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Education Information

Doctorate, Ankara Yıldırım Beyazıt University, Sağlık Bilimleri Enstitüsü, Kas-İskelet Sistemi Ve Regeneratif Tıp (Dr), Turkey 2019 - Continues

Expertise In Medicine, Ankara Yıldırım Beyazıt University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Turkey 2010 - 2015

Undergraduate, Erciyes University, Tıp Fakültesi, Tıp Pr., Turkey 2000 - 2010

Research Areas

Health Sciences

Academic Titles / Tasks

Associate Professor, Lokman Hekim University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2019 - Continues

Courses

TRAVMA (162303), Associate Degree, 2019 - 2020

Ortopedi Hastalıklarının Kliniği (FTR 217), Undergraduate, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Long-term outcomes of first metatarsophalangeal hemiarthroplasty for hallux rigidus**
Akcaalan S., Kavaklılar A., Caglar C., ŞİMŞEK M. E., GÜRSOY S., Akkaya M.
Foot and Ankle Surgery, 2024 (SCI-Expanded)
- II. **Low-Degree Tibial Slope Angle Prevents Component Overhang by Enlarging the Lateral Plateau Surface Area in Total Knee Arthroplasty**
Simsek M. E., AKKAYA M., GÜRSOY S., Kaya Ö., Bozkurt M.

Journal of Knee Surgery, vol.35, no.7, pp.757-766, 2022 (SCI-Expanded)

- III. **Validity of the Novel Radiological Classification System of the Distal Femur**
Akkaya M., ŞİMŞEK M. E., Akcaalan S., Caglar C., GÜRSOY S., Citak M.
Zeitschrift fur Orthopadie und Unfallchirurgie, vol.161, no.4, pp.429-433, 2021 (SCI-Expanded)
- IV. **Local curvature mismatch may worsen the midterm functional outcomes of osteochondral allograft transplantation**
GÜRSOY S., Simsek M. E., AKKAYA M., Kaya Ö., Bozkurt M.
Knee Surgery, Sports Traumatology, Arthroscopy, vol.29, no.9, pp.2948-2957, 2021 (SCI-Expanded)
- V. **Medial Meniscus Scaffold Implantation in Combination with Concentrated Bone Marrow Aspirate Injection: Minimum 3-Year Follow-up**
AKKAYA M., Simsek M. E., GÜRSOY S., ÇAY N., Bozkurt M.
Journal of Knee Surgery, vol.33, no.8, pp.838-845, 2020 (SCI-Expanded)
- VI. **Radiographs are not sufficient for evaluation of component fit in subtle knee pain after total knee arthroplasty**
Simsek M. E., GÜRSOY S., AKKAYA M., KAPICIOĞLU M. İ. S., Bozkurt M.
Knee Surgery, Sports Traumatology, Arthroscopy, vol.28, no.6, pp.2015-2022, 2020 (SCI-Expanded)
- VII. **Autologous stem cell-derived chondrocyte implantation with bio-targeted microspheres for the treatment of osteochondral defects**
