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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Klinik Anatomi (Dr), Turkey 2004 - 2009
Undergraduate, Ankara University, Tıp Fakültesi, Tıp Pr., Turkey 1986 - 1992

Dissertations

Doctorate, Subaksiyel servikal spondilektomi cerrahisinde anatomik yapıların tespiti ve çevre yapılarla olan ilişkisi, Ankara University, Sağlık Bilimleri Enstitüsü, Klinik Anatomi (Dr), 2009

Academic Titles / Tasks

Professor, Lokman Hekim University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2018 - Continues

Academic and Administrative Experience

Lokman Hekim University, 2017 - Continues
Lokman Hekim University, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Recurrence of lumbar disk herniation after microdiscectomy: a two-center retrospective analysis of 1214 cases and identification of risk factors**
GÜLENSOY B., Güzel E., KUZU KUMCU M., Karasu H., ŞİMŞEK S., Güzel A.
Turkish Journal of Medical Sciences, vol.53, no.5, pp.1254-1261, 2023 (SCI-Expanded)

II. **Morphometric Measurements of Safety Zones and Orientation Angles for Freehand Placement of Revision Screws in Atlas Lateral Mass**
ŞİMŞEK S., Er U., Ozturk E., Yigitkanli K.
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III. **Posterior realignment of basilar invagination with facet joint distraction technique***
Yigitkanli K., Simsek S., Guzel A.

British Journal of Neurosurgery, 2021 (SCI-Expanded)

IV. **Giant cell tumor of the eleventh thoracic vertebra in a pediatric patient: an interesting case report and comprehensive literature review**
Oktay K., Guzel E., ŞİMŞEK S., Guzel A.
Child's Nervous System, vol.35, no.3, pp.553-557, 2019 (SCI-Expanded)

V. **Lung Adenocarcinoma Metastasis Mimicking Peripheral Nerve Sheath Tumor: Case Report and Review of Literature**
Oktay K., Guzel E., Bitiren M., ŞİMŞEK S., Yildirim M., Guzel A.
World Neurosurgery, vol.120, pp.490-494, 2018 (SCI-Expanded)

VI. **Occipital condyle-C1 complex screw for fixation of basilar invagination patients with atlas assimilation**
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VIII. **The impact of antibiotic-impregnated catheters on ventriculoperitoneal shunt infection**
Sorar M., Er U., Özişik P., Özeren E., ŞİMŞEK S.
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IX. **Core curriculum (CC) of spinal surgery: A step forward in defining our profession**
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X. **Quantitative evaluation of the anatomical parameters for subaxial cervical spondylectomy: An anatomical study**
ŞİMŞEK S., UZ A., Er U., APAYDIN N.
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XI. **Two-stage multilevel cervical spondylectomy for aneurysmal bone cyst**
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XII. **Operative illustrations of the Osborne's ligament Osborne ligamaninin ameliyat fotoğrafari**
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XIII. **Effectiveness of lumbar zygapophysial joint blockage for low back pain**
Celik B., ER U., ŞİMŞEK S., Altug T., Bavbek M.
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XIV. **Freehand C1 lateral mass screw fixation technique: our experience**
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XV. **Safe zone for C1 lateral mass screws: Anatomic and radiological study**
ŞİMŞEK S., Yigitkanli K., Turba U. C., CÖMERT A., Seçkin H., TEKDEMİR İ., Elhan A.
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XVI. **Effects of raloxifene on cerebral vasospasm after experimental subarachnoid hemorrhage in rabbits**
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XVII. **Functional and clinical evaluation for the surgical treatment of degenerative stenosis of the lumbar spinal canal: Clinical article**
Yaşar B., ŞİMŞEK S., Er U., Yiğitkanli K., Ekşioğlu E., Altuğ T., Belen D., Kars Z. H., Bavbek M.
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XVIII. **Ideal screw entry point and projection angles for posterior lateral mass fixation of the atlas: An**

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XIX. **Topiramate attenuates hippocampal injury after experimental subarachnoid hemorrhage in rabbits**
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XX. **Circumferential total resection of cervical tumors: Report of two consecutive cases and technical note Çevresel total servikal vertebra tümör rezeksiyonu: İki olgu sunumu ve teknik not**
ŞİMŞEK S., Belen D., Yiğitkanli K., ACIDUMAN A., Bavbek M.
Turkish Neurosurgery, vol.19, no.2, pp.153-158, 2009 (SCI-Expanded)

