

## **Assoc. Prof. TOLGAHAN KURU**

### **Personal Information**

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### **International Researcher IDs**

ORCID: 0000-0003-1245-6390

Yoksis Researcher ID: 177858

### **Education Information**

Expertise In Medicine, Bolu Abant İzzet Baysal University, School Of Medicine, Ortopedi Ve Travmatoloji, Turkey 2010 - 2015

Undergraduate, İstanbul University-Cerrahpaşa, Tıp Fakültesi , Turkey 2003 - 2009

### **Foreign Languages**

English, B2 Upper Intermediate

### **Research Areas**

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

### **Academic Titles / Tasks**

Assistant Professor, Canakkale Onsekiz Mart University, Cerrahi Tip Bilimleri, Ortopedi ve Travmatoloji, 2018 - Continues

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

- I. **Computational Mechanical Analysis of AO 44A1, 44B1, and 44C1 Fractures with Finite Element Modeling: Evaluation of Screw, Plate, and Kirschner Wire Fixation**  
OLÇAR H. A., ÖZER A., Mutu H. B., Yurdakul G., KURU T., Aydin D., KORKMAZ M.  
Journal of the American Podiatric Medical Association, vol.114, no.1, 2024 (SCI-Expanded)
- II. **The effects of systemic ozone application and hyperbaric oxygen therapy on knee osteoarthritis: an experimental study in rats**  
YILMAZ O., BİLGE A., ERKEN H. Y., KURU T.  
INTERNATIONAL ORTHOPAEDICS, vol.45, no.2, pp.489-496, 2021 (SCI-Expanded)
- III. **Relationship between the AB0 Blood System and Proximal Femoral Fracture Patterns in the Turkish Population**  
KURU T., Olcar H. A.  
BIOMED RESEARCH INTERNATIONAL, vol.2020, 2020 (SCI-Expanded)
- IV. **Effects of early mobilization and weight bearing on postoperative walking ability and pain in**

- geriatric patients operated due to hip fracture: a retrospective analysis**  
 KURU T., Olcar H. A.  
 TURKISH JOURNAL OF MEDICAL SCIENCES, vol.50, no.1, pp.117-125, 2020 (SCI-Expanded)
- V. **Suture anchor fixation may be an alternative to tension band wiring in olecranon fractures: Finite element analysis**  
 KURU T., MUTLU İ.  
 JOINT DISEASES AND RELATED SURGERY, vol.31, no.2, pp.238-245, 2020 (SCI-Expanded)
- VI. **No Sedation, No Traction, and No Need for Assistance: Analysis of New Prakash's Method of Shoulder Reduction**  
 KURU T., Olcar H. A., BİLGE A., NUSRAN G., Ozkilic R., AKMAN C., Prakash L.  
 EMERGENCY MEDICINE INTERNATIONAL, vol.2020, 2020 (SCI-Expanded)
- VII. **Biomechanical comparison of a new handy tension band with malleolar screw, bicortical screw and conventional tension band for the fixation of transverse medial malleolar fractures**  
 KURU T., AKPINAR F., IŞIK C., Ozkilic R., Ipek S., MUTLU İ., Kizilay H.  
 EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.30, no.3, pp.301-308, 2019 (SCI-Expanded)

