

## Prof. MEHMET AYVAZ

### Personal Information

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### Education Information

Expertise In Medicine, Hacettepe Üniversitesi, Tıp, Ortopedi Ve Travmatoloji, Turkey 1999 - 2005

### Foreign Languages

English, C1 Advanced

### Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, Orthopedics and Traumatology

### Academic Titles / Tasks

Associate Professor, Hacettepe Üniversitesi, Tıp Fakültesi (ingilizce), Cerrahi Tıp Bilimleri Bölümü, 2012 - Continues

Assistant Professor, Hacettepe Üniversitesi, Tıp Fakültesi (ingilizce), Cerrahi Tıp Bilimleri Bölümü, 2009 - 2012

Lecturer PhD, Hacettepe Üniversitesi, Tıp Fakültesi (ingilizce), Cerrahi Tıp Bilimleri Bölümü, 2007 - 2009

Expert, Hacettepe Üniversitesi, Tıp Fakültesi (ingilizce), Cerrahi Tıp Bilimleri Bölümü, 2005 - 2007

### Professional Experience

Head of Department, Hacettepe Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2014 - Continues

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

- I. **Pull-out of Upper Thoracic Pedicle Screws Can Cause Spinal Canal Encroachment in Growing Rod Treatment**  
BEKMEZ S., KOCYİĞİT A., OLGUN Z. D. , AYVAZ M., DEMİRKIRAN H. G. , KARAAGAOLU E., YAZICI M.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.38, 2018 (Journal Indexed in SCI)
- II. **Pedicle Subtraction Osteotomy Versus Multiple Posterior Column Osteotomies in Severe and Rigid Neuromuscular Scoliosis**  
BEKMEZ S., ÖZHAN M., Olgun Z. D. , SUZER A., AYVAZ M., DEMİRKIRAN H. G. , Karaagaoglu E., YAZICI M.  
SPINE, vol.43, 2018 (Journal Indexed in SCI)
- III. **Titanium mesh cage as an alternative reconstruction method for epiphyseal-sparing tumour resections in children**

AYVAZ M., BEKMEZ S., Yucekul A., Mermerkaya M. U. , TOKGÖZOĞLU A. M.

JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B, vol.27, pp.350-355, 2018 (Journal Indexed in SCI)

