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Mohammad Hadadi, PhD

Associate Professor of Orthotics & Prosthetics

Educations

1. ***Bachelor of Science, Orthotics & Prosthetics***
Isfahan University of Medical Sciences, Isfahan, Iran
2. ***Master of Science, Orthotics & Prosthetics***
University of social welfare and rehabilitation science, Tehran, Iran
3. ***Doctor of Philosophy, Orthotics & Prosthetics***
University of social welfare and rehabilitation science, Tehran, Iran

Publications

1. Aboutorabi A; Arazpour M; Hadadi M; Veiskarami M. Effect of Subsensory Vibration on Postural Control of Healthy Elderly and Subjects with Simulated Reduced Plantar Feet Sensation: A Randomized Crossover Controlled Trial. *Journal of Prosthetics and Orthotics* 2023;35(4):p e81-e88.
2. Fardipour S, Hadadi M. Investigation of therapeutic effects of wearable robotic gloves on improving hand function in stroke patients: A systematic review. *Current Journal of Neurology*. 2022 Apr 4;21(2):125.
3. Sofla FS, Hadadi M, Rezaei I, Azhdari N, Sobhani S. The effect of the combination of whole body vibration and shoe with an unstable surface in chronic ankle instability treatment: a randomized clinical trial. *BMC Sports Science, Medicine and Rehabilitation*. 2021Dec;13(1):1-1.
4. Fardipour S, Hadadi M. A Review of Structure and Function of Glove-like Power Hand Orthoses for Hand Rehabilitation of Patients with Hand Weakness and Paralysis. *Journal of Paramedical Sciences & Rehabilitation*. 2021;9(4):106-14.
5. Mohri H, Poorghasem A, Rahimi A, Hadadi M. Comparison of the effects of pneumatic anklefoot orthosis and posterior leaf spring ankle-foot orthosis on spatiotemporal parameters of gait and

- ankle range of motion in patients with stroke: a preliminary study. *Journal of Rehabilitation Sciences & Research*. 2020 Sep 1;7(3):130-3.
6. Hadadi M, Ebrahimi S, Sarvestani M, Mozafari M. Correspondence: Upper Extremity Functional Index. *J Physiother*. 2020:278-.
 7. Bahari M, Hadadi M, Vosoughi AR, Kordi Yoosefinejad A, Sobhani S. Cross-cultural adaptation, reliability and validity of the Persian version of the Victorian Institute of Sport Assessment-Achilles questionnaire (VISA-A). *Disability and Rehabilitation*. 2020 Jul 13:1-9.
 8. Hadadi M, Haghighat F, Mohammadpour N, Sobhani S. Effects of Kinesiotape vs Soft and Semirigid Ankle Orthoses on Balance in Patients With Chronic Ankle Instability: A Randomized Controlled Trial. *Foot & Ankle International*. 2020 May :1071100720917181.
 9. Hadadi M, Haghighat F, Sobhani S. Can fibular reposition taping improve balance performance in individuals with chronic ankle instability? A randomized controlled trial. *Musculoskeletal Science and Practice*. 2020 Apr 1;46:102128.
 10. Hadadi M, Heghighat F, Hossein I. Comparison of Health-Related Quality of Life in Different Types of Chronic Ankle Instability. *Physikalische Medizin, Rehabilitationsmedizin, Kurortmedizin*. 2020 Mar 19;23.
 11. Kiaghadi A, Bahramizadeh M, Hadadi M. Effect of Textured and Prefabricated Insole Use With Medical or Sports Shoes on Dynamic Postural Control in Elderly People. *Topics in Geriatric Rehabilitation*. 2020 Jan 1;36(1):55-9.
 12. Mousavi E, Zamanian Z, Hadadi M, Sobhani S. Investigating the effect of custom-made insoles and exercises on lower limb and back discomfort in assembly-line workers in a rubber tire factory: A randomized controlled trial. *Human Factors and Ergonomics in Manufacturing & Service Industries*. 2019 Nov;29(6):478-84.
 13. Yoosefinejad AK, Hadadi M, Eslamloo P. EVALUATING THE RESPONSIVENESS OF THE FULLERTON ADVANCED BALANCE SCALE IN PATIENTS WITH LYMPHEDEMA SECONDARY TO BREAST CANCER SURGERY. *Lymphology*. 2019 Oct 29;52(2):61-70.
 14. Samani M, Shirazi ZR, Hadadi M, Sobhani S. A randomized controlled trial comparing the long-term use of soft lumbosacral orthoses at two different pressures in patients with chronic nonspecific low back pain. *Clinical Biomechanics*. 2019 Oct 1;69:87-95.
 15. Mohammadpour N, Rezaie I, Hadadi M. The Relationship between Core Muscles Dysfunction and Chronic Ankle Instability: A Review. *Journal of Sport Biomechanics*. 2019 Sep 10;5(2):72-81.
 16. Hadadi M, Abbasi F. Comparison of the effect of the combined mechanism ankle support on static and dynamic postural control of chronic ankle instability patients. *Foot & ankle international*. 2019 Jun;40(6):702-9.
 17. Hadadi M, Piroozi S, Haghighat F, Abbasi F, Mousavi SM. Translation, cross-cultural adaptation, reliability and validity of the Persian version of the ACL-QOL questionnaire in patients with anterior cruciate ligament reconstruction. *Journal of Orthopaedic Science*. 2019 May 1;24(3):501-6.
 18. Abbasi F, Bahramizadeh M, Hadadi M. Comparison of the effect of foot orthoses on Star Excursion Balance Test performance in patients with chronic ankle instability. *Prosthetics and orthotics international*. 2019 Feb;43(1):6-11.
 19. M Hadadi, I Ebrahimi, ME Mousavi, G Aminian, A Esteki, M Rahgozar. The effect of combined mechanism ankle support on postural control of patients with chronic ankle instability. *Prosthetics and orthotics international*. 2017; 41 (1).

