

# Prof. ALİ SAVAŞ

## Personal Information

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## International Researcher IDs

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ScopusID: 7003381804

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## Biography

Prof. Dr. Ali Savaş, 1986 yılında Ankara Üniversitesi Tıp Fakültesini; 1992 yılında İstanbul Üniversitesi, İstanbul Tıp Fakültesinde Nöroşirürji (Beyin ve Sinir Cerrahisi) uzmanlığı eğitimini bitirdi. Daha sonra Freiburg Üniversitesi (Almanya) Tıp Fakültesinde, "Nörofarmakoloji"de Doktora ve "Stereotaktik ve Fonksiyonel Nöroşirürji"de Yüksek İhtisas yaptı. Ankara Üniversitesi Tıp Fakültesi Beyin ve Sinir Cerrahisi AbD da çalışırken, 2000 yılında Nöroşirürji Doçenti; 2006 yılında Nöroşirürji Profesörü oldu. Halen aynı bölümde öğretim üyesi olarak çalışmaktadır. Ek olarak, 2006 yılında Münih Üniversitesi Tıp Fakültesinde (Almanya); 2012 yılında Illinois Üniversitesi (Chicago) Tıp Fakültesinde (ABD); 2019 yılında Los Angeles Kaliforniya Üniversitesinde (UCLA, ABD) davetli profesör olarak çalıştı.

2002 yılında Avrupa Nöroşirürji Topluluğu (EANS) Araştırma birincilik ödülünü (Aesculap) aldı. Ayrıca, EANS'ın "Bilimsel Araştırma Komitesi" üyesi ve "Yönetim Kurulu Üyesi"dir olarak çalıştı. Ek olarak yrica aynı topluluğun "Sınav Komitesi" üyeliğini yürütmektedir. Ayrıca, Avrupa Fonksiyonel Nöroşirürji ve Stereotaksi Topluluğunun (ESSFN) "Yönetim Kurulu Üyesi" ve Türkiye temsilcisidir; Dünya Nöroşirürji Topluluğunun (WFNS) Türkiye temsilcisidir; Dünya Stereotaktik ve Fonksiyonel Nöroşirürji (WSSFN) topluluğunda "Yöneticiler Kurulu" üyesidir.

Prof. Dr. Ali Savaş, genel nöroşirürji'nin (Beyin ve Sinir Cerrahisi) yanısıra, özellikle Parkinson Hastalığının cerrahi tedavisi ve Hareket Bozuklukları -Tremor (Titreme), Distoni- cerrahi tedavisi ; Nörostimulasyon (beyin pili) uygulamaları; Ağrının cerrahi tedavisi (trigeminal nevralji, kanser ağrısı, yüz ağrısı, bel ve bacak ağrısı... vb.) ve Beyin Tümörlerinin cerrahi tedavisi üzerinde çalışmaktadır.

## Education Information

Doctorate, Albert-Ludwigs-Universitaet Freiburg im Breisgau, Neurozentrum, Germany 1991 - 1997

Expertise In Medicine, Istanbul University, Istanbul Medical Faculty, Cerrahi Tıp Bilimleri Bölümü, Turkey 1986 - 1992

## Foreign Languages

English, C1 Advanced

## Research Areas

## Academic Titles / Tasks

Professor, Ankara University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 1995 - Continues

## Advising Theses

SAVAŞ A., Trigeminal ganglion'un ve trigeminal radyofrekans rizotomi ile ilişkili anatomik yapıların morfolojisi, Expertise In Medicine, E.YAĞIZ(Student), 2020

SAVAŞ A., Distoni nin tedavisinde stereotaktik talamotomi ve kempotomi kombinasyonu, Expertise In Medicine, Ü.EROĞLU(Student), 2013

SAVAŞ A., Parkinson hastalığında cerrahi tedavinin distonik semptomlara etkisi, Expertise In Medicine, O.ERTUNÇ(Student), 2008

SAVAŞ A., Subtalamik nukleusun mikroeletrot kayıt tekniği ile haritalanması ve morfolojik yöntemlerle lokalizasyonun saptanması, Expertise In Medicine, M.BOZKURT(Student), 2006

SAVAŞ A., Fonksiyonel stereotaktik nöronavigasyon, Expertise In Medicine, Y.CEM(Student), 2005

