

April 14, 2015

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<http://scholar.google.com/citations?user=FXzUASAAAAAJ&hl=en>

Demographic Information

Date of Birth: Sep 21, 1980

Place of Birth: Shiraz, Iran

Nationality: Iranian

Citizenship: Iran

EDUCATION:

2006 - 2011:	Ph.D. in Physical Therapy, School of Medical Sciences, Tarbiat Modares University Desertation Title: " Studying & Comparing The Effect of Pulse Ultrasonic Wave & Low Level LASER to Improve the Cartilage Biomechanical Properties & Knee Joint Complex Coefficient of Friction in Rabbit Experimental OA" Accepted graded as Excellent Supervisors: Dr. Giti Torkaman Advisor: Dr. Ali Esteki & Dr. Alireza Sabbaghian
2002 - 2005:	M.Sc. in Physical Therapy, School of Medical Sciences, Tarbiat Modares University Thesis Title: " Effect of Ergometric Training on Coagulant Activity of FVIII in Healthy Young Men" Accepted with score 19.95/20 Supervisor: Dr. Giti Torkaman Advisor: Dr. Fatemeh Nad Ali GPA: 19.30/20
1998 -2002:	B.Sc. in Physical Therapy, Rehabilitation School, Shiraz University of Medical Sciences, Shiraz, Iran Thesis Title: "The Effect of Heel Height on Lumbar Lordosis & Pelvic Inclination Angle in Healthy Young Women" Accepted with 19.75/20 Supervisors: Farahnaz Ghafarnejad(M.Sc.), Maryam Ebrahimian (M.Sc.) GPA: 18.77/20

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ACADEMIC EXPERIENCES:

- Assistant Professor: Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran. (started from April 2012)
- Instructor: Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran. (2003-2012)
- Instructor: Rehabilitation School, Iran University of Medical Sciences, Tehran, Iran. (2006-2007)

LINGUISTIC SKILLS

- Mother tongue: Persian
- Other Languages: English (fluent), Turkish (elementary), Arabic (elementary)

CURRENT POSITION

- Vice head of research, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Feb 2014- Present (8 months)
- Assistant Professor, department of physical therapy, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Dec 2011-Present (2 years 10 months), Isfahan, Iran

PREVIOUS WORK EXPERIENCE

- Lecturer at Isfahan University of Medical Sciences, Sep 2002-Dec 2011 (9 years 4 months), Isfahan, Iran.
- Clinical Lecturer at Firuzgar Hospital, Faculty of Rehabilitation, Iran Medical University. Sep 2005-Jan 2006 (5 months).

RESEARCH EXPERIMENTS

Structure-function relationships in experimental osteoarthritis

University of Eastern Finland-Department of Mathematics and Applied Physics
November 2010-May 2011. Kuopio. Finland
Supervisor: Pro. Jukka Jurvelin
Advisor: Dr. Rami Korhonen

Website:

BBC Research Group: <http://luotain.uef.fi/>
University of Eastern Finland: <http://www.uef.fi/uef/home>

Baseline knee malalignment and efficacy of realignment therapy

University of Sydney-Sydney Medical School-Northern Clinical School-Royal North Shore Hospital - Institute of Bone and Joint Research (IBJR): Kolling Institute, The University of Sydney, and Department of Rheumatology, Royal North Shore Hospital
August 2012-October 2012. Sydney. Australia

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Supervisor: Pro. David Hunter

Websites:

Institute of Bone and Joint Research: <http://sydney.edu.au/medicine/ibjr/>

Kolling Institute of Medical Research: <http://www.kolling.usyd.edu.au/>

The University of Sydney: <http://sydney.edu.au/>

RESEARCH INTERESTS:

Biomechanics of Normal and Injured Tissues

- Biomechanical Aspect of Tissue Repair
- Diarthrodial Joints Biomechanics in Health & Disease
- Frictional Properties of Synovial Joint Complexes

Exercise and Training Physiology in Health and Diseases

- Haemostatic, Cardiac and Respiratory System Responses to Exercise & Training
- Efficacy of Cardio-respiratory Training Programs in Cardiovascular, Pulmonary & Musculoskeletal Clients
- Blood Rheology in Health and Diseases

Manual Techniques

- Special focus on SI joint and spinal column

MEMBERSHIP OF SCIENTIFIC SOCIETIES:

National

- Students Research Committee. 1999-2001. Rehabilitation School-Shiraz
- Medical Council of Islamic Republic of Iran (MCIRI). 2006-present
- Executive Collegiums in Students Research Committee. 2007-2010. TMU-Tehran
- Iran National Science Foundation (INSF). 2010-present
- Iran Physical Therapy Association (IPTA). 2013-present
- The Research Council of Student Research Committee, Isfahan University of Medical Sciences. 2013-present

