

## Prof. Tufan Hiçdönmez, MD

### Neurosurgery Pediatric Neurosurgery

#### Medical Interests

- Surgery of Newborn, Congenital Malformations
- Craniosynostosis
- Spina bifida, Tethered cord
- Brain Tumors (children/adult)
- Hydrocephalus (children/adult)

#### Education

- Education
- Ege University, İzmir, Turkey
- Istanbul University, Istanbul, Turkey
- Marmara University, Istanbul, Turkey
- University of British Columbia, Vancouver, BC, Canada

#### Experience

- Istanbul Faculty of Medicine, Department of Neurosurgery (Residency) 1987-1993
- Marmara University, Division of Pediatric Neurosurgery (Clinical Fellowship) 1995-1999
- Trakya University Department of Neurosurgery (Attending Neurosurgeon) 1999-2010
- British Columbia's Children's Hospital (Clinical Fellowship) 2002-2003
- Istanbul Kartal Dr Lütfi Kırdar Training Hospital (Chief, Attending Neurosurgeon) 2010-2021
- Liv Hospital Vadi Istanbul (Attending Neurosurgeon) 2021-

#### Memberships

- Turkish Neurosurgical Society
- Pediatric Neurosurgical Group, Turkish Neurosurgical Society
- International Society for Pediatric Neurosurgery



**H-Index : 20**

**Languages:**  
**English**  
**French**



## Publications

- Zileli M, Idiman F, Hicdonmez T, Ovul İ, Tuncbay E: A comparative study of brain stem auditory evoked potentials and blink reflexes in posterior fossa tumor patients. *Journal of Neurosurgery* 69: 660-668, 1988
- Gokay H, Barlas O, Hepgul K, Hicdonmez T: Tethered cord in the adult mimicking the lumbar disc syndrome. Report of two cases. *Surgical Neurology* 39: 440-442, 1993
- Ture U, Hicdonmez T, Elmaci I, Peker S: Solid-calcified cyst of the third ventricle. *Clinical Neurology and Neurosurgery* 103( 1 ): 51-55, 2001
- Ture U, Hicdonmez T, Elmaci I, Peker S: Giant pericallosal artery aneurysm: case report and review of the literature. *Neurosurgical Review* 24( 2/3 ): 151-155, 2001
- change mimicking structural lesion. *Clinical Neurology and Neurosurgery* 105: 288-290, 2003
- Tutunculer F, Acunas B, Hicdonmez T, Deviren A, Pelitli V: Wolf-Hirschhorn syndrome with posterior intraorbital coloboma cyst: an unusual case. *Brain and Development* 26: 203-205, 2004
- Hicdonmez T, Steinbok P: Spontaneous hemorrhage into spinal neurenteric cyst: case report. *Child's Nervous System* 20(6): 438-442, 2004
- Steinbok P, Heran N, Hicdonmez T, Cochrane DD, Price A: Minimizing blood transfusions in the surgical correction of coronal and metopic craniosynostosis. *Child's Nervous System* 20(7): 445-452, 2004
- Steinbok P, Hicdonmez T, Sawatzky B, Beauchamp R, Wickenheiser D: Spinal deformities after selective dorsal rhizotomy for spastic cerebral palsy. *Journal of Neurosurgery: Pediatrics*, 102: 363-373, 2005
- Kilincer C, Asil T, Utku U, Hamamcioglu MK, Turgut N, Hicdonmez T, Simsek O, Ekuklu G, Cobanoglu S: Factors affecting the outcome of decompressive craniotomy for large hemispheric infarctions: a prospective cohort study. *Acta Neurochirurgica (Wien)* 147: 587-594, 2005
- Hicdonmez T, Steinbok P, Beauchamp R, Sawatzky B: Hip joint subluxation after selective dorsal rhizotomy for spastic cerebral palsy. *Journal of Neurosurgery: Pediatrics*, 103: 10-16, 2005
- Kilincer C, Hamamcioglu MK, Simsek O, Hicdonmez T, Aydoslu B, Tansel O, Tiryaki M, Soy M, Tatman-Otkun M, Cobanoglu S: Nocardia brain abscess: report of two cases and review of clinical management. *Journal of Clinical Neurosciences* 13: 481-485, 2006
- Hamamcioglu MK, Hicdonmez T, Kilincer C, Cobanoglu S: Large intradiploic growing skull fracture of the posterior fossa: case report. *Pediatric Radiology* 36(1): 68-70, 2006
- Hicdonmez T, Hamamcioglu MK, Parsak T, Cukur Z, Cobanoglu S: A laboratory training model for interhemispheric - transcallosal approach to the lateral ventricle. *Neurosurgical Review* 29: 159-162, 2006
- Hicdonmez T, Ozek MM: Hydrocephalus in Sabuncuoglu's Textbook of Surgery: *Cerrahiyyet'ul Haniye*. *Child's Nervous System* 22: 545-546, 2006
- Hicdonmez T, Kilincer C, Hamamcioglu MK, Cobanoglu S: Paraplegia due to spinal subdural hematoma as a complication of posterior fossa surgery: case report and review of the literature. *Clinical Neurology and Neurosurgery* 108: 590-594, 2006
- Hicdonmez T, Hamamcioglu MK, Tiryaki M, Cukur Z, Cobanoglu S: Microneurosurgical training model in fresh cadaveric cow brain: A laboratory study simulating the approach to the circle of Willis. *Surgical Neurology* 66: 100-104, 2006