SAVAŞ A., Stereotaktik nöronavigasyon klinik uygulama, Expertise In Medicine, E.REŞİT(Student), 2004

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Microsurgical anatomy of the anterior cerebral artery and the arterial supply of the cingulate gyrus**  
Guner Y. E., CÖMERT A., Sayaci E. Y., Korkmaz A. C., GÜNGÖR Y., Morali Guler T., KAHILOĞULLARI G., SAVAŞ A.  
Surgical and Radiologic Anatomy, vol.45, no.4, pp.351-358, 2023 (SCI-Expanded)
- II. **Caregivers' Impression About the Effect of Subthalamic Nucleus Deep Brain Stimulation in the Treatment of Parkinson's Disease**  
Degirmenci Y., Tezcan S., SAVAŞ A., AKBOSTANCI M. C.  
Turkish Neurosurgery, vol.33, no.3, pp.393-397, 2023 (SCI-Expanded)
- III. **Morphology of the trigeminal ganglion: anatomical structures related to trigeminal radiofrequency rhizotomy**  
Sayaci E. Y., KAHILOĞULLARI G., CÖMERT A., MORALI GÜLER T., Guner Y. E., Korkmaz A. C., GÜNGÖR Y., CANSIZ ERSÖZ C., HEPER A., SAVAŞ A.  
ACTA NEUROCHIRURGICA, vol.164, no.6, pp.1551-1566, 2022 (SCI-Expanded)
- IV. **Combined Unilateral Radiofrequency Lesioning of the Motor Thalamus, Field of Forel, and Zona Incerta: A Series of Cases With Dystonia**  
Savas A., Bayatli E., Eroglu U., Akbostanci M. C.  
NEUROSURGERY, vol.90, no.3, pp.313-321, 2022 (SCI-Expanded)
- V. **Predictive Factors for Favorable Outcome from Subthalamic Nucleus Deep Brain Stimulation in Parkinson's Disease**  
ERDOĞAN S., SAVAŞ A., Aydin N., AKBOSTANCI M. C.  
TURKISH NEUROSURGERY, vol.30, no.1, pp.43-47, 2020 (SCI-Expanded)
- VI. **Yucel Kanpolat, MD (1941-2016)**  
SAVAŞ A.  
Turkish neurosurgery, vol.27, no.3, pp.483-486, 2017 (SCI-Expanded)
- VII. **No Effect of Different Stimulation Conditions on Verbal Fluency and Visuospatial Orientation in Patients with Subthalamic Nucleus Deep Brain Stimulation**  
YILMAZ R., AKBOSTANCI M. C., Mercan F. N., SORGUN M. H., SAVAŞ A.  
STEREOTACTIC AND FUNCTIONAL NEUROSURGERY, vol.93, no.5, pp.326-332, 2015 (SCI-Expanded)

