

CURRICULUM VITAE

Name and Surname: ÖZAL ÖZCAN
Academic Title: Professor Dr.
Work Address:
Email: ozal.ozcan@afsu.edu.tr
Area of Expertise: Health Sciences

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1.** Yılmaz B. K., Issı Ç. T., Yeşil M., Kaya F., Özcan Ö., "The impact of Achilles tendon thickness and Kager's fat pad thickness on clinical and functional outcomes following open surgical repair of acute Achilles tendon rupture Akut aşil tendon rüptürü açık cerrahi onarımı sonrasında Aşil tendon kalınlığı ve Kager yağ yastığı kalınlığının klinik ve fonksiyonel sonuçlar üzerindeki etkisi", *Turkish Journal of Trauma and Emergency Surgery*, vol. 31, no. 6, pp. 587-595, 2025.
- A2.** Taşvuran Horata E., Eken F., Yeşil M., Özcan Ö., "Validity and reliability of the modified four square step test in total HIP arthroplasty", *Journal of Bodywork and Movement Therapies*, vol. 40, pp. 345-349, 2024.
- A3.** Altın R., Yeşil M., Özcan Ö., Karaca Ç., Şen S., Fırat F., "An investigation into the cellular-level adverse effects of tourniquet use on the infrapatellar fat pad in primary total knee arthroplasty: A prospective randomized study", *ACTA ORTHOPAEDICA et TRAUMATOLOGICA TURCICA*, vol. 57, no. 5, pp. 283-288, 2023.
- A4.** Özcan Ö., Yeşil M., Boya H., Erginoğlu S. E., Yücel A., Yılmaz B. K., "Acquired changes in thickness and length of patellar tendon after primary total knee arthroplasty: a prospective ultrasonographic study with over 4 years of follow-up", *Acta Orthopaedica Belgica*, vol. 89, no. 1, pp. 103-111, 2023.
- A5.** Yeşil M., Özcan Ö., Dündar Ü., Toktas H., Yeşil H., "Aquatic vs. land-based exercise after arthroscopic partial meniscectomy in middle-aged active patients with a degenerative meniscal tear: A randomized, controlled study", *Journal of Orthopaedic Science*, vol. 28, no. 2, pp. 391-397, 2023.
- A6.** Yeşil M., Özcan Ö., Karasu N., Yılmaz B. K., "Atypical compartment syndrome of the forearm due to mixed infection with *Proteus mirabilis* and *Morganella morganii* after a penetrating injury: A limb-saving approach", *JOINT DISEASES AND RELATED SURGERY*, vol. 34, no. 3, pp. 752-756, 2023.
- A7.** Özcan Ö., Eroglu M., Boya H., Kaya Y., "Proximal tibiofibular joint pain versus peroneal nerve dysfunction: clinical results of closed-wedge high tibial osteotomy performed with proximal tibiofibular joint disruption", *Knee Surgery, Sports Traumatology, Arthroscopy*, vol. 25, no. 9, pp. 2936-2941, 2017.
- A8.** Boya H., Tuncali B., Özcan Ö., Araç Ş., Tuncay C., "Practice of tourniquet use in Turkey: A pilot study", *Acta Orthopaedica et Traumatologica Turcica*, vol. 50, no. 2, pp. 162-170, 2016.
- A9.** Eroğlu M., Kokulu S., Koca H. B., Demirboğan M. E., Doğan Bakı E., Özcan Ö., "The effects of general and spinal anesthesia on systemic inflammatory response in patients undergoing total knee arthroplasty", *Eklem Hastalıkları Cerrahisi*, vol. 27, no. 3, pp. 153-159, 2016.
- A10.** Boya H., Özcan Ö., Tokyol Ç., "Osteochondroma of the talus an unusual location", *ACTA ORTHOPAEDICA et TRAUMATOLOGICA TURCICA*, vol. 48, no. 2, pp. 236-239, 2014.
- A11.** Zeren B., Öztekin H. H., Boya H., Özcan Ö., "Symptomatic entrapment of an anomalous semimembranosus muscle by the semitendinosus tendon in a professional soccer player: A case report", *American Journal of Sports Medicine*, vol. 37, no. 10, pp. 2049-2052, 2009.
- A12.** Özcan Ö., Boya H., Öztekin H. H., "Clinical evaluation of the proximal tibiofibular joint in knees with severe tibiofemoral primary osteoarthritis", *Knee*, vol. 16, no. 4, pp. 248-250, 2009.
- A13.** Boya H., Özcan Ö., Öztekin H. H., "Long-term complications of open carpal tunnel release", *Muscle and Nerve*, vol. 38, no. 5, pp. 1443-1446, 2008.
- A14.** Öztekin H. H., Boya H., Özcan Ö., Zeren B., Pinar P., "Pain and affective distress before and after ACL surgery: A comparison of amateur and professional male soccer players in the early postoperative period", *Knee*, vol. 15, no. 5, pp. 368-372, 2008.

