

MOHAMMAD KHAYATZADEH-MAHANI

Assistant Professor

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<https://scholar.google.com/citations?user=XBazC4sAAAAJ&hl=en>

Google scholar H- index: **10**

Scopus H-index: 5

Education

- PhD in Occupational Therapy, graduated at 2015.

Iran University of Medical Sciences, Tehran, Iran

Dissertation: Identification of attitudes and experiences of Iranian occupational therapists to occupation based practice, Development and psychometric evaluation of its measurement scale.

- MsC in Occupational Therapy, graduated at 2003.

University of Welfare and Rehabilitation Sciences, Tehran, Iran.

Dissertation: Investigation of visual perceptual skills of children aged 7 to 9 years in Tehran using TVPS-R.

- BsC in Occupational Therapy, graduated at 1996.

Shahid Beheshti University of Medical Sciences, Tehran, Iran.

Dissertation: Review of shoulder joint soft tissues injuries.

Participation in workshops

1. Introduction to Neurofeedback, Ahvaz, 2016.
2. Kinesiotaping in pediatric rehabilitation, Ahvaz, 2015.
3. Organization of MOHO based intervention in occupational therapy, Tehran, 2012.
4. Cognitive Orientation to daily Occupational Performance, Tehran, 2011
5. Sensory Processing, Tehran, 2011
6. Evaluation of gait in children with cerebral palsy, Tehran, 2008
7. Frontiers of vocational rehabilitation, Tehran, 2007.
8. Introduction to conductive education, Tehran, 2005.
9. Adeli suit therapy approach, Yaroslavl Russia, 2005.
10. Introduction to Bobath approach for children with cerebral palsy, Tehran, 2004.
11. Disability diagnosis and early intervention in children, Tehran, 2002.

Executive and vocational history

1. Owner of Private clinic of occupational therapy in Ahvaz, 2021 to now
2. Vice chancellor of cultural and student affairs in school of rehabilitation sciences, Ahvaz Jundishapur University of Medical Sciences, 2018 Dec to 2021.
3. Head of Occupational Therapy department in Ahvaz Jundishapur University of Medical Sciences, 2015 Dec to Dec 2018.
4. Staff member of Occupational Therapy department in Ahvaz Jundishapur University of Medical Sciences, 2008 to now.

- Teaching the occupational therapy credits for BSc students including: Activities of daily living, Orthosis and prosthesis, Movement therapy techniques, Range of motion and Muscle testing, Consultation in occupational therapy, occupational therapy in physical dysfunction 3, kinesiology of lower limb.
5. Part time occupational therapist in Salam Rehabilitation Center in Tehran, 2011-2015.
 6. Administrator of student research committee in school of rehabilitation sciences AJUMS, 2010-2011
 7. Occupational therapist in Vali-Asr Rehabilitation Institute Tehran, 2000-2008.
 8. Occupational therapist in Exceptional education organization of Kerman, 1998-2000.
 9. Owner of Private clinic of occupational therapy in Kerman, 1998-2000.
 10. Part time occupational therapist in Day care center for mentally disabled children in Kerman, 1997-1999.

Refereed Journal Publications

1. Khayatzadeh-Mahani M, Riyahi S, Amiri E, Angali KA. Effects of Bathing Skills Training on Independence and Satisfaction of Older Adults Living in a Nursing Home: A Randomized Controlled Trial. Med J Islam Repub Iran. 2023, 37(2):103.