- VIII. **Primary pineal glioblastoma: A case report**  
ÖZGÜRAL O., KAHİLOĞULLARI G., BOZKURT M., Okcu Heper A., SAVAŞ A.  
Turkish Neurosurgery, vol.23, no.4, pp.572-574, 2013 (SCI-Expanded)
- IX. **Management of bilateral trigeminal neuralgia with trigeminal radiofrequency rhizotomy: a treatment strategy for the life-long disease**  
BOZKURT M., Al-Beyati E., Ozdemir M., KAHİLOĞULLARI G., ELHAN A. H., SAVAŞ A., Kanpolat Y.  
ACTA NEUROCHIRURGICA, vol.154, no.5, pp.785-792, 2012 (SCI-Expanded)
- X. **Subarachnoid bleeding into the superior cerebellopontine cistern after radiofrequency trigeminal rhizotomy: Case report**  
SAVAŞ A., Sayin M.  
Acta Neurochirurgica, vol.152, no.3, pp.561-562, 2010 (SCI-Expanded)
- XI. **Safety and efficacy of frameless and frame-based intracranial biopsy techniques**  
Savas A., Kanpolat Y.  
ACTA NEUROCHIRURGICA, vol.150, no.7, pp.737, 2008 (SCI-Expanded)
- XII. **Primary central nervous system lymphoma in immunocompetent patients: Retrospective analysis of 15 cases**  
Heper A., Armagan E., Ozgun A., Ugur H. C., Erden E., Savas A., KUZU I.  
VIRCHOWS ARCHIV, vol.451, no.2, pp.563, 2007 (SCI-Expanded)
- XIII. **Central nervous system lymphoma in a patient with Sjogren's syndrome and autoimmune thyroiditis (Hashimoto's thyroiditis)**  
Kinikli G., Erten S., Tanju S., Savas A., Kaygusuz G.  
CLINICAL RHEUMATOLOGY, vol.26, no.8, pp.1377-1379, 2007 (SCI-Expanded)
- XIV. **The histopathological and electron-microscopic examination of the stereotactic pulsed radiofrequency and conventional radiofrequency thermocoagulation lesions in rat brain**  
Tun K., Savas A., Sargon M. F., Solaroglu I., Kanpolat Y.  
NEUROLOGICAL RESEARCH, vol.28, no.8, pp.841-844, 2006 (SCI-Expanded)
- XV. **Neuronavigation-assisted transoral-transpharyngeal approach for Basilar invagination - Two case reports**  
Ugur H., Kahilogullari G., Attar A., ÇAĞLAR Y. Ş., Savas A., Egemen N.  
NEUROLOGIA MEDICO-CHIRURGICA, vol.46, no.6, pp.306-308, 2006 (SCI-Expanded)
- XVI. **Spinal intradural-intramedullary cavernous malformation - Case report and literature review**  
Bakir A., Savas A., Yilmaz E., Savas B., Erden E., ÇAĞLAR Y. Ş., Sener O.  
PEDIATRIC NEUROSURGERY, vol.42, no.1, pp.35-37, 2006 (SCI-Expanded)
- XVII. **Idiopathic hypertrophic cranial pachymeningitis with perifocal brain edema**  
Tuncel D., Yucesan C., Erden E., Savas A., Erden I., Mutluer N.  
CLINICAL NEUROLOGY AND NEUROSURGERY, vol.107, no.3, pp.249-252, 2005 (SCI-Expanded)
- XVIII. **Microsurgical anatomy of the dorsal cervical rootlets and dorsal root entry zones**  
Karatas A., ÇAĞLAR Y. Ş., Savas A., Elhan A., Erdogan A.  
ACTA NEUROCHIRURGICA, vol.147, no.2, pp.195-199, 2005 (SCI-Expanded)
- XIX. **The trigeminal tract and nucleus procedures in treatment of atypical facial pain**  
Kanpolat Y., Savas A., Ugur H., Bozkurt M.  
SURGICAL NEUROLOGY, vol.64, pp.96-101, 2005 (SCI-Expanded)
- XX. **An analysis of stereotactic biopsy of brain tumors and nonneoplastic lesions: A prospective clinicopathologic study**  
Heper A., Erden E., Savas A., Ceyhan K., Erden I., Akyar S., Kanpolat Y.  
Surgical Neurology, vol.64, no.SUPPL. 2, 2005 (SCI-Expanded)
- XXI. **Management of a hemidystonic patient with thalamotomy, campotomy and cervical dorsal root entry zone operation**  
Kahilogullari G., Ugur H., Savas A., Dirik E., AKBOSTANCI M. C., Elibol B., Kanpolat Y.  
STEREOTACTIC AND FUNCTIONAL NEUROSURGERY, vol.83, no.4, pp.180-183, 2005 (SCI-Expanded)
- XXII. **Percutaneous computed tomography-guided spinal destructive procedures for pain control**

