

Yasuhiro Ozasa

PERSONAL INFORMATION

Name: Yasuhiro Ozasa, M.D.,Ph.D.

Gender: Male

Date of Birth: December 8, 1973

Place of Birth: Hokkaido, Japan

Marital Status: married

Family: Wife 48y/o, Sons 19 y/o & 17 y/o

OFFICE

Department of Orthopedic Surgery, Sapporo Maruyama Orthopedic Hospital

North 7 West 27, Chuoku, Sapporo, Hokkaido, 060-0007, Japan

TEL:+81-11-612-1133 FAX:+81-11-615-8151

E-mail:yas_osmo@yahoo.co.jp

EDUCATION, TRAINING AND RESEARCH

University

1992-1998 MD,Sapporo Medical University School of Medicine

2002-2006 PhD in Department of orthopaedic Surgery, Sapporo Medical University

Residency

1998 -1999 Department of orthopaedic Surgery, Sapporo Medical University

1999-2000 Department of orthopaedic Surgery, Sapporo Municipal Hospital

MEDICAL LICENSURE

Apr 1998 Medical license (Japan) #394136

BOARD CERTIFICATION

Mar 2005 Board Certified Fellow of the Japanese Orthopaedic Association #116605

Mar 2018 Board Certified Fellow of the Japanese Society for Surgery of the Hand

#1049

WORK EXPERIENCE

- 2000-2001 Department of orthopaedic Surgery, Urakawa Red-Cross Hospital
- 2001-2002 Department of orthopaedic Surgery, Otaru Kyo-kai Hospital
- 2002-2003 Department of orthopaedic Surgery, Urakawa Red-Cross Hospital
- 2006-2009 Department of orthopaedic Surgery, Sapporo Medical University
- 2009-2011 Department of orthopaedic Surgery, Takikawa Municipal Hospital
- 2011-2013 Mayo Clinic Orthopedic Biomechanics Laboratory
- 2013.8-2013.11 Department of orthopaedic Surgery, of Saiseikai Otaru Hospital
- 2013.11-2014.3 Department of orthopaedic Surgery, Obihiro Kyo-kai Hospital
- 2014-2015 Department of orthopaedic Surgery, Hokkaido Esashi Hospital
- 2015-2016 Department of orthopaedic Surgery, Chitose City Hospital
- 2016-2019 Assistant professor at Department of orthopaedic Surgery, Sapporo Medical University
- 2019-2020 Lecturer at Department of orthopaedic Surgery, Sapporo Medical University
- 2020-2021 Department of orthopaedic Surgery, Chitose City Hospital
- 2021- Department of Orthopaedic Surgery, Sapporo Maruyama Orthopedic Hospital

MEMBERSHIP

- 1998- Member of the Japanese Orthopaedic Association
- 2000- Member of the Japanese Society for Fracture Repair
- 2006- Member of the Japanese Society for Surgery of the Hand
- 2007- Member of the Japanese Society of the Osteoporosis
- 2008- Member of the Japanese Society for Surgery of the Elbow
(2019- Councilor)
- 2019- Member of the American Society for Surgery of the Hand
- 2021- Member of the Japanese Orthopaedic Society of Knee, Arthroscopy and Sports Medicine

MAJOR TOPIC OF RESEARCH WORK

- 2004-2006, Basic research of osteoporosis in Sapporo Medical University, especially interesting in new marker of osteoporosis.
- 2011-2013, Basic research about the biomechanics of flexor tendon repair in Mayo Clinic Orthopedic Biomechanics Laboratory

PUBLICATION

1. Ozasa Y, Kawaguchi S, Wada T, Kaya M, Usui M, Ikeda T. Pigmented villonodular synovitis secondary to laceration of the perforating branch of the peroneal artery. *Pathol Int.* 2000;50:739-43.11.
2. Iba K, Wada T, Aoki M, Oda T, Ozasa Y, Yamashita T. The relationship between the pressure adjacent to the ulnar nerve and the disease causing cubital tunnel syndrome. *J Shoulder Elbow Surg.* 2008;17:585-588.
3. Iba K, Takada J, Hatakeyama N, Ozasa Y, Wada T, Yamashita T. Changes in urinary NTX levels in patients with primary osteoporosis undergoing long-term bisphosphonate treatment. *J Orthop Sci.* 2008;13:438-441.
4. Moriya T, Aoki M, Iba K, Ozasa Y, Wada T, Yamashita T. Effect of triangular ligament tears on distal radioulnar joint instability and evaluation of three clinical tests: a biomechanical study. *J Hand Surg Eur Vol.* 2009;34:219-223.
5. Wada T, Moriya T, Iba K, Ozasa Y, Sonoda T, Aoki M, Yamashita T. Functional outcomes after arthroscopic treatment of lateral epicondylitis. *J Orthop Sci.* 2009;14:167-174.
6. Iba K, Ozasa Y, Wada T, Kamiya T, Yamashita T, Aoki M. Efficacy of radial styloid targeting screws in volar plate fixation of intra-articular distal radial fractures: a biomechanical study in a cadaver fracture model. *J Orthop Surg Res.* 2010;5:90.
7. Wada T, Tatebe M, Ozasa Y, Sato O, Sonoda T, Hirata H, Yamashita T. Clinical outcomes of corrective osteotomy for distal radial malunion: a review of opening and closing-wedge techniques. *J Bone Joint Surg Am.* 2011;93:1619-26.
8. Sassoon AA, Ozasa Y, Chikenji T, Sun YL, Larson DR, Maas ML, Zhao C, Jen J, Amadio PC. Skeletal muscle and bone marrow derived stromal cells: a comparison of tenocyte differentiation capabilities. *J Orthop Res.* 2012;30:1710-8.
9. Ozasa Y, Amadio PC, Thoreson AR, An KN, Zhao C. The effect of surface modification on gliding ability of decellularized flexor tendon in a canine model in vitro. *J Hand Surg Am.* 2013;30:1698-704.
10. Ozasa Y, Iba K, Oki G, Sonoda T, Yamashita T, Wada T. Nonunion of the ulnar styloid associated with distal radius malunion. *J Hand Surg Am.* 2013;38:526-31.
11. Ozasa Y, Amadio PC, Thoreson AR, An KN, Zhao C. Repopulation of Intrasynovial Flexor Tendon Allograft with Bone Marrow Stromal Cells: An Ex Vivo Model. *Tissue Eng Part A.* 2014;20:566-74.