XXI. **Lamotrigine attenuates cerebral vasospasm after experimental subarachnoid hemorrhage in rabbits**
Seçkin H., Yigitkanli K., BEŞALTI Ö., KÖSEMEHMETOĞLU K., Ozturk E., ŞİMŞEK S., Belen D., Bavbek M.
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XXII. **Goldenhar syndrome and intubation with the fiberoptic broncoscope**
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XXIV. **Sublabial transseptal approach to pituitary adenomas with special emphasis on rhinological complications Rinolojik komplikasyonlara özel vurguyla hipofiz adenomlarına sublabial transsfenoidal yaklaşım**
Er U., Gürses L., Saka C., Belen D., Yiğitkanli K., ŞİMŞEK S., Akin I., Bavbek M.
Turkish Neurosurgery, vol.18, no.4, pp.425-430, 2008 (SCI-Expanded)

XXV. **Minimally invasive atlantoaxial fixation with a polyaxial screw-rod construct: Technical case report [6]**
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Chang C., Dumont A. S., ŞİMŞEK S., Titus B. J., Kwan A., Kassell N. F., Solenski N. J.
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XXX. **Medically treated paravertebral Brucella abscess presenting with acute torticollis: case report**
ŞİMŞEK S., Yigitkanli K., Kazanci A., Belen D., Bavbek M.
Surgical Neurology, vol.67, no.2, pp.207-210, 2007 (SCI-Expanded)

XXXI. **Chronic subdural hematoma in patients with idiopathic thrombocytopenic purpura: a case report and review of the literature**
Seçkin H., Kazanci A., Yigitkanli K., ŞİMŞEK S., Kars H. Z.
Surgical Neurology, vol.66, no.4, pp.411-414, 2006 (SCI-Expanded)

XXXII. **Halo traction in basilar invagination: technical case report**
ŞİMŞEK S., Yigitkanli K., Belen D., Bavbek M.
Surgical Neurology, vol.66, no.3, pp.311-314, 2006 (SCI-Expanded)

XXXIII. **Internal reduction established by occiput-C2 pedicle polyaxial screw stabilization in pediatric atlantoaxial rotatory fixation**
Belen D., ŞİMŞEK S., Yigitkanli K., Bavbek M.
Pediatric Neurosurgery, vol.42, no.5, pp.328-332, 2006 (SCI-Expanded)

XXXIV. **Complete L1-L2 lateral dislocation without fracture and neurologic deficit in a child**
Guzel A., Belen D., Tatli M., ŞİMŞEK S., Guzel E.
Pediatric Neurosurgery, vol.42, no.3, pp.183-186, 2006 (SCI-Expanded)

XXXV. **Prolactinoma and pregnancy: Medical management of a case with pituitary macroadenoma Prolaktinoma ve gebelik: Medikal olarak tedavi edilen bir hipofiz makroadenomu olgusu**
Belen D., ŞİMŞEK S., Gürses L.
Turkiye Klinikleri Journal of Medical Sciences, vol.26, no.1, pp.104-106, 2006 (SCI-Expanded)

XXXVI. **Transarticular screw fixation in bilateral traumatic facet dislocation of C6-7 vertebral level: A case report**
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XXXVII. **Lipomatous meningioma: Report of a case and a diagnostic pitfall**
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Turkish Neurosurgery, vol.16, no.1, pp.40-43, 2006 (SCI-Expanded)

XXXVIII. **Thalamic venous angiomas draining into a vein of Galen varix**
Kars H., ŞİMŞEK S., Keskjn T.
Journal of Neurosurgery, vol.93, no.6, pp.1083, 2000 (SCI-Expanded)

Articles Published in Other Journals

I. **Late results of anterior cervical discectomy and fusion with interbody cages**
Dağli M., Er U., ŞİMŞEK S., Bavbek M.
Asian Spine Journal, vol.7, no.1, pp.34-38, 2013 (ESCI)

II. **Myelopathy and quadriparesis due to spinal cord compression of C1 laminar osteochondroma**
Er U., ŞİMŞEK S., Yiğitkanli K., Adabağ A., Kars H. Z.
Asian Spine Journal, vol.6, no.1, pp.66-70, 2012 (ESCI)

III. **Fiberoptic endotracheal intubation for the craniovertebral junction operations: A retrospective surveillance Kraniovertebral bölge ameliyatlarinda fiberoptik bronkoskop ile endotrakael entübasyon: Retrospektif inceleme**
Özlü O., ŞİMŞEK S., Ütebey G., Aksoy M., Akyol Ç., Bavbek M.
Anestezi Dergisi, vol.19, no.3, pp.177-181, 2011 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **Mikrodiskektomi Sonrası Lomber Disk Hernisinin Tekrarlaması İle İlişkili Risk Faktörleri:1214 Olgunun Retrospektif Analizi**
GÜLENSOY B., ŞİMŞEK S., GÜZEL A., GÜZEL E., KARASU H., KUZU KUMCU M.
Türk Nöroşirurji Derneği 36. Bilimsel Kongresi 2023, Antalya, Turkey, 27 - 30 April 2023, vol.33, pp.106

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