- Kanpolat Y., Savas A., Akyar S., Cosman E.  
NEUROSURGERY QUARTERLY, vol.14, no.4, pp.229-238, 2004 (SCI-Expanded)
- XXIII. **Unanticipated complication of percutaneous radiofrequency trigeminal rhizotomy: Rhinorrhea: Report of three cases and a cadaver study**  
Ugur H., Savas A., Elhan A., Kanpolat Y.  
NEUROSURGERY, vol.54, no.6, pp.1522-1524, 2004 (SCI-Expanded)
- XXIV. **Identification and removal of an epileptogenic lesion using Ictal-EEG, functional-neuronavigation and electrocorticography**  
Karatas A., Erdem A., Savas A., Kutlu G., Yagmurlu B., Erden I., Bilir E.  
JOURNAL OF CLINICAL NEUROSCIENCE, vol.11, no.3, pp.343-346, 2004 (SCI-Expanded)
- XXV. **Microelectrodes**  
Savas A., AKBOSTANCI M. C., Kanpolat Y.  
JOURNAL OF NEUROSURGERY, vol.98, no.6, pp.1324-1325, 2003 (SCI-Expanded)
- XXVI. **Stimulation of the posterior hypothalamus for treatment of chronic intractable cluster headaches: First reported series**  
Franzini A., Ferroli P., Leone M., Broggi G., Kanpolat Y., SAVAŞ A., Meyerson B. A., Burchiel K. J., Whitworth L.  
Neurosurgery, vol.52, no.5, pp.1095-1101, 2003 (SCI-Expanded)
- XXVII. **Automated, patient-interactive, spinal cord stimulator adjustment: A randomized controlled trial**  
North R. B., Calkins S., Campbell D. S., Sieracki J. M., Piantadosi S., Daly M. J., Dey P. B., Barolat G., Burchiel K. J., Whitworth L. A., et al.  
Neurosurgery, vol.52, no.3, pp.572-580, 2003 (SCI-Expanded)
- XXVIII. **Stereotactically-guided fourth ventriculo-peritoneal shunting for the isolated fourth ventricle**  
Colpan M., Savas A., Egemen N., Kanpolat Y.  
MINIMALLY INVASIVE NEUROSURGERY, vol.46, no.1, pp.57-60, 2003 (SCI-Expanded)
- XXIX. **Results of chronic subthalamic nucleus stimulation for Parkinson's disease: A 1-year follow-up study**  
Vesper J., Klostermann F., Stockhammer F., Funk T., Brock M., Benabid A., Savas A., AKBOSTANCI M. C., Kanpolat Y.  
SURGICAL NEUROLOGY, vol.57, no.5, pp.306-313, 2002 (SCI-Expanded)
- XXX. **New trends in neuromodulation for the management of neuropathic pain**  
Aló K. M., Holsheimer J., Stanton-Hicks M., Rezai A. R., Kanpolat Y., SAVAŞ A., Burchiel K. J.  
Neurosurgery, vol.50, no.4, pp.690-704, 2002 (SCI-Expanded)
- XXXI. **CT-guided percutaneous selective cordotomy for treatment of intractable pain in patients with malignant pleural mesothelioma**  
Kanpolat Y., Savas A., Ucar T., Torun F.  
ACTA NEUROCHIRURGICA, vol.144, no.6, pp.595-599, 2002 (SCI-Expanded)
- XXXII. **Radiosurgery and trigeminal neuralgia [1]**  
Kanpolat Y., SAVAŞ A., Kondziolka D., Lunsford L.  
Journal of Neurosurgery, vol.94, no.6, pp.1018-1019, 2001 (SCI-Expanded)
- XXXIII. **The effects of continuous and single-dose radiation on choline uptake in organotypic tissue slice cultures of rabbit hippocampus**  
Savas A., Warnke P., Ginap T., Feuerstein T., Ostertag C.  
NEUROLOGICAL RESEARCH, vol.23, no.6, pp.669-675, 2001 (SCI-Expanded)
- XXXIV. **Effect of bilateral subthalamic electrical stimulation in Parkinson's disease - Commentary**  
Kanpolat Y., Savas A.  
SURGICAL NEUROLOGY, vol.56, no.2, pp.95, 2001 (SCI-Expanded)
- XXXV. **Radiosurgery for trigeminal neuralgia**  
Kanpolat Y., Savas A.  
SURGICAL NEUROLOGY, vol.56, no.1, pp.67-68, 2001 (SCI-Expanded)
- XXXVI. **Surgical treatment of intracranial cavernous angiomas**  
Attar A., Ugur H., Savas A., Yuceer N., Egemen N.  
JOURNAL OF CLINICAL NEUROSCIENCE, vol.8, no.3, pp.235-239, 2001 (SCI-Expanded)
- XXXVII. **Percutaneous controlled radiofrequency trigeminal rhizotomy for the treatment of idiopathic**

**trigeminal neuralgia: 25-year experience with 1600 patients**

Kanpolat Y., Savas A., Bakar A., Berk C.

