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## **Research Areas**

Medicine, Health Sciences, Internal Medicine Sciences, Radiodiagnostic

## **Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes**

- I. **Posterior Reversible Encephalopathy in Sepsis-Associated Encephalopathy: Experience from a Single Center.**  
Neurocritical care, 2022 (Journal Indexed in SCI Expanded)
- II. **In Reply: Safety, Efficacy, and Durability of Stent Plus Balloon-Assisted Coiling for the Treatment of Wide-Necked Intracranial Bifurcation Aneurysms**  
Aydin K., Stracke P., Berdikhojayev M., Barburoglu M., Mosimann P., Suleimankulov N., Sarshayev M., Sencer S., Chapot R.  
NEUROSURGERY, vol.89, no.5, 2021 (Journal Indexed in SCI)
- III. **Safety, Efficacy, and Durability of Stent Plus Balloon-Assisted Coiling for the Treatment of Wide-Necked Intracranial Bifurcation Aneurysms**  
Aydin K., Stracke P., Berdikhojayev M., Barburoglu M., Mosimann P. J., Suleimankulov N., Sarshayev M., Sencer S., Chapot R.  
NEUROSURGERY, vol.88, no.5, pp.1028-1037, 2021 (Journal Indexed in SCI)
- IV. **Long-term outcomes of wide-necked intracranial bifurcation aneurysms treated with T-stent-assisted coiling**  
JOURNAL OF NEUROSURGERY, vol.134, no.1, pp.39-48, 2021 (Journal Indexed in SCI)
- V. **Flow diverter stents in the treatment of recanalized intracranial aneurysms**  
INTERVENTIONAL NEURORADIOLOGY, 2021 (Journal Indexed in SCI)
- VI. **Crossing Y-Solitaire thrombectomy as a rescue treatment for refractory acute occlusions of the middle cerebral artery.**  
AYDIN K., Barburoglu M., Oztop C., YESILOT N., VANLI E., AKPEK S.  
Journal of neurointerventional surgery, vol.11, pp.246-250, 2019 (Journal Indexed in SCI)
- VII. **Neuroimaging Findings in Sepsis-Induced Brain Dysfunction: Association with Clinical and Laboratory Findings**  
Orhun G., Esen F., Ozcan P. E., Sencer S., Bilgic B., Ulusoy C., Noyan H., Kucukerden M., Ali A., Barburoglu M., et al.  
NEUROCRITICAL CARE, vol.30, pp.106-117, 2019 (Journal Indexed in SCI)
- VIII. **Brain Volume Changes in Patients with Acute Brain Dysfunction Due to Sepsis**  
Neurocritical Care, 2019 (Journal Indexed in SCI)
- IX. **Initial and Long-Term Outcomes of Complex Bifurcation Aneurysms Treated by Y-Stent-Assisted Coiling with Low-Profile Braided Stents.**  
AYDIN K., MEN S., Barburoglu M., SENCER S., AKPEK S.  
AJNR. American journal of neuroradiology, vol.39, pp.2284-2290, 2018 (Journal Indexed in SCI)
- X. **Midterm results of T-stent-assisted coiling of wide-necked and complex intracranial bifurcation aneurysms using low-profile stents.**