International

- World Confederation of Physical Therapy (WCPT: <http://www.wcpt.org>). 2011-present
- Osteoarthritis Research Society International (OARSI: <http://www.oarsi.org/>). 2011- present
- International Cartilage Repair Society (ICRS: <http://www.cartilage.org/>). 2011- present
- Nordic Network for Healthcare Management Research (NOHR: <http://nohrnet.org/>). 2011-present
- European Orthopedic Research Society (EORS: <http://www.eors.eu/>). 2012- present
- European Association for the Teaching of Academic Writing (<http://www.eataw.eu>). 2012-present

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- European Society of Biomechanics (ESB: <http://www.esbiomech.org/>). 2013- present
- Foundation for Physical Therapy (https://www5719.sslldomain.com/domainid127167/template/main_s.cfm). 2013-present
- Arthritis National Research Foundation (<http://www.curearthritis.org/>). 2013-present
- International Foot and Ankle Biomechanics (<https://moodle.i-fab.org/>). 2014-Present

EXTERNAL REVIEWER:

- Journal of Research in Rehabilitation Sciences (JRRS)-Since 2008
- Iran National Science Foundation (INSF)-Since 2012
- Journal of Research in Medical Sciences (JRMS)-Since 2012
- Journal of Paramedical Sciences & Rehabilitation (JPSR)-Since 2013
- Journal of Rehabilitation Medicine (JRM)-Since 2014
-

JOURNAL PAPERS

1. **Rezaeian ZS**, Torkaman G, Ravanbod R, Goushe B, Nejatian M.; Effect of Aerobic Training on Functional Capacity in Young Men. *Journal of Research in Rehabilitation Sciences*, 2006, 2:23-29.
2. **Rezaeian ZS**, Torkaman G, Nadali F, Ravanbod R, Pourfathollah AA, Goushe B, Nejatian M, Broumand M.A.; Effect of Physical Fitness on Coagulant Activity in Healthy Young Men. *Pakistan Journal of Biological Sciences*, 2006, 9(11):2032-2039.
3. **Rezaeian ZS**, Torkaman G, Nadali F, Ravanbod R, Nejatian M, Goushe B, Broumand MA, Pourfathollah AA; Effect of Aerobic Training on Coagulant Activity in Healthy Young Men. *Physiology and Pharmacology*, 2006, 10(1):79-85.
4. **Rezaeian ZS**, Torkaman G, Nadali F, Ravanbod R, Nejatian M, Goushe B, Broumand M.A, Pourfathollah A.A.; Effect of physical fitness on Blood Coagulation in Healthy Young Men. *Harkat*, 2007, 30:43-57.
5. **Rezaeian ZS**, Alifard F, Gudarzi Z, Karimi A, Asghari MAJ.; Incidence of SI Joint Dysfunction among LBP Clients Referred to Isfahan University of Medical Sciences Hospitals. *Journal of Research in Rehabilitation Sciences* *Journal of Research in Rehabilitation Sciences*, 2008, 4(1):11-19.
6. **Rezaeian ZS**, Torkaman G, Esteki A, Sabaghian A, Ravanbod R, Dadpei M. The effect of anterior cruciate ligament transection on biomechanical and histological properties of knee articular cartilage in rabbit. *Journal of Research in Rehabilitation Sciences*, 2012, 8(2):310-27
7. Ravand M, Attarbashi B, Merasi MR, Ravand M, **Rezaeian ZS**. The Reliability and Validity of Persian Translation of the Seattle Angina Questionnaire in Patients with Myocardial Infarction. *Journal of Research in Rehabilitation Sciences*, 2013, 9(5):805-817
8. **Rezaeian ZS**, Torkaman G, Esteki A, Sabaghian A, Ravanbod R. Early Biomechanical Changes in Knee Articular Cartilage Following ACLT in Rabbits. [under review at *Journal of Research in Orthopedic Surgery*]
9. Mäkelä JTA, **Rezaeian ZS**, Mikkonen S, Madden R, Han S-K, Jurvelin JS, Herzog W, Korhonen RK. Site-Dependent Changes in Structure and Function of Lapine Articular Cartilage 4 Weeks after Anterior Cruciate Ligament Transection. *Osteoarthritis and Cartilage*, 2014, 22(6):869-78. doi:10.1016/j.joca.2014.04.010
10. **Rezaeian ZS**, Smith MM, Skaife TL, Harvey WH, Gross KD, Hunter DJ. Does knee malalignment predict the efficacy of realignment therapy for patients with knee osteoarthritis? Double-blind randomized trial. *Arthritis Research & Therapy* [under review]