2. Mohammad Khayatzadeh-Mahani, Afsoon Hassani Mehraban, Mohammad Kamali, Soroor Parvizy, Hamid Haghani, Malek Amini. Development and validation of occupation based practice measure (OBPM). *Canadian Journal of Occupational Therapy*. 2022, (89(3): 283-93.
3. Mohammad Khayatzadeh-Mahani, Mohadese Salehi, Meimanat Akbari, Ali Reza Jamali, Maryam Moradi. Identification of the predictive value of demographic factors on users' satisfaction with lower-limb orthoses and services in Ahvaz: A regression analysis. *Journal of Rehabilitation Sciences & Research*. 2022, 9(2): 65-71.
4. Marzieh Amiri, Dorsa Hamed, Negin Moradi, Fatemeh Taheri, Meimanat Akbari, Arash Bayat, Mohammad Khayatzadeh-Mahani, Mojtaba Tavakoli, Seifolah Jahantabi-Nejad, Nasibeh Noori Mombeyni, Maryam Delphi, Batool Mandani, Sheyda Javadipour. Evaluation and Comparison of the Effectiveness of an Online Grand Round between Audiology and Occupational Therapy Students of Ahvaz Jundishapur University of Medical Sciences during the COVID-19 Pandemic. *Future of Medical Education Journal*. 2021, 11(2)
5. Mohadese Salehi, Mohammad Khayatzadeh-Mahani, Meimanat Akbari, Maryam Moradi, Asie Akmal. Evaluation of users' satisfaction with lower limb orthotic devices and services in Ahvaz. *Jundishapur Scientific Medical Journal*. 2021, 20(1): 53-63.
6. Fatemeh Saber-Jahromi, Mohammad Khayatzadeh-Mahani, Roya Ghasemzadeh, Shadab Shahali. Exploring the Experiences of Parents of Children with Cerebral Palsy about Therapists' Rehabilitation Services in Ahvaz, Iran: A Qualitative Study. *Research in Rehabilitation Sciences*. 2020, 16(1): 126-34.

7. Narjes Yarmohammadi, Mehdi Rassafiani, Ghodsie Joveini, Hamid Reza Rostami, Mohammad Khayatzadeh Mahani, Fatmeh Behnia, Robab Sahaf, Farzaneh Yazdani. Validation of Persian Caregivers' Report of Quality of Life questionnaire for adolescents with cerebral palsy. International Journal of Therapy and Rehabilitation. 2018, 25(5): 234-39.
8. Rezai Hossein, Shaterzadeh-Yazdi Mohammad Jafar, Moradi* Negin, Ravanbakhsh Majid, Nassaj Gholam Hossein, Goharpey Shahin, Esfandiarpour Fatemeh, Bayat Arash, Khayatzadeh-Mahani Mohammad, Tavakoli Mojtaba, Hamedi Dorsa, Javadipour Sheyda, Akbari Meymanat, Negahban Hossein, Mosadeghrad Ali Mohammad, Haghighizadeh Mohammad Hosein, Tahamtan Mahdi, Kargar Mojtaba, Ghasempour Younes. The Effect of Developing and Administering a Strategic Plan on Perceived Educational Quality by Students in Ahvaz School of Rehabilitation Sceinces.. Educational Development of Judishapur. 2018, 9(4): 283-95
9. Khameneh S, Khayatzadeh Mahani M, Bayat A, saki N, Jahantabi Nejad S. Functional performance in profound hearing-impaired and normal-hearing children: a cross-sectional study. International Journal of Green Pharmacy. 2017, 11(4):s1-s4.
10. Sheikhesmaeili M, Khayatzadeh Mahani M, Shahali S. Sexual health issues and disability in veterans with spinal cord injury: an Iranian qualitative study. International Journal of Advanced Biotechnology and Research. 2016, 7(4): 2148-54
11. Hasani Mehraban A, Amini m, Haghani H, Asgharnezhad A, Khayatzadeh Mahani M. Development and validation of Iranian children's participation assessment scale. Medical Journal of the Islamic Republic of Iran. 2016; 30:333.

