

# Erdi Ozdemir, M.D.

E-Mail: erdiozdemir@gmail.com

## Education, Training and Work Experience

---

08/2023 – Present	<b>Güven Hospital</b> Ankara, Turkey <b>Attending Orthopedic Surgeon</b> <b>Foot and Ankle Specialist</b>
08/2022 – 08/2023	<b>Penn State College of Medicine</b> <b>Foot and Ankle Fellowship</b> Hershey, PA, USA <b>Clinical Fellow</b>
02/2021 – 7/2022	<b>Karabuk University</b> <b>Karabuk Training and Research Hospital</b> Karabuk, Turkey <b>Attending Orthopedic Surgeon</b>
08/2019 – 02/2021	<b>University of Health Sciences</b> <b>Kecioren Training and Research Hospital</b> Ankara, Turkey <b>Attending Orthopedic Surgeon</b>
11/2013 – 8/2019	<b>Hacettepe University Faculty of Medicine</b> Ankara, Turkey <b>Orthopedics and Traumatology Resident</b>
09/2007 – 07/2013	<b>Hacettepe University Faculty of Medicine</b> <b>(English program)</b> Ankara, Turkey <b>Doctor of Medicine</b>
09/2004 – 06/2007	<b>Ankara Science High School</b> Ankara, Turkey

## Research Experience

---

04/2017 – 05/2017	<b>Yale School of Medicine</b> New Haven, CT Department of Orthopedics and Rehabilitation <b>Research Fellow</b>
-------------------	---

## **Awards and Honors**

---

<b>2021</b>	<b>2021 Orthopaedics Fellowship Match Matched</b> Program: Penn State College of Medicine Foot and Ankle Fellowship
<b>2018</b>	<b>Research Grant</b> Hacettepe University Research Fund (Grant No. THD-2018-16887) "Articular cartilage regeneration utilizing Decellularized Human Placental Scaffold, Mesenchymal Stem Cells and Platelet Rich Plasma"
<b>2013</b>	<b>Honor Student</b> Hacettepe University School of Medicine