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11. Ravand M, Attarbashi B, Merasi MR, Ravand M, **Rezaeian ZS**. Cross-Cultural validation of the Persian version of the Seattle Angina Questionnaire in Patients with Myocardial Infarction [under review at American Heart Journal]
12. Ravand M, Attarbashi B, Merasi MR, Ravand M, **Rezaeian ZS**. Heart disease specific health related quality of life questionnaires: a review article [under review at Cardiology in Review]
13. Shafizadegan Z, Karimi MT, Shafizadegan F, **Rezaeian ZS**. The Effect of Knee Osteoarthritis Severity on Spatiotemporal Parameters of the Female Gait: a Pilot Study. Journal of Research in Rehabilitation Sciences, 2014, 10(5) [Article in Press].
14. Shafizadegan Z, Karimi MT, Shafizadegan F, **Rezaeian ZS**. A Case-Control Study of the Change in Gait Spatiotemporal Parameters in Females with Various Knee Osteoarthritis Severities [under review at Clinical Biomechanics]
15. Shafizadegan Z, Karimi MT, Shafizadegan F, **Rezaeian ZS**. Evaluation of Ground Reaction Forces in Patients with Various Severities of Knee Osteoarthritis. Journal of Mechanics in Medicine and Biology (JMMB), 2015, 15(5) [Article in Press].
16. Khaleghi Panah M, Saraf Zadeh J, **Rezaeian ZS**. The Effect of Six-week Supervised Toe-in Exercise at Home on Function of Non-coper Subjects with Anterior Cruciate Ligament injury- Pilot Study. Journal of Research in Rehabilitation Sciences, 2015, [Accepted Manuscript].

PAPERS PRESENTED IN CONGRESSES & SEMINARS

1. **Rezaeian ZS**, Torkaman G, Ravanbod R, Gousheh B, Nejatian M.; Effects of Aerobic Training on Bruce Test Parameters; Forteenth Congress of Iranian Heart Association in Collaboration with British Cardiac Society; 23-26 Nov 2004; Tehran; Iran.
2. **Rezaeian ZS**, Torkaman G, Nadali F, Ravanbod R, Goushe B, Nejatian M, Broumand M.A, Pourfathollah A.A.; Effect of Ergometric Training on Coagulant Activity in Healthy Young Men Contributes to Atherosclerosis. Seventh National Congress on Cardiovascular Update; 17-20 June 2005; Tehran; Iran.
3. **Rezaeian Z** , Torkaman , Nadali F, Ravanbod R, Goushe B, Nejatian M, Broumand M.A. ,Pourfathollah A.A. Effect of Physical Fitness on Coagulant Activity of FVIII in Healthy Young Men. Fourth International Congress of the Iranian Society of Cardiac Surgeons; 16-19 Nov 2005; Tehran; Iran.
4. **Rezaeian ZS**, Torkaman G, Nadali F, Ravanbod R, Nejatian M, Goushe B, Broumand M.A, Pourfathollah A.A.; Effect of Aerobic Training on Coagulant Activity of FVIII in Healthy Young Men; Emirates Physiotherapy Conference; 29 April-1 May 2006; Dubai; UAE.
5. **Rezaeian ZS**, Torkaman G, Ravanbod R, Nejatian M, Goushe B.; Nonspecific Effect of Aerobic Training; Seventeenth Iranian Physical Therapy Congress; 16-18 April 2006; Tehran; Iran.
6. Ravanbod R, Torkaman G, Kahrizi S, Goushe B, **Rezaeian ZS**, Nejatian M.; Improvement of sympathetic-vagal after Exercise Training; Fifteenth Congress of Iranian Heart Association in Association with French Society of Thoracic and Cardiovascular Surgery; 31 Oct-3 Nov 2006; Tehran; Iran.
7. Ravanbod R, Torkaman G, Gousheh B, Fallahi F, Hedayati M, **Rezaeian Z**. Inflammatory markers and atherosclerosis. 3rd Iran-Arab (Middle East) Cardiovascular Congress. 12-15 March 2009, Kish, Iran
8. Rezaeian ZS, Torkaman G, Esteki A, Sabaghian A, Ravanbod R. Short term effect of ACLT on knee joint biomechanics. Ninth Meeting of the European Orthopaedic Research Society (EORS) 2011. 1-2 Sep 2011, Vienna, Austria
9. **Rezaeian ZS**, Torkaman G, Esteki A, Sabaghian A, Ravanbod R. Effects of Low Power Laser Therapy on Articular Cartilage Biomechanics in an Experimental Model of Osteoarthritis. 2011 World Congress on Osteoarthritis, Osteoarthritis Research Society International (OARSI). 15-18 Sep 2011, San Diego, CA, USA
10. Mäkelä J, **Rezaeian ZS**, Mikkonen S, Madden R, Han S, Jurvelin J, Herzog W, Korhonen R. Site-Dependent Changes in Collagen Orientation and Elastic Moduli in Lapine Articular Cartilage at 4 Weeks After

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Anterior Cruciate Ligament Transection. ORS 2013 Annual Meeting, Orthopaedics Research Society, 26-29 Jan 2013, San Antonio, Texas, USA.