Bozkurt M., Aşık M. D., GÜRSOY S., Türk M., Karahan S., Gümüşkaya B., AKKAYA M., ŞİMŞEK M. E., ÇAY N., DOĞAN M.
Journal of Orthopaedic Surgery and Research, vol.14, no.1, 2019 (SCI-Expanded)
- VIII. **Definition of a Novel Proximal Femur Classification in the Sagittal Plane According to the Femur Morphometric Analysis**
Bozkurt M., GÜRSOY S., Shohat N., ŞİMŞEK M. E., AKKAYA M., Parvizi J.
Journal of Arthroplasty, vol.34, no.7, pp.1502-1508, 2019 (SCI-Expanded)
- IX. **Three-dimensional analysis of acetabular cup orientation and an evaluation of the relationship with pelvic sagittal parameters**
Sahin A., ŞİMŞEK M. E., GÜRSOY S., AKKAYA M., Isik C., Bozkurt M.
Journal of Orthopaedic Surgery, vol.27, no.2, 2019 (SCI-Expanded)
- X. **Does inflammatory joint diseases affect the accuracy of infection biomarkers in patients with periprosthetic joint infections? A prospective comparative reliability study**
Tahta M., ŞİMŞEK M. E., Isik C., AKKAYA M., GÜRSOY S., Bozkurt M.
Journal of Orthopaedic Science, vol.24, no.2, pp.286-289, 2019 (SCI-Expanded)
- XI. **General Assembly, Prevention, Operating Room Environment: Proceedings of International Consensus on Orthopedic Infections.**
Aalirezaie A., Akkaya M., Barnes C. L., Bengoa F., Bozkurt M., Cichos K. H., Ghanem E., Darouiche R. O., Dzerins A., Gursoy S., et al.
The Journal of arthroplasty, vol.34, no.2S, 2019 (SCI-Expanded)
- XII. **Transtrochanteric approach can provide better postoperative care and lower complication rate in the treatment of hip fractures**
GÜRSOY S., ŞİMŞEK M. E., AKKAYA M., DOĞAN M., Bozkurt M.
Clinical Interventions in Aging, vol.14, pp.137-143, 2019 (SCI-Expanded)
- XIII. **Sonoelastography of the knee joint**
AKKAYA M., ÇAY N., GÜRSOY S., ŞİMŞEK M. E., Tahta M., DOĞAN M., Bozkurt M.
Clinical Anatomy, vol.32, no.1, pp.99-104, 2019 (SCI-Expanded)
- XIV. **Fixed-bearing unicompartmental knee arthroplasty tolerates higher variance in tibial implant rotation than mobile-bearing designs**
Ozcan C., ŞİMŞEK M. E., Tahta M., AKKAYA M., GÜRSOY S., Bozkurt M.
Archives of Orthopaedic and Trauma Surgery, vol.138, no.10, pp.1463-1469, 2018 (SCI-Expanded)
- XV. **Posterolateral overhang affects patient quality of life after total knee arthroplasty**
ŞİMŞEK M. E., AKKAYA M., GÜRSOY S., Isik C., Zahar A., Tarabichi S., Bozkurt M.
Archives of Orthopaedic and Trauma Surgery, vol.138, no.3, pp.409-418, 2018 (SCI-Expanded)