NEUROSURGERY, vol.48, no.3, pp.524-532, 2001 (SCI-Expanded)

**XXXVIII. Chiari Type I malformation presenting as glossopharyngeal neuralgia: Case report**

Kanpolat Y., Unlu A., Savas A., Tan F.

NEUROSURGERY, vol.48, no.1, pp.226-228, 2001 (SCI-Expanded)

**XXXIX. Malignant melanoma multiple intracranial metastasis associated with congenital giant melanocytic nevus**

Bagdatoglu C., Tun K., ÇAĞLAR Y. Ş., Savas A., Erden E., Arasil E., Kanpolat Y.

ACTA NEUROCHIRURGICA, vol.143, no.12, pp.1301-1302, 2001 (SCI-Expanded)

**XL. Fatal toxic effect of bleomycin on brain tissue after intracystic chemotherapy for a craniopharyngioma: Case report**

Savas A., Erdem A., Tun K., Kanpolat Y.

NEUROSURGERY, vol.46, no.1, pp.213-216, 2000 (SCI-Expanded)

**XLI. 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 NEUROCHIRURGICA, vol.142, no.6, pp.685-690, 2000 (SCI-Expanded)

**XLII. Differential diagnosis of idiopathic inflammatory trigeminal Sensory neuropathy from neuroma with a biopsy: Case report**

Savas A., Deda H., Erden E., Kanpolat Y.

NEUROSURGERY, vol.45, no.5, pp.1246-1249, 1999 (SCI-Expanded)

**XLIII. Computed tomography-guided percutaneous trigeminal tractotomy-nucleotomy**

Kanpolat Y., Savas A., ÇAĞLAR Y. Ş., Aydin V., Tascioglu A., Akyar S.

TECHNIQUES IN NEUROSURGERY, vol.5, no.3, pp.244-251, 1999 (SCI-Expanded)

**XLIV. Abducens nerve palsy after radiofrequency rhizolysis for trigeminal neuralgia: Case report [1]**

Kanpolat Y., SAVAŞ A., Berk C.

Neurosurgery, vol.44, no.6, pp.1364, 1999 (SCI-Expanded)

**XLV. Intracavitary chemotherapy of polycystic craniopharyngioma with bleomycin**

Savas A., Arasil E., Batay F., Selcuki M., Kanpolat Y.

ACTA NEUROCHIRURGICA, vol.141, no.5, pp.547-549, 1999 (SCI-Expanded)

**XLVI. Computed tomography-guided trigeminal tractotomy-nucleotomy in the management of vagoglossopharyngeal and geniculate neuralgias**

Kanpolat Y., Savas A., Batay F., Sinav A.

NEUROSURGERY, vol.43, no.3, pp.484-489, 1998 (SCI-Expanded)

**XLVII. Benign osteoblastoma of the orbital part of the frontal bone: Case report**

Batay F., Savas A., Ugur H., Kanpolat Y., KUZU I.

ACTA NEUROCHIRURGICA, vol.140, no.7, pp.729-730, 1998 (SCI-Expanded)

**XLVIII. Aneurysm arising from the medial branch of the superior cerebellar artery**

Bozboga M., Canbolat A., Savas A., Turker K.

ACTA NEUROCHIRURGICA, vol.138, no.8, pp.1013-1014, 1996 (SCI-Expanded)

**XLIX. A new ventriculocisternal shunt technique in treatment of noncommunicating hydrocephalus: A technical note with a brief discussion of the literature**

Canbolat A., Onal C., Hepgul K., Savas A.

ACTA NEUROCHIRURGICA, vol.138, no.4, pp.466-469, 1996 (SCI-Expanded)

**L. A SIMPLE METHOD FOR REDUCING AUTOTOMY IN RATS AFTER PERIPHERAL-NERVE LESIONS**

SPORELOZAKAT R., EDWARDS P., HEPGUL K., SAVAS A., GISPEN W.

