

Maryam Farzad

Assistant Professor

Department of Occupational Therapy, The University of Social Welfare and Rehabilitation Sciences, Kodakyar St, Daneshjo Blvd, Evin, Tehran, Iran,

Tel: (98) 2122180037

Fax: (98) 2122180063

Email: maryam_frzd@yahoo.com/ ma.farzad@uswr.ac.ir

Education

- 2015
PhD Occupational Therapy, University of Social Welfare and Rehabilitation Sciences
- 2002
Master of Occupational Therapy, University of Tehran Medical Sciences
- 1998
B.Sc. of occupational therapy, University of Tehran Medical Sciences

Honors and Awards /Appreciations

- 2017
Fellowship in Research and Methodology, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran
- 2016
Kharazmi international award on Design, Build and Control of Assistive Rehabilitation 9 DoFs Arm Exoskeleton Robot Based on EMG system, University of Tehran

Selected Conference (peer reviewed)

International Seminars

- 2017
Farzad M, Layeghi F, Mahmodi R, Oral presentation, The effect of rehabilitation on sensation, function and pain of patients with carpal tunnel release, 11th APFSSH and 7th Asia Pacific Federation of Societies of Hand Therapy, Cebu City, Philippines
- 2017
Farzad M, Layeghi F, Shafiee E, Poster presentation, The use of orficast instead of PoP in cylindrical casting pf contracture of the PIP, 11th APFSSH and 7th Asia Pacific Federation of Societies of Hand Therapy, Cebu City, Philippines
- 2017
Farzad M, Layeghi F, Dianat A, Ahrari A, Risk factors to develop complex regional pain syndrome type I in Patients with Fracture of the Distal Radius, XXII FESSH congress and XII EFSHT congress Budapest, Hungary
- 2017
Farzad M, Layeghi F, Asgari A, Evaluation of Non Diseased Specified Outcome Measures In Hand Injuries to Assess Activity and Participation Based on ICF content Poster, XXII FESSH congress and XII EFSHT congress Budapest, Hungary

- 2014
Farzad M, Layeghi F , A prospective randomized controlled trial of controlled passive mobilization vs. place and active hold exercises after zone 2 flexor tendon repair, 2nd October 2014, 10th Congress of Asian Pacific Federation of Societies for Surgery of the Hand.
- 2013
Farzad M, Layeghi F, Three different rehabilitation methods after flexor tendon repair in zone 2, 2013, India, FESSH / EFSHT meeting
- 2008
Farzad M, Layeghi F, Short arc motion after flexor tendon repairs in zone 2, 2008, Swiss, FESSH / EFSHT meeting,
- 2008
Farzad M, Layeghi F, Short arc motion after flexor tendon repairs in zone 2, 2008 , Swiss, FESSH / EFSHT meeting,
- 2005
Farzad M, Layeghi F, Early Active Mobilization of Primary Repairs of The Flexor Tendons, June 15-18, 2005, Goteborg, Sweden Xth, Congress of the FESSH
- 2005
Farzad M, Layeghi F, Post Traumatic Thumb Reconstruction by Composite Radial Forearm Island Flap, June 15-18, 2005, Goteborg, Sweden Xth, Congress of the FESSH
- 2004
Farzad M, Layeghi F, Comparison of Early Active and Controlled Passive Motion Methods After Cross Stitch Tendon Repair In Zone 2, June 13-17, 2004, Budapest, Hungary 9th Congress of the IFSSH
- 2004
Farzad M, Layeghi F, Comparison of Early Active and Controlled Passive Motion Methods After Cross Stitch Tendon Repair In Zone 2, June 13-17, 2004, Budapest, Hungary 9th Congress of the IFSSH

Regional

- 2017
Farzad M, Layeghi F, Dianat A, Ahrari N, Risk factors to develop complex regional pain syndrome type I in Patients with Fracture of the Distal Radius, Iranian hand surgery congress
- 2016
Adimi s , **Farzad M**, The effects of 12 Aerobic exercises with Correctional Practices on Lumbar Lordosis angle in patients with Thoracic Outlet Syndrome, Iranian Occupational Therapy Congress
- 2016
Layeghi F, **Farzad M**, Hosseini A, Biglarian A, The effect of Brachial Plexus Gliding on pain and upper extremity function in Thoracic Outlet Syndrome patient with cervical Rib, Iranian Occupational Therapy Congress
- 2012
Ethics in Occupational Therapy, Tehran, Iran
- 2012
Complications after flexor tendon surgery in zone 2(serial casting), POTA congress, Tehran, Iran
- 2010
Poster presentation of Volkmann ischemia, 15th occupational therapy congress

