

## Curriculum Vitae



**Zahra Sadat Rezaeian**  
Assistant Professor

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**Publications:**

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### RESEARCH IDs

Item	Value	Web address
ORCID	0000-0002-7315-9851	<a href="http://orcid.org/0000-0002-7315-9851">http://orcid.org/0000-0002-7315-9851</a>
Researcher ID	I-7720-2015	<a href="http://www.researcherid.com/rid/I-7720-2015">http://www.researcherid.com/rid/I-7720-2015</a>
Scopus Author ID	34975847400	<a href="https://www.scopus.com/authid/detail.uri?authorid=34975847400">https://www.scopus.com/authid/detail.uri?authorid=34975847400</a>
Publons	1444487	<a href="https://publons.com/a/1444487/">https://publons.com/a/1444487/</a>

### EDUCATION AND TRAINING

Institution and Location	Degree (if applicable)	Start Date	Completion Date	Field of Study
Tarbiat Modares University, Tehran, Iran.	Ph.D.	07/2006	11/2011	Physical Therapy
Tarbiat Modares University, Tehran, Iran.	M.P.T.	07/2002	03/2005	Physical Therapy
Shiaz University of Medical Sciences, Shiraz, Iran.	B.P.T.	07/1998	05/2002	Physical Therapy

### RESEARCH INTEREST

I am focused on basic and clinical research on osteoarthritis. Osteoarthritis is one of the most debilitating diseases around the world that imposes considerable social and economic burden. According to my masters' thesis and my clinical and teaching background, I am also interested in cardiovascular dynamics. To stick into my main research field, I study cardiovascular system changes in the process of joint deterioration in subjects suffering from osteoarthritis.

### Fingerprints

Osteoarthritis|Tissue and Joint Biomechanics|Gait and Motion Analysis|Exercise and Training|Manual Techniques|Physical Therapy Approaches|

### HONORS AND AWARDS

- 2020** The best oral presentation: Design and developing four games for rehabilitation of the wrist complex and forearm complex. 5<sup>th</sup> International Congress of Computer Games; Challenges and Opportunities with special focus on therapeutic games, 19 Feb 2020, University of Isfahan, Isfahan, Iran.
- 2019** Top Reviewer, Iranian Journal of Medical Sciences (IJMS).
- 2018** Top Reviewer, Iranian Journal of Medical Sciences (IJMS).  
Grant Award (3000 USD) for State Research' Week Exhibition, Isfahan University of Medical Sciences.
- 2017** Acknowledged Faculty Vice Chancellor of Research, Isfahan University of Medical Sciences, Isfahan, Iran.  
The Best Oral Presentation: Does Modalities Routinely Used in Physical Therapy of Knee Osteoarthritis Improve Joint Structure and Function? An Experimental Basic-Applied Study. 2nd International and 4th National Congress of Wound and Tissue Repair, 25-27 October 2017, Tehran, Iran.
- 2016** The Best Physical Therapist of Isfahan Province, Ave Sina Memorial Festival (Commemoration of Physician's Day), 25 Aug 2016, Isfahan Medical Council, Isfahan, Iran.  
Top Rehabilitation Idea: the Dynamic Balance Assessment System. First Health Festival for Idea Marketing, 9 Nov 2016, Technology Affairs Council, Isfahan University of Medical Sciences and National Elite Foundation, Isfahan, Iran.  
Top Rehabilitation Idea: the Safe Shoes. First Health Festival for Idea Marketing, 9 Nov 2016, Technology Affairs Council, Isfahan University of Medical Sciences and National Elite Foundation, Isfahan, Iran.  
Top Rehabilitation Idea: the Magnet Gadget for Safe Shoes. First Health Festival for Idea Marketing, 9 Nov 2016, Technology Affairs Council, Isfahan University of Medical Sciences and National Elite Foundation, Isfahan, Iran.  
Top Reviewer, The Knee, Elsevier.
- 2014** Top Technology Idea (KAMA Software), First Annual Research Festival, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.