20. M Hadadi, I Ebrahimi Takamjani, ME Mosavi, G Aminian. Cross-cultural adaptation, reliability, and validity of the Persian version of the Cumberland Ankle Instability Tool. *Disability and Rehabilitation*, 2017; 39 (16).
21. M Hadadi, K Ghoseiri, S Fardipour, RV Kashani, F Asadi, A Asghari. The Persian version of satisfaction assessment module of Orthotics and Prosthetics Users' Survey. *Disability and health journal*, 2016;9 (1).
22. M Hadadi, ME Mousavi, S Fardipour, R Vameghi, M Mazaheri. Effect of soft and semirigid ankle orthoses on Star Excursion Balance Test performance in patients with functional ankle instability. *Journal of Science and Medicine in Sport*, 2014;17(4).
23. M Hadadi, K Ghoseiri, R Vameghi. The effects of thigh corset with side bars suspension in a subject with transtibial amputation: a biomechanical investigation. *Journal of UOEH*, 2013;35(4).
24. M Salavati, H Negahban, M Mazaheri, M Soleimanifar, M Hadadi, et al. The Persian version of the Berg Balance Scale: inter and intra-rater reliability and construct validity in elderly adults. *Disability and rehabilitation*, 2012;34(20).
25. M Hadadi, M Mazaheri, ME Mousavi, N Maroufi, et al. Effects of soft and semi-rigid ankle orthoses on postural sway in people with and without functional ankle instability. *Journal of Science and Medicine in Sport*, 2011;14(5).
26. M Mazaheri, S Fardipour, M Salavati, M Hadadi, H Negahban, et al. The Persian version of Trinity Amputation and Prosthetics Experience Scale: translation, factor structure, reliability and validity, *Disability and rehabilitation*, 2011;33(19-20),
27. S Fardipour, M Salvati, M Bahramizadeh, M Hadadi, M Mazaheri. Cross-cultural adaptation and evaluation of validity and reliability of Trinity amputation and prosthesis experience scales in an Iranian people with lower limb amputation. *Koomesh*, 2011; 12 (4).
28. M Hadadi, ME Mosavi, N Marofi, M Bahramizadeh, M Rahgozar. Differential effects of semirigid and soft orthoses on postural control between affected and unaffected leg in patients with functional ankle instability in compared with healthy subjects. *Koomesh*, 2009; 10 (3).

