

Prof. RASİM HALUK BERK

Personal Information

Office Phone: [+90 232 412 3357](tel:+902324123357)

Email: haluk.berk@deu.edu.tr

Web: <https://avesis.deu.edu.tr/haluk.berk>

International Researcher IDs

ScholarID: OiQSToUAAAAJ

ORCID: 0000-0003-0402-3608

Publons / Web Of Science ResearcherID: R-2757-2019

Yoksis Researcher ID: 7578

Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Turkey 1986 - 1990

Undergraduate, Istanbul University, Istanbul Medical Faculty, İstanbul Tıp Pr., Turkey 1977 - 1983

Foreign Languages

English, C2 Mastery

French, B2 Upper Intermediate

Dissertations

Expertise In Medicine, Hallux Valgus pedobarografik incelemesi ve cerrahi tedavi sonuçları, Hacettepe University, Tıp Fakültesi (Türkçe), Cerrahi Tıp Bilimleri Bölümü, 1990

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Dokuz Eylul University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 1992 - Continues

Academic and Administrative Experience

Head of Department, Dokuz Eylul University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2020 - 2023

Courses

ORTOPEDİ VE TRAVMATOLOJİ ANABİLİM DALI, Postgraduate, 2015 - 2016
DERİ VE EKLERİ+LOKOMOTOR SİSTEM BLOĞU, Undergraduate, 2015 - 2016, 2014 - 2015
ACİL TIP BLOĞU, Undergraduate, 2015 - 2016, 2014 - 2015

Advising Theses

BERK R. H., The effects of local tranexamic acid on vertebrae fusion: Experimental study in rats, Expertise In Medicine, E.ŞAHİN(Student), 2020
BERK R. H., Skolyoz cerrahisi sonrası servikal anlık rotasyon merkezi değişiyor mu?, Expertise In Medicine, A.ASMA(Student), 2018
BERK R. H., Reliability of surgeon dependent agreement of classification and treatment planning in adolescent idiopathic scoliosis, Expertise In Medicine, T.KARA(Student), 2015
BERK R. H., The sagittal profile of scheuermann kyphosis patients and its effect on life quality, Expertise In Medicine, C.GULİYEY(Student), 2015
Berk R. H., Turkish translation, cross-cultural adaptation and validity of Spine Tango Core Set index, Expertise In Medicine, B.Çoşkun(Student), 2010
Berk R. H., Lomber, lumbosakral iliolumbosakral fiksasyonların pelviste oluşturduğu gerilim dağılımının karşılaştırılması: Biyomekanik Çalışma, Expertise In Medicine, T.Karcı(Student), 2005
Berk R. H., Comparison of short segment pedicle instrumentation with supplemental hook fixation (under axial compression): A biomechanical study on calf spine, Expertise In Medicine, S.Kıvanç(Student), 2002
Berk R. H., Biomechanical comparison of surgical treatment procedure in spondylolysis, Expertise In Medicine, Ö.Gül(Student), 1998

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **FROM THE EDITOR**
BERK R. H.
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.55, no.5, 2021 (SCI-Expanded)
- II. **FROM THE EDITOR**
Berk H.
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.55, no.4, 2021 (SCI-Expanded)
- III. **FROM THE EDITOR**
BERK R. H.
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.55, no.3, 2021 (SCI-Expanded)
- IV. **FROM THE EDITOR**
BERK R. H.
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.55, no.2, pp.84, 2021 (SCI-Expanded)
- V. **Prevalence of adolescent idiopathic scoliosis in Turkey: an epidemiological study**
Yılmaz H., ZATERİ C., Ozkan A. K., Kayalar G., BERK R. H.
SPINE JOURNAL, vol.20, no.6, pp.947-955, 2020 (SCI-Expanded)
- VI. **The management of orthopedics and traumatology patients during SARS-CoV-2 pandemic**
Cakmak G., Ceyhan E., Demirtas Y., Berk H.
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.54, no.3, pp.223-227, 2020 (SCI-Expanded)
- VII. **Reliability of the Turkish adaptation of the Modified House Classification System in children with cerebral palsy**
Baydar M., El Ö., Berk R. H., Peker M. Ö., Şahin E., Koşay M. C.
NEUROLOGICAL SCIENCES AND NEUROPHYSIOLOGY, vol.36, no.2, pp.125-134, 2019 (SCI-Expanded)
- VIII. **Reliability and validity of the cross-culturally adapted Turkish version of the Core Outcome Measures Index for low back pain**

Cetin E., Celik E. C., Acaroglu E., BERK R. H.