- Journal of neurosurgery, vol.127, no.6, pp.1288-1296, 2017 (Journal Indexed in SCI Expanded)
- XI. **Flow Diversion with Low-Profile Braided Stents for the Treatment of Very Small or Uncoilable Intracranial Aneurysms at or Distal to the Circle of Willis.**  
AYDIN K., Barbuoglu M., SENCER S., BERDIKHOJAYEV M., COSKUN B., AKPEK S.  
AJNR. American journal of neuroradiology, vol.38, pp.2131-2137, 2017 (Journal Indexed in SCI)
- XII. **Clinical Course of Non-Traumatic Non-Aneurysmal Subarachnoid Hemorrhage: A Single Institution Experience over 10 Years and Review of the Contemporary Literature.**  
Turkish neurosurgery, vol.27, no.5, pp.732-742, 2017 (Journal Indexed in SCI Expanded)
- XIII. **Flow Diverters in the Treatment of Pediatric Cerebrovascular Diseases.**  
Barbuoglu M., ARAT A.  
AJNR. American journal of neuroradiology, vol.38, pp.113-118, 2017 (Journal Indexed in SCI)
- XIV. **Rescue Retrieval of a Fully Deployed Low-Profile Intracranial Stent After Acute Occlusion.**  
Barbuoglu M., AYDIN K.  
World neurosurgery, vol.85, pp.349-52, 2016 (Journal Indexed in SCI)
- XV. **Stent-Assisted Coiling of Wide-Neck Intracranial Aneurysms Using Low-Profile LEO Baby Stents: Initial and Midterm Results**  
AMERICAN JOURNAL OF NEURORADIOLOGY, vol.36, no.10, pp.1934-1941, 2015 (Journal Indexed in SCI)
- XVI. **Surgical Treatment of Localized Dissection of the Internal Carotid Artery**  
ANNALS OF VASCULAR SURGERY, vol.29, no.5, 2015 (Journal Indexed in SCI)
- XVII. **H-1-magnetic resonance spectroscopy in obsessive-compulsive disorder: effects of 12 weeks of sertraline treatment on brain metabolites**  
EUROPEAN ARCHIVES OF PSYCHIATRY AND CLINICAL NEUROSCIENCE, vol.265, no.3, pp.219-226, 2015 (Journal Indexed in SCI)
- XVIII. **Ascending aortobifemoral bypass surgery simultaneously with coronary revascularization**  
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.23, no.2, pp.366-370, 2015 (Journal Indexed in SCI)
- XIX. **Treatment of ruptured blood blister-like aneurysms with flow diverter SILK stents.**  
Journal of neurointerventional surgery, vol.7, no.3, pp.202-9, 2015 (Journal Indexed in SCI Expanded)
- XX. **Dual Stenting Using Low-Profile LEO Baby Stents for the Endovascular Management of Challenging Intracranial Aneurysms**  
AMERICAN JOURNAL OF NEURORADIOLOGY, vol.36, no.2, pp.323-329, 2015 (Journal Indexed in SCI)
- XXI. **Endovascular Treatment for Primary Aortic Angiosarcoma to Relieve Thoracic Aortic Stenosis**  
ANNALS OF VASCULAR SURGERY, vol.28, no.7, 2014 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **THE MOTION RANGE OF THE CONUS MEDULLARIS MOVEMENT WITH SERIAL MAGNETIC RESONANCE IMAGING IN SUPINE AND PRONE POSITIONS: RESULTS OF FOURTY HEALTHY SUBJECTS**  
Gomleksiz C., Can H., Yaka U., Goker B., Aydoseli A., Barbuoglu M., Sencer A., Ozgen U., Sencer S., Yorukoglu A. G. , et al.  
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESI DERGISI, vol.82, no.1, pp.12-17, 2019 (Journal Indexed in ESCI)
- II. **Endovascular Stent Grafting for Aortic Arch Aneurysm in Aortoiliac Occlusive Disease following Aortic Arch Debranching and Aortobifemoral Reconstruction**  
CASE REPORTS IN MEDICINE, vol.2017, 2017 (Journal Indexed in ESCI)
- III. **Late Type 3b Endoleak with an Endurant Endograft.**  
Barbuoglu M., ACUNAS B., ONAL Y., UGURLUCAN M., SAYIN O., ALPAGUT U.  
Case reports in radiology, vol.2015, pp.783468, 2015 (Refereed Journals of Other Institutions)
- IV. **Intrapericardial Bronchogenic Cyst: An Unusual Clinical Entity**  
CASE REPORTS IN MEDICINE, vol.2014, 2014 (Journal Indexed in ESCI)

## V. Spontaneous Superficial Femoral Artery Pseudoaneurysm in Behcet's Disease

Ugurlucan M., Sendil S., SAYIN Ö. A. , BARBUROĞLU M., Gök E., Turkyılmaz G., BAŞARAN M., ALPAGUT İ. U. , Dayioğlu E.

CASE REPORTS IN MEDICINE, vol.2014, 2014 (Journal Indexed in ESCI)

## Books & Book Chapters

### I. Treatment and Prophylaxis Approach in Arterial Ischemic Stroke in a Child with Cardiac Disease

Tuna Deveci R., Sönmez B., Karaman S., Ünüvar A., Aydın N., Tuğcu D., Barburoğlu M., Karakaş Z.

in: Thrombosis Cases in Pediatric Hematology, Namık Yaşar Özbek, Hale Ören, Ayşegül Ünüvar, Editor, Galenos Yayınevi, İstanbul, pp.58-60, 2020

### II. Benign Beyin Tümörlerinin Radyolojik Özellikleri

BARBUROĞLU M.