12. Khayatzadeh Mahani M, Hassani Mehraban A, Kamali M, Parvizy S. Facilitators of implementing occupation based practice among Iranian occupational therapists: a qualitative study. *Medical Journal of the Islamic Republic of Iran*. 2015; 29:307.
13. Khayatzadeh Mahani M, Hassani Mehraban A, Kamali M, Parvizy S. Declination from occupation based practice: Experience of Iranian occupational therapists. *Quarterly Journal of Rehabilitation*. 2015; 16(2):156-67.
14. Rostami HR, Khayatzadeh Mahany M, Yarmohammadi N. Feasibility of the modified constraint-induced movement therapy in patients with median and ulnar nerve injuries: a single-subject ABA design. *Clinical Rehabilitation*. 2015; 29(3):277-84.
15. Babaei M, Hosseini SA, Rigi-Khas B, Khayatzadeh-Mahani M. Effect of Training the Correct Methods of Child's Carrying and Positioning on Quality of Life of Mothers of Children with Cerebral Palsy. *Jentashapir Journal of Health Research*. 2014; 5(5):1-5.
16. Mahani MK, Rostami HR, Nejad SJ. Investigation of quality of life determinants among mothers of children with pervasive developmental disorders in Iran. *Hong Kong Journal of Occupational Therapy*. 2013; 23(1):14-9.
17. Khayatzadeh MM, Rostami HR, Amirsalari S, Karimloo M. Investigation of quality of life in mothers of children with cerebral palsy in Iran: association with socio-economic status, marital satisfaction and fatigue. *Disability and rehabilitation*. 2013; 35(10):803-8.
18. Rostami HR, Arastoo AA, Nejad SJ, Mahany MK, Malamiri RA, Goharpey S. Effects of modified constraint-induced movement therapy in virtual environment on upper-limb function in children with spastic hemiparetic cerebral palsy: a randomised controlled trial. *NeuroRehabilitation*. 2012; 31(4):357-65.

19. Rostami HR, Arastoo AA, Jahantabi NS, Khayatzadeh MM, Azizi MR. Comparison between Virtual Reality and Constraint-Induced Movement Therapy on Upper Limb Function in Children with Hemiparetic Cerebral Palsy. 2012.
20. Khayatzadeh Mahany M, Goharpei S, Rostami H, Jahantabinezhad S. Comparative Study of Quality of Life in Stroke Patients in Ahwaz. *Zahedan J Res Med Sci.* 2012; 14(2):86-90.
21. Jahantabi Nejad S, Rostami HR, Khayatzadeh Mahani M, Karimi H, Rahbar S. Determining optimal clinical measurement tools for early detection of people at risk of falling. *Jundishapur Scientific Medical Journal.* 2012; 10(6).
22. Reza RH, Azizi Mal Amiri R, Khayatzadeh Mahani M, Sheida J, Sahar G. The effects of treatment environment on results of constraint-induced movement therapy in children with hemiplegic cerebral palsy. *Daneshvar Medicine.* 2011; 18(91):61-70.
23. Mahani MK, Karimloo M, Amirsalari S. Effects of modified adeli suit therapy on improvement of gross motor function in children with cerebral palsy. *Hong Kong Journal of Occupational Therapy.* 2011; 21(1):9-14.
24. Khayatzadeh Mahani M, Mardani Shahrabak B-A, Gholamian HR, Rahgozar M, Soroory MH, Fadaie F. Visual Perceptual Skills in Normal Children Aged 7 to 13 Years in Tehran City. *Journal of Rehabilitation.* 2011; 11(4):8-14.
25. Khayatzadeh Mahani M, Amirsalari S, Karimloo M. Accompanying Problems in Children with Cerebral Palsy and their Relationship to type and Level of Motor Disability. *Jundishapur Scientific Medical Journal.* 2011; 10(1):59-67.
26. Khayatzadeh Mahany M, Amirsalari S, Karimloo M. Comparison of effect of Adeli suit and Bobath approaches on Gross motor function of children with cerebral palsy. *Journal of Rehabilitation.* 2010; 11(2):36-41.

27. Khayatzadeh Mahany M. A comparative Study about quality of life in Mothers of children with cerebral palsy, mental retardation and mothers of normal children. *Daneshvar Medicine*. 2009; 16(83):1-11.

Other Publications: Book translation

1. Occupational therapy with children, Mohseni book publication, 2021.
2. Teaching the motor skills to children with cerebral palsy and similar motor disorders, Danjeh Publication, 2011.

