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Date of Birth and Place : 12/05/1985 – Istanbul

Position : Associate Professor in Orthopaedics and Trauma

Foreign Language : English(intermediate)

TITLE AND SUPERVISOR OF SPECIALTY OF MEDICINE THESIS:

- Balance and Muscle Strength Analysis Results in Patients with Arthroscopic Treatment of Meniscus Implants
(**Supervisor - Prof. Murat Bozkurt**)

SPECIAL SURGICAL INTERESTS

- Joint surgery; knee, hip and shoulder (Arthroplasty, Arthroscopy)
- Trauma surgery
- Orthopaedic regenerative treatments
- Limb lengthening surgery
- Periprosthetic joint surgery

AFFILIATION AND TASKS:

- 2024 - : Ankara Guven Hospital, Department of Orthopaedics and Traumatology , Professor
- 2024 - : Yuksek Ihtisas University, Department of Orthopaedics and Traumatology , Professor
- 2019 - 2023 : Ankara Yildirim Beyazit University, Department of Orthopaedics and Traumatology , Associate Professor
- 2017 – 2019 : Ankara Yildirim Beyazit University, Department of Orthopaedics and Traumatology , Asistant Professor
- 2015 – 2017 : Ankara Yildirim Beyazit University Ankara Yenimahalle Training and Research Hospital - Consultant in Orthopaedic and Trauma
- 2013 – 2015 : Ankara Yildirim Beyazit University, Department of Orthopaedics and Traumatology , Resident Education
- 2009 – 2013 : Ankara Etlik İhtisas Training and Research Hospital Orthopaedic and Traumatolgy, Resident Education

ACADEMIC QUALIFICATION AND DUTIES:

- 2022 – 2022 : European Knee Society, Knee Arthroplasty Travelling Fellow
- 2021 – 2022 : Helios ENDO-Klinik Hamburg, Department of Orthopaedic Surgery, Clinical Fellow
- 2016 – 2020 : PhD , Ankara Yildirim Beyazit University, Muscoloskeletal and Rejenerative Medicine
- 2014 - 2014 : 2nd Orthopaedic and Trauma Clinic, Istituto Ortopedico Rizzoli, Bologna, Italy (Fellowship)
- 2013 - 2013 : Atos Clinic, Department of Orthopaedic Surgery, Heidelberg, Germany (Fellowship)
- 2009 – 2015 : Yildirim Beyazit University Ankara Yenimahalle Training and Research Hospital (Orthopaedic and Traumatolgy Resident Education)
- 2003 – 2009 : Gazi University School of Medicine (Health Science/Medicine)
- 1996 – 2003 : Ankara Cumhuriyet Anatolian High School

SCIENTIFIC ORGANIZATION MEMBERSHIPS:

1. Turkish Orthopaedic Research Council (TOAK) - **Board member 2021 +**
2. Turkish Resident and Young Orthopaedic Surgeons Council (TOTBID-AGUH) – **President 2016 - 2018**
3. Turkish Resident and Young Orthopaedic Surgeons Council (TOTBID-AGUH) – **General Secretary 2014 - 2016**
4. Federation of Orthopaedic Trainees in Europe (FORTE) –**Board member 2014 +**
5. Turkish Society of Orthopaedics and Traumatology – **Member 2015 +**
6. Turkish Bone and Joint Society – **Member 2015 +**
7. Turkish Orthopaedics Research Council - **Board member 2021 +**
8. Asia Pacific Orthopaedic Association – **Young Ambassador 2021**
9. Turkish Hip and Knee Artroplasty Association – **Member 2021**
10. European Knee Society – **Active Member 2022 +**
11. European Bone and Joint Infection Society - **Member 2022**

TASKS IN PROJECTS:

1. “Determining the bone-implant and soft tissue healing by measuring the contact pressure on the surface”. Ministry of Health R&D Project, project acceptance date :9th of January, 2012 (**Project manager**)
2. Implantation of chondrocytes differentiated from autologous stem cells using biotechnological targeting microspheres for the treatment of osteochondral defects. The Scientific and Technological Research Council of Turkey 1003 Project. No: 213M683. (**Researcher**)
3. Novel Approach: Transnational Postgraduate Education and Training Programme in Musculoskeletal Regenerative Research, Erasmus Plus Project (**Researcher**)
4. European School for Training in Ortopaedics, Erasmus Plus Project (**Researcher**)
5. The Effect of Covid19 on Periprosthetic Joint Infection in Patients After Intertrochanteric Femur Fracture Surgery, The Scientific and Technological Research Council of Turkey, 2209-A, 2022 (**Project manager**)
6. Investigation of the Effects of Patient Information on Anxiety and Recovery with Different Methods Before Total Knee Arthroplasty, The Scientific and Technological Research Council of Turkey, 2209-A, 2022 (**Project manager**)
7. Investigation of the Effect of Covid-19 Pandemic on Mortality in Hip Fracture Patients, The Scientific and Technological Research Council of Turkey, 2209-A, 2022 (**Project manager**)

8. Evaluation of Thiol Disulfide Homeostasis in Femoral Head Avascular Necrosis, The Scientific and Technological Research Council of Turkey, 2209-A, 2022 (**Project manager**)

LIST OF PUBLICATIONS (International):

1. The effect of high tibial osteotomy and unicompartmental knee arthroplasty on patellofemoral joint in young patients with medial knee arthrosis.
Nazlıgül AS, Gürler A, Tecimel O, Yılmaz S, Doğan M, **Akkaya Mustafa**. Arch Orthop Trauma Surg. 2024 Sep 13. doi: 10.1007/s00402-024-05480-6.
2. The Traditional Intramedullary Axis Underestimates the Medial Tibial Slope Compared to Transmalleolar Sagittal Axis in Image-based Robotic-Assisted Unicompartmental Knee Arthroplasty.
Chirico M, Zanna L, **Akkaya Mustafa**, Carulli C, Civinini R, Innocenti M. J Knee Surg. 2024 Aug 16. doi: 10.1055/a-2376-6999. Online ahead of print.
3. Mid-Term Clinical and Radiological Changes in the Ankle Joint in Varus Knee Osteoarthritis Following Total Knee Arthroplasty.
Nazlıgül AS, Doğan M, Duran İ, Moya-Angeler J, **Akkaya Mustafa**. J Clin Med. 2024 Aug 10;13(16):4700. doi: 10.3390/jcm13164700.
4. Individualized megaimplants in acetabular revision arthroplasty: what have we learned in the last 15 years?
Gehrke T, Citak M, **Akkaya Mustafa**. (2024) EFORT Open Rev. 2024 May 10;9(5):357-362. doi: 10.1530/EOR-24-0064.
5. What Is the Rate of Antimicrobial Resistance of a Prosthetic Joint Infection in a Major Orthopaedic Centre?
Coskun B, Ayhan M, Bozer M, Ozaslan HI, Dogan M, Citak M, **Akkaya Mustafa**. (2024) Antibiotics (Basel). 2024 Mar 28;13(4):306. doi: 10.3390/antibiotics13040306.
6. Long-term outcomes of first metatarsophalangeal hemiarthroplasty for hallux rigidus.
Akcaalan S, Kavaklılar A, Caglar C, Simsek ME, Gursoy S, **Akkaya Mustafa**. (2024) Foot Ankle Surg. 2024 Feb 12:S1268-7731(24)00030-4. doi: 10.1016/j.fas.2024.02.002. Online ahead of print. PMID: 38395674
7. Survival analysis of 3D printed acetabular implants in revision total hip arthroplasty associated with severe pelvic discontinuities.
Álvarez Valdivielso A, **Akkaya Mustafa**, Mau H, Luo TD, Gehrke T, Citak M. (2024) Technol Health Care. 2024 Feb 7. doi: 10.3233/THC-231647. Online ahead of print. PMID: 38427516
8. Is tranexamic acid safe for the hip joint?
Akcaalan S, Akcan G, Tufan AC, Caglar C, Akcaalan Y, **Akkaya Mustafa**, Dogan M. (2024) Naunyn Schmiedebergs Arch Pharmacol. 2024 Feb;397(2):1197-1207. doi: 10.1007/s00210-023-02693-1. Epub 2023 Aug 30. PMID: 37644283
9. Organism profile and C-reactive protein (CRP) response are different in periprosthetic joint infection in patients with hepatitis.

