

**EMRAH CELTIKCI MD**  
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**BIRTH PLACE & DATE**

Balikesir, TURKEY – 1984

**LANGUAGES**

Turkish – Native Language  
English – Fluent, Advanced  
German – A3

**EDUCATION & WORK EXPERIENCE**

2003 – 2009

**Ankara Gazi University Faculty of Medicine**  
Medical Student

November 2009 – May 2015

**Gazi University Faculty of Medicine Dept. of Neurosurgery, Ankara, TURKEY**  
(Training Center was accredited by JRAAC and received a certification by the UEMS and EANS as a Center of Excellence in Neurosurgical Training)  
Neurosurgery Resident

***Residency Programme:***

*6 Months Neuro – Neurosurgery ICU*  
*6 Months Inpatient Clinic*  
*6 Months Outpatient Clinic*  
*6 Months Leksell Gamma Knife Plan 4C*  
*2 Months Leksell Gamma Knife Perfexion*  
*6 Months Pediatric Neurosurgery*  
*10 Months Assisting Surgeon*  
*1 Year Main Surgeon under Supervision*  
*1 Year Chief Resident*

May 2015 – August 2015

**Gazi University Faculty of Medicine Dept. of Neurosurgery, Ankara, TURKEY**  
Neurosurgeon

August 2015 – May 2016

**Yildirim Beyazit University, Yenimahalle Research and Education Hospital, Dept. of Neurosurgery, Ankara, TURKEY**  
Neurosurgeon

April 2016 – March 2017

**University of Pittsburgh Medical Center Department of Neurosurgery, Pittsburgh, PA, USA**  
Research Fellow in Surgical Neuroanatomy Lab and Clinical Observer

January 2016 - present

**Reviewer, World Neurosurgery**

January 2017 - present

**Reviewer, Turkish Neurosurgery**

May 2017 – present

**Associate Editor, Turkish Neurosurgery**

#### **COURSES, CONFERENCES & SHORT TERM OBSERVERSHIPS**

22 – 30 November 2010

**8th Laboratory Animal Practice & Ethics Course, Ankara, TURKEY**

21 – 23 February 2011

**Basic Neurosurgery Skills Course, Coventry, UNITED KINGDOM**

2 – 4 August 2011

**Microsurgical Approaches to the Skull Base, Hands on Cadaver Course, Zurich, SWITZERLAND**

15 – 19 August 2011

**Laboratory of Microsurgery, Department of Neurosurgery, University Hospital Zurich, Microsurgery Course, Zurich, SWITZERLAND**

24 – 28 August 2011

**19th Zurich Course on Interventional Neuroradiology, Zurich, SWITZERLAND**

1 – 31 August 2011

**Observership, University Hospital Zurich, Department of Neurosurgery, Zurich, SWITZERLAND**

26 – 30 August 2012

**European Training Course in Neurosurgery on Spine and Peripheral Nerves, Leeds, UNITED KINGDOM**

29 – 31 March 2013

**Microvascular Decompression, Spinal and Peripheral Nerve Stimulation Surgical Anatomy Cadaver Hands on Course, Denizli, TURKEY**

5 – 7 May 2014

**NORAS OR Head Holder & Head Coil Application Training for Intraoperative MRI, Ankara, TURKEY**

9 – 10 September 2014

**2nd Master Course for Chinese Pediatric Neurosurgeons, Beijing, CHINA**

12<sup>th</sup> September 2014

**Interventional Radiology Hands-On Workshop, Xi'an, CHINA**

14<sup>th</sup> September 2014

**2nd International Congress on Minimally Invasive Technique in Neurosurgery, Xi'an, CHINA**

20 August – 18 September 2014

**Seminar on Minimal Invasive Neurosurgical Technology and Management for Countries in Asia and Europe, International Neuroscience Institute Capital Medical University Xuanwu Hospital, Beijing, CHINA**

