

**PROF. DR.**  
**AHMET ÇOLAK****NEUROSURGERY**

- ◆ Brain Tumor Surgery
- ◆ Orbital Tumor
- ◆ Spinal Cord Tumor
- ◆ Pediatric Brain Surgery
- ◆ Herniated Disc
- ◆ Neck hernia

**LOCATION** Hisar Intercontinental Hospital**LANGUAGES** English**MAIL** ahmet.colak@hisarhospital.com**PLACE OF BIRTH,** Turkey,**PRESENT**

- ◆ Hisar Intercontinental Hospital

**EXPERIENCE**

- ◆ Prof. Dr. Ahmet ÇOLAK completed his specialization in Brain and Neurosurgery at the GATA Haydarpaşa Training Hospital in 1994.
- ◆ He has extensive experience in adult brain and spinal cord tumors, brain hemorrhages, hydrocephalus surgery, spinal pathologies, lumbar and cervical disc surgeries, as well as pediatric anomalies and pediatric tumor cases.
- ◆ In 1994-1995, he gained significant expertise in Brain Surgery for gunshot injuries at Diyarbakır Military Hospital.
- ◆ In 1996-1997, he worked as a Visiting Professor at the University of Pittsburgh Hospital and Children's Hospital in the USA, participating in research and training.
- ◆ During his service at GATA Haydarpaşa Training Hospital, he performed over 1000 brain and spinal cord tumor surgeries, more than 2500 cervical disc surgeries, and over 4000 lumbar disc surgeries.
- ◆ He has also conducted various pediatric surgeries.

## EDUCATION

- ◆ GATA Medical School
- ◆ GATA Haydarpaşa Training and Research Hospital
- ◆ Diyarbakır Military Hospital
- ◆ University of Pittsburgh Hospital and Children's Hospital of Pittsburgh
- ◆ Medical Park Elazığ Hospital

## SCIENTIFIC PUBLICATIONS

- ◆ Çolak A, Albright AL, Pollack IF: Follow-up of children with shunted hydrocephalus. *Pediatric Neurosurgery* 27(4): 208-210, 1997
- Adelson PD, Nemoto E, Çolak A, Painter M: The use of near infrared spectroscopy (NIRS) in children after traumatic brain injury: a preliminary report. *Acta Neurochirurgica Supplement (Wien)* ; 71: 250-254, 1998
- Pollack IF, Çolak A, Fitz C, Wiener E, Moreland M, Mulvihill JJ: Surgical management of spinal cord compression from plexiform neurofibromas in patients with Neurofibromatosis 1. *Neurosurgery*, 43(2): 248-255; discussion 255-256, 1998
- Çolak A, Pollack IF, Albright AL: Recurrent tethering: A common long-term problem after lipomyelomeningocele repair. *Pediatric Neurosurgery* 29: 184-190, 1998.
- Çolak A, Kutlay M, Demircan MN, Seçer Hİ, Kıbıcı K, Başekim Ç: MR Imaging for early complications of transpedicular screw fixation. *European Spine Journal* 8: 151-155, 1999.
- Çolak A, Kutlay M, Kıbıcı K, Demircan MN, Akın ON: Two-staged operation on C2 neoplastic lesions: anterior excision and posterior stabilization. *Neurosurgical Review* ;27(3):189-193, 2004.
- Boran BO, Çolak A, Kutlay M: Erythropoietin enhances neurological recovery after experimental spinal cord injury. *Restorative Neurology and Neuroscience*; 23(5-6):341-345, 2005.
- Çolak A, Boran BO, Kutlay M, Demircan N: A modified technique for syringo-subarachnoid shunt for treatment of syringomyelia. *Journal of Clinical Neuroscience*; 12(6):677-679, 2006.
- Demircan MN, Kutlay M, Çolak A, Kaya S, Tekin T, Kıbıcı K, Üngören K: Multilevel cervical fusion without the need of plates, screws and autogenous iliac crest bone graft. *Journal of Clinical Neuroscience* Aug;14(8):723-728. Epub 2007 May 31.
- Çolak A, Kutlay M, Pekkafulı Z, Saraçođlu M, Demircan N, Şimşek H, Akın ON, Kıbıcı K: The use of sonography in carpal tunnel syndrome surgery. A prospective study. *Neurologia Medico-Chirurgica (Tokyo)* 47: 109-116, 2007.
- Çolak A, Topuz K, Kutlay M, Kaya S, Şimşek H, Çetinkal A, Demircan MN: A less invasive approach in the lumbar lateral recess stenosis: direct approach to the medial wall of the pedicle. *European Spine Journal*. 17: 1745-1751, 2008
- Öztürk E, Sönmez G, Çolak A, Sıldırođlu HO, Mutlu H, Şenol MG, Başekim CC, Kızılkaya E: Sonographic appearances of the normal ulnar nerve in the cubital tunnel. *Journal of Clinical Ultrasound*, 36(6):325-329, 2008
- Topuz K, Çolak A, Kaya S, Şimşek H, Kutlay M, Demircan MN, Veliođlu M: Two-level contiguous cervical disc disease treated with peek cages packed with demineralized bone matrix: results of three year follow-up. *European Spine Journal*, 2009 Feb;18(2):238-243. Epub 2009 Jan 8.
- Öztürk E, Sönmez G, Çolak A, Sıldırođlu HO, Mutlu H, Şenol MG, Başekim