Akkaya Mustafa, Akcaalan S, Perrone FL, Sandiford N, Gehrke T, Citak M. (2024) Arch Orthop Trauma Surg. 2024 Jan;144(1):341-346. doi: 10.1007/s00402-023-05059-7. Epub 2023 Sep 24. PMID: 37742285

10. Tranexamic acid administered intraarticularly to the knee is safer for the articular cartilage and anterior cruciate ligament compared to intravenous administration: Histological analysis of an experimental rat model.
Çağlar C, Akçaalan S, Akçaalan Y, Akcan G, Tufan AC, **Akkaya Mustafa**, Doğan M. (2023) Naunyn Schmiedebergs Arch Pharmacol. 2024 Feb;397(2):1045-1051. doi: 10.1007/s00210-023-02666-4. Epub 2023 Aug 11. PMID: 37566306
11. Does Morphology of the Shoulder Joint Play a Role in the Etiology of Rotator Cuff Tear?
Çağlar C, Akçaalan S, **Akkaya Mustafa**, Doğan M. Curr Med Imaging. 2023 Apr 26. doi: 10.2174/1573405620666230426141113. Online ahead of print. PMID: 37170976
12. Do age, gender, and region affect tibial slope? A multi-center study.
Akçaalan S, **Akkaya Mustafa**, Dogan M, Valdivielso AA, Zeiton MA, Mohammad HR, Sangaletti R, Benazzo F, Kara S, Gehrke T, Citak M. (2023) Arch Orthop Trauma Surg. 2023 Dec;143(12):6983-6991. doi: 10.1007/s00402-023-04976-x. Epub 2023 Jul 13. PMID: 37438581
13. Is large unstained cell percentage (%LUC) a novel diagnostic marker for periprosthetic joint infections?
Akçaalan S, Akbulut B, Çağlar C, Innocenti M, Uğurlu M, Dogan M, **Akkaya Mustafa**. (2023) Technol Health Care. 2023 Nov 9. doi: 10.3233/THC-230903. Online ahead of print. PMID: 38073350
14. A Novel Radiological Classification System of the Proximal Humerus.
Sangaletti R, Abuljadail S, **Akkaya Mustafa**, Zanna L, Gehrke T, Citak M. (2023) Z Orthop Unfall. 2023 Nov 8. doi: 10.1055/a-2195-0914. Online ahead of print. PMID: 37939727
15. What Is the Most Reliable Concordance Rate of Preoperative Synovial Fluid Aspiration and Intraoperative Biopsy to Detect Periprosthetic Joint Infection in Knee, Hip and Shoulder Arthroplasty?
Akkaya Mustafa, Zanna L, Sangaletti R, Bokhari A, Gehrke T, Citak M. (2023) Antibiotics (Basel). 2023 Sep 25;12(10):1482. doi: 10.3390/antibiotics12101482. PMID: 37887183
16. Investigation of Morphometric Factors Associated With Adolescent ACL Rupture.
Akcaalan S, Kavaklilar A, Caglar C, Ugurlu M, Dogan M, **Akkaya Mustafa** (2023). Orthop J Sports Med. 2023 Sep 7;11(9):23259671231194928. doi: 10.1177/23259671231194928. eCollection 2023 Sep. PMID: 37693804
17. The effects of different taping methods on patellofemoral alignment, pain and function in individuals with patellofemoral pain: A randomized controlled trial.
Songur A, Demirdel E, Kılıc O, Akin ME, Alkan A, **Akkaya Mustafa** (2023) PM R. 2023 Aug 29. doi: 10.1002/pmrj.13067. Online ahead of print. PMID: 37641891
18. Six years of experience with the nationwide newborn ultrasonographic hip screening program in Turkey: a considerable change in the type of surgical interventions in developmental dysplasia of the hip.

Kapicioğlu MIS, Karataş AF, **Akkaya Mustafa**, Korkusuz F, Ömeroğlu H. (2023) J Pediatr Orthop B. 2023 Aug 7. doi: 10.1097/BPB.0000000000001110. Online ahead of print. PMID: 37548687

