recording or macroelectrode stimulation. Palur RS, Berk C, Schultzer M, Honey CR J Neurosurg 2002, 96: 1058-1062

[49- Percutaneous biopsy through foramen ovale: Case report. Berk C, Honey CR Stereotact Funct Neurosurg 2002, 78\(1\): 49-52](#)

[50- Thalamic deep brain stimulation for the treatment of tremor due to multiple sclerosis: a prospective study of tremor and quality of life. Berk C, Carr J, Sinden M, Martzke J, Honey CR J Neurosurg 2002, 97\(4\): 815-820](#)

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[55- Regulation of aquaporin-4 in a traumatic brain injury model in rats. Sun MC, Honey CR, Berk C, Wong NLM, Tsui JKC J Neurosurg 2003, 98: 565-569](#)

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57- Unusual indications for spinal cord stimulation. Berk C, Beauprie I, Brownstone R Can J Neurol Sci 2003, 30 (Suppl.2): S58 Abstract Book, 38th meeting of the Canadian Congress of Neurological Sciences

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61- Cholesterol granulomas of the petrous apex. Berk C Acta Neurochir (Wien) 2004, 146:89

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