- Top Journal Reviewer (JRRS), First Annual Research Festival, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.
- Top Research Proposal Examiner, First Annual Research Festival, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2012** Acknowledged PhD Thesis in Medical Sciences, Fifteenth Annual Festival for Best Student Thesis, Iranian Students Book Agency. Tehran, Iran.
- 2011** Top Student in Physical Therapy Ph.D. TMU, Tehran, Iran.  
Young Investigator Award (6000 USD) by Osteoarthritis Research Society International (OARSI), 2011, to travel and work in Institute of Bone and Joint Research (IBJR): Kolling Institute, University of Sydney, and Department of Rheumatology, Royal North Shore Hospital. Aug 2012-Oct 2012. Sydney. Australia. Supervisor: Pro. David Hunter
- 2010** Mobility Scholarship (7500 Euros) by Iran Ministry of Health, to travel and work in Biophysics of Bone and Cartilage Research team, University of Eastern Finland. December 2010-May 2011. Kuopio, Finland. Supervisor: Prof. Jukka Jurvelin
- 2006** Ranked 1st in Physical Therapy in national examination for graduate admission (Ph.D.), Iran's ministry of science, research and technology universities, Iran.
- 2005** Top Student in Physical Therapy M.Sc. TMU, Tehran, Iran.
- 2002** Top Student in Physical Therapy. Shiraz Medical University, Shiraz, Iran.  
Ranked 4th in Physical Therapy in national examination for graduate admission (Masters' degree), Iran's ministry of science, research and technology universities, Iran.
- 2001** Top Student in Physical Therapy. Shiraz Medical University, Shiraz, Iran.
- 1998** Ranked 410th in the national examination for undergraduate admission, Iran.

## POSITIONS AND EMPLOYMENT

- 2020-Present** Academic Editor, Journal of Rehabilitation Research and Practice, Middletown, DE, USA.  
Development Manager, Rehabilitation Section, Shahrudi Digital Health Centre, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2019-Present** Supervisor, Osteoarthritis National Authority Program, Isfahan University of Medical Sciences, Isfahan, Iran.  
Assistant Professor, Department of Palliative Care, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2018-Present** The Supervisor for International Students, Department of Physical Therapy, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.  
Editor in Chief, Journal of Research in Rehabilitation Sciences, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2016-Present** Committee Member, Specialized Committee on Female Health, Isfahan Provincial Government, Isfahan, Iran.  
Committee Member, Journal Supervision and Evaluation Workgroup, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2014-Present** Board Member, Musculoskeletal research center, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2012-Present** Assistant Professor, Department of Physical Therapy, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2019-2020** Cardiac Rehabilitation Supervisor and Chief Physical Therapist (Implementing the Curriculum for a Cardiac Rehabilitation Field Course for Undergrad Physical Therapy Students), Cardiac Rehabilitation Unit, Chamran Cardiac Specialized Hospital and Cardiovascular Research Center, Isfahan, Iran.
- 2018-2019** Head of Department of Physical Therapy, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.  
General Rehabilitation Clinical Supervisor and Chief Physical Therapist, Physical Therapy Clinic, Sedighe Tahere Comprehensive Rehabilitation Unit, Isfahan, Iran.  
Inaugurators Board Member of the Department of Palliative Care, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2017-2018** Chair, International Affairs Office, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.  
Technology Invited Supervisor, Novin Medical Engineering Company, Khomeini Shahr Science and Technology City, Isfahan, Iran.
- 2015-2018** Associate Editor, Journal of Research in Rehabilitation Sciences, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2014-2018** Vice Head of Research, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.  
Committee Member, Research Council, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.  
Committee Member, Technology club, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2012-2018** Inaugurator, Clinical Supervisor and Chief Physical Therapist, Specialized Rehabilitation Unit for Upper Extremity and Cervical Disorders, Amin Hospital, Isfahan, Iran.  
General Rehabilitation Clinical Supervisor and Chief Physical Therapist, Physical Therapy Clinic,

- Amin Hospital. Isfahan, Iran.
- 2014-2016** Committee Member, Publication Council, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2013-2015** Committee Member, sStudent Research Council, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2012-2015** Head of Knee Research Nucleus, Isfahan University of Medical Sciences, Faculty of Rehabilitation Sciences, Isfahan, Iran.  
Inaugurator, and Head of Treata (Rehabilitation Students Research Committee), Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2012-2014** Internal Manager of Journal of Research Rehabilitation Sciences, Isfahan, Iran.
- 2005-2006** Clinical Lecturer, Firuzgar Hospital, Faculty of Rehabilitation, Iran University of Medical Sciences, Tehran, Iran.
- 2002-2012** Lecturer, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.