- IV. **Denosumab treatment in aneurysmal bone cyst: Evaluation of nine cases**  
KURUCU N., AKYÜZ C., ERGEN F. B. , YALÇIN B., KÖSEMEHMETOĞLU K., AYVAZ M., VARAN A., Aydin B., Kutluk T.  
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- V. **Graduation Protocol After Growing-Rod Treatment: Removal of Implants without New Instrumentation Is Not a Realistic Approach**  
Kocyigit I. A. , Olgun Z. D. , DEMİRKIRAN H. G. , AYVAZ M., YAZICI M.  
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, vol.99, pp.1554-1564, 2017 (Journal Indexed in SCI)
- VI. **Anterior and Posterior Vertebral Column Resection Versus Posterior-only Technique**  
Demirkiran G., DEDE O., KARADENİZ E., OLGUN D., AYVAZ M., YAZICI M.  
Clinical Spine Surgery, vol.30, pp.285-290, 2017 (Journal Indexed in SCI)
- VII. **Modular cementless prosthetic reconstruction after resection of lower extremity malignant tumor**  
BEKMEZ S., AYVAZ M., Yucekul A., Tokgozoglu M.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.50, pp.674-680, 2016 (Journal Indexed in SCI)
- VIII. **Evaluation of vacuum-assisted closure in patients with wound complications following tumour surgery**  
Mermerkaya U., Bekmez S., ALKAN E., AYVAZ M., Tokgozoglu M.  
INTERNATIONAL WOUND JOURNAL, vol.13, pp.394-397, 2016 (Journal Indexed in SCI)
- IX. **Convex Instrumented Hemiepiphysiodesis With Concave Distraction: A Treatment Option for Long Sweeping Congenital Curves**  
Demirkiran G., Dede O., AYVAZ M., Bas C. E. , Alanay A., YAZICI M.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.36, pp.226-231, 2016 (Journal Indexed in SCI)
- X. **Reconstruction of periacetabular tumours with saddle prosthesis or custom-made prosthesis, functional results and complications**  
Danisman M., Mermerkaya M. U. , BEKMEZ S., AYVAZ M., ATİLLA B., TOKGÖZOĞLU A. M.  
HIP INTERNATIONAL, vol.26, 2016 (Journal Indexed in SCI)
- XI. **Serial Derotational Casting in Congenital Scoliosis as a Time-buying Strategy**  
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- XII. **Intralesional curettage and cementation for low-grade chondrosarcoma of long bones: retrospective study and literature review**  
Mermerkaya M. U. , Bekmez S., Karaaslan F., Danisman M., KÖSEMEHMETOĞLU K., Gedikoglu G., AYVAZ M., TOKGÖZOĞLU A. M.  
WORLD JOURNAL OF SURGICAL ONCOLOGY, vol.12, 2014 (Journal Indexed in SCI)
- XIII. **Iliac bone cysts adjacent to the sacroiliac joint: an unusual cause of sacroiliac pain**  
Bekmez S., AYVAZ M., Mermerkaya M. U. , Tokgozoglu M.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.48, pp.495-499, 2014 (Journal Indexed in SCI)
- XIV. **Safety and Efficacy of Instrumented Convex Growth Arrest in Treatment of Congenital Scoliosis**  
Demirkiran G., Yilmaz G., Kaymaz B., Akel I., AYVAZ M., Acaroglu E., Alanay A., YAZICI M.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.34, pp.275-281, 2014 (Journal Indexed in SCI)
- XV. **Effects of the Fusionless Instrumentation on the Disks and Facet Joints of the Unfused Segments: A Pig Model**  
Demirkiran G., Yilgor C., AYVAZ M., KÖSEMEHMETOĞLU K., Daglioglu K., YAZICI M.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.34, pp.185-193, 2014 (Journal Indexed in SCI)
- XVI. **Treatment of thoracolumbar burst fractures using combined pedicle screw-laminar hook fixation**  
KAYMAZ B., Demirkiran G., AYVAZ M., Akel I., Acaroglu E., Alanay A.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.48, pp.152-156, 2014 (Journal Indexed in SCI)
- XVII. **Long-Term Results of Reconstruction with Pelvic Allografts after Wide Resection of Pelvic Sarcomas**  
AYVAZ M., Bekmez S., Mermerkaya M. U. , ÇAĞLAR Ö., Acaroglu E., TOKGÖZOĞLU A. M.

SCIENTIFIC WORLD JOURNAL, 2014 (Journal Indexed in SCI)

- XVIII. **Two-staged revision with custom made prosthesis in septic failure of massive allograft reconstruction after type II-III pelvic resection**  
Bekmez S., AYVAZ M., Mermerkaya U., TOKGÖZOĞLU A. M.  
EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.25, pp.182-185, 2014  
(Journal Indexed in SCI)
- XIX. **Posterior all pedicle screw instrumentation combined with multiple chevron and concave rib osteotomies in the treatment of adolescent congenital kyphoscoliosis**  
AYVAZ M., OLGUN d., DEMİRKIRAN H. G. , ALANAY A., YAZICI M.  
Spine Journal, vol.14, pp.11-19, 2014 (Journal Indexed in SCI Expanded)
- XX. **The Effect of Pedicle Screw Insertion at a Young Age on Pedicle and Canal Development**  
Olgun Z. D. , Demirkiran G., AYVAZ M., Karadeniz E., YAZICI M.  
SPINE, vol.37, pp.1778-1784, 2012 (Journal Indexed in SCI)
- XXI. **Long-segment posterior instrumentation and fusion with freeze-dried allograft in congenital scoliosis**  
DEMİRKIRAN H. G. , Akel I., YILMAZ G., AYVAZ M., Alanay A., YAZICI M.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.46, pp.275-280, 2012 (Journal Indexed in SCI)
- XXII. **Is Expansion Thoracoplasty a Safe Procedure for Mobility and Growth Potential of the Spine? Spontaneous Fusion After Multiple Chest Distractions in Young Children**  
Yilgor C., Demirkiran G., AYVAZ M., YAZICI M.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.32, pp.483-489, 2012 (Journal Indexed in SCI)
- XXIII. **Bilateral triradiate cartilage injury: an overuse syndrome in an adolescent football player**  
ERGEN F. B. , Yildiz A. E. , Ayvaz M., AYDINGÖZ Ü.  
SKELETAL RADIOLOGY, vol.41, pp.353-355, 2012 (Journal Indexed in SCI)
- XXIV. **Brown tumour presenting as a soft-tissue mass**  
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CLINICAL RADIOLOGY, vol.67, pp.286-289, 2012 (Journal Indexed in SCI)
- XXV. **Simultaneous forequarter amputation and radical mastectomy for metastatic breast carcinoma in a male patient: a case report**  
AYVAZ M., Yilgor C., MERMERKAYA M. U. , KONAN A., Sonmez E., Acaroglu R. E.  
JOURNAL OF THE KOREAN SURGICAL SOCIETY, vol.81, 2011 (Journal Indexed in SCI)
- XXVI. **Long-term outcome and quality of life of patients with unstable pelvic fractures treated by closed reduction and percutaneous fixation.**  
Ayvaz M., Çağlar O., Yılmaz G., Güvendik G. İ. , ACAROĞLU R. E.  
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- XXVII. **Congenital Solid Thigh Mass: A Report of Nonself Healing Form of Langerhans Cell Histiocytosis**  
KÜPELİ S., VARAN A., AYVAZ M., Ruacan S., Buyukpamukcu M.  
JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, vol.32, pp.312-314, 2010 (Journal Indexed in SCI)
- XXVIII. **Is it necessary to operate all split cord malformations before corrective surgery for patients with congenital spinal deformities?**  
AYVAZ M., Akalan N., YAZICI M., Alanay A., Acaroglu R. E.  
Spine, vol.34, pp.2413-2418, 2009 (Journal Indexed in SCI Expanded)
- XXIX. **To the editor**  
AYVAZ M., Alanay A., Acaroglu R. E.  
Spine, vol.34, pp.2473, 2009 (Journal Indexed in AHCI)
- XXX. **Percutaneous iliolumbar screw fixation in a patient with unstable pelvic fracture and transitional lumbar vertebrae and cadaveric illustration of the fixation**  
AYVAZ M., Yilmaz G., AKPINAR E., Acaroglu R. E.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.43, pp.444-447, 2009 (Journal Indexed in SCI)
- XXXI. **Percutaneous suturing of the ruptured Achilles tendon with endoscopic control**