- Hicdonmez T, Parsak T, Cobanoglu S: Simulation of Craniofacial Surgery for craniosynostosis: A Training Model of a Fresh Cadaveric Sheep Cranium. *Journal of Neurosurgery: Pediatrics* 105: 150152, 2006
- Hicdonmez T, Cakir B, Hamamcioglu MK, Kilincer C, Cobanoglu S: Giant Subdural Empyema in a Child: A Case Report. *Surgical Neurology* 66: 632-633, 2006
- Hamamcioglu MK, Kilincer C, Hicdonmez T, Simsek O, Birgili B, Cobanoglu S: Giant cervicothoracic extradural arachnoid cyst: Case report. *European Spine Journal* 17: 595-598, 2006
- Hamamcioglu MK, Kilincer C, Altunrende, Hicdonmez T, Simsek O, Akyel S, Cobanoglu S: Factors affecting the incidence and severity of vasospasm after subarachnoid haemorrhage. *Acta Neurochirurgica (suppl)*104: 389-392, 2008
- Hamamcioglu MK, Hicdonmez T, Kilincer C, Cobanoglu S: Intracranial extradural arachnoid cyst. Three cases reports. *Neurologia Medico-Chirurgica* 48: 223-226, 2008
- Hamamcioglu MK, Hicdonmez T, Tiryaki M, Cobanoglu S: A laboratory training model in fresh cadaveric sheep brain for microneurosurgical dissection of cranial nerves in posterior fossa. *British Journal of Neurosurgery* 22(6): 769-771, 2008
- Güzel A, Hiçdönmez T, Temizöz O, Aksu B, Aylanç H, Karasalioglu S: Indications for brain computed tomography and hospital admission in pediatric patients with minor head injury. How much can we rely on clinical findings? *Pediatric Neurosurgery* 45(4): 262-270, 2009
- Güzel A, Karasalioglu S, Aylanç H, Temizöz O, Hiçdönmez T: Validity of serum tau protein levels in pediatric patients with minor head trauma. *American Journal of Emergency Medicine* 28(4): 399-403, 2010
- Hicdonmez T, Suslu HT, Yavuzer D, Tatarli N: Paediatric ganglioglioma of the conus medullaris. *Journal of Clinical Neuroscience* 18: 1124-1126, 2011
- Hicdonmez T, Turan Suslu H, Butuc R, Bilal S, Akinci AT: Treatment of a large and symptomatic septum pellucidum cyst with endoscopic fenestration in a child: Case report and review of the literature. *Clinical Neurology and Neurosurgery* 114 (7): 1052-1056, 2012
- Turan Suslu H, Ceylan D, Tatarli N, Hicdonmez T, Seker A, Bayri Y, Kilic T: Laboratory training in the retrosigmoid approach using cadaveric silicone injected cow brain. *British Journal of Neurosurgery* 27(6): 812-814, 2013
- Altunrende ME, Hamamcioglu MK, Hicdonmez T, Akcakaya MO, Birgili B, Cobanoglu S: Microneurosurgical training model for residents to approach to the orbit and the optic nerve in fresh cadaveric sheep cranium. *Journal of Neuroscience in Rural Practice*5(2):151-154, 2014
- Yener S, Thomas DT, Hicdonmez T, Dacinar A, Bayri Y, Kaynak A, Dagli TE, Tugtepe H: The effect of untethering on urologic symptoms and urodynamic parameters in children with tethered cord syndrome. *Urology* 85: 221-226, 2015.
- Hicdonmez T: Children with Metopic Ridge. *Turkish Neurosurgery* 27(4): 585-589, 20017
- Hicdonmez T, Taylan-Filinte G, Tiryaki M, Gergin YE: Stepwise removal of the fused midline parietal bone to avoid superior sagittal Guclu B, sinus injury in infants with sagittal synostosis. *Turkish Neurosurgery* 27(6): 1029-1031, 2017
- Adilay U, Guclu B, Tiryaki M, Hicdonmez T: Spontaneous resolution of a sylvian arachnoid cyst in a child: a case report. *Pediatr Neurosurg* 52(5): 343-345, 2017
- Aydoğmuş E, Hicdonmez T: Spontaneous intracystic hemorrhage of an arachnoid cyst associated with a subacute subdural hematoma: a case report and literature review. *Turkish Neurosurgery* 29(6):940-944, 2019
- Guclu B, Hicdonmez T, Adilay U, Altuntas YE: Successful application of a ventriculo-gallbladder shunt: a salvage procedure. *Turkish Neurosurgery* 30(1): 138-140, 2020