11. **Rezaeian ZS**, Torkaman G, Ravanbod R, Esteki A, Sabbaghian A. The effect of LIPUS on knee friction coefficient in rabbit model of OA. Nineteenth Congress of the European Society of Biomechanics, ESB 2013, 25-28 Aug 2013, Patras, Greece.
12. Khaleghi Panah. M, **Rezaeian ZS**. Comparing the kinetic and kinematic parameters of gait in Anterior Cruciate Ligament Deficiency (ACLD) patients and controls- A Review Article. CORS 2013, 8th Combined Meeting of ORS, 13-16 Oct 2013, Venice, Italy
13. Ravand M, Attarbashi B, **Rezaeian ZS**. SAQ: A reliable & valid instrument in cardiac patients. 2nd Iranian Cardiovascular Joint Congress, 25-28 Feb 2014, Tehran, Iran.
14. Ravand M, Attarbashi B, Meraci MR, Ravand MR, **Rezaeian ZS**. Persian Version of the Seattle Angina Questionnaire. 2nd Iranian Cardiovascular Joint Congress, 25-28 Feb 2014, Tehran, Iran.
15. **Rezaeian ZS**, Torkaman G, Ravanbod R, Esteki A, Sabbaghian A. The effect of LIPUS on tibial articular cartilage biomechanics in rabbit model of OA, OARSI 2014 World Congress on Osteoarthritis, 24 – 27 April 2014, Paris, France
16. Shafizadegan Z, Karimi MT, **Rezaeian ZS**, Shafizadegan F. Spatio-temporal parameters of the gait in various severities of knee osteoarthritis. EORS 2014 Annual Meeting, 2-4 July 2014, Nantes, France
17. Shafizadegan Z, **Rezaeian ZS**. How Knee Osteoarthritis May Change Gait Biomechanics: a review study. EORS 2014 Annual Meeting, 2-4 July 2014, Nantes, France

Keynote Lectures

1. Rezaeian ZS. The Essence of Analyzing the Tissue Biomechanics in Musculoskeletal Disorders. 26th Annual Meeting of Iran Physical Therapy Association, 22-24 April 2015, Tehran, Iran

PUBLICATIONS

1. Patient Guide Pamphlet Series-Isfahan-2005-present (over 20 different titles)
2. "The Back Book"- Translation into Persian-2005
3. "A New Concept in Low Back Pain" (Collaboration in Edit)

INVENTIONS

Joint friction assessment system (JFAS) Registered by:

- Deeds and Properties Registration Organization of Iran. Registration Office for Companies and Industrial Property. Code: 65127-Date: 6.13.2010
- Iranian Research Organization for Science and Technology. Code: 415/000236-Date: 01.23.2011

CERTIFICATES

1. Physical Therapy & Cardiac Rehabilitation Elementary Workshop; 13-15 February 2007- Tehran University of Medical Sciences-Tehran-Iran
2. Scientific Ethics Lecture Series; 10 Sep 2006-20 Feb 2007-TMU-Tehran-Iran
3. Scientific Writing & Communication; 10 Sep 2006 -20 Feb 2007-TMU-Tehran-Iran
4. Experimental Animal Husbandry & Preservation; 16 December 2008-TMU-Tehran-Iran
5. Author and SciVerseScopus Tool for authors-Elsevier Workshop-13 April 2011-University of Eastern Finland-Kuopio Campus- Kuopio-Finland