## **Professional Memberships**

---

**Turkish Society of Orthopedics and Traumatology**, Member

**Turkish Society of Foot and Ankle Surgery**, Member

**American Orthopaedic Foot and Ankle Society (AOFAS)**, Member

## **Exams and Certificates**

---

**USMLE Step 1**, (1/15/2018)

**USMLE Step 2 CK**, (2/15/2019)

**USMLE Step 3**, (3/3/2022)

**ECFMG Certification**, 2021, **ECFMG ID: 10452092**

**Occupational English Test (OET)**, May 2021

**Animal Use in Experimental Research Certificate**, Ankara, 2016

**Turkish National Board of Orthopedic Surgery Certification**, 2019

**European Board of Orthopedics and Traumatology (EBOT) Certification**, 2021

## Peer-reviewed Publications

---

- 1) Doral MN, Büyükdogan K, Bilge O, Turhan E, Huri G, **Ozdemir E**, Donmez G, Kaya G. Minimally Invasive Treatment Options for Soft Tissue Injuries Around Knee, Turkish Clinics J Orthop & Traumatol-Special Topics 2016;9(1):17-24
- 2) **Ozdemir E**, Caglar O. Disease specific complications in primary total knee arthroplasty, TOTBİD Dergisi 2019; 18:237–241. doi:10.14292/totbid.dergisi.2019.27
- 3) Huri G, **Ozdemir E**, Ziroglu N, Costouros J, McFarland E. Results of Acromioclavicular Joint Reconstruction Using a Novel Minimally Invasive Technique. Turkish Journal of Trauma and Emergency Surgery. 2020;26(2):260–264. doi:10.14744/tjtes.2019.36897
- 4) Caglar O, **Ozdemir E**, Tokgözoğlu AM, Atilla B. Use of proximal humerus plates for the fixation of the subtrochanteric femoral shortening osteotomy during total hip arthroplasty for Crowe type IV developmental dysplasia of the hip patients. Jt Dis Relat Surg. 2020;31(2):306-311. doi:10.5606/ehc.2020.73078
- 5) Kamaci S, **Ozdemir E**, Gülcü A, Colosimo A. Mid to Long Term Results of Surgical Fixation of Mid-Shaft Clavicle Fractures. Acta Med. Alanya 2020;4(2):180-185. doi:10.30565/medalanya.709140
- 6) Ramazanov R, **Ozdemir E**, Yilmaz G, Caglar O, Cemalettin Aksoy M. Rebound phenomenon after hemiepiphyodesis: Determination of risk factors after tension band plate removal in coronal plane deformities of lower extremities. J Pediatr Orthop B. 2021 Jan;30(1):52-58. doi: 10.1097/BPB.0000000000000786. PMID: 32732797.
- 7) **Özdemir E**, Evren AT, Özer M, Altay M. Percutaneous reduction of irreducible dislocation of the interphalangeal joint of the hallux: A simple technique for a rare injury. Jt Dis Relat Surg. 2020;31(3):610-613. doi: 10.5606/ehc.2020.76937. PMID: 32962597; PMCID: PMC7607927.
- 8) **Özdemir E**, Emet A, Hashemihesar R, Yürüker ACS, Kılıç E, Uçkan Çetinkaya D, Turhan E. Articular Cartilage Regeneration Utilizing Decellularized Human Placental Scaffold, Mesenchymal Stem Cells and Platelet Rich Plasma. Tissue Eng Regen Med. 2020 Dec;17(6):901-908. doi: 10.1007/s13770-020-00298-w. Epub 2020 Oct 8. PMID: 33030679; PMCID: PMC7710779.
- 9) **Özdemir E**, Karagüven D, Turhan E, Huri G. Biological augmentation strategies in rotator cuff repair. Med Glas (Zenica). 2021 Feb 1;18(1):186-191. doi: 10.17392/1305-21. PMID: 33269582.
- 10) **Özdemir E**, Emet A, Ramazanov R, Yılmaz G. Correction of coronal plane deformities around knee in children with two-hole tension band plates. Jt Dis Relat Surg. 2021;32(1):177-184. doi: 10.5606/ehc.2021.78879. Epub 2021 Jan 6. PMID: 33463434; PMCID: PMC8073465.
- 11) Okkaoglu MC, **Ozdemir E**, Yaradilmis U, Altay M. Is Radiographic Osteoporotic Hip Morphology A Predictor For High Mortality Following Intertrochanteric Femur Fractures?: Osteoporotic Hip Morphology & Mortality. Injury. 2021 Feb 3:S0020-1383(21)00071-1. doi: 10.1016/j.injury.2021.01.033. Epub ahead of print. PMID: 33568280.
- 12) **Ozdemir E**, Cetik RM, Ayvaz M, Yilmaz G. The efficacy of two-hole tension band plates in the treatment of lower extremity limb length discrepancy. J Pediatr Orthop B. 2021 Mar 8. doi: 10.1097/BPB.0000000000000861. Epub ahead of print. PMID: 33720078.
- 13) **Özdemir FDM**, Uzun H, **Özdemir E**, Aksu AE. Comparative assessment of fingertip replantation in paediatric and adult patients within a single institution. J Hand Surg Eur Vol. 2021

Mar 24:17531934211002476. doi: 10.1177/17531934211002476. Epub ahead of print. PMID: 33757326.

14) Yaradılmış YU, Ateş A, Özer M, **Özdemir E**, Demirkale İ, Altay M. Do Low Hemoglobin Levels Affect the Healing Process of Periprosthetic Joint Infection? *Cureus*. 2021 Apr 9;13(4):e14393. doi: 10.7759/cureus.14393. PMID: 33859919; PMCID: PMC8038909.

15) **Özdemir E**, Okkaoglu MC, Evren AT, Yaradilmis YU, Ates A, Altay M. The Cost and Consequences of Failed Osteosynthesis of Intertrochanteric Femur Fractures: A Matched Cohort Study. *Indian J Orthop*. 2021 Jan 3;55(3):629-635. doi: 10.1007/s43465-020-00322-0. PMID: 33995866; PMCID: PMC8081792.

16) Okkaoglu MC, Ozdemir FE, **Ozdemir E**, Karaduman M, Ates A, Altay M. Is there an optimal timing for surgical treatment of pediatric supracondylar humerus fractures in the first 24 hours? *J Orthop Surg Res*. 2021 Aug 10;16(1):484. doi: 10.1186/s13018-021-02638-5. PMID: 34376234; PMCID: PMC8353804.

17) Ahmet Ateş, Yüksel Uğur Yaradılmış, Mustafa Caner Okkaoğlu, **Erdi Özdemir**, İsmail Demirkale, Murat Altay. Controlled femoral impaction for reduction of hip arthroplasty in high riding hips: Is it safe?. *Int J Orthop Sci* 2021;7(1):858-863. DOI: 10.22271/ortho.2021.v7.i1m.2582

18) Menkü Özdemir FD, Kafa B, **Özdemir E**, Alkanat NE, Aksu AE. Gout tophus in transferred tendons after 33 years: A case report. *Jt Dis Relat Surg*. 2021;32(3):771-774. doi: 10.52312/jdrs.2021.30. Epub 2021 Nov 19. PMID: 34842112; PMCID: PMC8650666.