19. Setting the Tibial Component Rotation Based on Femoral Landmarks Allows Congruent Knee Kinematics in Robotic-Assisted Medial Unicompartmental Knee Replacement.
Innocenti M, Zanna L, **Akkaya Mustafa**, Huber K, Christen B, Calliess T. J Pers Med. 2023 Apr 4;13(4):632. doi: 10.3390/jpm13040632. PMID: 37109018
20. What is the rate of successful closed reduction of dislocated dual mobility cups following complex revision hip arthroplasty?
Unter Ecker N, Sangaletti R, Ohlmeier M, **Akkaya Mustafa**, Ekhtiari S, Klaber I, Gehrke T, Citak M. Arch Orthop Trauma Surg. 2023 Mar 31. doi: 10.1007/s00402-023-04826-w. Online ahead of print. PMID: 37000267
21. The anatomical shape of the proximal femur correlates with the distal femur anatomy.
van den Eeden YNT, Zeiton M, **Akkaya Mustafa**, Salber J, Gehrke T, Citak M. Arch Orthop Trauma Surg. 2023 Mar 19. doi: 10.1007/s00402-023-04833-x. Online ahead of print. PMID: 36934328
22. What is the Safe Distance Between Hip and Knee Implants to Reduce the Risk of Ipsilateral Metachronous Periprosthetic Joint Infection?
Akkaya Mustafa, Vles G, Sangaletti R, Zanna L, Gehrke T, Citak M. Clin Orthop Relat Res. 2023 Mar 2. doi: 10.1097/CORR.0000000000002598. Online ahead of print. PMID: 36862067
23. Periprosthetic joint infection in patients with multiple arthroplasties.
Sangaletti R, Zanna L, **Akkaya Mustafa**, Sandiford N, Ekhtiari S, Gehrke T, Citak M. Bone Joint J. 2023 Mar 1;105-B(3):294-300. doi: 10.1302/0301-620X.105B3.BJJ-2022-0800.R1. PMID: 36854322
24. Anatomical risk factors for aseptic loosening of full hinge knee prosthesis in primary and revision TKAs.
Linke P, Wilhelm P, Levent A, Gehrke T, Salber J, **Akkaya Mustafa**, Suero EM, Citak M. Arch Orthop Trauma Surg. 2023 Jan 16. doi: 10.1007/s00402-023-04776-3. Online ahead of print. PMID: 36645460
25. Adult Proximal Humeral Locking Plate Is a Good Alternative Option in the Treatment of Adolescent Subtrochanteric Femur Fractures: A Case Series and Literature Review.
Çağlar C, Akçaalan S, Bozer M, **Akkaya Mustafa**. Hip Pelvis. 2022 Dec;34(4):245-254. doi: 10.5371/hp.2022.34.4.245. Epub 2022 Dec 3. PMID: 36601609
26. Role of Biomarkers in Periprosthetic Joint Infections.
Akcaalan S, Ozaslan HI, Caglar C, Şimşek ME, Citak M, **Akkaya Mustafa**. Diagnostics (Basel). 2022 Nov 25;12(12):2958. doi: 10.3390/diagnostics12122958. PMID: 36552965
27. What is the concordance rate of preoperative synovial fluid aspiration and intraoperative biopsy in detecting periprosthetic joint infection of the shoulder?
Zanna L, Sangaletti R, **Akkaya Mustafa**, Shen T, Abuljadail S, Gehrke T, Citak M. J Shoulder Elbow Surg. 2023 Mar;32(3):492-499. doi: 10.1016/j.jse.2022.10.008. Epub 2022 Nov 5. PMID: 36343792

