

Curriculum Vita

Personal Background



Mohammad Mohsen Roostayi – PhD, MSc, BSc (PT)

Place of birth: Tehran, I.R.of Iran Nationality : Iranian

Marital status: Married Gender: Male

Cell phone: 09121597349

E-mail: roosta@sbm.ac.ir OR mohsen42@yahoo.com

Work Address: Dept .of physiotherapy, School of Rehabilitation
Shaheed Beheshti University of Medical Sciences, Tehran, Iran
Damavand Ave, Shaheed Bakhshifard St.
Opposite to Booali Hospital,
Post code: 1616913111 & Fax: 0098.21.77591807
Tel: 0098.21.77542057
E-mail: btavanbakhshi@yahoo.com

Educational and Professional Background

- 2008 –Present** PT PhD, Assistant professor, Shaheed Beheshti University of Medical Sciences, Rehabilitation Faculty, Tehran, I.R.of Iran
- 1993 – 1994** Academic Member of Zahedan University of Medical Sciences, Zahedan, I.R.of Iran
- 2003 – 2008** PhD student, Tehran University of Medical Sciences, Rehabilitation Faculty, Tehran , I.R.of Iran
- 1989 – 1993** M.Sc in Physical therapy, Tarbiat Modarres University, Tehran , I.R.of Iran
- 1984 – 1988** B.Sc in Physical therapy, Tehran University of Medical Sciences, Rehabilitation Faculty, Tehran , I.R.of Iran
- 1982** Diploma, Kamal High School, Tehran, I.R.of Iran

Employment

Academic Member (assistant professor) of Shaheed Beheshti University of Medical Sciences, School of Rehabilitation

Related Professional Activities and Experiences

- 2016 - 2017** Vice Chancellor for Education, School of Rehabilitation Sciences
Shahid Beheshti University of Medical Sciences
- 2012 – 2016** Head of examination center of Rehabilitation Faculty.
- 2012 – Present** Member of cultural committee of Rehabilitation Faculty.
- 2008 – Present** Head of Standardization Committee of Physiotherapy Research Center of Rehabilitation Faculty (Shaheed Beheshti University of Medical Sciences)
- 2000 – 2003** Director of Physical therapy Clinic, Shaheed Beheshti Rehabilitation Faculty
- 2000 – Present** Member of the Iranian Association of Rehabilitation Schools Lecturers
- 1991 – Present** As a Physical therapist in my Private Clinic
- 1990 – 1991** As a Physical therapist in one of the centers affiliated to Janbazan Foundation.
- 1986 – Present** Member of the Iranian Physical therapy Association

Research Activities

Overall co-ordinator and main researcher of following projects:

- 1) The effects of Lidocin & Dexamethasone Iontophoresis on knee osteoarthritis.
- 2) The effects of knee vacuum orthosis on patellofemoral disorders (case reports).
- 3) The effects of mobilization on knee osteoarthritis (case reports).
- 4) The effects of central nervous system mobilization on sciatica (case reports).
- 5) The effects of FES with pelvic floor activity simultaneously in stress incontinence
- 6) Effect of knee joint angle on vastus medialis and lateralis electromyographic activity in open and closed kinetic chain tasks (with and without adductor activity)

Papers Presented at Conferences in Iran

- 1) The effects of Lidocain & Dexamethasone Iontophoresis on knee osteoarthritis
The 4th Scientific congress of Iranian physical therapy 11 – 13 May, 1993
Tehran, I.R. of Iran
- 2) Introducing an invention “A new device for treatment of patellofemoral disorders
The 5th congress of Iranian orthotics & prosthetics 14 – 16 November, 2000
Tehran, I.R. of Iran
- 3) A comparative study between Dynamic Stretching Exercises with or without
Audio-Sensory Feedback and Static Stretching Exercises in Flexibility of
Hamstring Muscle
The 15th Physiotherapy Congress of Iran, Tehran, May (12-14) 2004.
- 4) Effect of knee joint angle on vastus medialis and lateralis electromyographic activity in open and
closed kinetic chain tasks (with and without adductor activity)
The 16th Physiotherapy Congress of Iran, Tehran, May (12-14) 2005.
- 5) The effects of FES with pelvic floor activity simultaneously in stress incontinence,
The first seminar in health care of women. Tehran, Jan 2006.
- 6) Guidelines for prevention in low back pain (based on biopsychosocial principles)
The fourth seminar in pain. Khatam Hospital, Tehran, February (10-11) 2010.
- 7) Dry cupping: A reasonable choice for attenuating morphine withdrawal symptoms. Parinaz
Khosravi1, Mohammad Mohsen Roostaie, Farideh Dehghan Menshadi, Alireza Akbarzadeh
Baghban, Kambiz Hassanzade. 2th neuroscience congress December 18-20, 2013, Tehran, Iran.