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6. How to choose appropriate statistical test, 10-11 July 2012-Musculoskeletal Research Center- Isfahan University of Medical Sciences-Isfahan-Iran
7. Motion Analysis Workshop, 9 Jan 2013- Musculoskeletal Research Center- Isfahan University of Medical Sciences-Isfahan-Iran
8. Manual Concepts in Low Back Pain Workshop, 16 March 2013-Manual Concept-Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences-Isfahan-Iran
9. KT1 and 2, 15-16 Aug 2013-International Kinesiotaping Association-Treata-Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences-Isfahan-Iran
10. Craniosacral Manual therapy, 17-18 Aug 2013-University of Northern Georgia- Department of Physical therapy-Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences-Isfahan-Iran
11. Myofascial Release Techniques, 19-20 Aug 2013- University of Northern Georgia- Department of Physical therapy-Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences-Isfahan-Iran
12. Mobilization and Manipulation Techniques for Spine Dysfunctions, 20-22 Aug 2013- University of Northern Georgia-Department of Physical therapy-Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences-Isfahan-Iran
13. Musculoskeletal Imaging (Spine, Knee, Shoulder), 6-7 November 2013, Iran Physical Therapy Association, Department of Physical therapy-Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences-Isfahan-Iran
14. Elementary Workshop on Research Methods, 24-26 Dec 2013, EDC, Isfahan University of Medical Sciences-Isfahan-Iran
15. Elementary Workshop on Teaching Methods, 9 Jan 2014, EDC, Isfahan University of Medical Sciences-Isfahan-Iran
16. Elementary Workshop on SPSS Software, 11-14 Jan 2014, EDC, Isfahan University of Medical Sciences-Isfahan-Iran
17. The Evaluation Strategies in Higher Education, 23 Jan 2014, EDC, Isfahan University of Medical Sciences-Isfahan-Iran
18. Introduction to technology Development, 18 Feb 2014, growth center of Isfahan university of Medical Sciences, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences-Isfahan-Iran
19. Manual Therapy techniques, Cervical, Thoracic and Lumbar region, 23-27 Jun 2014, Manual Concept (Australia)- Treata-Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences-Isfahan-Iran
20. Advanced Search Workshop, 13 Aug 2014, EDC, Isfahan University of Medical Sciences-Isfahan-Iran
21. Assessment, Clinical Reasoning and Treatment for the Shoulder Complex 10-12 Aug 2014, University of Northern Georgia- Department of Physical therapy-Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences-Isfahan-Iran
22. Cervicogenic Headache and Dizziness, 13-14 Aug 2014, University of Northern Georgia- Department of Physical therapy-Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences-Isfahan-Iran
23. Developing Technology from Research, 23-24 Aug 2014, EDC, Isfahan University of Medical Sciences-Isfahan-Iran
24. Endnote & Endnote web Workshop, 27-28 Aug 2014, EDC, Isfahan University of Medical Sciences-Isfahan-Iran
25. Cross-Over and Case Cross-Over Study Design, 08 Sep 2014, EDC, Isfahan University of Medical Sciences-Isfahan-Iran
26. Advanced Workshop on SPSS Software, 10-11 Sep 2014, EDC, Isfahan University of Medical Sciences-Isfahan-Iran
27. KT3, 19 Sep 2014-International Kinesiotaping Association-Treata-Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences-Isfahan-Iran
28. Preparing Local Journals in Accordance with International Standards: Elsevier Editors Workshop, 28 Oct 2014, Tehran University of Medical Sciences, Tehran, Iran

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29. How to Advance Your Journal's Quality: Elsevier Editors Workshop, 28 Oct 2014, Tehran University of Medical Sciences, Tehran, Iran
30. How to Advance Your Manuscript's Quality: Elsevier Authors Workshop, 29 Oct 2014, Tehran University of Medical Sciences, Tehran, Iran
31. Systematic Review Workshop, 06 Dec 2014, EDC, Isfahan University of Medical Sciences-Isfahan-Iran
32. Deciding and Managing Language of Publication and Coping with Plagiarism, 21 Feb 2015, Vice Chancellery for Research and Technology, Isfahan University of Medical Sciences-Isfahan-Iran
33. International Editorial and Reviewing Trends and How They affect Authors, 21 Feb 2015, Vice Chancellery for Research and Technology, Isfahan University of Medical Sciences-Isfahan-Iran
34. Ehealth Startup Weekend, 25-27 Feb 2015, Vice Chancellery for Research and Technology, Isfahan University of Medical Sciences-Isfahan-Iran.