in: Türkiye Klinikleri Radyasyon Onkolojisi - Özel Konular - BENİGN BEYİN TÜMÖRLERİNDE RADYASYON TEDAVİSİ ve ETİK SORUNLAR, Meral R., Editor, Türkiye Klinikleri (Ortadoğu Reklam Tanıtım Yayıncılık Turizm Eğitim İnşaat Sanayi Ve Ticaret A.Ş.), İstanbul, pp.6-12, 2019

## Refereed Congress / Symposium Publications in Proceedings

### I. NADİR BİR OLGU : VON HİPPEL-LİNDAU TANILI HASTADA MULTİPL HEMANJİYOBLASTOMA

Cömert R. G. , Barburoğlu M., Karlı E. H.

40. Ulusal Radyoloji Kongresi, 5-10 Kasım 2019, Antalya, Turkey, 5 - 10 November 2019, pp.1

### II. Spinal vascular malformations: a retrospective analysis of 32 cases

Dölen D., Yıldız M., Barburoğlu M., Can H., Aydoseli A., Aras Y., Sabancı P. A. , Sencer A., Sencer N. S.

2019 EANS Congress, Dublin, Ireland, 24 September 2019

### III. REVASCULARIZATION OF CAROTID STENOSIS WITH ENDOVASCULAR STENTS: RESULTS FROM A SINGLE CENTER

Duygu D., Hüseyinov H., Sencer N. S. , Barburoğlu M., Adıyaman A. E. , Aydoseli A., Aras Y., Sabancı P. A. , Sencer A., Alı A.

19. WFNS Interim Meeting, Beijing, China, 09 September 2019, pp.978

### IV. Spinal Vascular Malformations: a Retrospective Analysis of 32 Cases

Özgen U., Adıyaman A. E. , Dölen D., Yıldız M. Z. , Dolaş İ., Barburoğlu M., Can H., Aydoseli A., Aras Y., Sabancı P. A. , et al.

19.WFNS Interim Meeting, Beijing, China, 09 September 2019

### V. AVM TEDAVİSİNDE TOTAL VE TOTALE YAKIN ENDOVASKÜLER EMBOLİZASYON SONRASI CERRAHİ REZEKSİYON: 35 HASTALIK KLİNİK SERİNİN RETROSPEKTİF DEĞERLENDİRİLMESİ

Dölen D., Aydoseli A., Ahmadov T., Dolaş İ., Barburoğlu M., Can H., Sabancı P. A. , Sencer A., Sencer N. S.

Türk Nöroşirurji Derneği Kongresi, Antalya, Turkey, 11 April 2019, pp.231

### VI. Arka sistem anevrizmalarında endovasküler tedavi sonuçları

Adıyaman A. E. , Gömleksiz C., Barburoğlu M., Can H., Aydoseli A., Sabancı P. A. , Aras Y., Sencer A., İzgi A. N. , Sencer N. S.

Türk Nöroşirurji Derneği 32. Bilimsel Kongresi, Antalya, Turkey, 20 April 2018, pp.132-133

### VII. Pediatrik Olguda Künt Kafa Travması Sonrası Gelişen Distal Anterior Serebral Arter Anevrizması: Olgu Sunumu

Ünal T. C. , Aydoseli A., Aras Y., Sabancı P. A. , Barburoğlu M., Dolgun M., Sencer N. S. , Aydın K., Sencer A.

Türk Nöroşirurji Derneği 29. Bilimsel Kongresi, Antalya, Turkey, 17 April 2015, pp.138

### VIII. Pediatrik olguda künt kafa travması sonrası gelişen distal anterior serebral arter anevrizması: olgu sunumu

Ünal T. C. , Aydoseli A., Aras Y., Sabancı P. A. , Barburoğlu M., Dolgun M., Sencer N. S. , Aydın K., Sencer A.

## **Memberships / Tasks in Scientific Organizations**

CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGICAL SOCIETY OF EUROPE, Member, 2015 - Continues

TÜRK GİRİŞİMSSEL RADYOLOJİ DERNEĞİ, Member, 2011 - Continues

TÜRK RADYOLOJİ DERNEĞİ, Member, 2011 - Continues

## **Scientific Refereeing**

Diagnostic and Interventional Radiology , SCI Journal, June 2019

Diagnostic and Interventional Radiology , SCI Journal, May 2019

Diagnostic and Interventional Radiology , SCI Journal, March 2019

## **Citations**

Total Citations (WOS):239

h-index (WOS):8