Publication in English

1-Roostayi MM, Bagheri H* Talebian Moghaddam S, Firooznia K, Razi M, Hosseini M, Shakiba M. The effects of vacuumic bracing system on the patellofemoral articulation in patients with

patellofemoral pain syndrome. *Complementary Therapies in Clinical Practice*, 2009; 15(1): 29-34.

2- Mohammad Mohsen Roostayi, Taraneh Norouzali, Farideh Dehghan Manshadi, Mehdi Abbasi, Alireza Akbarzadeh Baghban. The Effects of Cupping Therapy on Skin's Biomechanical Properties in Wistar Rats. *Chinese Medicine Vol.7 No.1*, Pub. Date: March 23, 2016

3- Ali Molouki, Seyed Majid Hosseini, Mohammed mohsen Rustaee, Seyed Mehdi Tabatabaee, The Immediate Effects of Manual Massage of Forearm on Power-Grip Strength and Endurance in Healthy Young Men *Journal of Chiropractic Medicine*, 2016; Vol.15 (2): 112-120

Publication in persion

1) A book named "Obstetric and Gynecologic Physical Therapy" Edited and translated by Mohammad Mohsen Roostayi, 2000 , ISBN: 964-6126-16-2.

2) Roostayi MM, Rahimi A. A comparative study between Dynamic Stretching Exercises with or without Audio-Sensory Feedback and Static Stretching Exercises in Flexibility of Hamstring Muscle, *Journal of Rafsanjan University of Medical Sciences & Health Services*, Summer-Fall 2003; 2(3-4):195-203.

3) Rahimi A, Roostayi MM, Shahimoridi D. Vibroarthrography, a novel technique in diagnosis of knee osteoarthritis. *Journal of Rafsanjan University of Medical Sciences & Health Services*, Winter 2007; 5(4):217-224.

4) Roostayi MM, Rahimi A, Talebian Moghaddam S, Bagheri H, Hosseini M, Farahani A. An investigation on a new vacuum-based knee brace to produce patellofemoral joint distraction: A preliminary study. *Pejouhandeh* 2011;16(1):24-9.

5) Parinaz Khosravi , Dr Kambiz Hasanazadeh , Dr Farideh Dehghan Menshadi , Dr Alireza Akbarzadeh Baghban , Dr Mohammad Mohsen Roostaie * . Effect of cupping on morphine withdrawal symptoms in rat. *Scientific Journal of Kurdistan University of Medical Sciences*, 2014(Issue 3), 23-35.

6) Norouzali T, Roostayi MM, DehghanManshadi F, Abbasi M, AkbarzadehBaghban A, Khaleghi MR. The Effects of Cupping Therapy on Biomechanical Properties in WistarRat Skin. *J Res Rehabil Sci* 2013; 9(5):2013.

7) Farideh Dehghan-Manshadi, Elaheh Miri-Ashtiani * , Mohammad Mohsen Roustaei, Zinat Ghanbari , Ali Reza Akbarzadeh-Baghban Chronic Pelvic Pain in women attending Pelvic Floor Clinic at Imam Khomeini Hospital (TUMS), Tehran-Iran, 2011-2012, , *Journal of Rehabilitation* , 2014. Vol 15. Num 2, 48-57

8- Asghar RezaSoltani, Mohsen Roustaei, Kambiz HasanZadeh, A Survey On The Effects Of Iontophoresis Of Piroxicam Gel On Pain And Knee Muscles Strengthen Patients With Knee Osteoarthritis, *Rehabilitation Medicine*, 2012, Vol.1, No.1, 35 - 42

9- Alireza Doroudian¹, Mohammad Mohsen Rustaie^{2*} , Sedigeh Sadat Naimi²

, Alireza Akbarzade Baghban³, The effect of Flexi bar on activation level of erector spine muscles at deferent position, *J Rehab Med*.2015; 4(3):38-47.

10- Mohammad Mohsen Roustaei ¹, Neda Babadi^{*2}, Abbas Rahimi³ , Alireza Akbarzadeh-Baghban⁴, The electromyography activities of the quadriceps muscles during hip rotations in closed kinetic chain tasks in healthy women, . *J Rehab Med*. 2016; 4(4): 98-106.

An Invention

A unique orthosis for treatment of patellofemoral disorders.

Inventor Mohammad Mohsen Roostayi

Title Vacuum Patellar Brace
Patent.NO 26663 (Iran Patent Office)
Date 26 September, 2000

Reviewer of Journals:

Iranian Red Crescent Medical Journal
Rehabilitation Medicine