

Dr. Salman Nazary-Moghadam

**Associate Professor of Physiotherapy
Academic Staff at MUMS (2015-Now)**

Nazary_salman@yahoo.com

Nazaryms@mums.ac.ir

[Updated: 01 Oct 2024](#)



- **Address:** Department of Physical Therapy, School of Paramedical and Rehabilitation Sciences, Mashhad University of Medical Sciences, Mashhad, Iran.
- **Tel:** (+98 51) 38846713-18

Marriage Status

- **Married** (2007)

Educational Background

- Ph.D. of Physiotherapy at University of Social Welfare and Rehabilitation Sciences (2010-2015)
- M.Sc. of Physiotherapy at University of Social Welfare and Rehabilitation Sciences (2006-2008)
- B.Sc. of Physiotherapy at Semnan University of Medical Sciences (2000-2004)

Workshops (As Lecturer)

- Dry Needling
- Kinesiotaping
- Palpation Techniques in upper extremity, lower extremity, and trunk
- Basics of manual therapy
- Physiotherapy treatment of shoulder complex
- Manual Therapy of the cervical spine
- Manual Therapy of the thoracic spine
- Manual Therapy of the lumbar spine
- Manual Therapy of the sacroiliac joint
- Mobilization of peripheral joints
- Muscle energy technique
- Therapeutic exercises for lumbopelvic stabilization
- Cervicogenic headache
- Scapular rehabilitation

Research Interests

- Reaction Time in Patients with Musculoskeletal Disorders
- Postural Control Assessment by Linear and Non-Linear Kinematic Measurement
- Reliability, Validity and Responsiveness Assessment
- Physiotherapy of Shoulder Pathologies

Honors & Awards

- Ranked First in PhD entrance exam 2010.
- Receiving “The Distinguished Student of the USWR University” Award 2010.
- Recognized as “Exceptional Talents” student (2010-2015).

Books

- Physiotherapy after common orthopedic surgeries
- Neurokinetic Therapy

Inventions

- Continuous passive motion for rehabilitation of wrist joint
- Designing and producing computer games for children with neurological diseases
- Lower limb rehabilitation device
- Lower limb reaction time measuring device
- Mobile-based software for the rehabilitation of patients after arthroscopic rotator cuff tendon repair surgery
- Design and evaluation of the acceptance and usability of a mobile-based software for the rehabilitation of patients with frozen shoulder: A feasibility study
- Knee Joint Reaction Time Measurement Package
- Patient Rehabilitation Accelerator System (or Platform)
- Efficiency Assessment Tool for Physiotherapy Exercises
- Lower Limb Rehabilitation Device
- Design and Development of a Computer Game for Children with Neurological Disorders

Publications H-Index (10)

1. Nazary-Moghadam S, Nodehi_Moghadam A, Arab A, Zeinalzade A. Scapular Kinematics: A Comparison between Females with and Without General Hypermobility Syndrome in Arm Elevation. *jrehab.* 2010; 11 (2):8-14.
2. Khademi Kalantari, Zeinalzade A, Kobarfard F, Nazary-Moghadam S. The Effect and Persistency of 1% Aluminum Chloride Hexahydrate Iontophoresis in the Treatment of Primary Palmar Hyperhidrosis "Iranian Journal of Pharmaceutical Research (2011), 10 (3): 641-645.
3. Zeinalzade, A, Khademi, K, Kobarfard F, Nazary-Moghadam S. Chloride Hexahydrate Iontophoresis with Topical Application of It in Primary Palmar Hyperhidrosis. *JBUMS.* 2010; 11 (6) :26-32