XVI. Efficacy of rapid recovery protocol for total knee arthroplasty: A retrospective study

Köksal I., Tahta M., ŞİMŞEK M. E., DOĞAN M., Bozkurt M.

Acta Orthopaedica et Traumatologica Turcica, vol.49, no.4, pp.382-386, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Muscle strength but not balance improves after arthroscopic biodegradable polyurethane meniscus scaffold application**
AKKAYA M., GÜRSOY S., Ozberk N., ŞİMŞEK M. E., KORKUSUZ F., BOZKURT M. C.
Musculoskeletal Surgery, vol.106, no.2, pp.145-153, 2022 (Scopus)
- II. **Fixation of the neglected subcutaneous osteochondral fragment of large medial femoral condyle defect in adult male: A case report**
AKKAYA M., ŞİMŞEK M. E., Caglar C., Nazligul A. S., Akcaalan S., GÜRSOY S.
Journal of ISAKOS, vol.7, no.3, pp.39-43, 2022 (Scopus)
- III. **RETROSPECTIVE ANALYSIS OF 32,749 PATIENTS: A PILOT ORTHOPEDIC TRAUMA REGISTRY STUDY IN ANKARA PROVINCE**
San I., AKKAYA M., Bekoz B., ŞİMŞEK M. E., Gursoy S., Kaya Ö.
Ankara Medical Journal, vol.22, no.2, pp.204-214, 2022 (Scopus)
- IV. **Diz çevresi osteotomilerinde kırıldak rejenerasyonunu artırıcı uygulamalar**
ŞİMŞEK M. E., BOZKURT M.
TOTBID Dergisi, vol.19, no.3, pp.360-372, 2020 (Peer-Reviewed Journal)
- V. **Macroscopic footprint of the glenoid labrum**
ŞİMŞEK M. E., AKKAYA M., GÜRSOY S., KAYA Ö., APAYDIN N., BOZKURT M.
Anatomy, vol.13, no.3, pp.168-173, 2019 (Peer-Reviewed Journal)
- VI. **Clinical significance of the relationship between 3D analysis of the distal femur and femoral shaft anatomy in total knee arthroplasty**
ŞİMŞEK M. E., BOZKURT M.
Anatomy, an international journal of experimental and clinical anatomy, vol.13, no.3, pp.174-182, 2019 (Peer-Reviewed Journal)
- VII. **Treatment of the First Carpometacarpal Joint Osteoarthritis: Corticosteroid Versus Platelet Rich Plasma – A Randomized Comparative Study**
ŞİMŞEK M. E.
Ankara Medical Journal, vol.19, no.1, pp.143-151, 2019 (Peer-Reviewed Journal)
- VIII. **The morphologic relationship of the lesser trochanter with the femoral neck and greater trochanter**
AKKAYA M., GÜRSOY S., ŞİMŞEK M. E., IŞIK Ç., Acar H. İ., BOZKURT M.
International Journal of Research in Medical Sciences, vol.7, no.2, pp.572-576, 2019 (Peer-Reviewed Journal)
- IX. **Factors Influencing the Results in Matrix-Associated Autologous Chondrocyte Implantation: A 2 - 5 Year Follow-Up Study**
GÜRSOY S., AKKAYA M., ŞİMŞEK M. E., Gursoy M., DOĞAN M., BOZKURT M.
Journal of Clinical Medicine Research, vol.11, no.2, pp.137-144, 2019 (Peer-Reviewed Journal)
- X. **Micro or Nano Does not affect the Functional Outcomes in the Midterm Follow-up**
GÜRSOY S., ŞİMŞEK M. E., AKKAYA M., IŞIK Ç., DOĞAN M., BOZKURT M.
International Journal of Contemporary Medical Research [IJCMR], vol.6, no.2, 2019 (Peer-Reviewed Journal)
- XI. **Clinical Outcomes of Proximal Opening-Wedge Osteotomy and Distal Chevron Osteotomy in the Treatment of Moderate Hallux Valgus Deformity**
AKKAYA M., ŞİMŞEK M. E., GÜRSOY S., BOZKURT M.
Journal of Medical Science And clinical Research, vol.7, no.2, pp.753-760, 2019 (Peer-Reviewed Journal)
- XII. **Functional outcomes of bone marrow aspirate concentrate application in osteoarthritis of the knee**
GÜRSOY S., AKKAYA M., ŞİMŞEK M. E., BOZKURT M.
International Journal of Research in Medical Sciences, vol.7, no.2, pp.587-592, 2019 (Peer-Reviewed Journal)