- Doral M. N. , Bozkurt M., Turhan E., AYVAZ M., Atay O. A. , ÜZÜMCÜGİL A., Leblebicioglu G., Kaya D., Aydog T.  
ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY, vol.129, pp.1093-1101, 2009 (Journal Indexed in SCI)
- XXXII. **Treatment of complicated pediatric femoral fractures with titanium elastic nail**  
AKSOY M. C. , ÇAĞLAR Ö., AYVAZ M., YAZICI M., ALPASLAN A. M.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B, vol.17, pp.7-10, 2008 (Journal Indexed in SCI)
- XXXIII. **Safety and efficacy of posterior instrumentation for patients with congenital scoliosis and spinal dysraphism**  
AYVAZ M., Alanay A., YAZICI M., Acaroglu E., Akalan N., Aksoy C.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.27, pp.380-386, 2007 (Journal Indexed in SCI)
- XXXIV. **Discoid meniscus - An ultrastructural study with transmission electron microscopy**  
Atay O. A. , Pekmezci M., Doral M. N. , Sargon M. F. , Ayvaz M., Johnson D. L.  
AMERICAN JOURNAL OF SPORTS MEDICINE, vol.35, pp.475-478, 2007 (Journal Indexed in SCI)
- XXXV. **Intraneural hemangioma of digital nerve diagnosed with MR imaging**  
KERİMOĞLU U., Uzumcugil A., Yilmaz G., Ayvaz M., Leblebicioglu G., Altinok G.  
SKELETAL RADIOLOGY, vol.36, pp.157-160, 2007 (Journal Indexed in SCI)
- XXXVI. **Three-bundle popliteus tendon: A nonsymptomatic anatomical variation**  
Doral M. N. , Atay A. O. , BOZKURT M., Ayvaz M., TETİK O., Leblebicioglu G.  
KNEE, vol.13, pp.342-343, 2006 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **RELATIONSHIP BETWEEN TRUNK ASSESSMENTS AND QUALITY OF LIFE IN ADOLESCENT IDIOPATHIC SCOLIOSIS FOLLOWING SURGERY**  
Öztürk F., Güney Deniz H., Ayvaz M., Demirkıran H. G. , Kınıklı G. İ.  
Türk Fizyoterapi ve Rehabilitasyon Dergisi, vol.31, pp.36-44, 2020 (Refereed Journals of Other Institutions)
- II. **Adölesan İdiyopatik Skolyozlu Bireylerde Posteriyor Enstrümantasyon Füzyon Cerrahisi Sonrası Gövde Kas Endüransı, Esneklik ve Yaşam Kalitesinin İncelenmesi**  
Öztürk F., Güney Deniz H., Ayvaz M., Demirkıran H. G. , Kılınç H., Kınıklı G. İ.  
Sağlık Bilimleri ve Meslekleri Dergisi /Journal of Health Sciences and Professions, vol.6, 2019 (Other Refereed National Journals)
- III. **Evaluation of Metatarsal Head Resurfacing Hemiarthroplasty in the Surgical Treatment of Hallux Rigidus: A Retrospective Study and Mid- to Long-Term Follow-up**  
Mermerkaya M. U. , ALKAN E., AYVAZ M.  
Foot and Ankle Specialist, vol.11, pp.22-31, 2018 (Refereed Journals of Other Institutions)
- IV. **Kıkırdak Tamirinde Güncel Cerrahi Yaklaşımlar**  
DORAL M. N. , ATAY Ö. A. , BİLGE O., DÖNMEZ G., ÜZÜMCÜGİL A., OLGUN D., AYVAZ M., KAYA D.  
Turk Geriatri Dergisi-Turkish Journal Of Geriatrics, vol.14, pp.95-100, 2011 (Other Refereed National Journals)
- V. **Meniscectomy**  
DORAL M. N. , TURHAN E., DÖNMEZ G., ATAY Ö. A. , ÜZÜMCÜGİL A., AYVAZ M., KAYA D., BOZKURT M.  
Tech Knee Surg, vol.9, pp.150-158, 2010 (Refereed Journals of Other Institutions)