Selected Conference and Workshop Presentations (invited)

International

- 2018
Splint workshop, three days, Arab health Exhibition and congress, Dubai
- 2017
Static splint workshop, 1 day workshop, 7th Asia Pacific Federation of Societies of Hand Therapy and 11th Asia Pacific Federation of Societies for Surgery of the Hand
- 2016
Splint workshop, three days, Arab health Exhibition and congress, Dubai

Regional

2018

Rehabilitation in osteoarthritis patients, Iranian Surgery congress, Tehran, Iran.

- 2018
Orficast MORE splint workshop for hand surgeons, Tehran, Iran,
- 2017

Rehabilitation after nerve injuries? 25th International orthopedic congress, Tehran/Iran

- 2017
Static splint Theories and fabrication, 1 day workshop, Rasht, Gilan, Iran
- 2016
Static splint Theories and fabrication, 1 day workshop, Iranian Occupational Therapy Congress
- 2016
CPM Workshop, 1 day workshop, Iranian Occupational Therapy Congress
- 2015
Static splint Fabrication, USWR, 1 day workshop
- 2015
CPM workshop, USWR, 1 day workshop
- 2014
Thumb Arthritis, How to choose splint? 3th hand surgery symposium Tehran, Noor Afshar hospital, Iran
- 2013
Rheumatoid hand symposium, Rehabilitation in Rheumatoid hand, 3th hand surgery symposium Tehran, Noor Afshar hospital, Iran
- 2013
Hand therapy, 36th Iranian association of surgery/hand surgery / Tehran, Iran
- 2012
Rehabilitation after thumb reconstruction, 2th hand surgery symposium, Tehran, Iran
- 2012
Rehabilitation after cold injuries, 35th Iranian association of surgery/hand surgery / Tehran, Iran
- 2012
What is hand rehabilitation? , Plastic surgery congress, Tehran, Iran, invited lecturer
- 2011
Splint therapy after Radial Nerve injuries due to fractures, reeducation orthopedic congress, Imam Khomeini hospital.

- 2011
Rehabilitation in Intrinsic muscle of the hand, 1th symposium hand, Tehran, Iran
- 2010
Evaluation of outcomes in spaghetti wrist with DASH, 15th occupational therapy congress.
- 2010
Management of mangled hand, 18th orthopedic congress, Tehran, Iran
- 2010
Congenital hand management, 34th Iranian Association of Surgery/hand surgery / Tehran, Iran
- 2009
Rehabilitation Brachial Plexus injuries, 17th Orthopedic congress, Tehran, Iran
- 2009
Thoracic Outlet Syndrome, 1 th surgery and rehabilitation of hand congress, Tehran/Iran
- 2009
Management after soft tissue coverage of hand, 33th Iranian association of surgery/hand surgery / Tehran, Iran
- 2009
Flexor tendon rehabilitation, 33th Iranian Association of Surgery/hand surgery / Tehran, Iran
- 2008
New concepts in rehabilitation of zone 2, Iranian new concepts in rehabilitation congress.
- 2008
Spaghetti wrist, 13th Occupational Therapy congress / Tehran, Iran
- 2008
Rehabilitation in OBPI, 32 th Iranian Association of Surgery/hand surgery / Tehran, Iran
- 2007
What is new in obstetric Brachial Plexus therapy? 31th Iranian association of surgery/hand surgery / Tehran, Iran
- 2006
Rehabilitation methods in Spaghetti Wrist, panel moderator, Occupational Therapy congress, /Tehran. Iran

Peer-Reviewed Publications (n= 25; H-index=6)

1. 2018

Kamalian S, Haghgoo H, **Farzad M**, Investigation of the Validity and Reliability of Balance Evaluation System Test (BES test) in assessment of balance disorder in people with Multiple Sclerosis.