28. Fixation of the neglected subcutaneous osteochondral fragment of large medial femoral condyle defect in adult male: A case report.
Akkaya Mustafa, Simsek ME, Caglar C, Nazligul AS, Akcaalan S, Gursoy S.J ISAKOS. 2022 Jun;7(3):39-43. doi: 10.1016/j.jisako.2022.02.001. Epub 2022 Feb 19. PMID: 36178395
29. Twenty-year results of a neck-preserving short-stem prosthesis in primary total hip arthroplasty.
Piakong P, Pahl M, Delgado G, **Akkaya Mustafa**, Busch SM, Salber J, Gehrke T, Citak M. Arch Orthop Trauma Surg. 2022 Jul 29. doi: 10.1007/s00402-022-04556-5. Online ahead of print. PMID: 35906493
30. Clinical and functional outcome of total hip arthroplasty in patients with acromegaly: mean twelve year follow-up.
Akkaya Mustafa, Pignataro A, Sandiford N, Gehrke T, Citak M. Int Orthop. 2022 May 21. doi: 10.1007/s00264-022-05447-5. Online ahead of print.
31. Is the risk of periprosthetic joint infection in patients undergoing total hip and knee joint arthroplasty in the multi-unit operating room higher than in the classical single-unit operating room?
Abuljadail S, **Akkaya Mustafa**, Sangaletti R, Sandiford N, Gehrke T, Citak M. Int Orthop. 2022 Apr 12. doi: 10.1007/s00264-022-05391-4. Online ahead of print.
32. What is the rate of reinfection with different and difficult-to-treat bacteria after failed one-stage septic knee exchange?
Akkaya Mustafa, Vles G, Bakhtiari IG, Sandiford A, Salber J, Gehrke T, Citak M. Int Orthop. 2022 Apr;46(4):687-695. doi: 10.1007/s00264-021-05291-z. Epub 2022 Jan 4.
33. Anatomically Fixed Posterior Malleolar Fractures in Syndesmosis Injuries without Transsyndesmotom Screw Fixation.
Çağlar C, Akcaalan S, **Akkaya Mustafa**. Foot Ankle Int. 2022 Apr;43(4):486-494. doi: 10.1177/10711007211060067. Epub 2021 Dec 14.
34. Recommendations from the ICM-VTE: General. ICM-VTE General Delegates. J Bone Joint Surg Am. 2022 Mar 16;104(Suppl 1):4-162. doi: 10.2106/JBJS.21.01531.
35. Risk factors for mortality following one-stage septic hip arthroplasty - a case-control study.
Busch SM, Citak M, **Akkaya Mustafa**, Prange F, Gehrke T, Linke P. Int Orthop. 2022 Mar;46(3):507-513. doi: 10.1007/s00264-021-05230-y. Epub 2021 Sep 30.
36. The anatomical shape of the distal femur is an independent risk factor for aseptic loosening following one-stage septic knee revision using rotating hinge knee prosthesis.
Scholz T, **Akkaya Mustafa**, Linke P, Busch SM, Gehrke T, Salber J, Citak M. Arch Orthop Trauma Surg. 2022 Jan 3. doi: 10.1007/s00402-021-04327-8. Online ahead of print.
37. In-hospital complications following total knee and hip arthroplasty in patients with human immunodeficiency virus.
Akkaya Mustafa, Buday Z, Akcaalan S, Linke P, Gehrke T, Citak M. Jt Dis Relat Surg. 2022;33(1):3-8. doi: 10.52312/jdrs.2022.550. Epub 2022 Mar 28.

38. Validity of the Novel Radiological Classification System of the Distal Femur. **Akkaya Mustafa**, Simsek ME, Akcaalan S, Caglar C, Gursoy S, Citak M. (2021). *Z Orthop Unfall*. 2021 Dec 8. doi: 10.1055/a-1685-0955. Online ahead of print.
39. Low-Degree Tibial Slope Angle Prevents Component Overhang by Enlarging the Lateral Plateau Surface Area in Total Knee Arthroplasty. Simsek ME, **Akkaya Mustafa**, Gursoy S, Kaya Ö, Bozkurt M. (2020). *J Knee Surg*. 2020 Oct 27. doi: 10.1055/s-0040-1718598. Online ahead of print.
40. Radiographs are not sufficient for evaluation of component fit in subtle knee pain after total knee arthroplasty. Simsek ME, Gursoy S, **Akkaya Mustafa**, Kapicioglu MIS, Bozkurt M. (2020). *Knee Surg Sports Traumatol Arthrosc*. 2020 Jun;28(6):2015-2022. doi: 10.1007/s00167-020-05940-7.
41. Muscle strength but not balance improves after arthroscopic biodegradable polyurethane meniscus scaffold application. **Akkaya Mustafa**, Gursoy S, Ozberk N, Simsek ME, Korkusuz F, Bozkurt M. (2020) *Musculoskelet Surg*. 2020 Sep 22. doi: 10.1007/s12306-020-00681-9. Online ahead of print.
42. Local curvature mismatch may worsen the midterm functional outcomes of osteochondral allograft transplantation. Gursoy S, Simsek ME, **Akkaya Mustafa**, Kaya O, Bozkurt M. (2020). *Knee Surg Sports Traumatol Arthrosc*. 2020 Oct 12. doi: 10.1007/s00167-020-06319-4. Online ahead of print.
43. Medial Meniscus Scaffold Implantation in Combination with Concentrated Bone Marrow Aspirate Injection: Minimum 3-Year Follow-up. **Akkaya Mustafa**, Şimşek ME, Gürsoy S, Çay N, Bozkurt M. (2020). *J Knee Surg*. 2020 Aug;33(8):838-846. doi: 10.1055/s-0040-1701452.
44. General Assembly, Prevention, Operating Room Environment: Proceedings of International Consensus on Orthopedic Infections. Aalirezaie A, **Akkaya Mustafa**, Barnes CL, Bengoa F, Bozkurt M, Cichos KH, Ghanem E, Darouiche RO, Dzerins A, Gursoy S, Illiger S, Karam JA, Klaber I, Komnos G, Lohmann C, Merida E, Mitt P, Nelson C, Paner N, Perez-Atanasio JM, Reed M, Sangster M, Schweitzer D, Simsek ME, Smith BM, Stocks G, Studers P, Talevski D, Teuber J, Travers C, Vince K, Wolf M, Yamada K, Vince K. (2019). *J Arthroplasty*. 2019 Feb;34(2S):S105-S115. doi: 10.1016/j.arth.2018.09.060.
45. Autologous stem cell-derived chondrocyte implantation with bio-targeted microspheres for the treatment of osteochondral defects. Bozkurt M, Aşık MD, Gürsoy S, Türk M, Karahan S, Gümüşkaya OB, **Akkaya Mustafa**, Şimşek ME, Çay N, Doğan M (2019). *Journal of Orthopaedic Surgery and Research*, 14(1), Doi: 10.1186/s13018-019-1434-0
46. Three-dimensional analysis of acetabular cup orientation and an evaluation of the relationship with pelvic sagittal parameters. Sahin A, Şimşek ME, Gürsoy S, **Akkaya Mustafa**, Işık C, Bozkurt M (2019). *Journal of Orthopaedic Surgery*, 27(2), 230949901986122, Doi: 10.1177/2309499019861225
47. Microarray analysis of cartilage: comparison between damaged and non-weight-bearing healthy cartilage.

