

Prof. Ersoy Kocabiçak

Personal Information

Office Phone: [+90 362 312 1919](tel:+903623121919) Extension: 2629

Email: ersoy.kocabicak@omu.edu.tr

Other Email: ersoykocabicak@gmail.com

Web: <https://avesis.omu.edu.tr/ersoy.kocabicak>

Address: Ondokuz Mayıs Üniversitesi Tıp Fakültesi Hastanesi Beyin ve Sinir Cerrahisi Departmanı, Atakum, Samsun

International Researcher IDs

ScholarID: 1N2SuJkAAAAJ

ORCID: 0000-0003-3445-1734

Yoksis Researcher ID: 33824

Education Information

Doctorate, Universiteit Maastricht, Faculty of Health, Medicine and Life Science, Neuroscience, Netherlands 2012 - 2016

Expertise In Medicine, Ondokuz Mayıs University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Turkey 2000 - 2006

Undergraduate, Ondokuz Mayıs University, Tıp Fakültesi, Turkey 1989 - 1996

Dissertations

Doctorate, Deep brain stimulation of the subthalamic nucleus: clinical and scientific aspects. , Universiteit Maastricht, Faculty of Health, Medicine and Life Science, Neuroscience, 2016

Expertise In Medicine, İntraserebral Mikrobalon Diseksiyon Yöntemi İle Klasik Kortikotominin Rat Beyninde Histopatolojik Olarak Karşılaştırılması, Ondokuz Mayıs University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2006

Research Areas

Health Sciences, Fundamental Medical Sciences, Surgery Medicine Sciences

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2022 - Continues

Associate Professor, Ondokuz Mayıs University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2015 - 2022

Assistant Professor, Ondokuz Mayıs University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2009 - 2015

Academic and Administrative Experience

Rektörlüğe Bağlı Birim Başkanı, Ondokuz Mayıs University, Nöromodülasyon Ünitesi, 2018 - Continues

Anabilim Dalı Akademik Kurul Üyesi, Ondokuz Mayıs University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2009 - Continues

Yükseköğretim Kurulu Üyesi, Ondokuz Mayıs University, Karadeniz İleri Teknoloji Araştırma Ve Uygulama Merkezi, 2016 - 2017

Courses

Nöromodülasyon, Undergraduate, 2023 - 2024

KAFA TRAVMALARI, Postgraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

HAREKET BOZUKLUKLARINDA DERİN BEYİN STİMÜLASYONU VE ABLATİF YÖNTEMLER, Postgraduate, 2014 - 2015, 2012 - 2013

Normal Basınçlı Hidrosefali, Postgraduate, 2014 - 2015

Kafa travmaları, Undergraduate, 2014 - 2015

Üst düzey kontrol bloğu - 2. sınıf, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Kronik Subdural Hematomlar, Postgraduate, 2013 - 2014

Kaide tümörleri, Postgraduate, 2012 - 2013

Epilepsi cerrahisi, Postgraduate, 2011 - 2012

Kranial rizopatiler, Postgraduate, 2011 - 2012

Advising Theses

Kocabiçak E., PARKİNSON HASTALARINDA UYGULANAN DERİN BEYİN STİMÜLASYONU CERRAHİSİNİN BEYİN ÇEKİRDEKLERİNİN HACİMLERİNE ETKİSİ, Expertise In Medicine, M.DİRLİK(Student), 2024