## PUBLICATIONS AND CONTRIBUTIONS

### Peer-reviewed papers

- 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]
- 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]
- 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]
- 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]
- 2020** Nasr Isfahani Z, Moradi Shahr Babak Z, Garousi H, **Rezaeian ZS**. Design and developing four games for rehabilitation of the wrist complex and forearm complex: action research. J Res Rehabil Sci 2020 Feb 19; 15(6): [Article in Press].
- Haddadi Esfahani N, Dommerholt J, **Rezaeian ZS**. Core Muscles Endurance in Sedentary Staffs with and without Nonspecific Chronic Low Back: A Cross-sectional Study. Muscles, Ligaments Tendons J 2020; [Accepted Manuscript].
- Shahm Mahmoodi T, Izadi Laybidi S, Rahimi AR, Bokae F, **Rezaeian ZS**. Rehabilitation in subjects with chronic non-specific low back pain with sacroiliac joint origin: Protocol for a Systematic Review. Muscles, Ligaments Tendons J 2020 Dec 16; 10 (4):734-739. DOI: 10.32098/mltj.04.2020.21
- Izadi Laybidi S, Shahm Mahmoodi T, Rahimi AR, Bokae F, **Rezaeian ZS**. Therapeutic Electrical Stimulation Currents in Chronic Non-specific Low Back Pain: Designing a Systematic Review. Muscles, Ligaments Tendons J 2020 Sep 30; 10(3): 493-498. DOI: 10.32098/mltj.03.2020.19
- Mansouri Jamshidi K, Jalali S, Roghani, T, Sarhan G, Azadeh H, **Rezaeian ZS**. Gastrocnemius Kinesiotaping to Improve Dynamic Balance Performance in Middle-Age Healthy Men: Protocol of Randomized Controlled Trial. Muscles, Ligaments Tendons J 2020 Sep 30; 10(3): 430-435. DOI: 10.32098/mltj.03.2020.11.
- Ataeian M, Shafizadegan Z, Rahnemai-Azar AA, Irrgang JJ, **Rezaeian ZS**. Development of Persian version of Knee Outcome Survey for Daily Activities, Iranian Journal of Medical Sciences, 2020 Aug 15; [Article in Press]. DOI: [10.30476/IJMS.2019.72487](https://doi.org/10.30476/IJMS.2019.72487).
- Ganjeh S, **Rezaeian ZS**, Mostamand J. Low Level Laser Therapy in Knee Osteoarthritis: A Narrative Review. Advances in Therapy, 2020 July 03; 37(8): 3433-3449. DOI: [10.1007/s12325-020-01415-w](https://doi.org/10.1007/s12325-020-01415-w).
- Mohamadi S, Ebrahimi I, Salavati M, Dadgooa M, Jafarpishehd AS, **Rezaeian ZS**. Attentional demands of postural control in chronic ankle instability, copers and healthy controls: A Controlled Cross-sectional Study, Gait and Posture, 2020 April 25; 79(2020): 183-188. DOI: [10.1016/j.gaitpost.2020.03.007](https://doi.org/10.1016/j.gaitpost.2020.03.007).
- 2019** Goosheh M, Shafizadegan Z, **Rezaeian ZS**, Salamehzadeh F, Baharlouei H. Comparing the immediate effect of chin tuck and turtle exercises on forward head posture: a single blind randomized clinical trial. Polish Annals Med 2019 Sept 17; 26(1):8-13.
- Haddadi Esfahani N, Dommerholt J, **Rezaeian ZS**. The number of repetitions of the McGill tests to reliably determine core muscle endurance in subjects with and without chronic nonspecific low back pain: a Cross Sectional Study. Med Sci 2019 June 5;23(98):452-461.
- Afkhami Z, Mirbod S M, **Rezaeian ZS**, Sarhan G, ShirYazdi S M, Baharluee H. Effect of a rehabilitation program with or without kinesio tape on shoulder pain and function after mastectomy in women with breast cancer. Iran J Breast Dis 2019 Feb 18;11(4):7-16.
- 2018** Sedighi-Pashaki M, Akbari-Aghdam H, Radi M, Callaghan MJ, Rezaeian ZS. Design of a clinical trial to determine the effects of low level laser on pain and function in patellofemoral pain syndrome: Protocol for a Triple-Blinded Randomized Clinical Trial. J Res Rehabil Sci 2018 Dec 6; 14(5): 307-14.
- Ferdowsi F, **Rezaeian ZS**. Evaluating equilibrium in anterior cruciate ligament reconstruction. J Phys Ther Sci 2018 May 8;30(5):726-9.
- Sheibani S, Mirbod SM, Rezaeian ZS, Abbasi M, Akbari-Aghdam H. Comparing the effect of continues and