12. Chikenji T, Gingery A, Zhao C, Passe SM, Ozasa Y, Larson D, An KN, Amadio PC. Transforming growth factor- β (TGF- β) expression is increased in the subsynovial connective tissues of patients with idiopathic carpal tunnel syndrome. *J Orthop Res.* 2014;32:116-22.
13. Sasaki K, Ozasa Y, Iba K, Wada T, Imai S, Matsumoto K, Sohma H, Aoshima M, Yamashita T, Kokai Y. Significant increase of plasma tetranectin in ovx mice as defined by proteomics analysis. *J Orthop Sci.* 2014;19:809-19.
14. Zhao C, Ozasa Y, Reisdorf RL, Thoreson AR, Jay GD, An KN, Amadio PC. Engineering flexor tendon repair with lubricant, cells, and cytokines in a canine model. *Clin Orthop Relat Res.* 2014;472:2569-78.
15. Ozasa Y, Gingery A, Thoreson AR, An KN, Zhao C, Amadio PC. A comparative study of the effects of growth and differentiation factor 5 on muscle-derived stem cells and bone marrow stromal cells in an in vitro tendon healing model. *J Hand Surg Am.* 2014;30:1706-13.
16. Ozasa Y, Gingery A, Amadio PC. Muscle-derived stem cell seeded fibrin gel interposition produces greater tendon strength and stiffness than collagen gel in vitro. *J Hand Surg Eur Vol.* 2015;40:747-9.
17. Zhao C, Ozasa Y, Shimura H, Reisdorf RL, Thoreson AR, Jay G, Moran SL, An KN, Amadio PC. Effects of lubricant and autologous bone marrow stromal cell augmentation on immobilized flexor tendon repairs. *J Orthop Res.* 2016;34:154-60.
18. Filius A, Thoreson AR, Ozasa Y, An KN, Zhao C, Amadio PC. Delineation of the mechanisms of tendon gliding resistance within the carpal tunnel. *Clin Biomech (Bristol, Avon).* 2016;41:48-53.
19. Iba K, Hanaka M, Ozasa Y, Takahashi N, Kanaya K, Yamashita T. Treatment of forearm deformity with radial head dislocation because of multiple osteochondromas: a series of three cases treated by simple axis correction and distraction osteogenesis of the ulna. *J Pediatr Orthop B.* 2018;27:315-321.
20. Saito Y, Chikenji T, Ozasa Y, Fujimiya M, Yamashita T, Gingery A, Iba K. PDGFR Signaling Mediates Hyperproliferation and Fibrotic Responses of Subsynovial Connective Tissue Cells in Idiopathic Carpal Tunnel Syndrome. *Sci Rep.* 2017;7:16192.
21. Takahashi N, Iba K, Hanaka M, Ozasa Y, Kanaya K, Yamashita T. Sagittal band reconstruction in the index finger using a modified Elson technique. *J Orthop Surg.* 2018;26: 2309499017749985.