EUROPEAN SPINE JOURNAL, vol.27, no.1, pp.93-100, 2018 (SCI-Expanded)

- IX. **Implant Complications After Magnetically Controlled Growing Rods for Early Onset Scoliosis: A Multicenter Retrospective Review**
Choi E., Yaszay B., Mundis G., Hosseini P., Pawelek J., Alanay A., BERK R. H., Cheung K., Demirkiran G., Ferguson J., et al.
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.37, no.8, 2017 (SCI-Expanded)
- X. **Core curriculum (CC) of spinal surgery: a step forward in defining our profession**
Acaroglu E., Kahraman S., ŞENKÖYLÜ A., BERK R. H., Caner H., ÖZKAN S.
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.48, no.5, pp.475-478, 2014 (SCI-Expanded)
- XI. **Interobserver reliability of the Turkish version of the expanded and revised gross motor function classification system**
EL Ö., Baydar M., BERK R. H., Peker O., KOŞAY M. C., DEMİRAL Y.
DISABILITY AND REHABILITATION, vol.34, no.12, pp.1030-1033, 2012 (SCI-Expanded)
- XII. **Botulinum toxin a injection for spasticity in diplegic-type cerebral palsy**
El O., Peker O., KOŞAY M. C., Lyilikci L., Bozan O., BERK R. H.
JOURNAL OF CHILD NEUROLOGY, vol.21, no.12, pp.1009-1012, 2006 (SCI-Expanded)
- XIII. **[The relationship between objective and subjective evaluation criteria in lumbar spinal stenosis].**
Gülbahar S., Berk H., Pehlivan E., Senocak O., Akçali Ö., Koşay C., Gürcan A., Alper S.
Acta orthopaedica et traumatologica turcica, vol.40, no.2, pp.111-6, 2006 (SCI-Expanded)
- XIV. **Reliability and validity of adapted Turkish Version of Scoliosis Research Society-22 (SRS-22) questionnaire**
ALANAY A., Cil A., BERK R. H., Acaroglu E., Yazici M., AKÇALI Ö., KOŞAY M. C., Genc Y., Surat A.
SPINE, vol.30, no.21, pp.2464-2468, 2005 (SCI-Expanded)
- XV. **A new method for detecting pedicular wall perforation during pedicle screw insertion.**
KOŞAY M. C., Akcali Ö., BERK R. H., Erbil G., Alici E.
Spine, vol.26, no.13, pp.1477-81, 2001 (SCI-Expanded)
- XVI. **Chondrosarcoma of the spine: 1954 to 1997**
York J., BERK R. H., Fuller G., Rao J., Abi-Said D., Wildrick D., Gokaslan Z.
JOURNAL OF NEUROSURGERY, vol.90, no.1, pp.73-78, 1999 (SCI-Expanded)
- XVII. **Untitled**
Berk H.
SPINE, vol.23, no.19, pp.2149, 1998 (SCI-Expanded)
- XVIII. **Tc-99m sestamibi imaging as an indicator of P-glycoprotein expression in metastatic pheochromocytoma**
Derebek E., Capa G., BERK R. H., Sekeroglu B., Havitcioglu H., Degirmenci B., Alakavuklar M., Durak H.
CLINICAL NUCLEAR MEDICINE, vol.23, no.9, pp.637-638, 1998 (SCI-Expanded)
- XIX. **Detection of Mycobacterium tuberculosis in formaldehyde solution-fixed, paraffin-embedded tissue by polymerase chain reaction in Pott's disease**
BERK R. H., Yazici M., Atabey N., Ozdamar O., Pabuccuoglu U., Alici E.
SPINE, vol.21, no.17, pp.1991-1995, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **Preliminary Results of Instantaneous Centre of Rotation Change after Thoracic Instrumentation in Adolescent Idiopathic Scoliosis Patients.**
Asma A., Onal C., Eroglu O. N., Berk R. H.
Malaysian orthopaedic journal, vol.16, no.3, pp.120-127, 2022 (Peer-Reviewed Journal)
- II. **Leg length discrepancy and adolescent idiopathic scoliosis: clinical and radiological characteristics**
Buyukaslan A., Abul K., Berk H., Yilmaz H.