Kocabiçak E., Derin beyin stimülasyonu ameliyatlarında elektrot tespitinde kullanılan stimloc ve kemik sementin karşılaştırmalı sonuçları, Expertise In Medicine, Ö.TAŞKIN(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Insights into neuroinflammatory mechanisms of deep brain stimulation in Parkinson's disease**
OCAK P., Kocabiçak E., BEKAR A., Temel Y.
Experimental Neurology, vol.374, 2024 (SCI-Expanded)
- II. **The interplay between neuroinflammatory pathways and Parkinson's disease**
OCAK P., Kocabiçak E., BEKAR A., Temel Y.
Experimental Neurology, vol.372, 2024 (SCI-Expanded)
- III. **Multicenter Validation of Individual Preoperative Motor Outcome Prediction for Deep Brain Stimulation in Parkinson's Disease**
Habets J. G. V., Herff C., Fasano A. A., Beudel M., Kocabiçak E., Schnitzler A., Snineh M. A., Kalia S. K., Ramirez-Gomez C., Hodaie M., et al.
STEREOTACTIC AND FUNCTIONAL NEUROSURGERY, vol.100, no.2, pp.121-129, 2022 (SCI-Expanded)
- IV. **Electrode Fixation with Bone Cement or Stimloc (R) in Deep Brain Stimulation Surgery: A Comparative Study**
Taskin O., Kocabiçak E., Ozturk S., Yildiz O., Temel Y.
TURKISH NEUROSURGERY, vol.32, no.3, pp.449-458, 2022 (SCI-Expanded)
- V. **The Alteration of Neurogenesis and Pathological Markers in Alzheimer's Disease After Deep Brain Stimulation**
Nassehi B., Kocabiçak E., Temel Y., Heschem S.
TURKISH NEUROSURGERY, vol.32, no.4, pp.535-548, 2022 (SCI-Expanded)
- VI. **Subthalamic Nucleus Deep Brain Stimulation in a Patient with Severe Axial Symptoms and Suboptimal Levodopa Responsive Parkinson's Disease**
Nassehi B., Assadnejad T., Yildiz O., AYGÜN D., Kocabiçak E.
TURKISH NEUROSURGERY, vol.32, no.3, pp.513-516, 2022 (SCI-Expanded)
- VII. **Effects of Subthalamic Nucleus Deep Brain Stimulation Surgery on Voice and Formant Frequencies of Vowels in Turkish**
Yaşar Ö., Ozturk S., Kemal Ö., Kocabiçak E.

TURKISH NEUROSURGERY, vol.32, no.5, pp.764-772, 2022 (SCI-Expanded)