- XIII. **Osteoporotik kemikte çimento kullanımı**
ŞİMŞEK M. E., BOZKURT M.
TOTBID Dergisi, vol.18, no.3, pp.290-295, 2019 (Peer-Reviewed Journal)
- XIV. **UZUN KEMİKLERİN DİAFİZİEL KIRIKLARININ GECİKMİŞ KAYNAMASINDA PLATELET-RİCH PLASMA UYGULANMASININ ETKİLERİ**
IŞIK Ç., AKSEKİLİ M. A. E., GÜRİSOY S., ŞİMŞEK M. E., BOZKURT M.
BOZOK TIP DERGİSİ, vol.6, no.1, pp.1-6, 2016 (Peer-Reviewed Journal)
- XV. **Ayak Bileğinde Osteokondral Defekt ve Tendon Kılıfı Dev Hücreli Tümör Birlikteliğinin Tek Seans Tedavisi(Single Session Treatment of Osteochondral Defect with Giant Cell Tumor of Tendon Sheath at the Ankle)**
IŞIK Ç., ÇAY N., ŞİMŞEK M. E., AKKAYA M., BOZKURT M.
ODÜ Tıp Dergisi/ODU Journal of Medicine, vol.2, no.3, pp.105-108, 2015 (Peer-Reviewed Journal)
- XVI. **Chronic Expanding Hematoma in the Popliteal Fossa after Pseudoaneurysm Surgery because of Nail Puncture.**
Yılmaz S., Cankaya D., Deveci A., Ozkurt B., Simsek M. E., Tabak A. Y., Bozkurt M.
Case reports in orthopedics, vol.2014, pp.961691, 2014 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Patient Position and Setup**
ŞİMŞEK M. E., KAYA Ö.
in: Clinical Anatomy of the Knee, BOZKURT MURAT, ACAR HALİL İBRAHİM, Editor, SPRINGER, pp.97-106, 2021
- II. **Physiotherapy in Orthopedic Knee Injuries: Rehabilitation Program Following Primary and Revision Anterior Cruciate Ligament Reconstruction**
ŞİMŞEK M. E., KAPICIOĞLU M. İ. S.
in: Clinical Anatomy of the Knee, Murat Bozkurt, Halil İbrahim Açar, Editor, springer, pp.323-333, 2021
- III. **Physiotherapy in Orthopedic Knee Injuries: Rehabilitation After Articular Cartilage Repair of the Knee**
ŞİMŞEK M. E., KAPICIOĞLU M. İ. S.
in: Clinical Anatomy of the Knee, Murat Bozkurt, Halil İbrahim Açar, Editor, Springer, pp.283-298, 2021
- IV. **Physiotherapy in Orthopedic Knee Injuries: Rehabilitation Program Following Treatment of Posterior Cruciate Ligament Rupture**
ŞİMŞEK M. E., KAPICIOĞLU M. İ. S.
in: Clinical Anatomy of the Knee, Bozkurt Murat, Acar Halil İbrahim, Editor, SPRINGER, pp.311-321, 2021
- V. **Physiotherapy in Orthopedic Knee Injuries: Rehabilitation Program Following Treatment of Meniscus Repair**
ŞİMŞEK M. E., KAPICIOĞLU M. İ. S.
in: Clinical Anatomy of the Knee, Bozkurt Murat, Acar Halil İbrahim, Editor, Springer, pp.299-310, 2021
- VI. **Physiotherapy in Orthopedic Knee Injuries: Rehabilitation Program Following Tibial and Femoral Osteotomies**
ŞİMŞEK M. E., KAPICIOĞLU M. İ. S.
in: Clinical Anatomy of the Knee, Murat Bozkurt, Halil İbrahim Açar, Editor, Springer, pp.335-339, 2021
- VII. **Patient Position and Setup**
KAYA Ö., ŞİMŞEK M. E.
in: Clinical Anatomy of the Knee, Bozkurt Murat, Açar Halil İbrahim, Editor, springer, Cham, pp.97-106, 2021
- VIII. **PROKSİMAL TİBİOFİBULAR EKLEM YARALANMASI**
BOZKURT M., GÜRİSOY S., AKKAYA M., ŞİMŞEK M. E.
in: Futbol Hekimliği, TAŞER ÖMER FARUK, BAYRAKTAR BÜLENT, Editor, Nobel Tıp Kitabevleri, İstanbul, pp.537-542, 2020
- IX. **Hareket Kısıtlılığı ve Sert Dizlerde Diz Artroplastisi**

ŞİMŞEK M. E., BOZKURT M.

in: Primer Diz Artroplastisi, TANDOĞAN REHA, AŞIK MEHMET, TUNCAY İBRAHİM, AKTEKİN CEM NURİ, Editor, İSTANBUL TIP KİTABEVLERİ, İstanbul, pp.119-126, 2019

X. **BÖLÜM 23 AYAK**

ŞİMŞEK M. E., BOZKURT M.

in: Simon ORTOPEDİK ACİLLER, TOSUN NİHAT, DOĞAN METİN, GÖKHAN ŞERVAN, Editor, AKADEMİSYEN KİTABEVİ, Ankara, pp.544-587, 2018