Conference Presentations : Oral, panel, and posters

1. **Khayatzadeh Mahani M**, Amini M, Khavari G, Vafaie H, Babaie A. (Panel), Gait Analysis in children with cerebral palsy, 23rd occupational therapy congress, Tehran, 2018.
2. **Khayatzadeh Mahani M**, Hassani Mehraban A, Kamali M, Parvizy S.(Oral presentation), Identification of educational challenges of implementing occupation based practice in Iran, 21th occupational therapy congress, Tehran, 2016.
3. **Khayatzadeh Mahani M**, Hamed D, Akbari M, Noori Mombeini N, Javadi S. (Panel) New approaches in clinical educational evaluation in occupational therapy, 21th occupational therapy congress, Tehran, 2016.
4. Akbari M, Noori Mombeini N, Javadi S, Hamed D, **Khayatzadeh Mahani M** .(Poster) Study of gross and fine motor status of students of

special education schools in Ahvaz, 1st congress in clinical movement sciences, Ahvaz, 2016.

5. Khalafbeigi M, **Khayatzadeh Mahani M**, Mandani B, Daftari T, Saeedi M.(Panel) Activity Analysis. 21th occupational therapy congress, Tehran, 2016.
6. **Khayatzadeh Mahani M**, Hassani Mehraban A, Akbar Fahimi M, Mandani B, Javadi S. (Panel), Activities of daily living: barriers and facilitators of implementing these activities, 20th occupational therapy congress, Tehran, 2015.
7. **Khayatzadeh Mahani M**, Shiani A , Seyfpanahi S (Panel), Occupational therapy in swallowing disorders, 13th speech therapy seminar, Tehran, 2015.
8. **Khayatzadeh Mahani M**, Hassani Mehraban A, Kamali M, Parvizy S.(Oral presentation), Different styles of occupational therapy services, 19th occupational therapy congress, Tehran, 2014.
9. **Khayatzadeh Mahani M**, Hassani Mehraban A, Nazi S, Shafaroodi N. (Panel), Study of Occupation concept in occupational therapy, 19th occupational therapy congress, Tehran, 2014.
10. **Khayatzadeh Mahani M**, Rostami HR, Davatgaran H, Ershadi H. (Panel), New approaches to pediatric rehabilitation of children with cerebral palsy, 19th occupational therapy congress, Tehran, 2014.

11. **Khayatzadeh Mahani M.** (Oral presentation), Systematic review about effectiveness of action observation on improvement of upper extremity function in people with stroke, 18th occupational therapy congress, Tehran, 2013.
12. **Khayatzadeh Mahani M,** Hassani Mehraban A, Shafaroodi N, Hosseini SA, Rassafiani M.(Panel), Occupation based practice: barriers and facilitators of its implementation, 18th occupational therapy congress, Tehran, 2013.
13. **Khayatzadeh Mahani M,** MehrdaN. (Oral presentation), Evidence based occupational therapy: Why and How, 17th occupational therapy congress, Tehran, 2012.
14. **Khayatzadeh Mahani M.** (Oral presentation), Comparative study about quality of live in mothers of children with cerebral palsy, intellectual disability and normal children, 16th occupational therapy congress, Tehran, 2011.
15. Masoud Babaei , Seyed Abbas Hosseini , Baqer Rigi-Khas , **Mohammad Khayatzadeh Mahani.**(Poster) Training the right positions of mothers and children during the daily activities, 16th occupational therapy congress, Tehran, 2011.
16. **Khayatzadeh Mahani M ,** Goharpey S, Rostami HR, Jahantabinejad S. (Oral presentation), Study of quality of life in people with stroke in Ahvaz, 15th occupational therapy congress, Tehran, 2010.

