

# Resume



## **Seyed Mansoor Rayegani, M.D** *Professor of Physical Medicine and Rehabilitation*

### Address

**Dep. Of Physical Medicine & Rehabilitation**  
**Shohada Medical Center**  
**Shaheed Beheshti Medical University**  
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### Qualifications

- **M.D, Shiraz Medical University, Iran, 1991.**
- **Specialist in Physical Medicine & Rehabilitation (Physiatrist).**  
**Shiraz Medical University, Iran, 1994.**
- **NMSK Sonography, UCAM. 2014 Diploma of Expert in**

### Fields of practice

- **Electrodiagnostic medicine(EMG, NCS, EP)**
- **MSK pain syndromes**
- **Spinal Cord Injury**
- **NMSK Sonography**

## Language

Reading, Writing, Speaking, Listening

- *Persian (fluent, fluent, fluent, fluent)*
- *English (fluent, fluent, fluent, fluent)*
- *Arabic (a little, a little, a little, a little)*

## Researches

- *Comparison of Manipulation, Physical Therapy and Education in Mechanical LBP Shohada Medical Center Shaheed Beheshti Medical University, 1999.*
- *Comparison of Phonophoresis & Piroxicam Gel in Knee OA, Shaheed Beheshti Medical University 1999*
- *Cervical spines and peripheral nerves injury in Iranian free style wrestlers*
- *2003 Shaheed Beheshti Medical University.*
- *Comparison of MLS LASER and Therapeutic US in Knee OA, 2003 Shaheed Beheshti Medical University*
- *Analysis of Electrodiagnosis Findings Recording from 2 Different machines, 2004 Shaheed Beheshti Medical University*
- *Comparison of low energy LASER and routine physical therapy in treatment of shoulder myofascial pain syndrome, 2007 Shaheed Beheshti Medical University .*

- *Comparison of low energy LASER and routine physical therapy in QOL of patients with knees OA , 2008, Shaheed Beheshti Medical University .*
- *Comparison of low energy LASER and splint in patients with Carpal tunnel syndrome, 2009 2010, Shaheed Beheshti Medical University .*
- *Comparison of the effects of adding neuro and biofeedback to routine occupational therapy in hand function of patients with stroke, 2010-2011, Shaheed Beheshti Medical University .*
- *Analysis of patients profile referred for electrodiagnostic studies in private and academic clinics, 2010-2011 Shaheed Beheshti Medical University.*
- *Comparison of the effects of PRP therapy and routine physical therapy in pts with knees OA, 2011, Shaheed Beheshti Medical University.*
- *Comparison of the PRP and intraarticular hyalornic acid in knees OA, 2012, Shaheed Beheshti Medical University.*
- *Dystrophic myopathy in IRAN, 2014, Shaheed Beheshti Medical University.*
- *Stroke rehabilitation guideline in Iran, 2015*

### **Memberships**

**Iranian medical council**

**Iranian Society of Physical Medicine and Rehabilitation International**

**Society of Physical and Rehabilitation Medicine**

**American association of electrodiagnosis and neuromuscular medicine**

## **Honors and Awards**

**First rank in the Board Examination of Iranian Physical Medicine and Rehabilitation national board Exam., 1994.**

**The Best Academic Physiatrist of Shaheed Beheshti Medical University, 2004**

**The Best Physician Award from Social Security Organization 2003**

**The Best Physiatrist Award from Iranian Society of Physical Medicine and Rehabilitation, and Iranian Medical Council 2006.**

## **Positions**

- ***President of Iranian Society of Physical Medicine, Rehabilitation and Electrodiagnosis since 2011,***
- ***Chairperson of Iranian Board of Physical Medicine and Rehabilitation, since 2004.***
- ***Secretary of Iranian Society of Physical Medicine and Rehabilitation. 1995-1997, 2003-2005.***
- ***Vice-President of Iranian Society of Physical Medicine, Rehabilitation and Electrodiagnosis from March 2009 to March 2011.***
- ***Executive Secretary of National Committee for Strategic Planning of Physical Medicine and Rehabilitation, since 2006 .***

- ***Chairperson of Physical Medicine and Rehabilitation Scientific Group of Shaheed Beheshti Medical University, since 1999.***
- ***Founder and chief of PM&R research center, SBMU***
- ***Founder and director of Excellence center of PM&R, SBMU***
- ***Chief of Clinical knowledge management unit (KMU) in PM&R field in IRAN, distinguished and selected center.***
- ***Member of Editorial board of Iranian journal of cancer prevention***
- ***Member of Editorial board of journal of LASER in medical sciences. SBMU***
- ***Member of Editorial board of journal of brachial plexus and peripheral nerve injury, BMC journal***