- A15.** Boya H., Özcan Ö., Öztekin H. H., "Radiological evaluation of the proximal tibiofibular joint in knees with severe primary osteoarthritis", *Knee Surgery, Sports Traumatology, Arthroscopy*, vol. 16, no. 2, pp. 157-159, 2008.
- A16.** Arac S., Boya H., Özcan Ö., Öztekin H., "Anterior capsular repair in total hip arthroplasty performed for late-presenting displaced femoral neck fractures", *HIP International*, vol. 16, no. 3, pp. 198-201, 2006.
- A17.** Özcan Ö., Karapınar H., Boya H., Uyulgan B., Gunal I., "The biomechanical effects of talectomy on the foot", *Journal of the American Podiatric Medical Association*, vol. 96, no. 6, pp. 495-498, 2006.
- A18.** Boya H., Özcan Ö., Tandoğan R., Günel I., Araç Ş., "Os vesalianum pedis", *Journal of the American Podiatric Medical Association*, vol. 95, no. 6, pp. 583-585, 2005.
- A19.** Boya H., Özcan Ö., Araç S., Tandoğan R., "Incomplete scapholunate and trapeziotrapezoid coalitions with an accessory carpal bone", *Journal of Orthopaedic Science*, vol. 10, no. 1, pp. 99-102, 2005.
- A20.** Akseki D., Özcan Ö., Boya H., Pinar H., "A new weight-bearing meniscal test and a comparison with McMurray's test and joint line tenderness", *Arthroscopy - Journal of Arthroscopic and Related Surgery*, vol. 20, no. 9, pp. 951-958, 2004.
- A21.** Pinar H., Gül Ö., Boya H., Özcan C., Özcan Ö., "Osteochondrosis of the primary ossification center of the patella (Köhler's disease of the patella) report of three cases", *Knee Surgery, Sports Traumatology, Arthroscopy*, vol. 10, no. 3, pp. 141-143, 2002.
- A22.** Tatari H., Koşay C., Baran O., Özcan Ö., Özer E., "Deleterious effects of local corticosteroid injections on the Achilles tendon of rats", *Archives of Orthopaedic and Trauma Surgery*, vol. 121, no. 6, pp. 333-337, 2001.
- A23.** Tatari H., Koşay C., Baran Ö., Özcan Ö., Özer E., Ulukuş Ç., "Effect of heparin on tendon degeneration: An experimental study on rats", *Knee Surgery, Sports Traumatology, Arthroscopy*, vol. 9, no. 4, pp. 247-253, 2001.