17. **Khayatzadeh Mahani M.** (Oral presentation), Adeli suit approach in treatment of children with cerebral palsy, 3rd seminar of Iranian pediatric neurologists, Tehran, 2006.
18. **Khayatzadeh Mahani M** , Mardani B, Gholamian H, Rahgozar M, Soroory M, Fadaie F. (Oral presentation), Investigation of visual perceptual skills in children aged 7 to 13 years using TVPS-R in Tehran, 10th occupational therapy congress, Tehran, 2004.
19. **Khayatzadeh Mahani M.** (Oral presentation), Bobath new concept in children with cerebral palsy, 5th scientific seminar of occupational therapy students, Tehran, 2004.
20. **Khayatzadeh Mahani M**, Mardani B, Gholamian H (Poster), Investigation of visual perceptual skills in children aged 7 to 9 years using TVPS-R in Tehran, 7th speech therapy seminar, Tehran, 2003.

Conducting the Educational Workshops and Webinars

1. Biofeedback training in children with cerebral palsy. 2023. **Webinar**
2. Application of Space suit Therapy and Spider cage in children with cerebral palsy, Tehran, 2023. **Workshop**
3. Application of Space suit Therapy in children with cerebral palsy, Tehran, 2022. **Workshop**
4. Occupational therapy in spasticity management, Ahvaz 2021. **Webinar**

5. Occupational therapy in older adults, Ahvaz 2021. **Webinar**
6. Assistive technologies in children with cerebral palsy, Ahvaz. 2021.
Webinar.
7. Orthotic management in children with cerebral palsy, Ahvaz. 2021.
Webinar.
8. Clinical reasoning in occupational therapy, Ahvaz. 2021. **Webinar.**
9. Application of Space suit Therapy and Spider cage in children with cerebral palsy, Tehran, 2021. **Webinar**
10. Application of Space suit Therapy and Spider cage in children with cerebral palsy, Tehran, 2020. **Webinar**
11. Rehabilitation during COVID-19. 2020. Ahvaz. **Webinar.**
12. Application of Space suit Therapy in children with cerebral palsy, Tehran, 2019. **Workshop**
13. Management of gait abnormalities in children with cerebral palsy, Ahvaz, 2018. **workshop**
14. Management of gait abnormalities in children with cerebral palsy, Tabriz, 2018. **workshop**
15. New Bobath concept, application in children with cerebral palsy, Qazvin, 2017. **workshop**
16. Rehabilitation of gait abnormalities in children with cerebral palsy, Tehran, 2017. **workshop**

17. New Bobath concept, application in children with cerebral palsy, Tehran, 2017. **workshop**
18. New Bobath concept, theory and application, Mashad, 2017. **workshop**
19. Review of therapeutic approaches in children with cerebral palsy, Tehran, 2017. **workshop**
20. Top down therapeutic approaches in children with cerebral palsy, Ahvaz, 2016. **workshop**
21. Application of Kinesio Taping in children with cerebral palsy, Ahvaz, 2016. **workshop**
22. Evaluation and goal setting in rehabilitation of children with cerebral palsy, Ahvaz, 2015. **workshop**
23. New therapeutic approaches of occupational therapy in children with cerebral palsy, Shiraz, 2015. **workshop**
24. Review of rehabilitative approaches in motor disorders of children with cerebral palsy, Qazvin, 2014. **workshop**
25. Sensory integration and perceptual motor training, Semnan, 2014.
26. Goal setting and planning in rehabilitation of children with cerebral palsy, Mashad, 2014. **workshop**
27. Critical review of evaluation and intervention techniques in children with cerebral palsy, Mashad, 2013. **workshop**
28. Review of new therapeutic approaches in rehabilitation of children with cerebral palsy, Tehran, 2011. **workshop**