## ***Presentations in international meetings***

- ***4th World Congress of the International Society of Physical and Rehabilitation Medicine, June 10-14, 2007 COEX, Seoul, Korea  
Correlation of clinical findings, electrodiagnosis and MRI study in cervical roots lesion, Physical medicine and rehabilitation in Iran ; past, present & future***
- ***16<sup>th</sup> ESPRM Meeting, Tuesday June 3 - Friday June 6, 2008 Brugge, Belgium  
Cervical root lesion and peripheral nerve injury in Iranian wrestlers***
- ***17<sup>TH</sup> ESPRM Meeting, Venice, Italy, June 2010, ( Key Note Lecturer)  
Establishing Pain Clinic in Physiatry Discipline***
- ***5th World Congress of the ISPRM, 13-17 June 2009, Istanbul  
Chair of session and lecturer ( phantom pain in bilateral lower limbs amputees)***
- ***2<sup>nd</sup> International Europe-Middle-East Congress on Minimally Invasive Spinal Therapy” 20 -23 February on Kish Island in Persian Gulf 200  
Electrodiagnosis of spine disorders***

- ***56th AANEM Annual Meeting in San Diego, California, October 2009, Individual Risk Factor Assessment in Patient With Carpal Tunnel Syndrome***
- ***57th AANEM Annual Meeting in Québec City Convention Center in Québec City, Canada, on October 6-9, 2010, Assessment Of H-Reflex And Ankle Reflex In Unilateral S1 Radiculopathy,***
- ***58th AANEM Annual Meeting Hilton San Francisco, California on September 14-17, 2011, Prevalence Of Accessory Deep Peroneal Nerve In Referred Patients To An Electrodiagnostic Medicine Clinic.***
- ***3<sup>rd</sup> AOCPRM meeting, Nusa Dua, Bali, Indonesia, 23 to 27 May 2012  
Rehabilitation and health status of Iranian SCI veterans.***
- ***4<sup>th</sup> AOCPRM meeting, Bangkok, Thailand, 14 to 17 December 2014  
EDX and sonography in diagnosis of CTS***
- ***7<sup>th</sup> ISPRM Congress, Berlin, Germani, women health status in Iran-***

## **Publications in English**

**1: Rayegani SM, Sedighipour L, Raeissadat SA, Hojjati F, Aghayousefi HR, Lahiji F, Taheri MS. Co-occurrence of trifid and bifid median nerves in a patient with bilateral carpal tunnel syndrome. Neurol India. 2015 Sep-Oct;63(5):788-9. PubMed PMID: 26448247.**

**2: Raeissadat SA, Rayegani SM, Hassanabadi H, Fathi M, Ghorbani E, Babae M, Azma K. Knee Osteoarthritis Injection Choices: Platelet- Rich Plasma (PRP) Versus Hyaluronic Acid (A one-year randomized clinical trial). Clin Med Insights Arthritis Musculoskelet Disord. 2015 Jan 7;8:1-8. doi: 10.4137/CMAMD.S17894. Collection 2015. PubMed PMID: 25624776; PubMed Central PMCID: PMC4287055.**

**3 :Raeissadat SA, Rayegani SM, Rezaei S, Sedighipour L, Bahrami MH, Eliaspour D , Karimzadeh A. The effect of polarized polychromatic noncoherent light (biopton ( therapy on patients with carpal tunnel syndrome. J Lasers Med Sci. 2014 Winter;5(1):39-46. PubMed PMID: 25606338; PubMed Central PMCID: PMC4290517.**

**4: Rayegani SM, Raeissadat SA, Taheri MS, Babae M, Bahrami MH, Eliaspour D, Ghorbani E. Does intra articular platelet rich plasma injection improve function, pain and quality of life in patients with osteoarthritis of the knee? A randomized clinical trial. Orthop Rev (Pavia). 2014 Sep 18;6(3):5405. doi:/or.2014.5405. eCollection 2014 Aug 8. PubMed PMID: 25317308; PubMed Central PMCID: PMC4195987.**