- VIII. **Deep Brain Stimulation of the Globus Pallidus Internus for Secondary Dystonia: Clinical Cases and Systematic Review of the Literature Regarding the Effectiveness of Globus Pallidus Internus versus Subthalamic Nucleus**
ÖZTÜRK S., Temel Y., AYGÜN D., Kocabiçak E.
WORLD NEUROSURGERY, vol.154, 2021 (SCI-Expanded)
- IX. **Effects of Deep Brain Stimulation of the Subthalamic Nucleus on the Postoperative Levodopa Response: One Year Follow Up**
Kocabiçak E., Yildiz O., AYGÜN D., Temel Y.
TURKISH NEUROSURGERY, vol.31, no.1, pp.88-92, 2021 (SCI-Expanded)
- X. **Statistical Shape Analysis of Subthalamic Nucleus in Patients with Parkinson Disease**
Kaya M. O., ÖZTÜRK S., ERCAN İ., Gonen M., EROL F. S., Kocabiçak E.
WORLD NEUROSURGERY, vol.126, 2019 (SCI-Expanded)
- XI. **Microelectrode Recording for Deep Brain Stimulation of the Subthalamic Nucleus in Patients with Advanced Parkinson's Disease: Advantage or Loss of Time?**
Kocabiçak E., Alptekin O., AYGÜN D., Yildiz O., Temel Y.
TURKISH NEUROSURGERY, vol.29, no.5, pp.677-682, 2019 (SCI-Expanded)
- XII. **Characterizing the Intraoperative Microelectrode Recording-Induced Microlesion Effect on Motor Symptoms in Patients with Parkinson's Disease Undergoing Deep Brain Stimulation of the Subthalamic Nucleus**
AYGÜN D., Dere U. A., Yildiz O., Temel Y., Kocabiçak E.
TURKISH NEUROSURGERY, vol.29, no.3, pp.430-433, 2019 (SCI-Expanded)
- XIII. **Perioperative Technical Complications in Deep Brain Stimulation Surgeries**
Alptekin O., Kocabicak E., Gubler F. S., Ackermans L., Kubben P. L., Temel Y.
TURKISH NEUROSURGERY, vol.28, no.3, pp.483-489, 2018 (SCI-Expanded)
- XIV. **Management of Hardware Related Infections after DBS Surgery: A Cost Analysis**
Wetzelaer P., van der Vlis T. B., Tonge M., Ackermans L., Kubben P., Evers S., Kocabicak E., Temel Y.
TURKISH NEUROSURGERY, vol.28, no.6, pp.929-933, 2018 (SCI-Expanded)
- XV. **Final Electrode Position in Subthalamic Nucleus Deep Brain Stimulation Surgery: A Comparison of Indirect and Direct Targeting Methods**
Tonge M., Kocabicak E., Ackermans L., Kuijf M., Temel Y.
TURKISH NEUROSURGERY, vol.26, no.6, pp.900-903, 2016 (SCI-Expanded)
- XVI. **Effect of Age and Disease Duration on the Levodopa Response in Patients with Advanced Parkinson's Disease for Deep Brain Stimulation of the Subthalamic Nucleus**
AYGÜN D., Kocabiçak E., Yildiz M. O., Temel Y.
FRONTIERS IN NEUROLOGY, vol.7, 2016 (SCI-Expanded)
- XVII. **Dopamine Dysregulation Syndrome after Deep Brain Stimulation of the Subthalamic Nucleus**
Akpınar C. K., AYGÜN D., Kocabiçak E., Onar M. K.
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.52, no.4, pp.420, 2015 (SCI-Expanded)
- XVIII. **A detailed analysis of intracerebral hemorrhages in DBS surgeries**
Tonge M., Ackermans L., Kocabicak E., van Kranen-Mastenbroek V., Kuijf M., Oosterloo M., Kubben P., Temel Y.
CLINICAL NEUROLOGY AND NEUROSURGERY, vol.139, pp.183-187, 2015 (SCI-Expanded)
- XIX. **Deep Brain Stimulation of the Rat Subthalamic Nucleus Induced Inhibition of Median Raphe Serotonergic and Dopaminergic Neurotransmission**
Kocabiçak E., Jahanshahi A., Schonfeld L., Hescham S., Temel Y., Tan S.
TURKISH NEUROSURGERY, vol.25, no.5, pp.721-727, 2015 (SCI-Expanded)
- XX. **Deep Brain Stimulation of the Rat Subthalamic nucleus Induced Inhibition of Median Raphe Serotonergic and Dopaminergic neurotransmission**
KOCABICAK E., JAHANSHAHİ A., SCHONFELD L., HESCHAM S., TEMEL Y., TAN S.
Turkish Neurosurgery, vol.25, no.5, pp.721-727, 2015 (SCI-Expanded)
- XXI. **The antidepressant effects of ventromedial prefrontal cortex stimulation is associated with neural**

activation in the medial part of the subthalamic nucleus

Lim L. W., Janssen M. L. F., Kocabaçak E., Temel Y.

BEHAVIOURAL BRAIN RESEARCH, vol.279, pp.17-21, 2015 (SCI-Expanded)