4. **Nazary-Moghadam S**, Safavi SA, Nikravesh B. Effect of cryotherapy on the grip strength in healthy adult, Journal of USWR Research Committee, 2011
5. **Nazary-Moghadam S**, Afsoon Nodehi, Amir Masood Arab, Afsaneh Zeinalzadeh, Hossein Negahban. Scapular kinematic measurement in subjects with and without General Hypermobility Syndrome using Motion Analysis System: a reliability study, JRSR 4 (2015) 80-86.
6. Salman **Nazary-Moghadam** , Mahyar Salavati , Ali Esteki , Behnam Akhbari , Sohrab Keyhani , Afsaneh Zeinalzadeh. Effect of dual-tasking on variability of spatiotemporal parameters in subjects with and without ACL deficiency using linear dynamics. Physical treatment, 2015,4(3), 215-221
7. Talebian S, Hosseini A, Zeynalzade B, Zeinalzadeh A, **Nazary-Moghadam S**. Healthy older adults balance pattern under dual task conditions: Exploring the strategy and trend. Health Promotion Perspectives, Health Promot Perspect. 2016 Oct 1; 6(4):207-212.
8. **Nazary-Moghadam S**, Zeinalzadeh A, Salavati M, Almasi S, Negahban H. Adaptation, reliability and validity testing of a Persian version of the Health Assessment Questionnaire-Disability Index, J Bodyw Mov Ther. 2017 Jan;21(1):133-140.
9. Morteza Taghipour, Salman Nazary-Moghadam, Mohammad Reza Pourahmadi, Fatemeh Rajabzadeh, Afsun Nodehi-Moghadam. The effects of visual feedback and verbal encouragement on abdominal muscles endurance tests. Journal of Rehabilitation Sciences and Research, JRSR 3 (2017) 61-65
10. **Nazary-Moghadam S**, Salavati M, Esteki a, Akhbari B, Keyhani S, Zeinalzadeh A. Intrasession and Intersession reliability of gait kinematic measures during dual-task performance in subjects with and without anterior cruciate ligament deficiency, Journal of Bodywork and Movement Therapies, J Bodyw Mov Ther. 2017 Oct; 21(4):852-859.
11. Zeynalzadeh Ghoochani B, Derakhshan rad SA, Hosseini SA, Talebian S, Biglarian A, Zeinalzadeh A, **Nazary-Moghadam S**. Investigating the Impact of Dual Task Condition and Visual Manipulation on Healthy Young Old During Non-Dominant Leg Stance. Iranian Rehabilitation Journal. 2017; 15(2):125-134.

12. Zeinalzadeh A, Talebian S, Naghdi S, Salavati M, **Nazary-Moghadam** S, Zeinalzadeh B. Effect of vision and cognitive load on static postural control in subjects with and without patellofemoral pain syndrome. *Physiotherapy Theory and Practice, Physiother Theory Pract.* 2018 Apr; 34(4):276-285.

13. Salman Nazary-Moghadam, Mahyar Salavati; Ali Esteki; Behnam Akhbari; Sohrab Keyhani; Afsaneh Zeinalzadeh. Gait on the Stride to Stride Variabilityin Individuals with Anterior Cruciate LigamentDeficiency. *Journal of "The Knee"*, 2019, 26 (1), 88-96.

14. **Nazary-Moghadam** S, Salavati M, Esteki a, Akhbari B, Keyhani S, Zeinalzadeh A. Reliability of non- linear gait kinematic measures during dual-task performance in subjects with and without anterior cruciate ligament deficiency, *Journal of Sports Rehabilitation*, 2020, 29 (2): 253-256.

15. **Nazary-Moghadam** S, Zeinalzadeh A, Salavati M, Almasi S. Responsiveness of the Persian Health Assessment Questionnaire measures in differentiating among disease activity levels in rheumatoid arthritis patients. 2020: In Press. DOI: 10.1016/j.jbmt.2020.02.023.

16. Zeinalzadeh A, **Nazary-Moghadam** S. Lee Silverman Voice Treatment-BIG Method in Treatment of Patients with Parkinson Disease, Volume 9, Issue 2, Summer 2020, Pages 98-108.

17. Afsaneh Zeinalzadeh, **Nazary-Moghadam** S, Sayyed Hadi Sayyed Hosseini, Ebrahimzadeh MH, Imani Esmaeel, Karimpour Samira. Intra- and inter-session reliability of methods for measuring reaction time in participants with and without patellofemoral pain syndrome, *The Archives of Bone and Joint Surgery (ABJS)*, *Arch Bone Jt Surg.* 2021; 9(1): 102-109. Doi: 10.22038/abjs.2020.46213.2270

18. Salman Nazary-Moghadam, Esmaeel Imani, Sayyed Hadi Sayyed Hosseini, Afsaneh Zeinalzadeh, Karimpour Samira. Visuomotor reaction time difference between patellofemoral pain syndrome and healthy individuals: Cross-sectional study, *J Bodyw Mov Ther*, . 2021 Jul; 27: 274-280.

19. Mohammad Reza Tehrani, Salman Nazary-Moghadam, Afsaneh Zeinalzadeh, Ali Moradi, Hassan Mehrad- Majd & Mohamad Sahebalam, Efficacy of low-level laser therapy on pain, disability, pressure pain threshold, and range of motion in patients with myofascial neck pain syndrome: a systematic review and meta-analysis of randomized controlled trials. *Lasers in Medical Science* (2022)

20. **Salman Nazary-Moghadam**, Afsaneh Zeinalzadeh, Parviz Marouzi, The Correlation between lower limb disability and laboratory and clinical findings in patients with Rheumatoid Arthritis. The Journal of Paramedical Science and Rehabilitation (JPSR), Published Online.