Editorial Board of

- Journal of Rehabilitation Sciences and Research, 2016-present

Reviewer of

- JOURNAL OF BACK AND MUSCULOSKELETAL REHABILITATION
- BMC SPORTS SCIENCE MEDICINE AND REHABILITATION
- Journal of Rehabilitation Sciences and Research
- BMC MUSCULOSKELETAL DISORDERS
- Journal of Disability and Rehabilitation
- CLINICAL INTERVENTIONS IN AGING
- Journal of Prosthetics and Orthotics
- Journal of Archives of Rehabilitation

- Bulletin of Emergency And Trauma

Congress Presentations

- Rehabilitation treatments for multiple sclerosis patients. First national webinar on new rehabilitation methods in multiple sclerosis. Shiraz Iran 2022. **Oral presentation**
- Robotic rehabilitation, One-day scientific conference, Shiraz Iran 2021. **Oral presentation**
- Introduction of cerebral palsy and new approaches in the treatment and rehabilitation of patients with cerebral palsy, One-day scientific conference, One-day scientific conference, Shiraz Iran 2021. **Oral presentation**
- The use of orthoses in walking rehabilitation of spinal cord injury patients, Shiraz Iran 2020. **Oral presentation**
- New technologies in rehabilitation, Shiraz Iran 2018. **Oral presentation**
- New approaches in the rehabilitation of people with spinal cord injuries, advanced methods of spinal cord injury rehabilitation conference, Shiraz Iran 2018. **Oral presentation**
- Comparison of effect of CMAS orthosis, soft ankle support and custom made insole on postural control of patient with chronic ankle instability. ISPO 2017 World Congress. CapeTown, South Africa, 2017. **Oral presentation.**
- Comparison of three types of foot orthoses on Star Excursion Balance Test performance in patients with chronic ankle instability. 12th Iranian Congress of Orthotics & Prosthetics. Tehran, Iran 2016. **Oral presentation.**
- Comparison of effect of prefabricates and textured insoles on dynamic balance of elder people. 12th Iranian Congress of Orthotics & Prosthetics. Tehran, Iran 2016. **Poster presentation.**
- Translation, cultural adaptation and evaluation of validity and reliability of satisfaction assessment module of Orthotics and Prosthetics Users' Survey. 11th Iranian Congress of Orthotics & Prosthetics. Tehran, Iran 2014. **Oral presentation.**
- Cross-cultural adaptation and evaluation of psychometric properties of CAIT questionnaire in subjects with FAI. 18th Annual Physical Medicine, Rehabilitation, and Electrodiagnosis. Tehran, Iran 2014. **Poster presentation.**

- Application of constraint induced movement therapy in rehabilitation of cerebral palsy children. ORTHOPAEDIE + REHA-TECHNIK, Leipzig, Germany, 2012. **Poster presentation.**
- Kinetics and kinematics analysis of the impact of the thigh corset with side bars suspension in a below the knee amputee. 10th Iranian Congress of Orthotics & Prosthetics. Tehran, Iran 2012. **Oral presentation.**
- Factors affecting psycho-social adaptation of persons with lower limb amputation. 10th Iranian Congress of Orthotics & Prosthetics. Tehran, Iran 2012. **Poster presentation.**
- Applications of robots in walking rehabilitation. The first Iranian conference of claiming and walking robots. Tehran, Iran 2012. **Oral presentation**
- Robotic rehabilitation. The first Iranian conference of claiming and walking robots. Tehran, Iran 2012. **Oral presentation**
- Evaluation of effect of semirigid and soft orthoses on postural control of affected and unaffected foot of patient with FAI. 9th Iranian Congress of Orthotics & Prosthetics. Tehran, Iran 2010. **Oral presentation.**
- Cross-cultural adaptation and evaluation of validity and reliability of TAPES questionnaire in people with lower limb amputation in Iran. 9th Iranian Congress of Orthotics & Prosthetics. Tehran, Iran 2010. **Oral presentation.**
- Investigation of effect of orthoses on postural control in subject with ankle sprain. 8th Iranian Congress of Orthotics & Prosthetics. Tehran, Iran 2008. **Oral presentation.**

Professional and Administrative experience

- Associate Professor
Shiraz University of Medical Sciences, Faculty of Rehabilitation Sciences, Shiraz, Iran
2016-present
- Head of Orthotics & Prosthetics Department,
School of Rehabilitation Sciences, Shiraz University of Medical Sciences, Shiraz, Iran
2016-present
- Associate Dean for Research Affairs
Rehabilitation Sciences Research center, Shiraz University of Medical Sciences,
Shiraz, Iran 2016-2022

- Head of the rehabilitation sciences research center
Rehabilitation Sciences Research center, Shiraz University of Medical Sciences, Shiraz,
Iran 2022-2024
- Associate Dean for Research Affairs
Orthopedic & Rehabilitation Research center, Shiraz University of Medical Sciences,
Shiraz,Iran 2024-present