

Curriculum Vitae



Personal information:

First name: Afsoon

Surname: Hassani Mehraban

Nationality: Iranian

Gender: Female

Work address: Department of Occupational therapy
School of Rehabilitation Sciences
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Education:

- 2004-2008** PhD in occupational therapy, School of Health, Newcastle University, Newcastle, Australia
- 1993-1995** MSc. in occupational therapy, School of Rehabilitation Sciences, IUMS, Tehran, Iran (number one)
- 1987-1991** BSc. In occupational therapy, School of Rehabilitation Sciences, IUMS, Tehran, Iran (number one)

Work experience:

- 1995-present** Lecturer and faculty member in occupational therapy department, School of Rehabilitation Sciences, IUMS
- 2007** Lecturer in Occupational therapy department, School of Health, Newcastle University, Newcastle, Australia
- 2008-2016** Faculty member, head of OT department
- 2018- present** Editor of "Function and Disability Journal"
- 2021- present** Vice Chancellor of Research in School of Rehabilitation sciences

Publications:

Jamali, A., Hassani Mehraban, A., amini, M. (2022). Psychometric properties of the Persian version of the Burden Scale for Family Caregivers-short version in patients with stroke. *Journal of Rehabilitation Sciences & Research*, (), -. doi: 10.30476/jrsr.2022.91822.1187

Pashmdarfard, M., Hassani Mehraban, A., Shafaroodi, N., Soltani Arabshahi, K., Parvizy, S., Azad, A., & Karamali Esmaeili, S. (2022). Validation of Objective Structured Clinical Examination (OSCE) based on the Occupational Therapy Practice Framework (OTPF): A pilot study. *Journal of Occupational Therapy Education*, 6(2), 12.

Seifollahi, M., Hassani Mehraban, A., Khamseh, F., Salehi, M. Detection of mild cognitive Impairment from gait using Adaptive Neuro-Fuzzy Inference system. *Biomedical Signal Processing and Control*, 2022

Binesh, M., Mehraban, A. H., Shahboulaghi, F. M., Aghili, R., & Shafaroodi, N. (2022). Development and preliminary feasibility evaluation of occupation-centered diabetes self-management intervention. *British Journal of Occupational Therapy*, 85(6), 400–408. <https://doi.org/10.1177/03080226211030100>

Joveini, G., Hasani Mehraban, A., Zareiyani, A., Khalafbeigi, M., & Lajevardi, L. (2022). Development and Validation of Iranian Adolescent's Participation Assessment Tool. *British Journal of*

Pashmdarfard M, Hassani Mehraban A, Shafaroodi N, Soltani Arabshahi K, Parvizy S. Strategies to Promote the Quality of Occupational Therapy Fieldwork Education: A Qualitative Study. *Med J Islam Repub Iran*. 2022; 36 (1) :209-216

Shams, F. E., M. Amini, A. H. Mehraban, M. Alizadeh Zarei, e D. Kalani. "Development and Psychometric Evaluation of Performance-Based Upper Extremity Motor Control Test (PB-UE-MCT) for People With Cerebral palsy/Desenvolvimento E avaliação psicométrica Do Teste De Controle Motor Das Extremitades Superiores Com Base No Desempenho (PB-UE-MCT) Para Pessoas Com Paralisia Cerebral". *Cadernos Brasileiros De Terapia Ocupacional*, vol. 29, junho de 2021, p. e2853

Mohammadi, A., Mehraban, A. H., Damavandi, S. A., Zarei, M. A., & Haghani, H. (2021). The effect of play-based occupational therapy on symptoms and participation in daily life activities in children with cancer: A randomized controlled trial. *British Journal of Occupational Therapy*, 84(7), 400–409.

Rostamzadeh, O., Amini, M., & Hassani Mehrban, A. (2021). Construct Validity and Reliability of the Children Participation Assessment Scale-Child version in Children with Physical Disabilities. *Iranian journal of child neurology*, 15(3), 99–108. <https://doi.org/10.22037/ijcn.v15i3.26089>

Shamili A, Hassani Mehraban A, Azad A, Raissi G R, Shati M, Farajzadeh A. Effectiveness of Self-Action Observation Therapy as a Novel Method on Paretic Upper Limb and Cortical Excitability Post-Stroke: A Single-Subject Study. *Med J Islam Repub Iran*. 2021; 35 (1) :1360-1369

Zaree, M., Hassani Mehraban, A., Lajevardi, L., Saneii, H., Pashazadeh Azari, Z., & Mohammadian Rasnani, mF. (2021) Translation, reliability and validity of Persian version of Adolescent/Adult Sensory Profile in dementia, *Applied Neuropsychology: Adult*, DOI: 10.1080/23279095.2021.1904927

Binesh, M., Aghili, R., & Mehraban, A. H. (2021). Occupational balance in people with type-2 diabetes: A comparative cross-sectional study. *British Journal of Occupational Therapy*, 84(2), 122–129.