INSTRUCTOR AT LECTURES, WORKSHOPS & SEMINARS

1. Spasticity: Mechanism & Neurophysiology; July 2003- Isfahan University of Medical Sciences
2. Hemophilia & Physical Activity; October 2003- TMU
3. The Biomechanical Basis for Therapeutic Effects of Manual Techniques; December 2004-TMU
4. An Introduction on Soft Tissue Biomechanics; September 2006-TMU
5. Tissue Engineering Techniques in Osteoarthritis; December 2006-TMU
6. Impedance Control Approach in Motor Control; December 2007-TMU
7. Visco-supplementation in Osteoarthritis; May 2008-TMU
8. Reference Manager Workshop, 14 Oct 2008-TMU-Tehran-Iran
9. Osteoarthritis: Etiology, Assessment & Treatment; October 2008, Isfahan University of Medical Sciences
10. The Biomechanical Features of Osteoarthritic Cartilage; October 2009-TMU
11. Reference Manager Workshop, 18 Nov 2009-TMU-Tehran-Iran
12. Reference Manager Workshop, 25 Oct 2010-TMU-Tehran-Iran
13. The Management Tenet in Osteoarthritis; January 2012- Isfahan University of Medical Sciences
14. Laser in OA; Symposium on Laser Application in Rehabilitation, 2 March 2012- Shahid Beheshti University of Medical Sciences, Tehran, Iran
15. Reference Manager Workshop, 14 June 2012- Isfahan University of Medical Sciences-Isfahan-Iran
16. The knee, the view points and gaps; 14 July 2012- Isfahan University of Medical Sciences
17. Reference Manager Workshop, 4 February 2013- Isfahan University of Medical Sciences-Isfahan-Iran
18. Elementary Workshop on Writing Research Proposal-Introduction, 30 May 2013- Isfahan University of Medical Sciences-Isfahan-Iran
19. Assessment & Rehabilitative Treatment for Shoulder Impingement Syndrome, 25 July, 2013- Isfahan University of Medical Sciences-Isfahan-Iran
20. Reference Manager Workshop, 27 November 2014- Isfahan University of Medical Sciences-Isfahan-Iran
21. Kinesiotaping technique, Fundamentals and Advances, 27-28 February 2014- Isfahan University of Medical Sciences-Isfahan-Iran
22. Elementary Workshop on Idea Processing and Writing Research Proposal-Introduction, 12 March 2014- Isfahan University of Medical Sciences-Isfahan-Iran

DEAN OF LECTURES, WORKSHOPS & SEMINARS

1. Symposium on Shoulder Impingement Syndrome, Isfahan Branch of Iran Physical therapy Association (IPTA) and Treata©, 25 July, 2013- Easa Ebn Maryam Hospital-Isfahan-Iran

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2. First International Kinesiotaping Workshop (Grade I & II), International Kinesiotaping Association-Treata, 15-16 Aug 2013, Isfahan University of Medical Sciences, Faculty of Rehabilitation Sciences, Isfahan, Iran
3. Symposium on Application of Action Potential Simulation (APS) in Rehabilitation, IPTA, 26 Sep 2013, Deputy Ministry for Education, Isfahan, Iran
4. Symposium on Geriatrics and the Essence of Exercise Prescription for Older Adults, IPTA, 10 Oct 2013, Isfahan University of Medical Sciences, Faculty of Rehabilitation Sciences, Isfahan, Iran
5. Kinesiotaping workshop, Treata, 22-23 Feb 2014, Isfahan University of Medical Sciences, Faculty of Rehabilitation Sciences, Isfahan, Iran
6. Dry Needling Workshop Serries (1-4), 2013-2014, Isfahan Physical Therapy Association.
7. Second International Kinesiotaping Workshop (Grade I, II & III), 17-19 Sep 2014-International Kinesiotaping Association-Treata-Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences-Isfahan-Iran

RESEARCH PROJECT LEADER:

1. The Physical Therapy in MS Practice (B.Sc.)
2. Incidence of SI Joint Dysfunction among LBP Clients Referred to Isfahan University of Medical Sciences Hospitals(B.Sc.)
3. The SI Joint Evaluation Protocol, Soghra Jokar, 2011(Musculoskeletal Research Center of Faculty of Rehabilitation Sciences)
4. Reliability and Validity of Persian Version of the Seattle Angina Questionnaire in patients with Myocardial infarction (M.Sc.)
5. The effect of conventional PT on load characteristics parameters of gait in moderate osteoarthritis (M.Sc.)
6. The effects of 6 weeks toe in walking exercise training on the function of Anterior Cruciate Ligament-Deficient subjects (M.Sc.)
7. Comparison of load characteristics parameters of gait in normal individual and patients suffering different osteoarthritis severity (M.Sc.)
8. Comparison of stability characteristics parameters of gait in normal individual and patients suffering different osteoarthritis severity (M.Sc.)
9. Comparison of lower limb mechanical energy expenditure of gait in patients suffering different osteoarthritis severity using knee sleeve (M.Sc.)
10. Immediate Effect of Supplementary Treadmill Walking Exercise with Conventional Physiotherapy on the Pain and Function in Patients with Moderate Knee Osteoarthritis (M.Sc.)
11. Reliability & Validity of Persian Version of the Intermittent and Constant Osteoarthritis Pain (ICOAP) Questionnaire in Iranian Patients with Knee Osteoarthritis (M.Sc.)
12. Study the effect of honey gel phonopherosis on the healing of grade II burn wound in rat model (B.Sc.)
13. Reliability and Validity of Persian Version of the Knee Outcome Survey in patients with knee osteoarthritis (B.Sc.)
14. The Effect of Shoulder Kinesiotaping® on the Pain and Disability in Shoulder Impingement Syndrome (B.Sc)
15. The effect of manipulation and manipulation with exercise on the pain and function of acute LBP patients (M.Sc)