21. Dabiri, S. R., Tehrani, M. R., Omidi-Kashani, F., Mami-Pour, H., Tabesh, H., Moradi PhD, A., **Salman Nazary-Moghadam***. The Responsiveness of Three Persian Outcome Measures Following Physiotherapy Intervention in Patients with Chronic Non-Specific Neck Pain. The Archives of Bone and Joint Surgery, 2023; 11(5): 356-364. doi: 10.22038/abjs.2023.68253.3227.

22. Mohammad Reza Mazaheri Tehrani, **Salman Nazary-Moghadam***, Seyed Ramin Dabiri, Afsaneh Zeinalzadeh, Hamed Mami-Pour, Ali Moradi. Translation, cross-cultural adaptation, reliability, and validity of the Persian version of the Neck Outcome Score questionnaire in Iranian patients with non-specific neck pain. Accepted.

23. Afroz Yahya-Zadeh, Afsaneh Zeinalzadeh, Mohammad Ali Zare, Mobina Ali Mohammadi, Parviz Maroozi, **Salman Nazary-Moghadam***. Comparison of utilizing modified hold-relax, muscle energy technique, and instrument-assisted soft tissue mobilization on hamstrings muscle length in healthy athletes: Randomized controlled trial. Journal of Bodywork and Movement Therapies, In Press

24. Hamed Mamipour, Samira Farazmehr, Hossein Negahban, **Salman Nazary-Moghadam**, Farideh Dehghan- Manshadi, Mozhdeh Navi Nezhad, Sarah Jafari, Masoumeh Sharifzadeh. Effect of Core Stabilization Exercises on Pain, Functional Disability, and Quality of Life in Pregnant Women With Lumbar and Pelvic Girdle Pain: A Randomized Controlled Trial. J Manipulative Physiol Ther. 2023 Jan;46(1):27-36.

25. **Nazary-Moghadam, S.**, Talebian Moghadam, S., Zeynalzadeh Ghoochani, B., Zeynalzadeh, A. A Comparative Study of the Effect of Visual Input and Standing Position on Postural Control in People with and without Patellofemoral Pain Syndrome. Journal of Paramedical Sciences & Rehabilitation, 2023; 12(1): 88-98. doi: 10.22038/jpsr.2023.70439.2477

26. Dabiri SR, Tehrani MR, Omidi-Kashani F, Mami-Pour H, Tabesh H, Moradi A, **Nazary-Moghadam S.** The Responsiveness of Three Persian Outcome Measures Following Physiotherapy Intervention in Patients

with Chronic Non-Specific Neck Pain. *Arch Bone Jt Surg.* 2023;11(5):356-364. doi: 10.22038/ABJS.2023.68253.3227.

PMID: 37265526; PMCID: PMC10231919.

27. Nazary-Moghadam S, Tehrani MR, Kachoei AR, Golmohammadzadeh S, Moradi A, Zare MA, Zeinalzadeh A.

Comparative effect of triamcinolone/lidocaine ultrasonophoresis and injection on pain, disability, quality of life in patients with acute rotator cuff related shoulder pain: a double blinded randomizedcontrolled trial. *Physiother Theory Pract.* 2024 Feb 18:1-9.

28. Nazary-Moghadam S, Abbasi Z, Sekandari R, Razi A, Zeinalzadeh A, Rostami S, Khabbaz Kababi MH.

Kinesiotaping Is Not Better Than a Placebo: Kinesiotaping for Postural Control in Anterior Cruciate Ligament-Reconstructed Patients-A Randomized Controlled Trial. *J Sport Rehabil.* 2024 Mar 26:1-7.

29. Farzaneh Khazaei, Sayyed-Hadi Sayyed-Hosseini, Hamid Heidarian Miri, Afsaneh Zeinalzadeh, Salman Nazary-Moghadam*, Prognostic Values of Clinical and Anthropometric Characteristics in Lateral Ankle Sprain Following

Physiotherapy, *The Journal of Foot and Ankle Surgery.* Volume 63, Issue 4, July–August 2024, Pages 495-501.