Pashmdarfard, M., Shafaroodi, N., Mehraban, A. H., Arabshahi, K. S., & Parvizi, S. (2021). Barriers to Occupational Therapy Fieldwork Education in Iran: The Perspectives of Fieldwork Educators and Students. *Iranian journal of nursing and midwifery research*, 26(3), 204–209. https://doi.org/10.4103/ijnmr.IJNMR_206_20

Seifollahi M, Soltanizadeh H, Mehraban A, Khamseh F. A survey on alzheimer's disease detection using gait analysis. *Koomesh*. 2020;22(1):10-27.

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Motaharinezhad F, Hassani Mehraban A, Lajevardi L, Ghahari S, Salimi Y. A Qualitative Exploration of Occupational Adaptation in Caregivers of People with Multiple Sclerosis. *Occup Ther Health Care*. 2020:1-15

Motaharinezhad F, Hassani Mehraban A, Ghahari S. Occupational Challenges in the Caregivers of People with Multiple Sclerosis: A Qualitative Study. *Middle East Journal of Rehabilitation and Health*

Mohammadi A, Mehraban A. Play-based occupational therapy for hospitalized children with cancer: A short communication. *Iranian Rehabilitation Journal*. 2020;18(1):17-22.

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Binesh M, Aghili R, Mehraban AH. Occupational balance in people with type-2 diabetes: A comparative cross-sectional study. *British Journal of Occupational Therapy*. 2020:0308022620963745.

Seifollahi M, Soltanizadeh H, Mehraban AH, Khamseh F. Alzheimer's disease detection using skeleton data recorded with Kinect camera. *Cluster Computing*. 2019:1-13.

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Shojaee M, Alizadeh Zarei M, Hasani Mehraban A. Translation, face and content validity of the persian version of school function assessment. *Middle East Journal of Rehabilitation and Health Studies*. 2017;4(4).

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Esmaili SK, Shafaroodi N, Mehraban AH, Parand A, Zarei M, Akbari-Zardkhaneh S. Effect of play-based therapy on meta-cognitive and behavioral aspects of executive function: a randomized, controlled, clinical trial on the students with learning disabilities. *Basic and Clinical Neuroscience*. 2017;8(3):203.

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Amini M, Hassani Mehraban A, Haghani H, Mollazade E, Zaree M. Factor structure and construct validity of Children Participation Assessment Scale in activities outside of school—Parent version (CPAS-P). *Occupational Therapy In Health Care*. 2017;31(1):44-60.

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Khayatzadeh-Mahani M, Mehraban AH, Kamali M, Parvizi S. Declination from Occupation Based Practice: Experience of Iranian Occupational Therapists. *REHABILITATION*. 2015;16(2):N2.

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Dezfuli MG, Akbarfahimi M, Nabavi SM, Mehraban AH, Jafarzadehpur E. Can hand dexterity predict the disability status of patients with multiple sclerosis? *Medical journal of the Islamic Republic of Iran*. 2015;29:255.

Aminian G, O'Toole JM, Mehraban AH. Undergraduate prosthetics and orthotics teaching methods: a baseline for international comparison. *Prosthetics and orthotics international*. 2015;39(4):278-85.

Shafaroodi N, Kamali M, Parvizi S, Mehraban AH, O'Toole G. Factors affecting clinical reasoning of occupational therapists: a qualitative study. *Medical journal of the Islamic Republic of Iran*. 2014;28:8.

Pourghayoomi E, Negahdar F, Shahidi G, Hassani Mehraban A, Ebrahimi I, Taghizade G, et al. Correlation between functional balance and mobility tests and postural sway measures in dual task paradigm in Parkinson's disease (a pilot study). *Journal of Basic and Clinical Pathophysiology*. 2014;2(2):1-12.

Mehraban AH, Soltanmohamadi Y, Akbarfahimi M, Taghizadeh G. Validity and reliability of the persian version of lawton instrumental activities of daily living scale in patients with dementia. *Medical journal of the Islamic Republic of Iran*. 2014;28:25.

Kosari Nejad M, Noorizadeh Dehkordi S, Dadgoo M, Hassani Mehraban A, Nabavi M. The association between urinary disorder, hypertonia and assistive device usage with falling in individual with Multiple Sclerosis. *Physical Treatments-Specific Physical Therapy Journal*. 2014;3(4):24-8.

Azad A, Mehraban AH, Mehrpour M, Mohammadi B. Clinical assessment of fear of falling after stroke: validity, reliability and responsiveness of the Persian version of the Fall Efficacy Scale-International. *Medical journal of the Islamic Republic of Iran*. 2014;28:131.

Mehraban AH, Mackenzie L, Byles J, Gibson R, Curryer C. Can the International Classification of Functioning, Disability and Health (ICF) be used to understand risk factors for falls in older Australian women? *Health*. 2013;2013.

Masoomi T, SHAFAROU DI N, Kamali M, HASANI MA, OMRANI PR. Psychological responses to breast cancer: A qualitative study. 2013.

