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Demographic Information

Date of Birth: Oct 19, 1979

Place of Birth: Khomeinishahr, Iran.

Nationality: Iranian

Marital status: Married

Citizenship: Iran

EDUCATION QUALIFICATION:

2016 - 20:	Ph.D. in Physical Therapy, School of Medical Sciences, Tehran medical University
	Dissertation Title: " Effect of Ankle Plantar Flexor Spasticity Level on Balance in Patients With Stroke "
	Accepted graded as Excellent
	Supervisors: Dr. Nouredin Nakhostin Ansari Advisor: Dr. Soofia Naghdi, Dr. Ebrahim Sadeghi-Demneh
2012 - 16:	M.Sc. in Physical Therapy, School of Medical Sciences, Isfahan University
	Thesis Title: " The effect of dry needling on the radiating pain in subjects with discogenic low-back pain"
	Accepted with score 19.5/20
	Supervisor: Dr. Abdolkarim Karimi Advisor: Dr. Zahra Sadat Rezaeian, Dr. Jan Dommerholt
1997 -02:	B.Sc. in Physical Therapy, Rehabilitation School, Isfahan University of Medical Sciences
	Thesis Title: " Comparison of extensor to flexor ratio of trunk muscles between healthy and low back pain subjects "
	Accepted with 19.5/20
	Supervisors: Dr. Navid Taheri

RESEARCH IDS

Item	Value
ORCID	0000-0002-1416-2102
Researcher ID	ADM-6556-2022
Scopus Author ID	57218215044

RESEARCH INTERESTS:

I am focused on clinical research on chronic disorders (low back pain & stroke). These disorders are the most disabling diseases around the world that imposes considerable social and economic burden.

Fingerprints

Stroke | Spasticity | Gait and Motion Analysis | Exercise therapy | Low back Pain | Physical Therapy Approaches |

ACADEMIC EXPERIENCES:

LINGUISTIC SKILLS

1. Native: Persian
2. Other Languages: English

PREVIOUS WORK EXPERIENCE

Jan 2002	Mar 2021	Supervisor and Chief Physical Therapist in physical therapy clinic, Khomeinishahr, Isfahan
Apr 2021	Apr 2023	PhD commitment, Musculoskeletal research center, Isfahan University of Medical Sciences,

Teaching Experience:**Clinical Services Experience****Physical Therapist**

Primary therapist for children, adolescents, and adults in generalist and specialized outpatient/inpatient physical therapy clinics (Rheumatology, Orthopedic, Cardiovascular, Neurology, Gynecologic, Obstetrics, Amputation, Burn and Wound, General Surgery ...

Supervisory Experience

Supervisor and Chief Physical Therapist

INDUSTRY LINK AND TECHNOLOGY EXPERIENCE

1. Evaluation the performance and clinical effectiveness of the TENS device in reducing menstrual pain, ethic code IR.ARI.MUI.REC.1401.309

MEMBERSHIP OF SCIENTIFIC SOCIETIES:**National Licensure****Since**

2002 Medical Council of Islamic Republic of Iran, MCIRINO: F-2095 (IRIMC:
<https://membersearch.irimc.org/member/profile?id=5256148c-a65e-47e0-b36b-965cab9fac>).

EXTERNAL REVIEWER:**National**

2021 Asian Journal of Sports Medicine

International

2022 Frontiers Neurology

JOURNAL PAPERS

1. **Mahmoudzadeh A**, Karimi A. A Review on the Effects of Dry Needling Method on Myofascial Pain. Journal of Research in Rehabilitation Sciences. 2016 Jan 1;11(5):354-8.
2. **Mahmoudzadeh A**, Rezaeian ZS, Karimi A, Dommerholt J. The effect of dry needling on the radiating pain in subjects with discogenic low-back pain: a randomized control trial. Journal of research in medical sciences: the Official Journal of Isfahan University of Medical Sciences. 2016;21.
3. **Mahmoudzadeh A**, Abbaszadeh S, Baharlouei H, Karimi A. Translation and Cross-cultural Adaptation of the Fremantle Back Awareness Questionnaire into Persian language and the assessment of reliability and validity in patients with chronic low back pain. Journal of Research in Medical Sciences: The Official Journal of Isfahan University of Medical Sciences. 2020;25.
4. **Mahmoudzadeh A**, Ansari NN, Naghdi S, Sadeghi-Demneh E, Motamedzadeh O, Shaw BS, Shariat A, Shaw I. Effect of ankle plantar flexor spasticity level on balance in patients with stroke: protocol for a cross-sectional study. JMIR Research Protocols. 2020 Aug 21;9(8):e16045.
5. **Mahmoudzadeh A**, Nakhostin Ansari N, Naghdi S, Ghasemi E, Motamedzadeh O, Shaw BS, Shaw I. Role of Spasticity Severity in the Balance of Post-stroke Patients. Frontiers in Human Neuroscience. 2021 Dec 10;15:783093.
6. Motamedzadeh O, Ansari NN, Naghdi S, Azimi A, **Mahmoudzadeh A**, Calvo S, Herrero P. A Study on the Effects of Dry Needling in Multiple Sclerosis Patients with Spasticity: Protocol of a Randomized Waitlist-Controlled Trial.

PAPERS PRESENTED IN CONGRESSES & SEMINARS

1. **Mahmoudzadeh A**, Dry needling in spasticity
2. **Mahmoudzadeh A**, Rezaeian ZS, Karimi A, Dommerholt J. The effect of dry needling on the radiating pain in subjects with discogenic low-back pain: a randomized control trial.

3. **Mahmoudzadeh A**, Nakhostin Ansari N, Naghdi S, Ghasemi E, Motamedzadeh O, Shaw BS, Shaw I. Role of Spasticity Severity in the Balance of Post-stroke Patients

PUBLICATIONS

1. "Spasticity Diagnosis and Management"- Translation into Persian

CERTIFICATES

1. Manual therapy, 1396.07.30, EDC, Tehran University of Medical Sciences, Tehran, Iran.
2. EEG and ERP in the Rehabilitation, 1396.10.24, EDC, Tehran University of Medical Sciences, Tehran, Iran.
3. Systematic review and meta-analysis, 1400.02.22, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
4. Systematic review and meta-analysis, 1400.02.29, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
5. Systematic review and meta-analysis, 1400.03.19, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
6. Standing on the shoulder of giants, 1400.02.27, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
7. Preliminary research method, 1400.02.12, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
8. Data mining as an approach to extract hidden patterns in medical data, 1400.02.28, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
9. Medical Journalism, 1400.04.20, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
10. Medical Journalism, 1400.04.27, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
11. Questionnaire Cross-cultural Adaptation, 1400.06.24, EDC, Isfahan University of Medical Sciences, Isfahan, Iran
12. Action research, 1400.07.06, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
13. Qualitative research, 1400.08.17, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
14. How to attract internal and external grants, 1400.12.12, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
15. New methods in Neurology physical therapy, 1401.08.24, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
16. Assessment, Clinical Reasoning and Treatment for the Shoulder Complex 10-12 Aug 2014, University of Northern Georgia, Department of Physical therapy, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.

RESEARCH STUDENTS ADVISOR

1. Investigating effects of extracorporeal shockwave therapy on hamstring tightness and comparing it with dynamic soft tissue mobilization in basketball players aged 15 to 18 years old; Dr. shila Haghghat, 2021 (Grant number: 3400433, ethic code: IR.MUI.MED.REC.1400.801).

REFERENCES

Available on request