SPINE DEFORMITY, vol.10, no.2, pp.307-314, 2022 (ESCI)

III. EFFECT OF LOCAL TRANEXAMIC ACID ON THE QUALITY OF BONE HEALING IN A RAT SPINAL FUSION MODEL

Şahin E., Berk R. H., Özkal S., Keskinoglu P., Balci P., Balci A.

Spine Surgery and Related Research, vol.10, no.2, 2022 (Peer-Reviewed Journal)

IV. Comparison of Short-Segment Pedicle Instrumentation with Supplemental Hook Fixation under Axial Compression in Relation to Graft Positioning and Posterior Ligamentous Integrity: A Biomechanical Study on the Calf Spine

MURATLI S. K., BERK R. H.

ASIAN SPINE JOURNAL, vol.15, no.1, pp.64-71, 2021 (ESCI)

V. Doğuştan çarpık ayakta sınıflamalar

SATOĞLU İ. S., BERK R. H.

TOTBID Dergisi, 2015 (Non Peer-Reviewed Journal)

VI. INSTABILITY OF THE SPINE FRACTURE

Alıcı E., BERK R. H., KARAKAŞLI A., göçen s.

The Journal of Turkish Spinal Surgery, vol.3, pp.25, 1992 (Peer-Reviewed Journal)

Books & Book Chapters

I. Profesyonelizm ve Etik

BAŞCI O., BERK R. H.

in: Orthopaedic Knowledge Update 11, Lisa K. Cannada, Editor, Bayt Bilimsel Araştırmalar Basın Yayın ve Tanıtım ltd sti, Ankara, pp.3-13, 2015

II. profesyonelizim ve etik

onur B., BERK R. H.

in: OKU 11, Bülent Atilla, Mümtaz Alpaslan, Editor, Pelin ofset, pp.3-13, 2015

III. Başarı Nasıl ölçülür

başak c., BERK R. H.

in: Başa ğ rısız bel cerrahisi, Murat Hancı, Editor, Nobel, pp.5-22, 2010

IV. Omurilik yaralanması

BERK R. H.

in: Current diagnosis in orthopaedics, Harry B Skinner, Editor, Güneş, pp.675-682, 2005

V. inme

BERK R. H.

in: Current treatment in orthopaedics, Harry B Skinner, Editor, Güneş, pp.682-689, 2005

Refereed Congress / Symposium Publications in Proceedings

I. Okul Tarama Programlarında Kullanılan Skolyoz Tarama Testlerindeki Radyolojik Sevk Oranı ve Pozitif Kestirim Değerine Etkili Faktörler

ZATERİ C., YILMAZ H. G., BERK R. H.

28.Ulusal Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 31 October - 04 November 2018

II. Epidemiological study :AIS prevalance of Turkey

YILMAZ H. G., ZATERİ C., Kuşvuran Özkan A., Kayalar G., BERK R. H.

13.Sosort Meeting, Dubrovnik, Croatia, 18 - 21 April 2018

III. Prevalence of adolescent idiopathic scoliosis in Turkish schoolchildren: An Epidemiological Study

YILMAZ H. G., ZATERİ C., KUSVURAN OZKAN A., KAYALAR G., BERK R. H.

SOSORT XIII. International Meeting, 19 - 21 April 2018

IV. Epidemiyolojik Bir Çalışma:Türkiye Adölozan İdiyopatik Skolyoz Prevelansı

YILMAZ H. G., ZATERİ C., Kayalar G., Kusvuran Ozkan A., BERK R. H.