## Books & Book Chapters

- I. **kas iskelet sistemi tümörleirnde kemik greft ve benzerlerini kullanımı**  
BEKMEZ S., AYVAZ M.  
in: multidisipliner yaklaşımla kemik ve yumuşak doku tümörleri, nevat dabak, Editor, bayt, Ankara, 2017
- II. **FRIEDRICH ATAKSİSİ**  
AYVAZ M.  
in: OMURGAYI TUTAN SENDROMLAR, MEHMET BÜLENT BALİOĞLU, Editor, TÜRK OMURGA DERNEĞİ YAYINLARI,

Ankara, pp.275-286, 2016

- III. **Tumors Mimicking Sports Injuries**  
AYVAZ M., ŞENOL b., NİCOLA f.  
in: Sports Injuries Prevention Diagnosis Treatment and Rehabilitation, Mahmut Nedim Doral, Jon Karlsson, Editor, Springer, 2015
- IV. **SPİNAL TUMÖRLER**  
AYVAZ M.  
in: OKU11, PROF DR BÜLENT ATİLLA, PROF DR A. MÜMTAZ ALPASLAN, Editor, BAYT BİLİMSEL ARAŞTIRMALAR BASIN YAYIM TANITIM, 2015
- V. **Sporcularda Yumuşak Doku ve Eklem Travmaları**  
DORAL M. N. , DÖNMEZ G., ATAY Ö. A. , AYVAZ M., ÜZÜMCÜGİL A., LEBLEBİCİOĞLU A. G. , KAYA D.  
in: Temel Cerrahi, İskender Sayek, Editor, Güneş Tıp Kitapevleri, pp.446-452, 2013
- VI. **Musculoskeletal Tumors and Sports Injuries**  
AYVAZ M., NİCOLA F.  
in: Sports Injuries Prevention Diagnosis Treatment and Rehabilitation, Doral, M.N.; Tandoğan, R.N.; Mann, G.; Verdonk, R, Editor, Springer, 2012
- VII. **Arthroscopic Patellar Instability Surgery**  
DORAL M. N. , TURHAN E., DÖNMEZ G., ATAY Ö. A. , ÜZÜMCÜGİL A., AYVAZ M., ELMALI N., KAYA D.  
in: Sports Injuries: Prevention, Diagnosis, Treatment and Rehabilitation, MN Doral, Editor, Springer-Verlag, pp.597-603, 2011
- VIII. **Low Back Pain FAQs Turkish Edition**  
DORAL M. N. , ÜZÜMCÜGİL A., AYVAZ M., DÖNMEZ G., DİLİÇİKİK U.  
BC Decker Inc Hamilton, 2007