**5 :Rayegani SM, Raeissadat SA, Sedighipour L, Rezazadeh IM, Bahrami MH, Eliaspour D, Khosrawi S. Effect of neurofeedback and electromyographic-biofeedback therapy on improving hand function in stroke patients. Top Stroke Rehabil. 2014 Mar-Apr;21(2):137-51. doi: 10.1310/tsr2102-137. PubMed PMID: 24710974.**

**6: Raeissadat SA, Rayegani SM, Hassanabadi H, Rahimi R, Sedighipour L, Rostami K. Is Platelet-rich plasma superior to whole blood in the management of chronic tennis elbow: one year randomized clinical trial. BMC Sports Sci Med Rehabil. 2014, Mar 18;6:12. doi: 10.1186/2052-1847-6-12. Collection 2014. PubMed PMID: PMC4006635.**

**7 :Raeissadat SA, Sedighipour L, Rayegani SM, Bahrami MH, Bayat M, Rahimi R .Effect of Platelet-Rich Plasma (PRP) versus Autologous Whole Blood on Pain and Function Improvement in Tennis Elbow: A Randomized Clinical Trial. Pain Res Treat. 2014;2014:191525. doi: 10.1155/2014/191525. Epub 2014 Jan 20. PubMed Central PMCID: PMC3918359.**

**8 :Raeissadat SA, Samadi B, Rayegani SM, Bahrami MH, Mahmoudi H. Survey of medical residents' attitude toward physical medicine and rehabilitation. Am J Phys Med Rehabil. 2014 Jun;93(6):540-7. doi: 10.1097/PHM.000000000000057. PubMed PMID: 24508929.**

**9 :Raeissadat SA, Rayegani SM, Babae M, Ghorbani E. The effect of platelet-rich plasma on pain, function, and quality of life of patients with knee osteoarthritis. Pain Res Treat. 2013;2013:165967. doi: 10.1155/2013/165967. Epub 2013, Dec 9. PubMed PMID: 24386565; PubMed Central PMCID: PMC3872432.**



**10 :Rayegani SM, Bayat M, Bahrami MH, Raeissadat SA, Kargozar E. Comparison of dry needling and physiotherapy in treatment of myofascial pain syndrome. Clin Rheumatol. 2014 Jun;33(6):859-64. doi: 10.1007/s10067-013-2448-3. Epub 2013 Dec 19 .PubMed PMID: 24352752.**

**11 :Rayegani SM, Bahrami MH, Eliaspour D, Raeissadat SA, Shafi Tabar Samakoosh M,Sedighipour L, Kargozar E. The effects of low intensity laser on clinical and electrophysiological parameters of carpal tunnel syndrome. J Lasers Med Sci. 2013 Fall;4(4):182-9. PubMed PMID: 25606328; PubMed Central PMCID: PMC4282005.**

**12 :Eliaspour D, Sedighipour L, Hedayati-Moghaddam MR, Rayegani SM, Bahrami MH,Roghani RS. The pattern of muscle involvement in ulnar neuropathy at the elbow. Neurol India. 2012 Jan-Feb;60(1):36-9. doi: 10.4103/0028-3886.93586. PubM**

**13: Seyed Mansoor Rayegani, MD Abbas Aryanmehr, MD Mohammad Reza Soroosh, MD Mohammad Baghbani, MD *Phantom Pain, Phantom Sensation, and Spine Pain in Bilateral Lower Limb Amputees: Results of a National Survey of Iraq-Iran War Victims' Health Status.* JPO , 2010 Vol. 22, Num. 3 ,pp. 162-165**

**14 :Rayegani S, Bahrami M, Samadi B, Sedighipour L, Mokhtarirad M, Eliaspour D. Comparison of the effects of low energy laser and ultrasound in treatment of shoulder myofascial pain syndrome: a randomized single-blinded clinical trial. Eur J Phys Rehabil Med. 2011 Sep;47(3):381-9. PubMed PMID: 21946400.**

**15 :Rayegani SM, Daneshtalab E, Bahrami MH, Eliaspour D, Raeissadat SA, Rezaei S ,Babae M. Prevalence of accessory deep peroneal nerve in referred patients to an electrodiagnostic medicine clinic. J Brachial Plex Peripher Nerve Inj. 2011 Jul. doi: 10.1186/1749-7221-6-3. PubMed PMID: 21740542; PubMed Central PMCID: PMC3141359.**