30. Salman Nazary-Moghadam, Fatemeh Zarei-Moghadam, Afsaneh Zeinalzadeh, Mohammad Hosein Ebrahimzadeh, Ali Moradi, Maryam Emadzadeh, Scott Hasson. Effects of Comprehensive Physiotherapy Compared with Routine

Physiotherapy on Pain and Function in Patients with Subacromial Pain Syndrome: A Randomized Clinical Trial with 6-month Follow-up, *Journal of Bodywork and Movement Therapies.* Volume 40, October 2024, Pages 270-278.

31. Alireza Banaye Yazdipour, Seyed Mohammad Ayyoubzadeh, Salman Nazary-Moghadam, Goli Arji, Fatemeh

Sadat Mirmohammad Meigooni, Khalil Kimiafar, Leila Shahmoradi, Physical therapy registries worldwide: A systematic review. *Health Sci. Rep.* 2024;7:e2312

32. Alireza Banaye Yazdipour, Seyed Mohammad Ayyoubzadeh, Salman Nazary-Moghadam, Leila Shahmoradi &

Khalil Kimiafar Development and evaluation of the musculoskeletal physical therapy registry in Iran: a step toward enhanced evidence-based practice. *BMC Musculoskeletal Disorders* volume 26, Article number: 326 (2025)

33. Hamed Mamipour , Hossein Negahban , Afsaneh Zeinalzadeh , Mohammad Hosein Ebrahimzadeh , Salman Nazary-Moghadam. Comparing selective and general hamstring stretching and strengthening for pain, disability, and quality

of life in patients with primary knee osteoarthritis and varus deformity: A randomized clinical trial. *Physiother Theory Pract.* 2025 Jun;41(6):1203-1212. doi: 10.1080/09593985.2024.2415966. Epub 2024 Oct 18.

34. Sadaghiyani, Z., Tahan, N., Shoeibi, A., Nazary Moghadam, S., Akbarzadeh Baghban, A., Zeinalzadeh, A.

Investigating the Effect of Comprehensive Therapeutic Exercise on Cognitive and Motor Performance in People with Parkinson Disease. *Journal of Paramedical Sciences & Rehabilitation,* 2025; 14(1): 32-41. doi:

10.22038/jpsr.2025.74476.2537

35. Matlabi Lotfabadi A, Ghaderi F, **Nazary-Moghadam S**, Kianifar HR, Sarbakhsh P. Investigating the effects of using Tecar therapy with biofeedback compared to biofeedback alone in the treatment of fecal incontinence in children aged 4 to 16 years: a randomized clinical trial study. *Gastroenterol Hepatol Bed Bench*. 2025;18(1):82-90. doi: 10.22037/ghfbb.v18i1.3093. PMID: 40734805; PMCID: PMC12301541.

36. Rostami S, Zeinalzadeh A, Sekandari R, Abbasi Z, Abdollahian V, **Nazary-Moghadam S**. Neurocognitive function in chronic ACL reconstructed patients: A cross-sectional study. *J Bodyw Mov Ther*. 2025 Oct;44:438-443. doi: 10.1016/j.jbmt.2025.05.010. Epub 2025 May 28. PMID: 40954614.

Presentations

More than 30 abstract as oral /poster presentation in the proceedings of **international and national** congress and seminars in Iran

1. Rehabilitation of older adult shoulders, Aging Seminar, Mashhad, Iran, 3 Oct 2024
2. Physiotherapy for rotator cuff tendinopathy 5rd International congress of Iranian Physiotherapy Association, Tehran, Iran. 25-27 Sep 2024
3. Comparison of Neurocognitive reaction time between patellofemoral pain syndrome and healthy individuals, 3rd International congress of Iranian Physiotherapy Association, Tehran, Iran.
4. The comparison of individualized and traditional physical therapy on pain, and range of motion in patients with subacromial impingement syndrome: double blinded randomized control trial, 3rd International congress of Iranian Physiotherapy Association, Tehran, Iran.
5. Evaluation and manual therapy for thoracic spine disorders, Mashhad, Iran.
6. Postoperative Rehabilitation after Shoulder Capsular Release, Mashhad, Iran.
 1. Role of the Scapula in Impingement Syndrome, Mashhad, Iran.
 2. The Common Musculoskeletal Disorders in Older Adults, Rasht, Iran
 3. The Role of Exercise in Preventing Menopause, Mashhad, Iran.
 4. Role of Physiotherapy in Pain Decrease, Mashhad, Iran.
 5. Rehabilitation after Elbow Disorders, Mashhad, Iran.
 6. New Special Techniques for Evaluation and Treatment of Shoulder Complex, Mashhad, Iran.
7. Post-Operative Rehabilitation after Shoulder Instability, Mashhad, Iran.
8. Mulligan Techniques for Cervical Spine and Shoulder Complex, Mashhad, Iran.
9. Mulligan Techniques for Upper Limb Dysfunctions, Mashhad, Iran.
10. Mulligan Techniques for lumbopelvic Dysfunctions, Mashhad, Iran.
11. Mulligan Techniques for lower limb dysfunctions, Mashhad, Iran.
12. Scapular rehabilitation algorithm in shoulder dysfunction, Mashhad, Iran.
13. Effect of Cognitive Load on Gait Spatiotemporal Parameters in Subjects with and without ACL Defic Using Non-linear

Dynamics, Mashhad, Iran.