Maghfouri B, HASSANI MA, TAGHIZADEH G, Aminian G, Jafari H. Internal consistency of reliability assessment of the Persian version of the 'Home Falls and Accident Screening Tool'. 2013.

Madineh H, Afsoon Hasani M, Faranak A, Ghorban T. Comparison of participation between children with cerebral palsy and typically developing peers 8-14 years old in leisure activities. 2013.

Binesh M, Hassani Mehraban A, Amouzadeh Khalili M, Ghomashchi H, Hamed D, Taghizadeh G. Relationship between functional balance tests and postural sway parameters in bending and picking up the object on the floor task in the chronic hemiparetic patients. *Koomesh*. 2013;14(4):455-65.

Maghfouri B, Mehraban AH, Taghizade G, Aminian G, Jafari H. Validity and reliability of Persian version of home falls and accident screening tool in Iranian elderly. *Modern Rehabilitation*. 2012;5(4).

Hasani Mehraban A, Taghizadeh G, Alizadeh M. Dual Task Performance in Youth Versus Elderly. *Iranian Journal of Ageing*. 2012;7(1):34-40.

Binesh M, Gh T, Mehraban A, Amouzadeh Khalili M, Hamed D, Ghomashchi H. Relationship between symmetry index and postural sway parameters in dynamic task and functional balance tests in right and left hemiparesis patients (pilot study). *Journal of Research in Rehabilitation Science*. 2012;8(5).

Bazrafkan F, Hassani Mehraban A, Moghadam M. Recourse Allocation in Young and Elderly Adults. *Iranian Rehabilitation Journal*. 2012;10(2):54-9.

Shams F, Hassani Mehraban A, Taghizadeh G. The effects of multisensory balance training on postural control in older adults. *Iranian Journal of Ageing*. 2011;6(3):7-12.

Lajevardi L, Rassafiani M, Shafaroodi N, Hassani Mehraban A, Ahmadi M. Quality of methodological design and level of research articles published by occupational therapists in Iranian scientific journals. *World Federation of Occupational Therapists Bulletin*. 2011;64(1):39-42.

Hassani Mehraban A, Mackenzie LA, Byles JE. A self-report home environment screening tool identified older women at risk of falls. *Journal of Clinical Epidemiology*. 2011;64(2):191-9.

Burger H. Can the International Classification of Functioning, Disability and Health (ICF) be used in a prosthetics and orthotics outpatient clinic? *Prosthetics and orthotics international*. 2011;35(3):302-9.

Bazrafkan F, Hassani Mehraban A. The effect of verbal instructions on allocation of attention on postural control in young adults. *Journal of Modern Rehabilitation*. 2011;5(2):23-8.

Hassani Mehraban A, Hosseini F. Elderly Grip Strength in Nursing Homes in Tehran. *Razi Journal of Medical Sciences*. 2004;11(39):23-9.

Conference presentations:

2005 Hassani Mehraban, A., et al. "Development of a self-report version of HOME FAST", Poster presentation in World Federation of Occupational Therapy (WFOT) Congress, Sydney, Australia

- 2005** Hassani Mehraban, A., et al. "A cross-sectional study of falls and home environment", Poster presentation in World Federation of Occupational Therapy (WFOT) Congress, Sydney, Australia
- 2008** Hassani Mehraban, A., "The application of the ICF for finding falls risk factors", 13th national congress of occupational therapy, Tehran, Iran
- 2008** Hassani Mehraban, A., Mackenzie, L. "Do occupational therapists and older people assess home environment for fall hazards differently?" 23rd OT National Conference, Melbourne, Australia
- 2008** Hassani Mehraban, A., et al. "Development of a self-report version of HOME FAST", 23rd OT National Conference, Melbourne, Australia
- 2008** Hassani Mehraban A. Prevention of fall in older people. Student Congress in Geriatric Rehabilitation. Tehran, Iran
- 2009** Hassani Mehraban A. Falling in blind older people. Blindness Rehabilitation Seminar. Tehran, Iran
- 2009** Hassani Mehraban, A. Research in Occupational Therapy. 14th Iranian Occupational Therapy Congress, Tehran, Iran
- 2010** 15th Iranian Occupational Therapy Congress, Tehran, Iran
- 2011** 16th Iranian Occupational Therapy Congress, Tehran, Iran
- 2012** 17th Iranian Occupational Therapy Congress, Tehran, Iran
- 2012** Hassani Mehraban A. How to develop and introduce new treatment method? Seminar: Education of occupational therapists with ethical and legal issues in Pediatrics
- 2013** Hassani Mehraban A. Psychometric properties of Lawton instrumental ADL in Dementia. 17th Iranian Physical Medicine Congress
- 2013** 18th Iranian Occupational Therapy Congress, Tehran, Iran
- 2014** Hassani Mehraban A. Importance of Measurement in Occupational Therapy. 19th Iranian Occupational Therapy Congress, Tehran, Iran

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Interests:

Older people rehabilitation specially fall
Cancer & diabetes
Scale development
Participation
ICF