- XXII. **Current perspectives on deep brain stimulation for severe neurological and psychiatric disorders**
Kocabaçak E., Temel Y., Hoelig A., Falkenburger B., Tan S. K. H.
NEUROPSYCHIATRIC DISEASE AND TREATMENT, vol.11, pp.1051-1066, 2015 (SCI-Expanded)
- XXIII. **Electrophysiological and histopathological effects of mesenchymal stem cells in treatment of experimental rat model of sciatic nerve injury**
Yarar E., Kuruoglu E., Kocabaçak E., Altun A., Genc E., Ozyurek H., Kefeli M., Marangoz A. H., Aydin K., Çokluk C.
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.8, no.6, pp.8776-8784, 2015 (SCI-Expanded)
- XXIV. **Transgenic Rat Models of Huntington's Disease**
Carreira J. C., Jahanshahi A., Zeef D., Kocabaçak E., Vlamings R., von Hoersten S., Temel Y.
BEHAVIORAL NEUROBIOLOGY OF HUNTINGTON'S DISEASE AND PARKINSON'S DISEASE, vol.22, pp.135-147, 2015 (SCI-Expanded)
- XXV. **Volumetric analysis of the subthalamic and red nuclei based on magnetic resonance imaging in patients with Parkinson's disease**
Çamlıdağ İ., Kocabaçak E., Şahin B., Jahanshahi A., İncesu L., AYGÜN D., Yildiz O., Temel Y., Belet U.
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.124, no.4, pp.291-295, 2014 (SCI-Expanded)
- XXVI. **Restless Leg Syndrome and Sleep Quality in Lumbar Radiculopathy Patients**
Kocabaçak E., Terzi M., Akpınar K., Paksoy K., Cebeci I., Iyigun O.
BEHAVIOURAL NEUROLOGY, vol.2014, 2014 (SCI-Expanded)
- XXVII. **Electrical stimulation of the motor cortex enhances progenitor cell migration in the adult rat brain**
Jahanshahi A., Schonfeld L., Janssen M. L. F., Heschem S., Kocabaçak E., Steinbusch H. W. M., van Overbeeke J. J., Temel Y.
EXPERIMENTAL BRAIN RESEARCH, vol.231, no.2, pp.165-177, 2013 (SCI-Expanded)
- XXVIII. **Deep brain stimulation of the subthalamic nucleus in Parkinson's disease: Surgical technique, tips, tricks and complications**
Kocabaçak E., Temel Y.
CLINICAL NEUROLOGY AND NEUROSURGERY, vol.115, no.11, pp.2318-2323, 2013 (SCI-Expanded)
- XXIX. **Has Admission Blood Pressure Any Prognostic Value in Patients With Subarachnoid Hemorrhage: An Emergency Department Experience**
Duran L., Balci K., Kati C., Akdemir H. U., Kocabaçak E., Dogruel C.
JOURNAL OF CLINICAL HYPERTENSION, vol.15, no.10, pp.737-741, 2013 (SCI-Expanded)
- XXX. **Does Probe's Eye Subthalamic Nucleus Length on T2W MRI Correspond with Microelectrode Recording in Patients with Deep Brain Stimulation for Advanced Parkinson's Disease?**
Kocabaçak E., AYGÜN D., Ozaydin I., Jahanshahi A., Tan S. K. H., Onar M., Böke Ö., KURT M., Güz H., Terzi M., et al.
TURKISH NEUROSURGERY, vol.23, no.5, pp.658-665, 2013 (SCI-Expanded)
- XXXI. **Conversion of Local Anesthesia-Guided Deep Brain Stimulation of the Subthalamic Nucleus to General Anesthesia**
Kocabaçak E., AYGÜN D., Alptekin O., Güz H., KURT M., Sarihasan B., Temel Y.
JOURNAL OF NEUROLOGICAL SURGERY PART A-CENTRAL EUROPEAN NEUROSURGERY, vol.74, no.5, pp.332-334, 2013 (SCI-Expanded)
- XXXII. **Use of Topical Landmarks for Percutaneous Projection of Intracranial Tumors for Neurosurgical Oncology**
Aydin K., Kocabaçak E., Altun A., Ozaydin I., Yarar E., Çokluk C.
TURKISH NEUROSURGERY, vol.22, no.3, pp.280-285, 2012 (SCI-Expanded)
- XXXIII. **Ultrasonographically checking the sectioning of the transverse carpal ligament during carpal tunnel surgery with limited uni skin incisions**