Supervisory and advising experiences: Dissertations

1. Supervisor of MsC dissertation in rehabilitation management in AJUMS entitled “Investigating the relationship between the responsiveness status of rehabilitation centers with demographic factors and personality characteristics of their clients in Ahvaz”, 2023.
2. Supervisor of MsC dissertation in rehabilitation management in AJUMS entitled “Investigating the Relationship between Psychological Capital and Perceived Organizational Support with Job Stress of Rehabilitation Centers Employees in Ahvaz City”, 2023.
3. Supervisor of MsC dissertation in rehabilitation management in AJUMS entitled “Investigation of the factors influencing on quality of life in community dwelling older adults in Ahvaz: A regression analysis" 2022.
4. Supervisor of MsC dissertation in rehabilitation management in AJUMS entitled “Identification the parents' experience who referred to pediatric occupational therapy clinics about service discontinuation in Ahvaz", 2019.
5. Supervisor of MsC dissertation in rehabilitation management in AJUMS entitled “The Investigation of the factors affecting on customer's satisfaction of lower limb orthosis in technical orthopedic center in Ahwaz”, 2018.
6. Supervisor of MsC dissertation in rehabilitation management in AJUMS entitled “Identification of perception and experience of caregivers of children with cerebral palsy about rehabilitation services”, 2018.
7. Supervisor of MsC dissertation in rehabilitation management in AJUMS entitled “The effect of modifying the practical methods of activities of daily living on independence and satisfaction of elderly people in Karaj Kahrizak charity center” , 2016.

8. Supervisor of MsC dissertation in rehabilitation management in AJUMS entitled “The experience of care perception among veterans with Spinal Cord Injury in Ahvaz”, 2016.
9. Supervisor of MsC dissertation in rehabilitation management in AJUMS entitled “investigation of participation rate in deaf children with cochlear implant in Ahvaz, 2016.
10. Supervisor of BsC dissertation in Occupational Therapy in AJUMS entitled “Teaching the motor skills to children with cerebral palsy and similar disorders” 2010.
11. Advisor of MsC dissertation in Occupational Therapy in Iran University of Medical Sciences(IUMS) entitled “ investigation of effectiveness of balance exercises using sensory reweighting on postural control of people with Parkinson”, 2014.
12. Advisor of MsC dissertation in Occupational Therapy in Shahid Beheshti University of Medical Sciences(SBUMS) entitled “ Effect of massage using camel oil on muscle tone, passive range of motion, and gross motor function in children with spastic diplegia cerebral palsy”, 2013.
13. Advisor of MsC dissertation in Occupational Therapy in Shahid Beheshti University of Medical Sciences(SBUMS) entitled “ study of estimation of occupational therapists of future function in children with cerebral palsy using the results of Manual Ability Classification System(MACS) and Gross Motor Function Classification System(GMFCS)”, 2013.
14. Advisor of MsC dissertation in Occupational Therapy in Tehran University of Medical Sciences(TUMS) entitled “ Effects of static Cockup C bar splint on hand function of children with spastic diplegia cerebral palsy aged 8 to 12 years”, 2012.

Reviewer at scientific journal

1. Journal of Rehabilitation
2. Journal of Rehabilitation Sciences & Research
3. Disability and Rehabilitation
4. Physiotherapy Theory and Practice
5. Journal of Autism and Developmental Disorders
6. Medical Journal of Islamic Republic of Iran

Research interests

1. Pediatric Occupational Therapy
2. Biofeedback
3. Neurorehabilitation
4. Occupation Based Practice and Human Occupations
5. Qualitative Research Methodology
6. Occupational Therapy Evidence Based Practice

Honors and Awards /Appreciation

1. Outstanding BSc student award, Shahid Beheshti University of Medical Sciences, 1997.
2. The first rank in PhD exam in Occupational Therapy, Ministry of Health and Education, 2011.
3. Outstanding academic Award, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran, 2012.

4. Outstanding PhD student award, Iran University of Medical Sciences, 2015.
5. Member of Scientific committee in Iranian Occupational Therapy congress from 2011 to 2016.
6. Member of Medical council of Islamic Republic of Iran, 1998 to now.
7. Member of Iranian Occupational Therapy Curriculum Revision, 2016 to now.
8. World Federation of Occupational Therapy accreditation member in Iran, 2016 to now
9. Scientific secretary of 23rd Iranian Occupational Therapy Congress, 2018