RESEARCH STUDENTS SUPERVISED:

1. The Physical Therapy in MS Practice; Marzieh Karami Nasab, Shabnam Talebi, B.Sc, 2006-2007

2. Incidence of SI Joint Dysfunction among LBP Clients Referred to Isfahan University of Medical Sciences Hospitals; Fatemeh Alifard, Zeinab Gudarzi, B.Sc, 2007-2008
3. The SI Joint Evaluation Protocol, Soghra Jokar, 2011 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences).
4. Reliability and Validity of Persian Version of the Seattle Angina Questionnaire in patients with Myocardial infarction, M.Sc.; Mahdie Ravand, 2011 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences). Collaboration with Tehran University of Medical Sciences: Dr. Behrouz Attarbashi Moghaddam.
5. The effect of conventional PT on load characteristics parameters of gait in moderate osteoarthritis, M.Sc.-Leila Fattahi: 2012 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences).
6. The effects of 6 weeks toe in walking exercise training on the function of Anterior Cruciate Ligament-Deficient subjects, M.Sc.-Mahshid Khaleghi: 2012 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences). Collaboration with Iran University of Medical Sciences: Dr. J. Sarraf Zadegan and Aalborg University (Denmark): Prof. Lars Arendt-Nielsen
7. Comparison of load characteristics parameters of gait in normal individual and patients suffering different osteoarthritis severity, M.Sc.-Zoreh Shafi Zadegan: 2012 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences).
8. Comparison of stability characteristics parameters of gait in normal individual and patients suffering different osteoarthritis severity, M.Sc.-Zeinab Niki: 2013 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences).
9. Comparison of lower limb mechanical energy expenditure of gait in patients suffering different osteoarthritis severity using knee sleeve, M.Sc.-Maryam Pirhayati: 2013 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences). Collaboration with Isfahan University: Dr. N. Jamshidi and Cliniques Universitaires Saint-Luc (Belgium): Dr. Sebastian Lobet
10. Immediate Effect of Supplementary Treadmill Walking Exercise with Conventional Physical therapy on the Pain and Function in Patients with Moderate Knee Osteoarthritis, M.Sc.-Behruz Melyanian: 2014 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences). Collaboration with University of Otago (New Zealand): Pro Haxby Abbott.
11. Study the effect of honey gel phonoporesis on the healing of grade II burn wound in rat model, B.Sc.-Fateme Naraghi, Milad Ataeian: 2013 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences and Student Research Committee of Faculty of Rehabilitation Sciences: Treata).
12. Reliability & Validity of Persian Version of the Intermittent and Constant Osteoarthritis Pain (ICOAP) Questionnaire in Iranian Patients with Knee Osteoarthritis, M.Sc.-Sara Hojat Panah: 2014 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences). Collaboration with University of Toronto (Canada): Prof. G. Hawker
13. Reliability & Validity of Persian Version of the Knee Outcome Survey (KOS) Questionnaire in Iranian Patients with Knee Osteoarthritis, B.Sc.-Zohre Shafizadegan, Fatemeh Naraghi, Milad Ataeian: 2014 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences and Student Research Committee of Faculty of Rehabilitation Sciences: Treata).
14. The Effect of Shoulder Kinesiotaping® on the Pain and Disability in Shoulder Impingement Syndrome, B.Sc.-Robabe Ahmadi: 2014 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences and Student Research Committee of Faculty of Rehabilitation Sciences: Treata).