2. **2017**

Farzad M, Arazpour M, Shafiee E, Design and construction of the static progressive flexion orthosis, Journal of Hand Therapy, in press. 2017

3. 2017

Farzad M, et al: Are the domains considered by ICF comprehensive enough to conceptualize participation in the patient with hand injuries, In press, 2017.

4. 2017

Farzad M, et al: Using the Reach Model to Develop a Measure of Participation Capturing the Full Range

of Participation Characteristics for the patient with Hand Injuries. Journal of Hand and Microsurgery, Aug ; 9(2):84-91. Doi:10.1055/s-0037-1604060. Epub 2017 Jul 3 ,2017.

5. 2015

Farzad M, Asgari A, Layeghi F, Yazdani F, Hosseini AH, Rassafiani M, Kus S: Exploring the Relation Between Impairment Rating by AMA Guide and Activity and Participation Based on ICF in the Patients with Hand Injuries. Journal of Hand Microsurgery Published online 2015 Aug 12. doi: 10.1007/s12593-015-0197-z. Dec; 7(2): 261-267, 2015.

6. 2015

Farzad M, Asgari A, Dashab F, Fereydoun L, Masoud K, Seyed AH: Does Disability Correlate With Impairment After Hand Injury? Clinical Orthopaedics and Related Research. Nov; 473(11): 3470-3476, 2015.

7. 2014

Farzad M, Layeghi F, Asgari A, Hosseini SA, Rassafiani M: Evaluation of Non Diseased Specified Outcome Measures in Hand Injuries to Assess Activity and Participation Based on ICF Content. Published online 2013 Dec 25. DOI: 10.1007/s12593-013-0109-z. Journal of Hand Microsurgery. Jun; 6(1): 27-34, 2014.

8. 2014

Farzad M, Layeghi F, Asgari A, Ring DC, Karimlou M, Hosseini SA: A prospective randomized controlled trial of controlled passive mobilization vs. Place and active hold exercises after zone 2 flexor tendon repair. Hand Surgery 19 (01), 53-59, 2014.

9. 2014

Farzad M, Layeghi F, Asgari A: Passive Mobilisierung vs. aktive Beugeübungen nach dem Place-and-active-hold-Konzept, Journal Handchirurgie Scan. Volume 3 Issue 03 Pages 203-204, 2014.

10. 2013

Layeghi F, **Farzad M**, Zanghaei A: Comparison of Early Active Tension and Immobilization Protocols in Rehabilitation of the Hand, Following Zone 5-6 Extensor Tendon Repair. Journal of Rehabilitation, Volume 14, Number 2. July, 2013.

11. 2013

Hosseini SA, Akbar-Fahimi N, Gharib M, **Farzad M**: Therapist and Client Awareness of Clients Rights. Archives of Rehabilitation 13 (4), 28-36, 2013.

13. 2012

Layeghi F, : Comparison of Early Active and Passive Post-operative Mobilization of Flexor Tendon in Zone 2, Vol 10. Editorial Board. October, 2012 Comparison of post operative early active and passive mobilization of flexor tendon in zone 2. Iranian Rehabilitation Journal 10 (2), 37-42, 2012.

14. 2011

Farzad M: Volkmann ischemia: case report, IRIJ, 2011

15. 2010

Akbar F, Hosseini S, **Farzad M**, Haghgoo H. Development of Postural Control In Cerebral Palsy Children. Iranian Rehabilitation Journal 8 (12), 2010.