**16 :Rayegani SM, Shojaee H, Sedighipour L, Soroush MR, Baghbani M, Amirani OB. The effect of electrical passive cycling on spasticity in war veterans with spinal cord injury. Front Neurol. 2011 Jun 20;2:39. doi :fneur.2011.00039. Collection 2011. PubMed PMID: 21734906; PubMed Central PMCID: PMC3119861.**

**17 :Eliaspour D, Sanati E, Hedayati Moqadam MR, Rayegani SM, Bahrami MH. Utility of flexor carpi radialis h-reflex in diagnosis of cervical radiculopathy. J Clin Neurophysiol. 2009 Dec;26(6):458-60. doi: 10.1097/WNP.0b013e3181c2bb00. PubMed PMID: 19952573.**

**18: Bahrami MH, Rayegani SM, Nouri F. Study of interpolation method in diagnosis of carpal tunnel syndrome and comparison with midpalm antideromic sensory method. Electromyogr Clin Neurophysiol. 2009 Sep-Oct;49(6-7):259-62. PubMed PM**

**19: Rayegani SM, Hollisaz MT, Hafezi R, Nassirzadeh S. Application of magnetic motor stimulation for measuring conduction time across the lower part of the brachial plexus. J Brachial Plex Peripher Nerve Inj. 2008 Mar 6;3:7. Doi: PubMed PMID: 18321392; PubMed Central PMCID: PMC2292182.**

**20 :Rayegani SM. Saphenous nerve conduction study techniques. Arch Phys Med Rehabil. 2007 Nov;88(11):1542; author reply 1543. PubMed PMID: 17964903.**

**21 :Rayegani SM, Bahrami HM. Meeting report on the first Iranian congress of electrodiagnosis in peripheral nerve lesions. J Brachial Plex Peripher Nerve Int. j.2007, Apr 14;2:10. PubMed PMID: 17433110; PubMed Central PMCID: PMC1865540.**

**22 :Rayegani SM, Azadi A. Lateral antebrachial cutaneous nerve injury induced by phlebotomy. J Brachial Plex Peripher Nerve Inj. 2007 Mar 14;2:6. PubMed PMID17359520 ;PubMed Central PMCID: PMC1847431.**

**23 :Holisaz MT, Rayegani SM, Hafezy R, Khedmat H, Motamedi MH. Screening for peripheral neuropathy in chemical warfare victims. Int J Rehabil Res. 2007Mar;30(1):71-4. PubMed PMID: 17293724.**

**24: Raissi GR, Mansoori K, Madani P, Rayegani SM. Survey of general practitioners' attitudes toward physical medicine and rehabilitatio Int. Rehabil Res. 2006 Jun;29(2):167-70. PubMed PMID: 16609330.**

**25 :Bahrami MH, Rayegani SM, Fereidouni M, Baghbani M. Prevalence and severity of carpal tunnel syndrome (CTS) during pregnancy. Electromyogr Clin Neurophysiol. 2005 Mar;45(2):123-5. PubMed PMID: 15861862.**

**26: Rayegani SM, Eliaspour D, Bahrami MH, Baghbani M. Comparing distal and proximal techniques of saphenous nerve conduction study in healthy subjects. Electromyogr Clin Neurophysiol. 2005 Mar;45(2):67-70. PubMed PMID: 15861855.**

**27 :Rayegani SM, Vafae H, Baghbani M, Bahrami MH. Palmar cutaneous branch of the median nerve conduction study. Electromyogr Clin Neurophysiol. 2005, Jan-Feb;45(1):29-32. PubMed PMID: 15773261.**

**28: Pakarian P, Rayegani SM, Shahzadi S. Effect of Vim thalamic DBS in Parkinson's disease on F wave duration. Neurosci Lett. 2004 Sep 9;367(3):323-6. PubMed PMID: 15337258.**

**29 :Bahrami MH, Rayegani SM, Zare A. Studying nerve conduction velocity and latency of accessory nerve motor potential in normal persons. Electromyogr Clin Neurophysiol. 2004 Jan-Feb;44(1):11-4. PubMed PMID: 15008019.**

30 :Mansouri B, Adybeig B, Rayegani M, Yasami S, Behshad V. Uremic neuropathy and the analysis of electrophysiological changes. *Electromyogr Clin Neurophysiol.* 2001 Mar;41(2):107-15. PubMed PMID: 11284054.