22. Ozasa Y, Wada T, Iba K, Yamashita T. Surgical treatment for partial rupture of the distal biceps tendon using palmaris longus tendon graft: A case report. *Acta Orthop Traumatol Turc.* 2018; 52:323-325.
23. Matsumura T, Saito Y, Suzuki T, Teramoto A, Ozasa Y, Yamashita T, Fujimiya M, Saito-Chikenji T. Phosphorylated Platelet-Derived Growth Factor Receptor-Positive Cells With Anti-apoptotic Properties Accumulate in the Synovium of Patients With Rheumatoid Arthritis. *Front Immunol.* 2019 Feb 15;10:241.
24. Iba K, Ozasa Y, Hanaka M, Hayakawa H, Kanaya K, Yamashita T. Midterm and Long-term Follow-up After Surgical Reconstruction for Lateral Polydactyly of the Foot With Mosaic-like Alignment of the Phalanx Bones. *J Pediatr Orthop.* 2020;40:e30-e36.
25. Ozasa Y, Iba K, Takahashi N, Wada T, Yamashita T. Comparative Study of Dorsal and Volar Plating for Ulnar Shortening Osteotomy. *J Hand Surg Asian Pac Vol.* 2020;25:54-58.
26. Ozasa Y, Wada T, Yamashita T, Kokai Y. Reveromycin A inhibits bone loss in ovariectomized mice. *J Surg Res.* 2019;2: 87-95.
27. Shimomura K, Yasui T, Teramoto A, Ozasa Y, Yamashita T, Iwasawa M. Time Course of Quality of Life Improvement Between Resection Arthroplasty and Metatarsophalangeal Joint-Preserving Forefoot Arthroplasty for Rheumatoid Arthritis. *Foot Ankle Int.* 2021;42:166-175.

PRESENTATION IN THE ORTHOPAEDIC MEETING

1. Ozasa Y, Thoreson AR, An KN, Amadio PC, Zhao C. Biomechanical Study of Flexor Tendon with Multiple Slits for Potential Recellularization. In: the 59th Orthopaedic Research Society Annual meeting:2013 Jan 26-29;San Antonio, Tx, U.S.A.
2. Ozasa Y, Zhao C, Thoreson AR, Gingery A, An KN, Amadio PC. A Comparative Study of the effects of Growth and Differentiation Factor 5 on Muscle Derived Stem Cells and Bone Marrow Stromal Cells in an in vitro Tendon Healing Model. In: the 68th The American Society for Surgery of the Hand Annual meeting:2013 Oct 3-5: San Francisco, CA, U.S.A.
3. Ozasa Y, Zhao C, Thoreson AR, Gingery A, An KN, Amadio PC. A Comparative Study of the effects of Growth and Differentiation Factor 5 (GDF-5) on Muscle Derived Stem Cells (MDSC) and Bone Marrow Stromal Cells (BMSC) in an in vitro Tendon Healing Model. In: the 60th Orthopaedic Research Society Annual

meeting:2014 Mar 15-18: New Orleans, LA, U.S.A.

4. Ozasa Y, Amadio PC, Thoreson AR, An KN, Zhao C. Repopulation of Intrasynovial Flexor Tendon Allograft with Bone Marrow Stromal Cells: An Ex Vivo Model. In: the 60th Orthopaedic Research Society Annual meeting:2014 Mar 15-18: New Orleans, LA, U.S.A.
5. Ozasa Y, Gingery A, Zhao C, Thoreson AR, An KN, Amadio PC. A Comparative Study of the Effects of Muscle-Derived Stem Cell Seeded Fibrin Gel and Collagen Gel Interposition in an in vitro Tendon Healing Model. In: the 69th The American Society for Surgery of the Hand Annual meeting:2014 Sep 18-20: Boston, MA, U.S.A.
6. Ozasa Y, Hanaka M, Iba K, Wada T, Yamashita T. Symptoms and radiological findings of the proximal ulnar stumps after the Sauvé-Kapandji procedure or Darrach procedure for the treatment of rheumatoid arthritis. In: the 72nd The American Society for Surgery of the Hand Annual meeting:2017 Sep 7-9: San Francisco, CA, U.S.A.
7. Ozasa Y, Wada T, Iba K, Saito A, Yamashita T. Mid-to-Long Term Clinical Outcomes of Arthroscopic Debridement for Lateral Epicondylitis. In: the 73rd The American Society for Surgery of the Hand Annual meeting:2018 Sep 13-15: Boston, MA, U.S.A.
8. Ozasa Y, Iba K, Hikaru Hayakawa, Wada T, Yamashita T. Comparative Study of Dorsal and Volar Plating for Ulnar Shortening Osteotomy. In: the 74th The American Society for Surgery of the Hand Annual meeting:2019 Sep 4-7: Las Vegas, NV, U.S.A.
9. Ozasa Y, Kurokawa T, Hayakawa H, Iba K. A Comparative study of open and arthroscopic arthrodesis for thumb CM osteoarthritis. In: the 75th The American Society for Surgery of the Hand Annual meeting:2020: Oct 1-3: virtual.
10. Ozasa Y, Wada T, Iba K, Takahashi N, Hayakawa H, Sasaki K, Yamashita T. Mid-to long term clinical outcomes of arthroscopic synovectomy for the rheumatoid arthritis of the elbow. In: the 75th The American Society for Surgery of the Hand Annual meeting:2020: Oct 1-3: virtual.

AWARDS

1. J. Leonard Goldner Pioneer Research Award from ASSH (2012)
2. Kelly Award from Mayo Clinic (2012)
3. Julian M. Bruner Award from ASSH (2014)
4. CORR® ORS Richard A. Brand Award (2014)
5. KSSH-JSSH Traveling Fellow (2020)