16. 2010
Layeghi F, , Hosseini SA: Multidisciplinary approach in TOS,. Iranian Rehabilitation Journal 8 (2), 40-42 J hand surgery / vol 34 e 2010.
17. 2009
Farzad M : False /positive rate of TOS maneuver, European Journal of Hand Surgery vol 33 e/2009
18. 2009
Farzad M: Reverse island flap in fingertip reconstruction, Journal of Hand Surgery, vol 34 e / 2009
19. 2008
Farzad M : Use of plaster cylindrical casting in PIP contractures / European journal of hand surgery vol 33 e/2008
20. 2008
Layeghi F, **Farzad M**: Assessment of Time of Surgery and Rehabilitation After Flexor Tendon Repair: / J hand surgery, Vol 33 e / 2008
21. 2005
Farzad M, Cruciate 4-strands core suture and rehabilitation, J hand surgery / VOL 30 e / 2005
22. 2006
Layeghi F, **Farzad M**: Spaghetti Wrist: Management and Outcomes, Journal of Rehabilitation, 2006 Vol.6, No.4, Serial No. 23.
23. 2005
Layeghi F, **Farzad M**: Assessment of time of surgery and Rehabilitation on outcomes of Flexor Tendon Repair, IranianJ urnal of Rehabilitation, Vol.6, No.3,2005.
24. 2004
Layeghi F, **Farzad M**: The Use of Plaster Cylinder Casting for Contracture of the Interphalangeal Joints. Journal of Rehabilitation, Vol.5, Serial No. 16, 17. 2004
25. 2003
Layeghi F, **Farzad MS**: Comparison of post-operative "early active and controlled passive mobilization" of flexor tendon in zone 2. Journal of Rehabilitation Vol.4, Serial No. 14, 15. 2003.

Membership

- Rehabilitation secretary of ISSH
- Iranian Medical Association, Member
- Orfit industries trainer
- Iranian Society for Surgery of the Hand, Member
- Iranian society of occupational therapy, Member

Other Publications/Book

1. 2017
Splinting in Rheumatoid Arthritis hand, author, University of social welfare and rehabilitation sciences, Tehran, Iran
2. 2017
Splinting in patients with Peripheral Nerve injuries, author, University of social welfare and rehabilitation sciences, Tehran, Iran
3. 2016
Rehabilitation of the hand and upper extremity, 2016, author, Tehran Iran
4. 2012
Clinical evaluation of the hand and upper extremity, 2012, author, Tehran Iran

Selected Workshops Attended

- 1998
One day Cranio Sacral Therapy workshop USWR, Tehran/Iran
- 2003
One week Hand rehabilitation workshop. USWR, Tehran/Iran
- 2003
Massage Therapy workshop. Iranian Sport Association.
- 2003
Qualitative Research methods, 3 days, USWR, Tehran/Iran
- 2005
Research methods, 1 days, USWR, Tehran/Iran
- 2005
Brachial Palsy, 1 days, USWR, Tehran/Iran
- 2007
Science Direct, 1 day, USWR, Tehran/Iran
- 2007
Using of Biofeedback and Nero feedback /Tehran/Iran
- 2008
Teaching methods 1 days, USWR, Tehran/Iran
- 2008
Clinical research, 3 days, USWR, Tehran/Iran
- 2008
Sensory integration, 1 days, USWR, Tehran/Iran
- 2009
Descriptive Statistics, 1 days, USWR, Tehran/Iran
- 2009
Splint making with orfit, 2days Orfit company
- 2010
Evidence based practice in occupational therapy, 3 days, USWR, Tehran/Iran
- 2013

Develop outcome measure, 2 days, USWR, Tehran/Iran

- 2016
Splint Fabrication, Static and Dynamic, 3 days Orfit company

- 2017
Splint Fabrication With Orficastmore, 1 day workshop, XXII FESSH congress and XII EFSHT congress Budapest, Hungary

Supervisory Experience

- 2003 -2017
Supervision of 26 bachelor and master thesis in USWR, Tehran/Iran
- 2003- 17
Rehabilitation Students for 130 hrs/year, Supervision in clinic/ USWR
- 2003 -2017
Supervision of master and bachelor rehabilitation students
- 2009
First surgery and rehabilitation congress director, Tehran, Iran
- 2002-2017
Director of Iran Hand Rehabilitation Center / University of Welfare & Rehabilitation Sciences / Tehran / Iran

Employment History & Teaching Experience

- Now
Assistant Professor, Department of Occupational Therapy, The University of Welfare & Rehabilitation Sciences / Tehran / Iran
- 2005-Now
Director of Iran Hand Rehabilitation Center
- 2001-2015
Lecturer of hand surgery and orthopedic in University of Welfare and Social Sciences, 3 hours / week /
- 2004-2012
Lecturer Kinesiology, USWR
- 2005-2012
Lecturer of Manual Muscle Testing, USWR

- 2006-2008
Upper extremity orthotic and prosthesis, USWR
- 2000-2012
Lecturer of splint, USWR
- 2000-2012
Supervision of students in hand rehabilitation in Iran hand rehabilitation center.