D. Articles published in national peer-reviewed journals:

- D1.** Demir O., Bezen B. A., Sarıtaş T. B., Özcan Ö., Koca H. B., "EVALUATION OF THE EFFECT OF SCIATIC NERVE BLOCKON POSTOPERATIVE ANALGESIA AND INFLAMMATORYRESPONSE IN KNEE ARTHROPLASTY", *Bozok Tıp Dergisi*, vol. 15, no. 3, pp. 249-254, 2025.
- D2.** Kaynak A., Doğan Bakı E., Özcan Ö., Taşdemir Mecit B. B., Bezen A. B., Taşkapılı K., "Investigating the effect of pericapsular nerve group on postoperative analgesia in hip surgery", *Journal of Contemporary Medicine*, vol. 15, no. 2, pp. 67-73, 2025.
- D3.** Yüzüğüldü U., Özcan Ö., Yılmaz B. K., Bütüner İ. E., "A RARE CASE REPORT ABOUT REDUCTION OF IRREDUCIBLE TRAUMATIC POSTERIOR HIP DISLOCATION WITH OPEN SAFE SURGERY", *Kocatepe Tıp Dergisi*, vol. 26, no. 4, pp. 386-389, 2025.
- D4.** Yeşil M., Yüzüğüldü U., Yılmaz B. K., Keskin E., Kaya F., Özcan Ö., Maralcan G., Konya M. N., "GARTLAND TİP 2 VE 3 PEDİATRİK SUPRAKONDİLER HUMERUS KIRIKLARINDA KIRIK BÖLGESİ HEMATOM BÜYÜKLÜĞÜNÜN KLİNİK SONUÇLARLA İLİŞKİSİ", *İzmir Eğitim ve Araştırma Hastanesi Tıp Dergisi*, vol. 27, no. 3, pp. 301-308, 2023.
- D5.** Yeşil M., Yüzüğüldü U., Yılmaz B. K., Keskin E., Kaya F., Özcan Ö., Maralcan G., Konya M. N., "GARTLAND TİP 2 VE 3 PEDİATRİK SUPRAKONDİLER HUMERUS KIRIKLARINDA KIRIK BÖLGESİ HEMATOM BÜYÜKLÜĞÜNÜN KLİNİK SONUÇLARLA İLİŞKİSİ", *İzmir Eğitim ve Araştırma Hastanesi Tıp Dergisi*, vol. 27, no. 3, pp. 301-308, 2023.
- D6.** Taşdemir Mecit B. B., Kaynak A., Altın R., Doğan Bakı E., Özcan Ö., Sivacı R., "Evaluation of Neutrophil-Lymphocyte Ratios According to Gupta Perioperative Myocardial Infarction or Cardiac Arrest (MICA) Risk Index in Elderly Patients Undergoing Hip Surgery", *Journal of Contemporary Medicine*, vol. 13, no. 5, pp. 776-781, 2023.
- D7.** Maralcan G., Yeşil M., Yüzüğüldü U., Konya M. N., Özcan Ö., Doğan İ., "KALÇA ARTROPLASTİSİNDE VERTİKAL OFSET BELİRLENMESİNDEYENİ BİR RADYOLOJİK YÖNTEM : ASETABULOTROKANTERİK MESAFE ÖLÇÜMÜ", *Kocatepe Tıp Dergisi*, vol. 21, pp. 264-269, 2020.
- D8.** Özkul S., Doğan Bakı E., Özcan Ö., Koca H. B., Sivacı R., "Comparing the Effects of Spinal Anesthesia and Peripheral Block Applications against Postoperative Stress and Inflammatory Response on Patients Undergoing Total Knee Arthroplasty", *ARC Journal of Anesthesiology*, vol. 3, no. 3, pp. 1-9, 2018.
- D9.** Özcan Ö., Yeşil M., Altın R., "Triple nonunion after steel-like triple pelvic osteotomy Steel benzeri üçlü pelvik osteotomi sonrası üçlü kaynamama", *Eklem Hastalıkları ve Cerrahisi*, vol. 29, no. 3, pp. 193-197, 2018.
- D10.** Yeşil M., Özcan Ö., Kaya Ö. A., Erginoğlu S. E., "Atypical injury of radial nerve after humeral shaft fracture", *Eklem Hastalıkları ve Cerrahisi*, vol. 28, no. 2, pp. 132-136, 2017.
- D11.** Eroğlu M., Özcan Ö., Şentürk I., Yücehan M., "An extraordinary mechanism causing intraoperative migration of the kirschner-wire", *Eklem Hastalıkları ve Cerrahisi*, vol. 27, no. 1, pp. 58-60, 2016.
- D12.** Boya H., Özcan Ö., Maralcan G., "An investigation of consistency between posterior condylar axis +3 degree external rotation line and clinical transepicondylar axis line techniques in primary total knee arthroplasty", *Eklem Hastalıkları ve Cerrahisi*, vol. 25, no. 2, pp. 70-74, 2014.
- D13.** Özcan Ö., Boya H., Ateş A., Doğruöz F., "Bilateral periprosthetic distal femoral fractures following total knee arthroplasty", *Eklem Hastalıkları ve Cerrahisi*, vol. 24, no. 3, pp. 178-181, 2013.
- D14.** Öztekin H. H., Boya H., Özcan Ö., Zeren B., Pinar P., "Foot and ankle injuries and time lost from play in professional soccer players", *Foot*, 2009.
- D15.** Özcan Ö., Boya H., Öztekin H. H., "Nonunion of the radial neck with localized swelling at the antecubital fossa mimicking a tumor", *Eklem Hastalıkları ve Cerrahisi*, vol. 19, no. 2, 2008.

- D16.** Boya H., Özcan Ö., Oztekin H. H., "Tarsal tunnel syndrome associated with a neurilemoma in posterior tibial nerve: A case report", *Foot*, 2008.
- D17.** Boya H., Özcan Ö., Mete A. M., Gunal I., "Accuracy of references in Journals of Hand Surgery", *Journal of Scholarly Publishing*, vol. 39, no. 2, pp. 174-180, 2008.
- D18.** Günel I., Özcan Ö., Uyulgan B., Baran O., Arman C., Karatosun V., "Biomechanical analysis of load transmission characteristics of limited carpal fusions used to treat Kienböck's disease Kienböck hastaligi tedavisinde sinirli karpal füzyonların yük aktarma özelliklerinin biyomekanik analizi.", *Acta orthopaedica et traumatologica turcica*, vol. 39, no. 4, 2005.
- D19.** Özcan Ö., Boya H., Baran O., Havitçioğlu H., "Treatment of femoral fractures associated with fibrous dysplasia: a case report Fibröz displazide femur kırıklarının tedavisi: Olgu sunumu.", *Acta orthopaedica et traumatologica turcica*, vol. 36, no. 5, 2002.
- D20.** Tatari H., Kosay C., Baran O., Özcan Ö., Ozer E., "Deleterious effects of local corticosteroid injections on the Achilles tendon", *Artroplastik Artroskopik Cerrahi*, vol. 11, no. 1, 2000.
- D21.** Göçen S., Aksu M. G., Baktiroğlu L., Özcan Ö., "Evaluation of computed tomographic methods to measure vertebral rotation in adolescent idiopathic scoliosis: An intraobserver and interobserver analysis", *Journal of Spinal Disorders*, vol. 11, no. 3, 1998.