

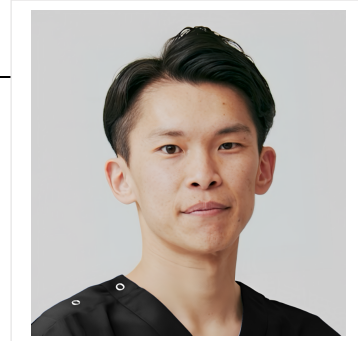
# Curriculum Vitae

## Personal details

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Name	Toru Omodani
Nationality	Japanese
Date of Birth	December, 21st, 1986
Sex	Male
Language	English, Japanese
Title	Medical doctor
Affiliation	Tokyo Advanced Orthopaedics
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## Areas of strength

- Musculoskeletal ultrasound
- Sports medicine
- Extracorporeal shock wave therapy
- Minimal invasive orthopaedic surgery with arthroscopy and ultrasound

## Career

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Year	Affiliation
2012-2018	Department of Orthopedics, Fujisawa Shonandai Hospital, Japan
2018-2021	Sports Medicine and Joint Center, Funabashi Orthopedic Hospital, Japan
2021-2022	Physical Medicine and Rehabilitation, University of Pittsburgh, USA
2022-	Director, Tokyo Advanced Orthopaedics

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## **Affiliated Societies**

- Japanese Orthopaedic Association
- Japanese Orthopedic Ultrasound Society
- Japanese Society of Ultrasonics in Medicine
- Japan Sports Orthopaedic Association
- Japanese Clinical Sports Medicine Association
- Japanese Foot Surgery Society

## **Positions**

- Board member, Japanese Orthopedic Ultrasound Society
- Board member, Japanese Musculoskeletal Shock Wave Society
- Board member, The Japanese Society For Surgery Of The Foot
- Lecturer (part-time), Yokohama City University Medical School
- Certified staff, Japanese Olympic Committee
- National Team Physician, Japan Gymnastics Association
- Committee Member, Japan Gymnastics Association Information Medical Science Anti-Doping Committee
- Medical staff, Federation Internationale de Gymnastique (International Gymnastics Federation)
- Category 1 Member, International Association for Gymnastics Medicine & Science
- IOC Diploma in Sports Medicine

## **Awards**

2019:

Best Paper Award, Japanese Orthopedic Ultrasound Society

2020:

Encouragement Paper Award, Japanese Orthopedic Society for Sports Medicine

2021:

International Fellow, Japanese Orthopedic Ultrasound Society

2022:

Ultrasound the Best Award, Annual Congress of Korean Society of Ultrasound in Medicine

2024:

Ultrasound the Best Award, 16th Congress of the Asian Federation of Societies for Ultrasound in Medicine and Biology

2025:

- Travelling fellow from The Japanese Society of Clinical Sports Medicine to American Medical Society for Sports Medicine
- Best Oral Presentation Award, 27th World Congress of The International Society for Medical Shockwave Treatment

## **Publications as First Author**

1. Omodani T. Anatomical variation of cervical nerve roots not passing through the scalene muscle plane. *J Med Ultrason* (2001). 2025 Oct 16. doi: 10.1007/s10396-025-01590-9.
2. Omodani T, Khadavi M, Takatsume Y, Lavigne A. Ultrasound-guided Achilles tendon rupture repair using knotless barbed suture: a cadaveric study. *J Med Ultrason* (2001). 2025 Oct 16. doi: 10.1007/s10396-025-01592-7.
3. Omodani, Toru (2025) "Ultrasound-Guided Percutaneous Needle Barbotage and Ultrasonic Tenotomy for Rotator Cuff Calcific Tendinopathy," *Rehabilitation Practice and Science*: Vol. 2025: Iss. 2, Article 3. DOI: <https://doi.org/10.6315/3005-3846.2265>
4. Omodani T, Saito M, Ikuta F. Ultrasound-Guided Percutaneous Ultrasonic Tenotomy for Refractory Patellar Tendinopathy in High-Level Athletes: A Case Series. *Clin J Sport Med*. 2024 Sep 10. doi: 10.1097/JSM.0000000000001275
5. Omodani T, Takahashi K. Focused Extracorporeal Shock Wave Therapy for Ischial Apophysitis in Young High-Level Gymnasts. *Clin J Sport Med*. 2023 Mar 1;33(2):110-115. doi: 10.1097/JSM.0000000000001085
6. Omodani T, Takahashi K. Ultrasound findings of the deltoid ligament in patients with acute ankle sprains: A retrospective review. *J Orthop Sci*. 2023 Jul;28(4):843-848. doi: 10.1016/j.jos.2022.05.010
7. Omodani T, Nussbaum RP, Onishi K. The Contribution of Posterior Capsule Hypertrophy to Soft Tissue Glenohumeral Internal Rotation Deficit in Healthy Pitchers: Letter to the Editor. *Am J Sports Med*. 2022 Aug;50(10):NP39. doi: 10.1177/03635465221103565
8. Omodani T, Takahashi N, Takahashi K. Extracorporeal Shock Wave Therapy and the Handstand-Position Radiography for Proximal Humeral Epiphysiolysis in Elite Gymnasts: A Report of Two Cases. *Cureus* 16(5): e60394. doi:10.7759/cureus.60394
9. Omodani T. Ultrasound-Guided Hydrodissection of the Thoracodorsal Nerve and Axillary Nerve in a Gymnast With Shoulder Pain Associated With Superior Labral Anterior-Posterior Lesions: A Case Report. *Cureus* 16(5): e60157. doi:10.7759/cureus.60157
10. Omodani T. Hydrodissection of the Eighth Cervical Nerve Root for Scapular Girdle Pain Associated With Nonunion of the First Rib Stress Fracture: A Case Report. *Cureus* 16(5): e60156. doi:10.7759/cureus.60156
11. Omodani T. Multifaceted Treatment Using Advanced Modalities for Refractory Achilles Tendinopathy: A Case Report. *Cureus*. 2024 Feb 27;16(2):e55030. doi:

10.7759/cureus.55030

12. Omodani T. Extracorporeal Shock Wave Therapy Combined With Platelet-Rich Plasma Injection to Treat the Nonunion of a Stress Fracture of the Proximal Phalanx of the Great Toe: A Case Report. *Cureus*. 2024 Mar 10;16(3):e55877. doi: 10.7759/cureus.55877
13. Omodani T. Supine-Position Ultrasound-Assisted Arthroscopic Surgery for Elbow Joint Contracture: A Case Report. *Cureus*. 2023 Oct 12;15(10):e46921. doi: 10.7759/cureus.46921
14. Omodani T, Park K, Katayama H. Ultrasound-Guided Lumbar Intradiscal Injection: A Case Report With a High-Resolution Ultrasound Image. *Cureus*. 2023 Nov 29;15(11):e49630. doi: 10.7759/cureus.49630
15. Omodani T, Takahashi K. Ultrasound-Guided Hydrodissection for Sural Neuropathy After Calcaneus Fracture Surgery: A Case Report. *Cureus*. 2023 Oct 26;15(10):e47749. doi: 10.7759/cureus.47749
16. Omodani T, Takahashi K, Ueno K. Ultrasound-guided screw fixation for patellar stress fracture in a female basketball player: A case report. *Medicine (Baltimore)*. 2022 Aug 19;101(33):e30040. doi: 10.1097/MD.00000000000030040

### **International Invited Lectures**

1. Vascular Embolotherapy and Nerve interventions Targeting Inflammation and pain. 2025.
2. 7th International Caparica Conference in Ultrasonics 2025.
3. The 20th Congress of World Federation for Ultrasound in Medicine and Biology.2025.
4. The 20th Congress of World Federation for Ultrasound in Medicine and Biology.2025.
5. Taiwan Association Of Prolotherapy And Regenerative Medicine. 2025.
6. “Extracorporeal Shock Wave Therapy in Young Athletes” Annual congress of The American Medical Society for Sports Medicine. 2025.
7. “US-guided injection” The MSK ultrasound hands-on workshop in Sirindhorn National Medical Rehabilitation Institute. Bangkok, Thailand. 2025.
8. “Shoulder US” The MSK ultrasound hands-on workshop in Sirindhorn National Medical Rehabilitation Institute. Bangkok, Thailand. 2025.
9. “Wrist US” The MSK ultrasound hands-on workshop in Sirindhorn National Medical Rehabilitation Institute. Bangkok, Thailand. 2025.

10. The 7th International Anatomical Sciences and Cell Biology Conference. The Importance of Anatomy in Developing Advanced Orthopaedics Utilizing Musculoskeletal Ultrasound. Pattaya, Thailand. 2024.
11. The MSK ultrasound hands-on workshop in Lerdsin Hospital. Bangkok, Thailand. 2024.
12. The MSK ultrasound hands-on workshop in Sirindhorn National Medical Rehabilitation Institute. Bangkok, Thailand. 2024.
13. The MSK ultrasound hands-on workshop in Siriraj Hospital, Mahidol University. Bangkok, Thailand. 2024.
14. The annual meeting of the Korean Association of Orthopaedic Medicine. Advanced Treatment Options for Elbow Pain. Seoul, Korea. 2024.
15. The annual meeting of the Korean Association of Orthopaedic Medicine. Advanced Treatment Options for Shoulder Pain. Seoul, Korea. 2024.
16. The 4th World Pain & Regen Conference WPRC 2024. State of the Art of Multidisciplinary Orthopaedics with Advanced Treatment Options. Lahore, Pakistan. 2024.
17. The 25th World Congress of The International Society for Medical Shockwave Treatment. Extra Corporeal Shockwave Therapy for lower extremity disorder in juvenile athlete. Daegu, Korea. 2023.
18. The 22nd Congress of the Asia Pacific Orthopedic Association. Basic of ultrasound-guided hydrorelease. Manila, Philippine. 2022.
19. The 22nd Congress of the Asia Pacific Orthopedic Association. Ultrasound guided tenotomy by using "TENEX". Manila, Philippine. 2022.
20. The annual meeting of the Korean Association of Medical Shockwave Therapy. Extra Corporeal Shockwave Therapy in lower extremity in juvenile athletes. Seoul, Korea. 2022.
21. FuncPhysio Physical Therapy Seminar. MSK Ultrasound Seminar for Beginners from NY. New York, USA. 2022.
22. The annual meeting of the Korean Society of Peripheral Nervous System. Hydrorelease for peripheral nerve disorder. Seoul, Korea. 2022.
23. Musculoskeletal Ultrasound Seminar in Seoul 2019. Hydrorelease for peripheral nerve disorder in upper limb. Seoul, Korea. 2019.

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