### Articles Published in Other Journals

- I. **No Decrease in Infection Rate with the Use of Local Vancomycin Powder After Partial Hip Replacement in Elderly Patients with Comorbidities**  
 ERKEN H. Y., NUSRAN G., Karagüven D., YILMAZ O., KURU T.  
 CUREUS, vol.12, no.9, 2020 (ESCI)
- II. **A Bibliometric Analysis of The Most Cited 50 Articles on Ankle Arthroscopy**  
 KURU T., OLCAR H. A.  
 The Journal of Tepecik Education and Research Hospital, vol.30, no.2, pp.133-139, 2020 (Peer-Reviewed Journal)
- III. **Lateral Decubitus vs Supine Positioning in Surgical Treatment of Hip Fractures with Proximal Femoral Nailing in Geriatric Patients: Whis is more suitable ?**  
 KURU T.  
 The Journal of Tepecik Education and Research Hospital, vol.30, no.2, pp.122-126, 2020 (Peer-Reviewed Journal)
- IV. **Evaluation of the relationship between ingrown toenail and hallux interphalangeal angle**  
 KURU T., OLCAR H. A.  
 Eastern Journal Of Medicine, vol.25, no.3, pp.356-361, 2020 (Scopus)
- V. **Analysis of Emergency Department Presentations due to Injuries From Motor Vehicle Crashes and Pedestrian Strikes**  
 AKMAN C., KURU T.  
 CUREUS, vol.12, no.7, 2020 (ESCI)
- VI. **Results of Surgical Management of Achilles Tendon Rupture Using the Modified Lindholm Procedure**  
 BİLGE A., KURU T.  
 CUREUS, vol.12, no.7, 2020 (ESCI)
- VII. **ASSESSMENT OF 'PHYSICAL THERAPY FOR ELDERLY PEOPLE' VIDEOS ON YOUTUBE**  
 ÖZERDOĞAN Ö., KURU T.  
 NOBEL MEDICUS, vol.16, no.2, pp.62-70, 2020 (ESCI)
- VIII. **Our results on cancellous screw fixation of femoral neck fractures in adults**  
 KURU T.  
 Eastern Journal Of Medicine, vol.25, no.2, pp.267-272, 2020 (Scopus)
- IX. **Cerrahi Olarak Tedavi Edilen Distal Radius Kırıklarının Klinik Profili**  
 KURU T., YILMAZ O.  
 Dicle Tip Dergisi, vol.47, no.1, pp.171-177, 2020 (Peer-Reviewed Journal)
- X. **Evaluation of the Quality and Reliability of YouTube Videos on Rotator Cuff Tears**

- KURU T., ERKEN H. Y.  
CUREUS, vol.12, no.2, 2020 (ESCI)
- XI. **Distal Tibia Şaft Kırıklarının İntramedüller Çivi ile Tespitinde Distal KilitlemeŞeçeneklerinin Koyun Tibialarında Biyomekanik Karşılaştırılması**  
KAYA Y. E., ÇELİK M., KURU T., ŞAHİN A. A., İŞIK C., AKPINAR F.  
Abant Medical Journal, vol.8, no.2, pp.52-64, 2019 (Peer-Reviewed Journal)
- XII. **BİLATERAL DİSTAL RADIUS FRACTURE: A CASE REPORT**  
KURU T., NUSRAN G., ERKEN H. Y., YILMAZ O.  
WORLD JOURNAL OF PHARMACEUTICALAND MEDICAL RESEARCH, vol.5, no.4, pp.23-24, 2019 (Peer-Reviewed Journal)
- XIII. **Diz Osteoartritinde İntraartiküler Hyalüronik Asit ve Tenoksikamın Ağrı ve Diz Eklem Fonksiyonları Üzerine Etkilerinin Karşılaştırılması**  
Özkılıç R., KURU T., İPEK S., KESKİN E. R., İŞIK C., KAYA Y. E.  
Acta Medica Alanya, vol.2, no.3, pp.149-158, 2018 (Peer-Reviewed Journal)
- XIV. **El ve El Bilek Tümörlü Hastalarda Eksizyonel Biyopsi Sonuçlarının Değerlendirilmesi**  
SARMAN H., İŞIK C., ŞAHİN A. A., KURU T., KIZILAY H., taştan ş., besinli b., baran t., kantar c.  
Abant Medical Journal, vol.3, no.1, pp.55-61, 2014 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Ortopedik Hayvan Modeli Çalışmalarında Biyomekanik**  
YILMAZ O., KURU T.  
in: KLİNİK BİLİMLERDE DENEY HAYVANI MODELLERİ, Ejder Saylav BORA ,Can ÖZLU, Editor, AKADEMİSYEN, Ankara, pp.523-532, 2020
- II. **Bikompartmental Diz Artroplastisi**  
KURU T., KIZILAY H.  
in: ERİŞKİNLERDE DİZ HASTALIKLARI ve TEDAVİSİNDE GÜNCEL YAKLAŞIMLAR, Ramadan ÖZMANEVRA ,Yağmur İŞİN ,Yavuz Selim KARA ,Fırat YAMAN ,Nihat Demirhan DEMİRKIRAN, Editor, AKADEMİSYEN, Ankara, pp.391-399, 2020
- III. **MAĞARA, DALIŞ VE SUALTI SPORLARINDA TEHLİKELER**  
KURU T.  
in: GEZGİN SAĞLIĞI, Ahmet Rıza ŞAHİN,Selma ATEŞ,Hakan HAKKOYMAZ, Editor, AKADEMİSYEN, Ankara, pp.75-84, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Talus Kırıklarının Cerrahi Tedavisinin Fonksiyonel Sonuçları**  
KURU T., NUSRAN G., YILMAZ O.  
4th International Hippocrates Congress on Medical and Health Sciences, Antalya, Turkey, 25 - 26 September 2020
- II. **Functional Outcome of Surgical Treatmentfor Geriatric Malleolar Fractures**  
KURU T., YILMAZ O.  
4rd International Medicine and Health Sciences Researches Congress, Çorum, Turkey, 22 - 23 August 2020
- III. **Spinal İntradural İntramedüller Tümörlerde CerrahiSonuçlarımız**  
KATAR S., KURU T., ERKEN H. Y.  
3. INTERNATIONAL HIPPOCRATES CONGRESS ON MEDICAL AND HEALTH SCIENCES, Ankara, Turkey, 6 - 07 March 2020
- IV. **Patolojik Proksimal Humerus Kırığı Bir Vaka Üzerinden Genel Değerlendirme**  
ANAPA D., KURU T., TAŞOVA A. O., YILMAZ O.  
UNION OF THRACE UNIVERSITIES 3.INTERNATIONAL HEALTH SCIENCES CONGRESS, 24 - 26 October 2019