Aydin K., Çokluk C., PİŞKİN A., Kocabaçak E.
TURKISH NEUROSURGERY, vol.17, no.3, pp.219-223, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Deep Brain Stimulation in Traumatic Brain Injury**
DERE Ü. A., Kocabiçak E.
Türk Nöroşirürji Dergisi, vol.30, no.2, pp.300-307, 2020 (Peer-Reviewed Journal)
- II. **Neuromodulation in Central Pain**
DERE Ü. A., Kocabiçak E.
Türk Nöroşirürji Dergisi, vol.29, no.2, pp.196-200, 2019 (Peer-Reviewed Journal)
- III. **Stereotactic accuracy and frame mounting: A phantom study**
Alptekin O., Gubler F. S., Ackermans L., Kubben P. L., Kuijf M. L., Kocabicak E., Temel Y.
Surgical Neurology International, vol.10, no.67, pp.1-7, 2019 (Scopus)
- IV. **Infections in deep brain stimulation: Shaving versus not shaving**
GUBLER F., ACKERMANS L., KUBBEN P., OOSTERLOO M., KOCABIÇAK E., VERMEULEN R., HESCHAM S., KURT E., TEMEL Y.
SURGICAL NEUROLOGY INTERNATIONAL, vol.8, no.1, pp.249, 2017 (Scopus)
- V. **Is there still need for microelectrode recording now the subthalamic nucleus can be well visualized with high field and ultrahigh MR imaging?**
Kocabicak E., Alptekin O., Ackermans L., Kubben P., Kuijf M., Kurt E., Esselink R., Temel Y.
FRONTIERS IN INTEGRATIVE NEUROSCIENCE, vol.9, 2015 (ESCI)
- VI. **Syncope Associated with Subthalamic Nucleus Deep Brain Stimulation in a Patient with Parkinson's Disease**
AYGÜN D., Kocabiçak E., Yildiz O., Onar M. K., Güz H., Böke Ö., KURT M., Temel Y.
CASE REPORTS IN NEUROLOGICAL MEDICINE, vol.2013, 2013 (ESCI)
- VII. **Cerebral intraparenchymal epidermoid tumour: A case report**
Aydın K., Kocabiçak E., Çokluk C., Kuruoglu E., Yıldız L., Hilmi Marangoz A.
Chirurgia (Turin), vol.25, no.5, pp.351-353, 2012 (Scopus)
- VIII. **Deep brain stimulation of the subthalamic nucleus in Parkinson's disease: Why so successful**
Kocabiçak E., Tan S. K., Temel Y.
Surgical Neurology International, vol.3, no.SUPPL4, 2012 (Scopus)
- IX. **Cervical screw extrusion into the trachea leading to perforation: A case report**
Aydın K., Çokluk C., Kocabiçak E., Çelik B., Taslak Sengul A.
Chirurgia (Turin), vol.25, no.5, pp.355-357, 2012 (Scopus)
- X. **Yüksek Evreli Glial Tümör Benzeri İntrakranial Tüberküloz Olgu Sunumu**
KOCABIÇAK E., AYDIN K., ÇOKLUK C., ARAS M., ALICI Ö.
Türk Nöroşirürji Dergisi, 2011 (Peer-Reviewed Journal)
- XI. **Nonanastomotic indirect bypass surgery in the surgical treatment of malignant glial tumors**
Çokluk C., Aydın K., Kocabiçak E.
Journal of Experimental and Clinical Medicine (Turkey), vol.27, no.1, pp.31-34, 2010 (Scopus)
- XII. **Geriatric epidural haematoma: case report and review of the literature**
Kocabiçak E., Çokluk C., Aydın K.
Journal of Experimental and Clinical Medicine (Turkey), vol.27, no.3, pp.91-93, 2010 (Scopus)
- XIII. **Cervical ependymoma: Case report and review of the literature**
Kocabiçak E., Çokluk C., Aydın K., Bayri Y., Süllü Y.
Journal of Experimental and Clinical Medicine (Turkey), vol.27, no.3, pp.114-117, 2010 (Scopus)
- XIV. **Vibration producing dissector in dissection and separation of high grade glial tumors from brain tissue**
Çokluk C., Aydın K., Kocabiçak E.
Journal of Experimental and Clinical Medicine (Turkey), vol.26, no.3, pp.131-135, 2009 (Scopus)
- XV. **On-off malfunction in a pediatric shunt**
Çokluk C., Aydın K., Kocabiçak E.
Journal of Experimental and Clinical Medicine (Turkey), vol.26, no.3, pp.142-144, 2009 (Scopus)