19) Kamaci S, **Ozdemir E**, Utz C, Colosimo A. Mandatory Prescription Limits and Opioid Use After Anterior Cruciate Ligament Reconstruction. *Orthop J Sports Med*. 2021 Sep 14;9(9):23259671211027546. doi: 10.1177/23259671211027546. PMID: 34541012; PMCID: PMC8445535.

20) Emet A, **Ozdemir E**, Cetinkaya DU, Kilic E, Hashemihesar R, Yuruker ACS, Turhan E. Effect of a Decellularized Omentum Scaffold with Combination of Mesenchymal Stem Cells and Platelet-Rich Plasma on Healing of Critical-Sized Bone Defect: A Rat Model. *Applied Sciences*. 2021; 11(22):10900. <https://doi.org/10.3390/app112210900>

21) Yaradılmış YU, Okkaoğlu MC, **Özdemir E**, Ateş A, Demirkale İ, Altay M. The quality of life of the elderly is negatively affected by peritrochanteric femoral fractures despite successful surgical outcomes. *Eur Res J* 2022;8(1): 24-30. DOI: 10.18621/eurj.819867

22) **Ozdemir E**, Dursun G, Yılmaz G. Treatment of calcaneonavicular coalition accompanied by an accessory anterolateral talar facet. *Jt Dis Relat Surg*. 2022;33(1):245-248. doi: 10.52312/jdrs.2022.496. Epub 2022 Mar 28. PMID: 35361102.

23) Ergişi Y, **Ozdemir E**, Altun O, Tıkman M, Korkmazer S, Yalçın MN. Indirect impact of the COVID-19 pandemic on diabetes-related lower extremity amputations: A regional study. *Jt Dis Relat Surg*. 2022;33(1):203-207. doi: 10.52312/jdrs.2022.564. Epub 2022 Mar 28. PMID: 35361096.

24) Hakverdiyev Y, McFarland EG, Kaymakoglu M, **Ozdemir E**, Akpınar S, Huri P, Costouros JG, Huri G. Biomechanical Strength of Screw Versus Suture Button Fixation in the Latarjet Procedure: A Cadaver Study. *Orthopedics*. 2022 Nov-Dec;45(6):e321-e325. doi: 10.3928/01477447-20220805-01. Epub 2022 Aug 10. PMID: 35947455.

25) Danişman M, **Özdemir E**, Dursun G, Ayvaz M, Yılmaz G. An Alternative Fixation Option for Subtrochanteric Femur Fractures in Children: Adult Proximal Humerus Plate. *J Pediatr Orthop*. 2022 Sep 1;42(8):e828-e832. doi: 10.1097/BPO.0000000000002207. Epub 2022 Jul 14. PMID: 35834366.

26) **Ozdemir E**, Okkaoglu MC, Yaradilmis U, Altay M. Author reply to letter to the editor. *Injury*. 2022 Oct;53(10):3560. doi: 10.1016/j.injury.2022.05.048. Epub 2022 Jun 9. PMID: 35690486.

27) Ergişi Y, **Özdemir E**, Korkmazer S, Kekeç H, Altun O, Yalçın N. What is the importance of distal nail diameter in the treatment of intertrochanteric femur fractures? *Jt Dis Relat Surg*. 2022;33(3):639-644. doi: 10.52312/jdrs.2022.850. Epub 2022 Oct 27. PMID: 36345193; PMCID: PMC9647669.

28) Ergişi Y, Tıkman M, Korkmazer S, Altun O, Kekeç H, **Özdemir E**, Daşar U. Treatment of distal femur fractures with retrograde intramedullary nailing utilizing a tibial nail. *J Health Sci Med*. 2023; 6(1): 73-76.

29) Ergişi Y, **Özdemir E**, Tıkman M, Korkmazer S, Kekeç H, Yalçın N. Revisiting the surgical indication of mid-shaft clavicle fractures: Clavicle asymmetry. *Jt Dis Relat Surg*. 2023;34(1):63-68. doi: 10.52312/jdrs.2023.937. Epub 2023 Jan 6. PMID: 36700265.

30) **Özdemir E**, Familiari F, Huri PY, Firat A, Huri G. Use of 3D-printed polycaprolactone + hyaluronic acid-based scaffold in orthopedic practice: report of two cases. *Journal of 3D Printing in Medicine*. 2023;7(1):3DP001.

31) **Özdemir E**, Altun O, Ergişi Y, Daşar U, Yalçın MN. The Role of Wrist Circumference (Regional Obesity Versus Local Swelling) in Conservatively Treated Distal Radius Fractures: A Single Center Experience. *Med J West Black Sea*. 2023; 7(1): 75-80.