2.Ulusal Çocuk Ortopedisi Kongresi, Turkey, 16 - 18 March 2018

- V. **Cross-cultural Adaptation and Validation of the Turkish Version of the Core Outcome Measures Index for Low Back Pain**
ÇETİN E., coşkun çelik e., acaroglu e., BERK R. H.
Global Spine Congress 2017, Milan, Italy, 3 - 06 May 2017, vol.7, pp.38
- VI. **Pseudoarthrosis in adult lumbosacral surgery expert opinion**
BERK R. H.
AOSpine davos courses, Davos, Switzerland, 14 - 17 December 2015
- VII. **Osteoporosis Etiology Diagnosis Drug Therapy**
BERK R. H.
MODULE5 TUMOURS INFLAMMATORY DISEASES OF THE SPINE, selanik, Greece, 8 - 09 December 2015
- VIII. **Adolesan idiopatik skolyoz yaklaşım düzeltme manevraları**
BERK R. H.
Dr Mehmet zileli İleri spinal cerrahi kurs 15. kurs, İzmir, Turkey, 4 - 06 December 2015
- IX. **scheuermann kifozuna yaklaşım osteotomi teknikleri**
BERK R. H.
Dr Mehmet zileli İleri spinal cerrahi kurs 15. kurs, İzmir, Turkey, 4 - 06 December 2015
- X. **What has changed in deformity treatment**
BERK R. H.
THE INTERNATIONAL CONGRESS OF THE PAN ARAB ORTHOPAEDIC ASSOCIATION, Beyrut, Lebanon, 26 - 28 November 2015
- XI. **Pott s disease**
BERK R. H.
THE INTERNATIONAL CONGRESS OF THE PAN ARAB ORTHOPAEDIC ASSOCIATION, Beyrut, Lebanon, 26 - 28 November 2015
- XII. **Reliability of surgeon dependent agreement of classification and treatment planning in adolescent idiopathic scoliosis**
BERK R. H.
THE INTERNATIONAL CONGRESS OF THE PAN ARAB ORTHOPAEDIC ASSOCIATION, Beyrut, Lebanon, 26 - 28 November 2015
- XIII. **Recognising Serious Spine Disorders Red Flags**
BERK R. H.
Education week, Basic Comprehensive course, Strasbourg, France, 25 - 27 October 2015
- XIV. **Restoring the sagittal profile in vertebral fracture treatment how much is necessary**
BERK R. H.
DKOU - Deutscher Kongress für Orthopädie und Unfallchirurgie, Berlin, Germany, 20 - 23 October 2015
- XV. **Surgical site infections**
BERK R. H.
SPINE „À LA CARTE“ Croatian Orthopaedic Society Slovenian Orthopaedic Society, Zagreb, Croatia, 17 - 19 October 2015
- XVI. **Mini battle Anterior versus posterior approach for scoliosis surgery**
BERK R. H.
SPINE „À LA CARTE“ Croatian Orthopaedic Society Slovenian Orthopaedic Society, Zagreb, Croatia, 17 - 19 October 2015
- XVII. **Are we planning the same How does the classification and surgical planning is affected when discussed 4 weeks apart**
tolgahan k., BERK R. H., KOŞAY M. C., AKÇALI Ö., SATOĞLU İ. S., KARAKAŞLI A.
11th International Turkish Spine Congress, İzmir, Turkey, 29 April - 03 May 2015
- XVIII. **OVERVIEW OF SURGICAL TREATMENT OVER THE LAST 20 YEARS WHERE DO WE STAND NOW**
BERK R. H.

EUROSPINE – SRS Joint 2015 Spring Speciality Meeting, Barselona, Spain, 23 - 25 April 2015

XIX. WHEN IS DECOMPRESSION OR DECOMPRESSION AND LIMITED FUSION APPROPRIATE

BERK R. H.

EUROSPINE – SRS Joint 2015 Spring Speciality Meeting, Barselona, 23 - 25 April 2015

XX. EBM FOR SURGICAL MANAGEMENT OF HIGH GRADE SPONDYLOLISTHESIS

BERK R. H.

EUROSPINE – SRS Joint 2015 Spring Speciality Meeting, Barselona, Spain, 23 - 25 April 2015

XXI. Aspects on educational requirements in Europefor surgeons

BERK R. H.