14. Effect of Cognitive Load on Spatiotemporal Gait Characteristics in Subjects With and Without An Cruciate Ligament Deficiency Using Non-linear Dynamics, Mashhad, Iran.
15. Effect of laser therapy on pain and disability in subjects with shoulder impingement syndrome, T Iran
16. Manual Therapy in lumbopelvic Dysfunctions, Mashhad, Iran.
17. The New Approaches in Examination and Treatment of Shoulder Musculoskeletal Disorders, Work Oct, 2016, Mashhad, Iran.
18. Effect of Cognitive Load on hip and knee kinematic in subjects with and without ACL deficiency, Oral Presentation, Iran Physiotherapy Congress. Tehran, Olympic Hotel. May 4 -6 2016
19. Scapular Rehabilitation Algorithm, Poster Presentation, Iran Physiotherapy Congress. Tehran, Oly Hotel. May 4-6 2016
20. Effect of Cognitive Load on gait spatiotemporal parameters in subjects with and without ACL defic using linear dynamics Oral Presentation, Clinical Movement Science Congress, Ahvaz, Ahvaz Univ o Medical Sciences, Feb, 2016
21. Impingement Syndrome, Chief Scientific Advisor, Pandi's Hall, Ghaem Hospital 22, July, 2015
22. Role of Scapula in Impingement Syndrome, Pandi's Hall, Ghaem Hospital 22, July, 2015
23. Shoulder Muscle Pattern in Patients with Multidirectional Shoulder Instability: surgery or conser treatment. 3 rd International congress of endoscopic& minimally invasive surgery, Mashhad, 5 -9 2012.
24. Upper Limb Mobilization, Oral Presentation, Pandi's Hall, Ghaem Hospital, Jan, 2010
25. The New Approach in Physical Therapy of Soft Tissues, Oral Presentation, August 2009
26. Scapular Kinematics: A Comparison between Females with and Without General Hypermo Syndrome in Arm Elevation, Poster Presentation, Tehran, Hejab Hall, 7 May 2009
27. Transcranial Magnetic Stimulation on spasticity of multiple sclerosis, The Asian-Pacific Interna Congress of Anatomists, 16-19 may 2008, Tehran, Ir

Administrative Responsibilities

- Chairman of *Exceptional Education development Office*, School of Paramedical and Rehabilitation Sciences, Mashhad University of Medical Sciences, Mashhad, Iran
- Chairman of *Exceptional Talents Committee of Education development Organization* of School of Paramedical and Rehabilitation Sciences, Mashhad University of Medical Sciences. Mashhad, Iran.
- The chairman of “*Relations of Industry with Medical University Office*”
- Editorial board member at *Journal of Paramedical sciences and Rehabilitation*
- Member of Scientific Committee of *Iran Physiotherapy Congress*
- Chairman of Virtual Learning of Physiotherapy Department of Mashhad University of Medical Sciences.
- Member of Students Research Committee of Semnan University of Medical Sciences 2002-2003.

Peer review

- Journal of Back and Musculoskeletal Rehabilitation (ISI)
- Quality of Life Research (ISI)
- Journal of Sports Rehabilitation (ISI)
- Journal of Manipulative and Physiological Therapeutic (ISI)
- Physiotherapy Theory and Practice (ISI)
- The Archives of Bone and Joint Surgery (ISI)
- Scientific Journal of Rehabilitation Medicine
- Journal of Babol University of Medical Sciences (Scopus)
- The Iranian Journal of Obstetrics, Gynecology and Infertility
- Journal of Guilan University of Medical Sciences
- Journal of Rehabilitation Sciences and Research
- Physical Treatment
- The Journal of Paramedical Science and Rehabilitation

English (MCHE)

- Speaking (Upper Intermediate)
- Scientific Writing (Advanced)
- Reading (Advanced)
- Listening (Upper Intermediate)

Interest (Leisure Time)

- Mountain Climbing
- Basketball Playing
- Outdoor Running
- Close Communication with charity institutes