Aşık MD, Gürsoy S, **Akkaya Mustafa**, Kozacı LD, Doğan M, Bozkurt M (2019). Connective Tissue Research, 1-9., Doi: 10.1080/03008207.2019.1611797

48. Does inflammatory joint diseases affect the accuracy of infection biomarkers in patients with periprosthetic joint infections? A prospective comparative reliability study.
Tahta M, Şimşek ME, Işık C, **Akkaya Mustafa**, Gürsoy S, Bozkurt M (2019). Journal of Orthopaedic Science, 24(2), 286-289., Doi: 10.1016/j.jos.2018.08.022
49. Metatarsal Head Resurfacing versus Total Joint Arthroplasty in the Treatment of Hallux Rigidus.
Gürsoy S, **Akkaya Mustafa** (2019). Merit Research Journal of Medicine and Medical Sciences, 7(3), 94-99., Doi: 10.5281/zenodo.2604710
50. Definition of a Novel Proximal Femur Classification in Sagittal Plane According to Femur Morphometric Analysis.
Bozkurt M, Gürsoy S, Şotat N, Şimşek ME, **Akkaya Mustafa**, Parvizi J (2019). The Journal of Arthroplasty, Doi: 10.1016/j.arth.2019.03.005
51. Functional outcomes of bone marrow aspirate concentrate application in osteoarthritis of the knee.
Gürsoy S, **Akkaya Mustafa**, Şimşek ME, Bozkurt M (2019). International Journal of Research in Medical Sciences, 7(2), 587-592., Doi: 10.18203/2320-6012.ijrms20190076
52. Factors Influencing the Results in Matrix-Associated Autologous Chondrocyte Implantation: A 2 - 5 Year Follow-Up Study.
Gürsoy S, **Akkaya Mustafa**, Şimşek ME, Gürsoy BM, Doğan M, Bozkurt M (2019). Journal of Clinical Medicine Research, 11(2), 137-144., Doi: 10.14740/jocmr3711
53. Clinical Outcomes of Proximal Opening-Wedge Osteotomy and Distal Chevron Osteotomy in the Treatment of Moderate Hallux Valgus Deformity. **Akkaya Mustafa**, Şimşek ME, Gürsoy S, Bozkurt M (2019). Journal of Medical Science And clinical Research, 7(2), 753-760., Doi: 10.18535/jmscr/v7i2.131
54. Micro or Nano Does not affect the Functional Outcomes in the Midterm Follow-up.
Gürsoy S, Şimşek ME, **Akkaya Mustafa**, Işık C, Doğan M, Bozkurt M (2019). International Journal of Contemporary Medical Research [IJCMR], 6(2), 3-7., Doi: 10.21276/ijcmr.2019.6.2.12
55. The morphologic relationship of the lesser trochanter with the femoral neck and greater trochanter.
Akkaya Mustafa, Gürsoy S, Şimşek ME, Işık C, Açar HI, Bozkurt M (2019). International Journal of Research in Medical Sciences, 7(2), 572-576., Doi: 10.18203/2320-6012.ijrms20190023
56. Sonoelastography of the knee joint.
Akkaya Mustafa, Çay N, Gürsoy S, Şimşek ME, Tahta M, Doğan M, Bozkurt M (2019). CLINICAL ANATOMY, 32(1), 99-104., Doi: 10.1002/ca.23300
57. Transtrochanteric approach can provide better postoperative care and lower complication rate in the treatment of hip fractures.
Gürsoy S, Şimşek ME, **Akkaya Mustafa**, Doğan M, Bozkurt M (2019). Clinical Interventions in Aging, 14(14), 137-143., Doi: 10.2147/CIA.S194880