FUNDAMENTALS OF SPINE RESEARCH METHODOLOGY: HOW TO MAKE YOUR RESEARCH MORE RELEVANT, FEASIBLE AND PUBLISHABLE, Barselona, Spain, 23 - 27 March 2015

XXII. Information to patients facing high impact surgery the role of the scientific societies

BERK R. H.

Spine Sciences Forum Meet the Experts, Barselona, Spain, 20 - 21 March 2015

XXIII. Sakral kordoma tedavisinde parsiyel sakrektomi ve spinal-pelvik fiksasyon yöntemi: Olgu sunumu

Yılmaz M., Vayvada H., Erbayraktar S., Acar F., Güner E. M., Berk H., Açikel Ü., Gülay H.

15.NÖROŞİRÜJİ KONGRESİ, Antalya, Turkey, 22 - 26 May 2001, pp.1

XXIV. Sakral Kordoma Tedavisinde Parsiyel Sakrektomi ve Spinal Pelvik Fiksasyon Yöntemi

Erbayraktar R. S., Acar F., Güner E. M., Yılmaz M., Berk H., Vayvada H., Açikel Ü., Gülay H.

15.TÜRK NÖROŞİRÜJİ DERNEĞİ BİLİMSEL KONGRESİ, Antalya, Turkey, 22 - 26 May 2001, pp.1

XXV. Adapting the log-normal model to test allopurinol effect on the prevention of radical injury

Al-Khalidi A., Morali N., BERK R. H.

International Conference on Applied Statistical in Medical Sciences, Ankara, Turkey, 01 August 1997, vol.4, pp.239-249

Memberships / Tasks in Scientific Organizations

TOTDER, Member, 2020 - Continues, Turkey

EuroSpine, Member, 1998 - Continues, Switzerland

Scoliosis Research society, Member, 1996 - Continues, United States Of America

Çocuk Ortopedi Derneği, Member, 1996 - Continues, Turkey

TOTBİD, Member, 1992 - Continues, Turkey

Tasks In Event Organizations

Bircan Ç., El Ö., Koşay M. C., Akçalı Ö., Akalın E., Bacakoğlu A. A., Berk R. H., Gülbahar S., Özkan M. H., Peker M. Ö., et al., 5. Fiziksel Tıp ve Rehabilitasyon - Ortopedi ve Travmatoloji Kongresi, Scientific Congress, İzmir, Turkey, Ocak 2019

Metrics

Publication: 57

Citation (WoS): 484

Citation (Scopus): 550

H-Index (WoS): 8

H-Index (Scopus): 8

Congress and Symposium Activities

EFORT, Invited Speaker, Hamburg, Germany, 2024
Haluk, Session Moderator, Hamburg, Germany, 2024
EFORT, Invited Speaker, Hamburg, Germany, 2024
Dr. Mehmet Zileli İleri Spinal Cerrahi Kursu, Invited Speaker, İzmir, Turkey, 2023
32. National Orthopaedics and Traumatology Congress, Invited Speaker, Antalya, Turkey, 2023
16th Annual Congress of the Hellenic Spine Society, Invited Speaker, Navplion, Greece, 2023
EBOT examination, Attendee, Brussels, Belgium, 2023
Eurospine executive committee meeting, Attendee, Frankfurt, Germany, 2023
Eurospine 2023, Audience, Frankfurt, Germany, 2023
Eduweek 2023, Invited Speaker, Strasbourg, France, 2023
15. Uluslararası Türk Omurga Kongresi, Invited Speaker, İzmir, Turkey, 2023
7. Ulusal Çocuk Ortopedisi Kongresi, Audience, Ankara, Turkey, 2023
Eurospine Excom and Strategy workshop, Panelists, Naples, Italy, 2023
Eurospine modülleri 6, Session Moderator, İstanbul, Turkey, 2023
Dr. Mehmet Zileli ileri spinal cerrahi kursu, Invited Speaker, İzmir, Turkey, 2022
TOTBİD 31. Ulusal kongre, Invited Speaker, Antalya, Turkey, 2022
EUROSPINE, Working Group, Milan, Italy, 2022
EBOT exam, Attendee, Lisbon, Portugal, 2022