XI. **Arthroscopic Knot-Tying Techniques**

IŞIK Ç., ŞİMŞEK M. E.

in: Clinical Anatomy of the Shoulder, BOZKURT MURAT, AÇAR HALİL İBRAHİM, Editor, Springer International Publishing, Heidelberg, pp.65-71, 2017

XII. **Arthroscopic Anatomy of Shoulder**

BOZKURT M., ŞİMŞEK M. E., AÇAR H. İ.

in: Clinical Anatomy of the Shoulder, BOZKURT MURAT, AÇAR HALİL İBRAHİM, Editor, Springer International Publishing, Heidelberg, pp.17-23, 2017

XIII. **Otolog Kondrosit İmplantasyonu (ACI) ve Matriks Rehberli Otolog Kondrosit İmplantasyonu (MACI)**

IŞIK Ç., ŞİMŞEK M. E., BOZKURT M.

in: KIKIRDAK, BOZKURT MURAT, TANDOĞAN REHA, AKTEKİN CEM NURİ, ELMALI NURZAT, Editor, İSTANBUL TIP KİTAPEVLERİ, İstanbul, pp.259-264, 2016

Refereed Congress / Symposium Publications in Proceedings

I. **Halluks Rijituslu Hastada: Parsiyel Metatarsal Artroplastisi Metatarsofalangial Artroplastisi**

ŞİMŞEK M. E.

International Medical Congress of İzmir Democracy University – IMCIDU 2019, İzmir, Turkey, 6 - 08 December 2019, pp.95-96

II. **Total diz artroplastisinde tek başına lokal yüksek doz, lokal düşük doz ve intravenöz traneksamik asit uygulanmasının kan kaybı ve transfüzyon miktarı üzerine etkisi**

ŞİMŞEK M. E.

29. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 22 - 27 October 2019, vol.53, pp.10

III. **Kapsül Dışı Kalça Kırıklarında Lokal Traneksamik Asit Uygulamasının Post-Operatif Kanama Üzerine Etkisi**

ŞİMŞEK M. E.

4. ULUSLARARASI ORTOPEDİK TRAVMA KAMPI, İzmir, Turkey, 25 - 28 April 2019, pp.78-92

IV. **Muscle Strength But Not Balance Improves After Arthroscopic Biodegradable Polyurethane Meniscus Scaffolds Application**

AKKAYA M., GÜRSOY S., ÖZBERK N., KORKUSUZ F., ŞİMŞEK M. E., BOZKURT M.

ULUSLARARASI 9. BİYOMEKANİK KONGRESİ, Eskişehir, Turkey, 19 - 22 September 2018

V. **Ağrı Yönetiminde Güncel Tedavi Yöntemleri**

ŞİMŞEK M. E.

8. Ulusal Ortopedi ve Travmatoloji Hemşireliği Kongresi, Antalya, Turkey, 24 - 29 October 2017, pp.27

VI. **FUTBOLCULARDA PARSİYEL QUADRİCEPS TENDON RÜPTÜRÜ TEDAVİSİNDE PRP(PLATELET RICH PLASMA) UYGULAMASI**

IŞIK Ç., TECİMELE O., FIRAT A., AKKAYA M., GÜRSOY S., ŞİMŞEK M. E., BOZKURT M.

23. ULUSAL TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ, Antalya, Turkey, 29 October - 03 November 2013

VII. **Etlik ihtisas eğitim ve araştırma hastanesi ortopedi kliniğini ameliyatlarında cilt antisepsisinde 2 klorheksidin 62 etanol ile 10 povidon-iyot solusyonlarının karşılaştırılması**

TEKİN A., TOROS YAPAR G., ÜNAL K. O., ŞİMŞEK M. E.

HASTANE İNFEKSİYONLARI KONGRESİ, Antalya, Turkey, 12 - 15 April 2012, pp.241-24

Metrics

Publication: 52

Citation (WoS): 66

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H-Index (WoS): 5

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