- V. **Klavikula Kırıklarının Cerrahi Tedavisinin Fonksiyonel Sonuçları**  
KURU T., NUSRAN G., YILMAZ O.  
UNION OF THRACE UNIVERSITIES 3. INTERNATIONAL HEALTH SCIENCES CONGRESS, Çanakkale, Turkey, 24 - 26 October 2019
- VI. **Diz burkulma ve gerilmelerinde jones bandajı ve elastik bandajı uygulanmasının ağrı ve fonksiyonel sonuçlarının karşılaştırılması**  
KURU T.  
5.INTERNATIONAL EMERGENCY FAMILY MEDICINE CONGRESS, Gazimagusa, Cyprus (Kktc), 28 November - 01 December 2019
- VII. **İzole femur trokanter major kırıkları**  
KURU T., NUSRAN G., YILMAZ O.  
29. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Turkey, 22 - 27 October 2019
- VIII. **Travmatik femur trokanter minor kırıklärında profilaktik fiksasyon yapılmalı mı? Bir olgu sunumu**  
KURU T., YILMAZ O., NUSRAN G., TAŞOVA A. O.  
29. ULUSAL TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ, Turkey, 22 - 27 October 2019
- IX. **ANTERIOR OMUZ ÇIKIŞINDA EXTERNAL ROTASYON YÖNTEMİNİN 18 HASTA ÜZERİNDE TECRÜBELELERİMİZ**  
KURU T., AKMAN C.  
15.TÜRKİYE ACİL TIP KONGRESİ, Antalya, Turkey, 21 - 24 November 2019
- X. **DOES ADIPOSE STEM CELL LOCALLY INJECTION HEAL BONE NONUNION? EXPERIMENTAL RAT MODEL STUDY**  
OLCAR H. A., HALICI M., KAFADAR İ. H., özbek e. a., KURU T.  
World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (WCO-IOF-ESCEO 2019), 4 - 07 April 2019, vol.30, pp.380

## Metrics

Publication: 36  
Citation (WoS): 3  
Citation (Scopus): 1  
H-Index (WoS): 1  
H-Index (Scopus): 1

## Non Academic Experience

İstanbul Başakşehir Devlet Hastanesi  
Hakkari Devlet Hastanesi  
Ortopedi ve Travmatoloji Araştırma Görevlisi  
Küçükçekmece sağlık ocağı