

IN THE NAME OF GOD

Curriculum Vitae



I. PERSONAL DATA

Name: **Mohammad Reza**

Surname: **Asadi**

Date of Birth: **1984**

Place of Birth: **Khomein**

Nationality: **Iranian**

II. ADDRESS AND E-MAIL

Physiotherapy Department
School of Rehabilitation Sciences
Hamedan University of Medical Sciences
Hamedan, Islamic Republic of Iran
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III. EDUCATION

- 2011 - 2016: Ph.D.** in Physical Therapy, School of Medical Sciences, Tarbiat Modares University
Desertation Title: " Effect of cathodal direct current on the expression of angiogenic factors (VEGF, NO, VEGFR-2, HIF-1 α), Oxygen saturation of peripheral blood and wound surface area in the ischemic diabetic foot ulcer"
Accepted graded as Excellent
Supervisors: Dr. Giti Torkaman
Advisor: Dr. Mehdi Hedayati & Dr. Mohammad Reza Mohajeri-Tehrani
- 2008 - 2010: M.Sc.** in Physical Therapy, School of Medical Sciences, Tarbiat Modares University
Thesis Title: " The effect of sensory & motor intensities of cathodal current on injury potential, tensile strength of tissue and releasing of vascular endothelial growth factor"
Accepted with score 19.39/20
Supervisor: Dr. Giti Torkaman
Advisor: Dr. Mehdi Hedayati
- 2003 -2007: B.Sc.** in Physical Therapy, Rehabilitation School, Semnan University of Medical Sciences
Thesis Title: "The measurement of Pelvic Inclination Angle in Healthy Young Men"
Accepted with 19/20
Supervisor: Dr. syrus Taghizadeh
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IV. LANGUAGE ABILITY

-English/ Average

V. RESEARCH INTERESTS

- Biomechanics of normal and injured Tissues
 - Physical modalities for wound healing
 - Rehabilitation of diabetic patients
 - Exercise and training physiology in health and diseases
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VI. JOURNAL PAPERS

1. **Asadi MR**, Torkaman G, Hedayati M. Effect of sensory and motor electrical stimulation in vascular endothelial growth factor expression of muscle and skin in fullthickness wound. *J Rehabil Res Dev* 2011; 48(3): 195-202.
2. **Asadi MR**, Torkaman G, Hedayati M. The role of sensory and motor intensity of electrical stimulation on FGF-2 expression, inflammation, vascularization, and mechanical strength of fullthickness wounds. *J Rehabil Res Dev*, 2013;50(4):489-983.
3. **Asadi MR**, Torkaman G, Hedayati M. The effect of electrical stimulation intensity on VEGF expression and biomechanical properties during wound, *World Academy of Science. Engineering and Technology*, 2010.
4. **Asadi MR**, Torkaman G, Hedayati M Effects of sensory and motor cathodal electrical stimulations on the injury potential and biomechanical properties of acute skin full-thickness wound in rats. *JRRS*, 2012;8(2);372-81
5. Mohammad Reza Mohajeri-Tehrani, MD1; Faezeh Nasiripoor, MSc2; Giti Torkaman, PhD2*; Mehdi Hedayati, PhD3; Zohreh Annabestani, MD1; **Mohammad Reza Asadi**, MSc2. The effect of low-intensity direct current on the expression of vascular endothelial growth factor and nitric oxide in diabetic foot ulcers. *J Rehabil Res Dev*. 2014;51(5):815–24
6. **Asadi MR**, Torkaman G. Bacterial inhibitory effect of electrical stimulation. *Adv Wound Care*. 2014 February 1; 3(2): 91–97.
7. **Asadi MR**, Torkaman G, Mohajeri-Tehrani MR, Hedayati M. Effects of Electrical Stimulation on the Management of Ischemic Diabetic Foot Ulcers. *J Babol Univ Med Sci*. 2015;17(7):7-14

8. **Asadi MR**, Torkaman G, Mohajeri-Tehrani MR, Hedayati M. *Angiogenic effects of low-intensity cathodal direct current on ischemic diabetic foot ulcers: A randomized controlled trial. diabetes research and clinical ppractice [under review]*

9. **Asadi MR**, Torkaman G, Mohajeri-Tehrani MR, Hedayati M. *Effect of low intensity cathodal direct current on rate of healing and quality of life in diabetic patients with ischemic foot ulcer. Journal of Clinical Physiotherapy Research 2016 [Accepted Manuscript]*

VII. PAPERS PRESENTED IN CONGRESSES & SEMINARS

1. **Asadi MR**, Torkaman G, Hedayati M; *The role of sensory and motor intensity of electrical stimulation on the biomechanical properties of skin full-thickness wound; Twenty-first Iranian Physical Therapy Congress; 2010; Tehran; Iran.*

2. **Asadi MR**. *Physical Therapy: A Treatment Option for Carpal Tunnel Syndrome. 1st Annual Congress of Orthopaedics Hamedan University of Medical Sciences. 26-27 may 2016; Hamedan, Iran.*

VIII. CERTIFICATES

1. *Statistical Analysis of Clinical Trial Study workshop; December 2014; Clinical Trial Center of Tehran University of Medical Sciences-Tehran-Iran.*

2. *Dry Needling Workshop; 26-27 February 2015; Tarbiat Modares University; Tehran, Iran*

3. *Kinesio Taping Fundamentals and Advanced (KT1 & KT2); 18-19 November, 2015; Tarbiat Modares University; Tehran, Iran*