17<sup>th</sup> January 2015

**3D Microanatomy and Surgery of White Matter Tracts for Intrinsic Brain Lesions, Ankara, TURKEY**

11 – 12 November 2015

**VI. International Workshop on Neurosurgical Endoscopy, Istanbul, TURKEY**

15 – 19 February 2016

**Stem Cell & Molecular Techniques Hands on Course, Ankara TURKEY**

13 – 16 April 2016

**Endoscopic Endonasal Surgery of the Cranial Base Course and Pituitary Fossa Course, Pittsburgh, PA, USA**

22 – 24 June 2016

**Innovations in Endoscopic Intracranial Surgery Course, Pittsburgh, PA, USA**

11 – 15 July 2016

**Principles and Practice of Gamma Knife Radiosurgery Perfexion Training, Pittsburgh, PA, USA**

18 – 20 August 2016

**Advanced Endoscopic Endonasal Surgery of the Skull Base Course, Pittsburgh, PA, USA**

7 – 10 December 2016

**Comprehensive Endoscopic Endonasal Surgery of the Skull Base Course, Pittsburgh, PA, USA**

29 March – 2 April 2017

**31<sup>st</sup> Annual Congress of Turkish Neurosurgical Society, Antalya, TURKEY**

## **AWARDS & GRANTS**

Travel Grant, **15th WFNS World Congress of Neurosurgery, Seoul, KOREA, 2013**

Highest Rank Award, **Turkish National Neurosurgery Board Examination, 2014**

Neurosurgical Training Scholarship, **Turkish Neurosurgical Society, 2016**

## **MEMBERSHIPS**

October 2010 – Present

**The European Association of Neurosurgical Societies (EANS)**

November 2015 – Present

**Turkish Neurosurgical Society**

October 2016 – Present

**Leksell Gamma Knife Society**

**PUBLICATIONS IN INTERNATIONAL JOURNALS (Google Scholar h-index: 3, i10-index: 1)**

Celtikci P, Celtikci E, Emmez H, Ucar M, Börcek AO: Utilization of Bone Wax as a Marker for Spatial Orientation in Intraoperative Magnetic Resonance Imaging. *Clin Neuroradiol.* 2017. [Epub ahead of print]

David T. Fernandes-Cabral, Ali Kooshkabadi, Sandip S. Panesar, Emrah Celtikci, Hamid Borghei-Razavi, Pinar Celtikci, Juan C. Fernandez-Miranda: Surgical Management Of Vertex Epidural Hematoma: Technical Case Report and Literature Review. *World Neurosurg.* 2016. [Epub ahead of print]

Celtikci E: A systematic review on machine learning in neurosurgery: the future of decision-making in patient care. *Turk Neurosurg.* 2017. [Epub ahead of print]

Ulger S, Demirci H, Celtikci E, Kurt G, Kilic D, Karakus E: A 25 Year-Old Male with Cerebellar Mass: Lhermitte-Duclos Disease. *Clin Oncol.* 2016, 1: 1023.

Celtikci E, Celtikci P, Fernandes-Cabral DT, Ucar M, Fernandez-Miranda JC, Borcek AO: High-definition fiber tractography in evaluation and surgical planning of thalamopeduncular pilocytic astrocytomas in pediatric population: case series and review of literature. *World Neurosurg.* 2016, 98: 463 – 469.

Celtikci E: In Reply: Pharmacological Venous Thromboembolism Prophylaxis in Meningioma Patients. *Turk Neurosurg.* 2016. [Epub ahead of print]

Celtikci E, Kaymaz AM, Akgul G, Karaaslan B, Emmez OH, Borcek A: Retrospective analysis of 449 intracranial meningioma patients operated between years 2007 – 2013 in a single institute. *Turk Neurosurg.* 2016. [Epub ahead of print]

Akkan, K., Ucar, M., Kilic, K., Celtikci, E., Ilgit, E., Onal, B: Unfused or Twig-Like Middle Cerebral Artery. *Eur J Radiol.* 2015 Oct; 84(10):2013-8.

Kurt G, Yildirim Z, Cemil B, Celtikci E, Kaplanoglu GT: Effects of curcumin on acute spinal cord ischemia-reperfusion injury in rabbits. *J Neurosurg Spine.* 2014 Apr; 20(4):464-70.

Kurt G, Tonge M, Celtikci E, Capraz I, Serdaroglu A, Bilir E: Surgery for Intractable Temporal Lobe Epilepsy: Experience of Single Institution. *Turk J Med Sci.* 2014; 44(5):866-70.

Durdag E, Kaymaz M, Borcek AO, Emmez H, Gulbahar O, Kaymaz F, Celtikci E, Aykol S: Acute Neuroprotective Effects of Alpha-lipoic acid in Experimental Spinal Cord Injury In Rats. J Neurol Sci Turk. 2013

Cemil B, Kurt G, Erdogan B, Dogulu F, Tun K, Kirar F, Celtikci E, Ceviker N: Does the third cervical vertebra need to be rimmed for odontoid screwing? A hypothetical study of anatomic landmarks. J Neurol Surg A Cent Eur Neurosurg. 2012 May;73(3):142-6.

#### **PUBLICATIONS IN NATIONAL JOURNALS**

Ocal O, Celtikci E, Secen AE, Bulduk EB, Kurt G: Ekstratemporal Epilepsilerde Cerrahi (Surgery in Extratemporal Epilepsy). Turk Norosirurji Dergisi 2: 124-9, 2014

Aykol S, Celtikci E: Deneyimlerimiz Isiginda Trigeminal Nevraljide Retrogasserian Termokoagulasyon (RF Thermocoagulation for Trigeminal Neuralgia). Turk Norosirurji Dergisi 2014

Celtikci E, Borcek AO, Baykaner MK: Kraniyosinostozlar (Craniosynostosis). Turk Norosirurji Dergisi 23: 132-7 2013

Celtikci E, Borcek P, Borcek AO, Baykaner MK: Primer Spinal Glioblastoma (Primary Spinal Glioblastoma). Selcuk Pediatri Dergisi 1: 173-8, 2013

Celtikci E, Kurt G: Intrakraniyal Kitlelerde Cerrahi (Surgery for Intracranial Tumors). Turkiye Klinikleri J Med Oncol-Special Topics 6: 19-24, 2013

Kurt G, Celtikci E: Intrakraniyal Kitlelerde Gamma Knife Radyocerrahi (Gamma Knife Radiosurgery for Intracranial Tumors). Turkiye Klinikleri J Med Oncol-Special Topics 6: 25-8, 2013