XVI. Geriatric traumatic acute subdural haematomas: A retrospective study

Kocabıçak E., Yarar E., Çokluk C., Aydın K.

Journal of Experimental and Clinical Medicine (Turkey), vol.26, no.3, pp.124-127, 2009 (Scopus)

Books & Book Chapters

- I. Hareket bozukluklarında derin beyin stimülasyonu**
Kocabıçak E., Divanlıoğlu D.
in: Temel Nöroşirürji Kitabı, Emel Avcı, Ersoy Kocabıçak, Hayri Ketmen, Editor, Türk Nöroşirürji Derneği Yayınları, Ankara, pp.1001-1008, 2023
- II. Kafa Travmaları**
Engin R., Kocabıçak E.
in: Cerrahi Tıp Bilimleri-Multidisipliner yaklaşım kitabı, Ayfer Kamalı Polat, Editor, İstanbul kitabevi, İstanbul, pp.100-105, 2023
- III. Deep Brain Stimulation for Dystonia and Device Programming.**
Öztürk S., Kocabıçak E.
in: The Handbook of Neuromodulation , xxx, Editor, Nova, London, pp.265-274, 2023
- IV. Derin Beyin Stimülasyonunda Cerrahi Teknik**
KOCABIÇAK E., ÖZTÜRK S., TEMEL Y.
in: Nörolojik ve Psikiyatrik Hastalıklarda Derin Beyin Stimülasyonu (DBS) El Kitabı, Temel Yasin, Kocabıçak Ersoy, Akbostancı M. Cenk, Doğu Okan, Savaş Ali, Editor, US Akademi - İntertıp Yayınevi, pp.35-46, 2019
- V. Directional Steering (Yönlendirilmiş Stimülasyon)**
KOCABIÇAK E., ÖZTÜRK S.
in: Nörolojik ve Psikiyatrik Hastalıklarda Derin Beyin Stimülasyonu (DBS) El Kitabı, Temel Y, Kocabıçak E, Akbostancı MC, Doğu O, Savaş A, Editor, US Akademi - İntertıp Yayınevi, pp.301-306, 2019
- VI. Derin Beyin Stimülasyonunda Kullanılan Hedef Noktaların Anatomisi**
GÜNGÖR A., HAŞİMOĞLU O., KOCABIÇAK E., temel y.
in: Nörolojik ve psikiyatrik hastalıklarda derin beyin stimülasyonu, yasin temel, ersoy kocabicak, m. cenk akbostanci, okan dogu, ali savas, Editor, US Akademi, pp.15-23, 2019
- VII. DBS için yeni endikasyonlar**
DİVANLIOĞLU D., KOCABIÇAK E.
in: Nörolojik ve Psikiyatrik hastalıklarda derin beyin stimülasyonu el kitabı, Yasin Temel, Ersoy Kocabıçak, Ali Savaş, Okan Doğu, Cenk Akbostancı, Editor, US Akademi, İzmir, pp.283-296, 2019
- VIII. Derin Beyin Stimülasyonu Sisteminin Parçaları ve Yakın Gelecekteki Olası Değişiklikler**
ÖZTÜRK S., TAŞKIN Ö., KOCABIÇAK E.
in: Nörolojik ve Psikiyatrik Hastalıklarda Derin Beyin Stimülasyonu (DBS) El Kitabı, Temel Y, Kocabıçak E, Akbostancı MC, Doğu O, Savaş A, Editor, US Akademi - İntertıp Yayınevi, İzmir, pp.293-300, 2019
- IX. Epilepside DBS**
DERE Ü. A., KOCABIÇAK E., TEMEL Y.
in: Nörolojik ve Psikiyatrik hastalıklarda derin beyin stimülasyonu (DBS) el kitabı, Yasin Temel, Ersoy Kocabıçak, Ali Savaş, Okan Doğu, Cenk Akbostancı, Editor, US akamedi, İzmir, pp.231-240, 2019
- X. DBS etki mekanizmaları**
DURDAĞ E., KOCABIÇAK E., TEMEL Y.
in: Nörolojik ve Psikiyatrik hastalıklarda derin beyin stimülasyonu (DBS) el kitabı, Yasin Temel, Ersoy Kocabıçak, Cenk Akbostancı, Okan Doğu, Ali Savaş, Editor, US Akademi, İzmir, pp.25-34, 2019
- XI. DBS-Nörofizyoloji**
ALPTEKİN O., KOCABIÇAK E., TEMEL Y.
in: Nörolojik ve Psikiyatrik Hastalıklarda derin beyin stimülasyonu el kitabı, Yasin Temel, Ersoy Kocabıçak, Ali Savaş, Okan Doğu, Cenk Akbostancı, Editor, US Akademi, İzmir, pp.35-46, 2019
- XII. Parkinson Hastalığında Nöromodülasyon**