### *Publications in Persian*

1. The assessment of electro-diagnostic study of the patients referred to university, official and private clinics in Tehran, Iran  
S.mansour Rayegani, M.hasan Bahrami, S.ahmad Raeissadat, Dariush Elias pour, Shahram Sadeqi, Saleh Erfani fam

2. Study of the short term effects of local platelet-rich plasma (PRP) injection versus autologous blood injection in patients with lateral epicondylitis  
S.A. Raeissadat, S.M. Rayegani, M.H. Bahrami, R. Rahimi

3. Therapeutic Effects of Low Level Laser Therapy (LLLT) in Knee Osteoarthritis, Compared to Therapeutic Ultrasound  
Seyed Mansour Rayegani, Mohammad Hasan Bahrami, Darioush Elyaspour, Mahdi Saeidi, Hosein Sanjari

4. The effect of neurofeedback therapy accompanying conventional occupational therapy on improving hand function in stroke patients: a pilot study

**Seyed Mansour Rayegani, Leyla Sedighipour, Seyed Ahmad Raeis Sadat, Mohammad Hasan Bahrami, Iman Rezazadeh, Maryam Tajziehchi, Leyla Anghouti, Dariush Elyas Pour**

5. **The efficacy of lidocaine- H ointment in prevention of the pain associated with EMG- needling**  
**Bahrami Mohammad Hassan, Rayegani Seyed Mansour, Azhari Amin, Moghimi Hamid Reza, Valaei Naser, Elyaspour Daryoush, Bayat Masoumeh**

6. **Comparison of dry needling and physical therapy modalities in treatment of myofascial pain of upper trapezius muscle**  
**Rayegani Seyed Mansour, Bayat Masoumeh, Bahrami Mohammad Hassan, Elyaspour Daryoush, Azhar Amin, Valaei Naser**

7. **Low Intensity Laser Therapy Basics and clinical applications**  
**Rayegani Seyed Mansoor, Bayaat Masoomeh, Sedighipour Leyla, Samadi Behnood**

8. **Effect of Laser and Ultrasound Treatments on Myofascial Pain Syndrome: A Comparative Study**  
**Bahrami MH, Mokhtari Rad MR, Rayegani SM, Eliaspour D, Vallaei N, Naji F, Isania K**

9. **Frequency of carpal tunnel syndrome and its related risk factors in patients upper extremity pain**  
**Seyed Mansoor Rayegani, Mohammadreza Mokhtari Rad, Mohammadhasan Bahrami, Dariush Eliaspour, Naser valaie**

10. **The Relationship between S<sub>1</sub> Radiculopathy**  
**Bahrami MH., Rayegani M., Ghiasi V., Valaei N., Elyaspour D., Sanaati E.**

**11. Electrodiagnostic prevalence of accessory peroneal nerve in admitted patients in Shohada hospital**  
Rayegani M, Bahrami MH, Daneshtalab E, Daneshtalab A



**12. The role of nerve and tendon gliding exercises in the conservative treatment of Carpal Tunnel syndrome**  
Bahrami MH, Rayegani SM, Baghbani M, Barzegari Bafghi MR

**13. Prevalence of Martin-Gruber anastomosis on electrophysiological studies in normal subjects**  
Bahrami MH, Rayegani SM, Nikoo MR

**14. Musculoskeletal chest pain in patients with normal cardiac evaluations**  
Hafezi R, Saffarian N, Rayegani SM, Nikoo MR



**15. Electrodiagnostic findings before and after the operation for Carpal Tunnel syndrome**  
Baghbani M, Rayegani SM, Bahrami MH



**16. A comparison of spinal manipulation with physical therapy for treatment of patients with mechanical low back pain**  
Rayegani SM, Bahrami MH, Farjad M, Ahrari MN, Valaie N

**17. The effect of Pyroxicam gel with ultrasound on the knee osteoarthritis**  
Bahrami MH, Rayegani SM, Shojaei H



**18. Uremic neuropathy and electrodiagnostic changes in dialyzed patients**  
Adibeyg B, Rayegani SM, Mansouri B



**19. Cervical root lesion and peripheral nerve injury in Iranian wrestlers**  
Torkan F, Rayegani SM, Bahrami MH

**20. Electrodiagnostic evaluation of radicular low back pain**  
Roshan Pajhooh R, Tavana B, Rayegani SM, Hollisaz MT,  
Rezaei Moghaddam F

**21. Electrodiagnostic study of Sciatic nerve injury**  
**following Gluteal injections**  
Rayegani M, Jafroodi B, Bahrami MH