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RESEARCH STUDENTS CO-SUPERVISED:

1. The effect of manipulation and manipulation with exercise on the pain and function of acute LBP patients, M.Sc.-Sajjad Amel Eini, Dr. Abdolkarim Karimi: 2014 Collaboration with University of North Georgia (USA): Prof. MR. Nourbakhsh

RESEARCH STUDENTS ADVISOR

1. The effect Dry Needling on radiating pain in discopathy LBP patients, M.Sc.-Ashraf Mahmudzadeh, Dr. Abdolkarim Karimi: 2013

COURSES TAUGHT:

Undergraduate

- Physiotherapy
 - Biomechanics & Kinesiology of Upper Extremity (Kinesiology 2)
 - Biomechanics & Kinesiology of Lower Extremity (Kinesiology 3)
 - Physical Therapy in Rheumatologic Diseases
 - Physical Therapy in Cardiovascular & Respiratory Diseases
 - Physical Therapy in Surgery
 - Physical Therapy in Orthopedic Diseases (Shoulder joint)
 - Proprioceptive Neuromuscular Facilitation (PNF= Exercise Therapy 2)
 - Exercise Therapy in Neurological Clients (Exercise Therapy 3)
 - Field Clinical Internship Trainer at Amin and Navab Hospitals, Isfahan (Isfahan University of Medical Sciences)
 - Seniors
 - Juniors
 - Observers
- Field Clinical Internship Trainer at Firuzgar Hospital, Tehran (Iran Medical University)
 - Seniors
 - Juniors
- Biomedical Engineering: principal of physiotherapy (Isfahan University)

Graduate

- Exercise Physiology
- Gait biomechanics
- Introduction to laboratory equipments for physical therapy graduate students
- Research Method
- Field Clinical Internship Trainer at Amin Hospital, Isfahan (Isfahan University of Medical Sciences)
- Patho-physiology of musculoskeletal system (Corrective movement & physical education: Azad University of Khorasgan)

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HONORS AND GRANTS

- Ranked 410th in the national examination for undergraduate admission, Iran, 1998.
- Top Student in Physical Therapy. Shiraz Medical University, Shiraz, Consecutive Years 2001 and 2002.
- Ranked 4th in Physical Therapy in national examination for graduate admission(masters degree), Iran's ministry of science, research and technology universities, Iran, 2002
- Grant form Iran Blood Transfusion Organization for M.Sc. Thesis. 2004
- Top Student in Physical Therapy M.Sc. TMU, Tehran, 2005
- Ranked 1st in Physical Therapy in national examination for graduate admission (Ph.D.), Iran's ministry of science, research and technology universities, Iran, 2006
- Top Student in Physical Therapy Ph.D. TMU, Tehran, 2011
- Research Opportunity for PhD Candidates by Iran's Ministry of Health, Biophysics of Bone and Cartilage Research Group, University of Eastern Finland, Kuopio, Finland. 2010-2011
- OARSI 2011 Scholarship, Institute of Bone and Joint Research (IBJR), Royal North Shore Hospital, University of Sydney, Sydney, Australia. 2012.
- Best PhD Thesis in Medical Sciences, Fifteenth Annual Festival for Best Student Thesis, Iranian Students Book Agency, 2012
- Top Technology Idea (KAMA Software), First Annual Research Festival, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, 2014
- Top Journal Reviewer (JRRS), First Annual Research Festival, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, 2014
- Top Research Proposal Examiner, First Annual Research Festival, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, 2014

OTHER

- Student Research Committee Board of Shiraz University of Medical Sciences (Faculty of Rehabilitation Sciences)-1999-2002
- Registered PT in Iran Medical Council: No: 2526
- Executive Committee of 19th Iranian Physical Therapy Congress- May 2008- Tehran-Iran
- Student Research Committee Board of Tarbiat Modares University (Faculty of Medical Sciences)- 2008-2010
- Question designer in national examination for graduate admission (masters degree) in physical therapy, Iran's ministry of science, research and technology universities, Iran, 2008-2012
- Question designer in national examination for graduate admission (masters degree) in physical therapy, Iran's ministry of health, treatment and medical education, Iran, 2010-present
- Internal Manager of JRRS (peer reviewed, the top ranked journal in rehabilitation in Iran), 2012-2014
- Associated Editor of JRRS, 2014-present
- The Head of Knee Research Nucleus, Isfahan University of Medical Sciences, Faculty of Rehabilitation Sciences, 2012-2015
- The Founder, Head & Academic Coordinator of Rehabilitation Student's Research Center (Treata)- Isfahan University of Medical Sciences, Faculty of Rehabilitation Sciences, 2013 –present
- Student Research Council, Isfahan University of Medical Sciences, 2013-present
- Vice Head of research, Isfahan University of Medical Sciences, Faculty of Rehabilitation Sciences, 2014-present

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- Research council, Isfahan University of Medical Sciences, Faculty of Rehabilitation Sciences, 2014-present
- Technology club, Isfahan University of Medical Sciences, 2014-present
- Publication council, Faculty of rehabilitation Sciences, Isfahan University of Medical Sciences, 2014-present
- Examiner of more than 10 M.Sc. research thesis
- Referee for more than 50 research project