ÖZTÜRK S., KOCABIÇAK E.

in: FTR Pratiğinde Nöromodülasyon Uygulamaları, Erhan Belgin, Yıldızgören Mustafa Turgut, Yılmaz Atilla, Editor, Türkiye Klinikleri, Ankara, pp.23-32, 2018

XIII. Deep brain of the subthalamic nucleus: scientific and clinical aspects

Kocabiçak E.

xxx, Maastricht, 2016

XIV. Fonksiyonel Nöroşirürji

TÖNGE M., KOCABIÇAK E.

in: Nöroşirürji Yeterlik Sınavına Hazırlık, Murat Hancı, Hüseyin Biçeroğlu, Editor, İntertıp Yayınevi, pp.261-280, 2016

XV. Transgenic Rat Models of Huntington's Disease

Jc C., Jahanshahi A., Kocabiçak E., Temel Y.

in: Current Topics in Behavioral Neurosciences Series., Hoa Huu Phuc Nguyen, Editor, Springer, London/Berlin , Berlin, pp.135-147, 2013

XVI. Rat Beyninde Mikrobalon Diseksiyon Modeli

Kocabiçak E.

in: 'Küçük Deney Hayvanlarından Rat' , Ersoy Kocabiçak, Editor, Derman Kitabevi, Ankara, pp.123-125, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. When Internal Pulse Generator Should Be Activated Following Deep Brain Stimulation in Parkinson's Disease?**
ÖZTÜRK S., GÖNEN M., EROL F. S., KOCABIÇAK E.
4th clinical neuroscience course, Samsun, Turkey, 19 - 22 October 2019
- II. Effect of Subthalamic Nucleus Deep Brain Stimulation on Nutritional Status and Habits in Parkinson's Patients**
PİLAN K., TAŞKIN Ö., YILDIZ M. O., ÖZGENÇ A., KOCABIÇAK E.
4th clinical neuroscience course, Samsun, Turkey, 19 - 22 October 2019
- III. Subthalamic Nucleus Deep Brain Stimulation in a Patient with Severe Axial Symptoms and Minimal Levodopa Responsive Parkinson's Disease**
ASSADNEJAD T., NASSEHİ B., YILDIZ M. O., AYGÜN D., KOCABIÇAK E.
4th clinical neuroscience course, Samsun, Turkey, 19 - 22 October 2019
- IV. Parkinson's Disease and Neuromodulation Nursing**
ÖZGENÇ A., TAŞKIN Ö., YILDIZ M. O., AYGÜN D., KOCABIÇAK E.
4th clinical neuroscience course, Samsun, Turkey, 19 - 22 October 2019
- V. Long-Term Outcomes of Deep Brain Stimulation in Parkinson Disease: Single Center Experience**
YILDIZ M. O., TAŞKIN Ö., AYGÜN D., KOCABIÇAK E.
4th clinical neuroscience course, Samsun, Turkey, 19 December - 22 October 2019
- VI. Effects of Deep Brain Stimulation of the Subthalamic Nucleus on Acoustic Characteristics of Voice Production: Preliminary Results**
YAŞAR Ö., KOCABIÇAK E., KEMAL Ö.
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- VII. Unilateral Globus Pallidus Interna Deep Brain Stimulation in Post Stroke Dystonic Tremor: Case Report**
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- VIII. Follow-Up Effect of Deep Brain Stimulation of the Thalamic Ventralis Intermedius Nucleus in a Patient with Bipolar Disorder and Essential Tremor**
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- XI. Directional steering**
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- XII. Medical and Device-Guided Therapies and Deep Brain Stimulation in Parkinson's Disease: Experience of a Tertiary Centre from Turkey**
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- XXVIII. **Perioperative technical complications in deep brain stimulation surgeries**
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- XXIX. **A detailed analysis of intracerebral hemorrhages in DBS surgeries.**
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- XLI. **STN DBS CERRAHI SİNDE STEREOTAKTİK YAKLAŞIMIN KLİNİK PARAMETRELER ÜZERİNE ETKİSİ**
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- LIII. **İntestinal obstrüksiyona neden olan dev serebrospinal psödokist, olgu sunumu**
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- LVIII. **Derin beyin stimülasyonu uygulanan Parkinson hastalarında aksiyal T2W MR'da probe eye ile ölçülen subtalamik nukleus uzunluğu, mikroelektrod kayıtları uyumlu mu?**
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- LX. **Radikülopatili Hastalarda Huzursuz Bacak Sendromu ve Yaşam Kalitesinin Değerlendirilmesi**
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- LXI. **Maffucci Sendromunda Kalvaryal Anjiosarkom İntraventriküler Ependimom ve Hipofiz Kitesinin Eş Zamanlı Birlikteliği Olgu Sunumu**
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- LXII. **Mezansimal Kök Hücrenin Deneysel Siyatik Sinir Hasarında Kullanımının Elektrofizyolojik ve Histopatolojik Etkileri**
YARAR E., ÇOKLUK C., KOCABIÇAK E., KURUOĞLU E., MARANGOZ A. H., ALTUN A., GENÇ E., KEFELİ M., AYDIN K.
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Supported Projects