JOURNAL OF NEUROSCIENCE METHODS, vol.36, no.2-3, pp.263-265, 1991 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Direct targeting of globus pallidus internus for deep brain stimulation using susceptibility-weighted magnetic resonance imaging**  
Güner Y. E., ERAY H. A., AKBOSTANCI M. C., SAVAŞ A.  
Chirurgia (Turin), vol.37, no.4, pp.247-256, 2024 (ESCI)
- II. **Clinical and ethical perspective of neurosurgical care in patients from beyond the southern border of Turkey: challenges of patients in war**  
Ozisik P. A., Ozdener K. M., Ural B., Er U., SAVAŞ A.  
JOURNAL OF PUBLIC HEALTH-HEIDELBERG, vol.30, no.6, pp.1431-1440, 2022 (ESCI)
- III. **Stereotactic Radiofrequency Deep Brain Lesioning in Treatment of Dystonia**  
EROĞLU Ü., Akbostancı M. C., Savaş A.  
Journal of Ankara University Faculty of Medicine, vol.72, no.2, pp.209-213, 2019 (Peer-Reviewed Journal)
- IV. **Trigeminal Nevralji Tedavisinde Radyofrekans Rizotomi (Radiofrequency Rhizotomy in Treatment of Trigeminal Neuralgia)**  
SAVAŞ A., BAYATLI E., ÖZGÜRAL O., EROĞLU Ü.  
Türk Nöroşirürji Dergisi, vol.29, no.2, pp.140-146, 2019 (Peer-Reviewed Journal)
- V. **Derin Beyin Stimülasyonu: Uygulama, Takip, Zor Hastalar**  
ÜNAL Y., SAVAŞ A., AKBOSTANCI M. C.  
Parkinson Hastalığı ve Hareket Bozuklukları Dergisi, vol.21, no.1-2, pp.12-21, 2018 (Peer-Reviewed Journal)
- VI. **Functional stereotactic neuronavigation Fonksiyonel stereotaktik nöronavigasyon**  
Erbaş Y. C., SAVAŞ A.  
Gulhane Medical Journal, vol.58, no.3, pp.298-305, 2016 (Scopus)
- VII. **A comparison between stereotactic targeting methods of the subthalamic nucleus in cases with Parkinson's disease.**  
SAVAŞ A., BOZKURT M., Akbostancı C.  
Acta neurochirurgica. Supplement, vol.117, pp.35-41, 2013 (Scopus)
- VIII. **The experience of the anesthetic management for deep brain stimulation in the treatment of Parkinson's disease: A retrospective clinical research Parkinson hastalığının tedavisi için derin beyin stimülasyonu uygulamasındaki anestezi deneyimlerimiz: Retrospektif klinik araştırma**  
Özhan M. Ö., Süzer M. A., Eşkin M. B., Çaparlar C., Atik B., Özdenker K. M., Özişik P., SAVAŞ A.  
Anestezi Dergisi, vol.20, no.2, pp.86-91, 2012 (Scopus)
- IX. **Neurological function-based research**  
SAVAŞ A.  
Acta Neurochirurgica, Supplement, no.83, pp.33-40, 2002 (Scopus)
- X. **Transpetrosal approaches: importance of venous structure and complication avoidance**  
Tuna H., Deda H., SAVAŞ A.  
Skull Base, vol.11, no.SUPPL. 1, pp.43, 2001 (Scopus)
- XI. **Combined transpetrosal-transtentorial approach for excision of petroclival tumors**  
SAVAŞ A., Deda H., Bademci G.  
Turkish Neurosurgery, vol.10, no.1-2, pp.14-20, 2000 (Scopus)
- XII. **Stereotactically-guided craniotomy for a cavernous hemangioma: Technical note**  
SAVAŞ A., Egemen N., Berk C.  
Turkish Neurosurgery, vol.8, no.3-4, pp.110-113, 1998 (Scopus)
- XIII. **Stereotactic interstitial radiosurgery for the treatment of brain tumors BEYİN TUMORLERİNİN TEDAVISİNDE STEREOTAKTİK INTERSTİSYEL RADYOSİRURJİ**  
Barlas O., Kuter S., Can M., SAVAŞ A., Bayindir C., Darendeliler E.  
Istanbul Tıp Fakültesi Mecmuası, vol.58, no.2, pp.83-89, 1995 (Scopus)
- XIV. **Ablative stereotactic surgery in the treatment of dystonia DISKINEZİLERİN TEDAVISİNDE ABLATİF STEREOTAKTİK CERRAHI**  
Barlas O., SAVAŞ A., Can M., Ornek I., Ozcan H.