CÇ,Kızılkaya E.: Sonographic appearances of the normal ulnar nerve in the cubital tunnel. *J Clin Ultrasound*. 2008 Jul-Aug;36(6):325-329.

Tekin T, Bayraklı F, Şimşek H, Çolak A, Kutlay M, Demircan MN.: Lumbar epidural capillary hemangioma presenting as lumbar disc herniation disease: case report. *Spine*. 2008 Oct 1;33(21):E795-E797.

Çetinkal A, Güven G, Topuz AK, Çolak A, Demircan MN, Haholu A.:Lumbar spinal chondroma presenting with radiculopathy: case report. *Turk Neurosurg*. 2008 Oct;18(4):397-399.

Çetinkal A, Atabey C, Kaya S, Çolak A, Topuz AK.: Intraosseous schwannoma of thoracic 12 vertebra without spinal canal involvement. *Eur Spine J*. 2009 Jul;18 Suppl 2:236-9

Şimşek H, Çolak A: Answer to the Letter to the Editor of Prof. H.V. Crock concerning "A less invasive surgical approach in the lumbar lateral recess stenosis: direct approach to the medial wall of the pedicle" (Colak A et al (2008) *Eur Spine J* 17:1745–1751). *Eur Spine J* 2009;18:919.

Şimşek H, Çolak, A., Kaya, S., Kutlay, A.M., Çetinkal, A., Haholu, A., Demircan, M.N. . The Effects Of Diesel Exhaust Particles On Neural Tube Development in The Early Stage Chicken Embryo. *Turk Neurosurg* 2012;22:77-82.

Kutlay M, Topuz K, Colak A, Simsek H, Cetinkal A, Demircan MN. Management of disc herniations with bi-radicular symptoms via combined lateral and interlaminar approach. *Neurosurg Rev* 2010;33:97-105.

Cetinkal A, Colak, A., Topuz, K., Demircan, M. N., Simsek, H., Berber, U., Umur, A. S., Selcuki, M., Vatansever, H. S. The effects of meloxicam on neural tube development in the early stage of chick embryos. *Turk Neurosurg* 2010;20:111-6.

Güngör A, Cıncık H, Çolak A, Poyrazoğlu E; Fibrous dysplasia involving the temporal bone: Report of four cases. *The Internet Journal of Otorhinolaryngology TM* 2 (1): 2003.

Kaya S, Çolak A, Kutlay M, Güngör A: Lymphangioma of clivus: Case Report. *Neurosurgery*; 60(4): E779, 2007.

Kutlay M, Çolak A, Demircan N, Akın O: Distal-end aneurysm of the frontopolar artery with an atypical postoperative complication: case report. *Military Medicine* ; 171(2):103-106, 2006.