Kocabiçak E., Project Supported by Higher Education Institutions, Restless Leg Syndrome and Sleep Quality in Lumbar Radiculopathy Patients, 2016 - 2016

Kocabiçak E., Project Supported by Higher Education Institutions, 2. KLİNİK NÖROLOJİK BİLİMLER KURSU
''Hareket bozuklukları, Epilepsi ve Psikiyatrik hastalıklarda Derin Beyin Stimülasyonundaki Gelişmeler'', 2015 - 2015

Activities in Scientific Journals

Journal of deep brain stimulation, Evaluation Committee Member, 2023 - Continues

Journal of deep brain stimulation, Editor, 2022 - Continues

Memberships / Tasks in Scientific Organizations

Türk Nöroşirürji Akademisi, Board Member, 2022 - Continues, Turkey

Deep brain stimulation Society, Board Member, 2020 - Continues, France

European association of neurosurgical societies - Functional section panel member, Member of Science Committee, 2019 - Continues, Belgium

Derin beyin simülasyonu derneği, Chairman, 2015 - Continues, Turkey

Türk Nöroşirürji Derneği Mesleki Özlük Hakları Kurulu, Member, 2013 - Continues, Turkey

Türk Nöroşirürji Derneği Stereotaktik Fonksiyonel Ağrı ve Epilepsi Cerrahisi Öğretim ve Eğitim Grubu, Chairman, 2019 - 2022, Turkey

Nöromodülasyon Araştırma ve Eğitim Derneği, Secretary General, 2018 - 2022, Turkey

Türk Nöroşirürji Derneği Stereotaktik Fonksiyonel Ağrı ve Epilepsi Cerrahisi Öğretim ve Eğitim Grubu, Vice President, 2017 - 2019, Turkey

Türk Nöroşirürji Derneği Stereotaktik Fonksiyonel Ağrı ve Epilepsi Cerrahisi Öğretim ve Eğitim Grubu, Secretary General, 2013 - 2017, Turkey

Scientific Consultations

Medtronic Inc., Project Consultancy, Ondokuz Mayıs Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Turkey, 2015 - Continues

Metrics

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Citation (WoS): 338

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H-Index (Scopus): 12

Non Academic Experience

SAMSUN GAZİ DEVLET HASTANESİ

MARDİN KIZILTEPE DEVLET HASTANESİ

Ondokuz Mayıs Merkez Sağlık Ocağı, Samsun

Gülağaç Merkez Sağlık Ocağı, Gülağaç, Aksaray