Istanbul Tıp Fakültesi Mecmuası, vol.57, no.3, pp.39-43, 1994 (Scopus)

- XV. **Amelioration of spatial learning and memory impairment by foetal cholinergic neuronal grafts in rats with lesions of the nucleus basalis magnocellularis**  
Can S., Barlas O., SAVAŞ A.  
Turkish Neurosurgery, vol.3, no.1, pp.6-10, 1993 (Scopus)

## Books & Book Chapters

- I. **Hareket bozukluklarında lezyon cerrahisi**  
SAVAŞ A., EROĞLU Ü.  
in: Fonksiyonun Cerrahi Anatomisi, HÜSEYİN BİÇEROĞLU, Editor, US Akademi, pp.1557-1563, 2019
- II. **Parkinson Hastalığında Derin Beyin Stimülatörü**  
SAVAŞ A., AKBOSTANCI M. C., EROĞLU Ü., ÇOTUR H.  
in: Nörolojik ve Psikiyatrik Hastalıklarda Derin Beyin Stimülatörü (DBS) El Kitabı, Muhittin Cenk Akbostancı, Okan Doğu, Ali Savaş, Ersoy Kocacıcak, Yasin Temel, Editor, US akademi, Ankara, pp.125-154, 2019
- III. **Spinal kord ve beyinsapı düzeyinde ağrı cerrahisi**  
SAVAŞ A., EROĞLU Ü.  
in: Fonksiyonun Cerrahi Anatomisi, HÜSEYİN BİÇEROĞLU, Editor, US Akademi, pp.1739-1747, 2019
- IV. **Parkinson Hastalığında Derin Beyin Stimülasyonu**  
SAVAŞ A., AKBOSTANCI M. C., EROĞLU Ü., Levent Çotur H.  
in: Nörolojik ve Psikiyatrik Hastalıklarda Derin Beyin Stimülasyonu (DBS) El Kitabı, Prof. Dr. Yasin Temel Doç. Dr. Ersoy Kocacıcak Prof. Dr. M. Cenk Akbostancı Prof. Dr. Okan Doğu Prof. Dr. Ali Savaş, Editor, US Akademi, pp.125-154, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Morphology of the trigeminal ganglion: anatomical structures related to trigeminal radiofrequency rhizotomy**  
SAYACI E. Y., KAHILOĞULLARI G., CÖMERT A., MORALI GÜLER T., GÜNER Y. E., KORKMAZ A. C., GÜNGÖR Y., CANSIZ ERSÖZ C., SAVAŞ A.  
EACA-ISCAA European Association of Clinical Anatomy (EACA) held jointly with the XII Meeting of the International Symposium of Clinical and Applied Anatomy, 14 - 16 September 2021
- II. **Twiddler syndrome in deep brain stimulation**  
DURMAZ ÇELİK F. N., KUZU KUMCU M., BOSTAN S., ÖZKAN S., SAVAŞ A., AKBOSTANCI M. C.  
4th Clinical Neuroscience Course, Samsun, Turkey, 17 - 19 October 2019
- III. **Derin beyin stimülasyonu ve gebelik: bir olgu**  
ÜNAL Y., SAVAŞ A., AKBOSTANCI M. C.  
13. Ulusal Parkinson Hastalığı ve Hareket Bozuklukları Kongresi, Turkey, 11 - 14 April 2019
- IV. **Erken Evre Parkinson Hastalığı ve Malign Melanomu Olan Bir Hastanın Subtalamik Derin Beyin Stimülasyonu ile Tedavisi**  
KUZU M., TEZCAN S., SAVAŞ A., AKBOSTANCI M. C.  
Türkiye Parkinson Hastalığı Derneği Sempozyumu Hareket Bozukluklarında Fonksiyonel Cerrahi, Turkey, 15 - 16 April 2016
- V. **Subtalamik nükleus derin beyin stimülatörünün Parkinson hastalığı tedavisindeki etkisinin değerlendirilmesi**  
DEĞİRMENCİ Y., TEZCAN S., SAVAŞ A., AKBOSTANCI M. C.  
Türkiye Parkinson Hastalığı Derneği Sempozyumu Hareket Bozukluklarında Fonksiyonel Cerrahi, Turkey, 15 - 16 April 2016
- VI. **Neurologists or patients choice Reasons Parkinson s disease PD patients do not undergo deep brain**

## **stimulation DBS surgery**

Mercan F., Gül Ş., SAVAŞ A., AKBOSTANCI M. C.