Toğrol E, Çolak A, Kutlay M, SaraçoğluM, Akyatan N, Akın ON: Bilateral peroneal nerve palsy. Clinical and electrophysiological implications. *Military Medicine*. 165 (3): 240-242, 2000.

Şimşek H, Zorlu E, Kaya S, Baydoğan M, Atabey C, Çolak A.: A new multipartite plate system for anterior cervical spine surgery; finite element analysis. *Br J Neurosurg*. 2018 Jun;32(3):276-282.

Demir MK, Çolak A, Ekşi MŞ, Özcan-Ekşi EE, Akakın A, Yılmaz B.: Atretic cephaloceles: a comprehensive analysis of historical cohort. *Childs Nerv Syst*. 2016 Dec;32(12):2327-2337.

Şimşek H, Çolak A. : Answer to the Letter to the Editor of Hue Zhang concerning "A less invasive surgical approach in the lumbar lateral recess stenosis: direct approach to the medial wall of the pedicle" by A. Colak et al. (2008) *Eur Spine J*; 17:1745-1751. *Eur Spine J*. 2015 Jun;24(6):1324-5

Topuz K, Eroğlu A, Şimsek H, Atabey C, Çetinkal A, Çolak A.: Demographical Aspects of Central Large Lumbar Disc Herniation. *Turk Neurosurg*. 2016;26(1):111-8.

Çolak A, Şimsek H, Kaya S.: Further modified Taylor retractor for spinal surgery. *Turk Neurosurg*. 2013;23(5):590-2.

Atabey C, Göçmen S, Şimsek H, Zorlu E, Demircan MN, Çolak A, Dinç C.: Surgical

results of degenerative spondylolisthesis patients over 70 years old: A single-center experience and clinical outcomes. Turk Neurosurg. 2012;22(5):534-9..

Kutlay M, Çolak A, Akın ON, Demircan N, Kıbcı K, Topuz K, Başekim Ç, Demirel D: Periferik sinirlerin schwannomları. Türk Nöroşirürji Dergisi. 9: 45-52, 1999.

Çolak A, Kutlay M, Tosyalı L, Demircan MN: Three level cervical discectomy and fusion without internal fixation. Turkish Neurosurgery 10: 126-130, 2000.

Çetinkal A, Çolak A, Aşır A, Kutlay M, Demircan MN, Şimşek H, Güven G: Erişkinlerde Triventriküler Hidrosefali ve Üçüncü Ventrikülostomi. Türk Nöroşirürji Dergisi. 17(3): 149-154, 2007

Çetinkal A, Kutlay M, Çolak A, Şimşek H, Aşır A, Topuz K, Demircan MN: Vizüel semptomlar ve proptosis ile prezente orbital yayılım gösteren etmoidal osteom: olgu sunumu. Türk Nöroşirürji Dergisi. 18(1):1-4, 2008

Çolak A, Altunay H, Kutlay M, Güngör A, Demircan MN: Üst servikal omurganın tüberküloz abseleri. Turkish Society of Clinical Microbiology and Infectious Diseases (KLİMİK) 11 (1); 19–21, 1998.

Çolak A, Kutlay M, Başekim Ç, Demircan MN, Akın ON: Yetişkinlerde bregma yerleşimli dermoid kistler. Psikiyatri ve Nörolojik Bilimler Dergisi. (Düşünen Adam) 12(3): 62-64, 1999

Alkan K, Barut Ş, Çolak A, Yayla O, Kutlay M: Tethered kord sendromu. GATA Bülteni 35: 1079-1082, 1993.

Çolak A, Kutlay M, Başekim Ç, Demircan MN, Akın ON: Dev kalvaryal osteomlar. Olgu sunumu. Bilgisayarlı Tomografi Bülteni. 5(3): 168-170, 1999

Çolak A, Kutlay M, Başekim Ç, Demircan MN, Bahar A: Cloverleaf skull deformity. Marmara Medical Journal. 12(3): 138-141, 1999.

Çolak A, Kutlay M, Başekim Ç, Kıbcı K, Demircan MN: Corpus callosum lipomas in association with frontal subcutaneous lipomas. Gülhane Tıp Dergisi. 42(1): 85-88, 2000.