32) Aksoy T, Bakircioglu S, **Ozdemir E**, Ramazanov R, Aksoy MC, Yilmaz G. The Fate of Overcorrection After Hemiepiphyodesis in Valgus Deformities Around the Knee. *J Pediatr Orthop*. 2023 May 10. doi: 10.1097/BPO.0000000000002429. Epub ahead of print. PMID: 37168006.

33) Danişman M, Yılmaz ET, **Ozdemir E**, Tuncay O, Yılmaz G. Accuracy of the hexapod external fixator in treating tibial angular deformities with or without limb length discrepancy: a retrospective study. *J Pediatr Orthop B*. 2023. 10.1097/BPB.0000000000001101.

34) Huri G, **Özdemir E**, Biçer ÖS, Huri P, Polat S, Sapmaz T, Doral MN. Adjustable bone plate: From bench to operating room. *Turkish Journal of Medical Sciences*. *In press*.

35) Ergişi Y, Tıkman M, Korkmazer S, Kekeç H, **Özdemir E**, Yalçın MN. Functional outcomes of periprosthetic and non-periprosthetic distal femur fractures: a comparative study. *J Health Sci Med /JHSM /jhsm*. 2023; 6(2): 476-480.

36) **Özdemir E**, Aynardi M. Hallux Valgus: Minimally Invasive Bunion Surgery. *SurgiColl*. 2023. *In press*.

37) **Özdemir E**, Aynardi M. Ankle Instability: Diagnosis & Treatment. *SurgiColl*. 2023. *In press*.

## **Book Chapters**

---

1) **Özdemir E**, Turhan E. Donuk Omuz: Genel Bilgi ve Tedavi Algoritmaları. *Üst Ekstremitte Yaralanmalarında Rehabilitasyon*. 2021. 1. Baskı

2) **Özdemir E**, Aksoy T, Huri G. Omuz Artroskopisi Hazırlık ve Portaller. *Omuz ve Dirsek Artroskopisi Kitabı*

- 3) **Özdemir E**, Zabrzyński J, Yiğit Y, Kanlıkaya U, Huri G. Resurfacing (stemless) Shoulder Arthroplasty. Easy Planning in Elective Primary Orthopedic Procedures.
- 4) **Özdemir E**, Juliano P. Hallux Valgus: Metatarsal osteotomies (Proximal / Distal). Complications in Orthopaedics- Foot and Ankle, 1e

## **Abstracts in Meetings**

---

- 1) Caglar O, **Ozdemir E**, Tokgözoğlu AM, Atilla B. *Use of proximal humerus plates for the fixation of the subtrochanteric femoral shortening osteotomy during total hip arthroplasty for Crowe type IV developmental dysplasia of the hip patients.* 13th European Hip Society Congress, The Hague, Holland, 2018,
- 2) Huri G, **Ozdemir E**, Ziroglu N, Costouros J, McFarland E. *Results of Acromioclavicular Joint Reconstruction Using a Novel Minimally Invasive Technique.* 20<sup>th</sup> EFORT Congress, Lisbon, Portugal, 2019
- 3) **Ozdemir E**, Emet A, Hashemihesar R, Yuruker ACS, Kilic E, Uckan D, Turhan E. *Articular cartilage regeneration utilizing Decellularized human placental scaffold, mesenchymal stem cells and platelet rich plasma* 29th National Congress of Turkish Orthopedics and Traumatology, Antalya, Turkey. 2019
- 4) Emet A, **Ozdemir E**, Hashemihesar R, Yuruker ACS, Kilic E, Uckan D, Turhan E. *Effect of a Decellularized Omentum Scaffold on Healing of Critical-sized Bone Defect with a Combination of Mesenchymal Stem Cells and Platelet Rich Plasma: A Rat Model.* 29th National Congress of Turkish Orthopedics and Traumatology, Antalya, Turkey. 2019
- 5) Kaymakoglu M, Ciftci Dede E, Korkusuz P, **Ozdemir E**, Erden ME, Turhan E. *The effect of adrenomedullin hormone on segmental radial bone defect model in rat.* The 28th Annual Meeting of the European Orthopaedic Research Society (EORS), İzmir, Turkey, 2020.
- 6) Okkaoglu MC, Ozdemir FE, **Ozdemir E**, Karaduman M, Ates A, Altay M. *Is there an optimal timing for surgical treatment of pediatric supracondylar humerus fractures in the first 24 hours?* 3<sup>rd</sup> Turkish National Pediatric Orthopedics Congress, Ankara, Turkey, 2020.
- 7) Tikman M, **Ozdemir E**, Ergişi Y, Korkmazer S, Kekeç. H, Yalçın MN. *Revisiting The Surgical Indication Of Mid-Shaft Clavicle Fractures: Clavicle Asymmetry.* 23<sup>RD</sup> EFORT Congress, Lisbon, 2022