## Refereed Congress / Symposium Publications in Proceedings

- I. **Posteriyor Füzyon Cerrahisi Sonrası Adölesan İdiyopatik Skolyozlu Bireylerde Gövde Kas Endüransı Ve Yaşam Kalitesinin İncelenmesi**  
ÖZTÜRK F., GÜNEY DENİZ H., DEMİRKIRAN H. G. , AYVAZ M., KINIKLI G. İ.  
10. Uluslararası Protez Ortez Kongresi, Ankara, Turkey, 18 - 20 October 2018
- II. **Erken Başlangıçlı Skolyozda Manyetik Kontrollü Büyüyen Rod Uygulaması Sayesinde Oyunun Kuralları Değişti Mi?**  
BEKMEZ Ş., AFANDİYEV A., DEDE O., DEMİRKIRAN H. G. , AYVAZ M., YAZICI M.  
2.Ulusal Çocuk Ortopedi Kongresi, İzmir, Turkey, 16 - 18 March 2018, pp.28-29
- III. **Posteriyor Füzyon Cerrahisi Sonrası Adölesan İdiyopatik Skolyozlu Çocukların Gövde Kas Endüransı ve Statik Ayakta Durma Dengesinin İncelenmesi: Pilot Çalışma**  
ÖZTÜRK F., KINIKLI G. İ. , ÖZÇADIRCI A., AYVAZ M., DEMİRKIRAN H. G.  
Uluslararası Katılımlı 4. Pediatrik Rehabilitasyon Kongresi, İstanbul, Turkey, 20 - 22 October 2017, vol.4, pp.16
- IV. **benign spinal tumors**  
AYVAZ M.  
12th International Turkish Spine Congress, Antalya, Turkey, 19 - 22 April 2017
- V. **megaprosthesis reconstruction of shoulder**  
AYVAZ M.  
shoulder club, Ankara, Turkey, 21 - 22 February 2017
- VI. **Denosumab Treatment in Aneurysmal Bone Cysts Evaluation of Eleven Cases**  
KURUCU N., VARAN A., KÖSEMEHMETOĞLU K., YALÇIN B., AYDIN G. B. , KUTLUK M. T. , AYVAZ M., ERGEN F. B. , YAMAN BAJİN H. İ. , AKYÜZ C.  
8th Congress of the International Society of Paediatric Oncology (SIOP) Dublin, Ireland October 19-22, 2016, 19 - 22 October 2016
- VII. **Tümör biyolojisinde yeni bulgular**

AYVAZ M.

25. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Turkey, 27 October - 01 November 2015

VIII. **SADDLE VE CUSTOM MADE PROTEZLER İLE YAPILAN PERİASETABULER**

**TÜMÖRREKONSTRUKSİYONLARINDA FONKSİYONEL SONUÇLAR VE KOMPLİKASYONLAR**

danışman m., AYVAZ M., KARAASLAN F., MERMERKAYA M. U. , ATILLA B., TOKGÖZOĞLU A. M.

25. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Turkey, 27 October - 01 November 2015

IX. **Reconstruction With Titanium Mesh Cage Filled With Cancellous Bone Allograft In Bone Defects After Tumor Resection**

AYVAZ M., ŞENOL b., ALTUĞ t., TOKGÖZOĞLU A. M.

16th EFORT Congress 2015 Prague, CZ, 27 - 29 May 2015

X. **Short Term Follow Up Results Of A New Generation Modular Cementless Prosthetic System In Proximal Femoral Tumoral Resections**

AYVAZ M., ŞENOL b., ALTUĞ t., TOKGÖZOĞLU A. M.

16th EFORT Congress 2015 Prague, CZ, 27 - 29 May 2015

XI. **Diz Ekleminde Aşırı Kullanım Sendromları ve Sinovyal Patolojiler**

DORAL M. N. , DÖNMEZ G., KAYA D., AYVAZ M., ÜZÜMCÜGİL A.

TOTBİD-TOTEK Ortopedi ve Travmatoloji Çekirdek Eğitim Programı Klinik Gözden Geçirme Kursu, Turkey, 30 September - 02 October 2010

XII. **Pelvis kırıklarının tedavisinde perkütan stabilizasyonun sonuçları**

AYVAZ M., YILMAZ G., DEMİRKIRAN H. G. , GÜVENDİK G. İ. , ACAROĞLU E.

XX. Milli Türk Ortopedi ve Travmatoloji Kongresi, Ankara, Turkey, 23 - 28 October 2007

## Citations

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