19th International Congress of Parkinson's Disease and Movement Disorders, 01 January 2015

### **VII. Predictive Factors For Favorable Outcome Of Subthalamic Deep Brain Stimulation In Parkinson s Disease**

ERDOĞAN S., AKBOSTANCI M. C., Aydın N., SAVAŞ A.

17Th Annual Meeting of North American Neuromodulation Society, 01 March 2013

### **VIII. Baziler invajinasyonlu iki olguda transoral yolla ve nöronavigasyon yardımıyla yapılan operasyonlar**

KAHİLOĞULLARI G., UĞUR H. Ç., ATTAR A., ÇAĞLAR Y. Ş., SAVAŞ A., EGEMEN N.

Türk Nöroşirürji Derneği 18. Bilimsel Kongresi, Turkey, 22 May 2004

### **IX. Multipl skleroza bağlı tremorda stereotaktik cerrahi tedavi**

AKBOSTANCI M. C., SAVAŞ A., Turan E., Usar S., ELİBOL B., Karabudak R., Bora Tokçaeer A., Baysal A., Kanpolat Y.

38. Ulusal Nöroloji Kongresi, Turkey, 1 - 03 April 2002

### **X. Neurological function-based research**

Savas A.

Conference on Research and Publishing Neurosurgery, Antalya, Turkey, 01 January 2001, vol.83, pp.33-40

### **XI. A new method for subthalamic nucleus targeting using CT MRI image fusion technology**

SAVAŞ A., AKBOSTANCI M. C., Yağmurlu B., ELİBOL B., Erden I., Kanpolat Y.

15th Congress of European Society for Stereotactic and Functional Neurosurgery, 01 January 2002

### **XII. Parkinson hastalığında pallidotominin yürüme hızına etkisi**

AKBOSTANCI M. C., SAVAŞ A., BALABAN H., Tan F., ELİBOL B., Kanpolat Y.

35. Ulusal Nöroloji Kongresi, Turkey, 3 - 05 May 1999

### **XIII. CT guided percutaneous bilateral selective cordotomy**

KANPOLAT Y., SAVAŞ A., ÇAĞLAR Y. Ş., AKYAR Y. S.

12th Congress of European Society for Stereotactic and Functional Neurosurgery, Milano, İtalya, 12 - 15 June 1996

### **XIV. Kraniofasial bölge ağrılarında cerrahi tedavi seçenekleri Surgical options for craniofacial pains**

KANPOLAT Y., SAVAŞ A., ÇAĞLAR Y. Ş., AYDIN V., BERK Ç.

Türk Nöroşirürji Derneği 10. Bilimsel Kongresi, Turkey, 24 - 29 May 1996

### **XV. CT guided percutaneous trigeminal tractotomy nucleotomy**

KANPOLAT Y., ÇAĞLAR Y. Ş., SAVAŞ A., AYDIN V., AKYAR Y. S.

64th Annual Meeting of The American Association of Neurological Surgeons (AANS), Minneapolis, Minnesota, A.B.D., 27 April - 02 May 1996

## **Patent**

Savaş A., Side outlet Deep Brain Stimulation Lead, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2023/000563 , Standard Registration, 2023

## **Metrics**

Publication: 88

Citation (WoS): 1416

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H-Index (WoS): 19

H-Index (Scopus): 19

## **Congress and Symposium Activities**



TND Kongresi, Invited Speaker, Antalya, Turkey, 2022

MVD and Cranial Nerve Disorders. World Congress, , Invited Speaker, Vancouver, Canada, 2022

CSC Cadaver & Programming Course, Invited Speaker, İstanbul, Turkey, 2022

Temel Nöroşirürji Kursları, Türk Nöroşirürji Derneği, Invited Speaker, Antalya, Turkey, 2022

Temel Nöroşirürji Kursları, Türk Nöroşirürji Derneği, , Invited Speaker, Antalya, Turkey, 2022

DBS GEM Academy, Invited Speaker, İstanbul, Turkey, 2022

TND Stereotaksi ve Fonksiyonel Nöroşirürji Grubu Sempozyumu, Invited Speaker, Antalya, Turkey, 2022