58. Fixed-Bearing Unicompartamental Knee Arthroplasty Tolerates Higher Variance In Tibial Implant Rotation Than Mobile-Bearing Designs.
Özcan C, Şimşek Me, Tahta M, **Akkaya Mustafa**, Gürsoy S, Bozkurt M (2019). Archives Of Orthopaedic And Trauma Surgery, 138(10), 1463-1469., Doi: 10.1007/S00402-018-3005-Y
59. Bilayer Matrix Autologous Chondrocyte Implantation without Bone Graft for Knee Osteochondral Lesion Less than 8 mm Deep.
Bozkurt M, Işık C, Gürsoy S, **Akkaya Mustafa**, Algin O, Doğan M (2018). Journal of Knee Surgery, 31(9), 851-857.
60. Posterolateral Overhang Affects Patient Quality Of Life After Total Knee Arthroplasty.
Şimşek Me, **Akkaya Mustafa**, Gürsoy S, Işık C, Zahar A, Tarabichi S, Bozkurt M (2018). Archives Of Orthopaedic And Trauma Surgery 138(3), 409-418., Doi:10.1007/S00402-017-2850-4
61. Good clinical results can be obtained along with reduced risk of tunnel communication with a new technique in concomitant meniscus transplantation and ACL reconstruction.
Bozkurt M, Tahta M, **Akkaya Mustafa**, Işık C, Gürsoy S (2018). Knee Surgery, Sports Traumatology, Arthroscopy, 26(2), 622-627., Doi: 10.1007/s00167-017-4576-9
62. Tibial Base Plate for Total Knee Arthroplasty: Symmetric or Asymmetric?. Bozkurt M, **Akkaya Mustafa**, Tahta M, Gürsoy S, Firat A (2017). Clinics in Orthopedic Surgery, 9(3), 280-285., Doi: 10.4055/cios.2017.9.3.280
63. Total and intercondylar notch bone resection in posterior stabilized knee arthroplasty: analysis of five manufacturer designs.
Bozkurt M, Tahta M, Gürsoy S, **Akkaya Mustafa** (2017). Knee Surgery, Sports Traumatology, Arthroscopy, 25(6), 1731-1735., Doi: 10.1007/S00167-015-3864-5
64. Arthroscopic treatment of osteochondral lesions of the talus: Nanofracture versus hyaluronic acid-based cell-free scaffold with concentration of autologous bone marrow aspirate.
Tahta M, **Akkaya Mustafa**, Gürsoy S, Işık C, Bozkurt M (2017). Journal of Orthopaedic Surgery, 25(2), 1-5., Doi: 10.1177/2309499017717870
65. The combined use of oral and topical tranexamic acid is a safe, efficient and low-cost method in reducing blood loss and transfusion rates in total knee arthroplasty.
Çankaya D, Daşar U, Satılmış AB, Başaran SH, **Akkaya Mustafa**, Bozkurt M (2017). Journal of Orthopaedic Surgery, 25(1), 1-6., Doi: 10.1177/2309499016684725
66. Evaluation Of The Orthopaedics And Traumatology Resident Education In Turkey: A Defining Study.
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