- intermittent physiotherapy on the pain and function in moderate knee osteoarthritis; A Pilot Randomized Clinical Trial Study. *J Res Rehabil Sci* 2018; 14(4): 189-98.
- Panahi M, Mirbod SM, Rezaeian ZS. Evaluation of static force sense of knee flexor muscles after the reconstruction of the anterior cruciate ligament: A Cross-Sectional Study. *J Res Rehabil Sci* 2018; 14(3): 151-9.
- 2017** Pourmomeny AA, **Rezaeian ZS**, Soltanmohamadi M. Translation and linguistic validation of the Persian version of the Bristol Female Lower Urinary Tract Symptoms instrument. *Int Urogynecol J* 2017 Sep; 28(9):1329-33.  
**Rezaeian ZS**, Smith MM, Skaife TL, Harvey WF, Gross KD, Hunter DJ. Does Knee malalignment predict the efficacy of realignment therapy for patients with knee osteoarthritis? *Int J Rheum Dis* 2017 Oct; 20(10):1403-1412.
- 2016** Fattahi L, **Rezaeian ZS**. The immediate effects of conventional physical therapy on the knee joint load in subjects with moderate knee osteoarthritis; A Preliminary Single Blinded Randomized Control Trial. *J Rehab Sci Res* 2016 March 20; 2(4):71-79  
Melyanian B, Niki Z, **Rezaeian ZS**. The effect of symmetrical involvement of the knee joints in moderate osteoarthritis on individuals' report of pain and function (Part One of a Preliminary Study): Intermittent and Constant Osteoarthritis Pain Measure. *J Res Rehab Sci* 2016 March 11; 11(6):375-83.  
Niki Z, Melyanian B, **Rezaeian ZS**. The effect of symmetrical involvement of the knee joints in moderate osteoarthritis on individuals' report of pain and function (Part Two of a Preliminary Study): Knee Injury and Osteoarthritis Outcome Score. *J Res Rehab Sci* 2016 March 11; 11(6):384-92.  
Hojat Panah S, Baharlouie H, **Rezaeian ZS**, Hawker G. Cross-cultural adaptation and validation of the Persian version of the Intermittent and Constant Osteoarthritis Pain Measure for the knee. *Iranian J Nursing Midwifery Res* 2016;21(4):417-23  
Mahmoudzadeh A, **Rezaeian ZS**, Karimi A, Dommerholt J. The effect of dry needling on the radiating pain in subjects with discogenic low-back pain: A randomized control trial. *J Res Med Sci* 2016;21(1): 86-95.  
Amel Eini S, **Rezaeian ZS**, Karimi A. The effects of supplementary exercise therapy on the functional disability and pain in subjects with acute nonspecific low back pain: a randomized single-blind clinical trial. *J Res Rehab Sci* 2016 June 1; 12(2):106-115  
Pirhayati M, Fereshtenejad N, **Rezaeian ZS**. Mechanical energy of lower extremity during gait in women with various severities of knee osteoarthritis: Case-Control Study. *J Res Rehab Sci* 2016 Dec 13; 12(3):140-151.
- 2015** Shafizadegan Z, Karimi MT, Shafizadegan F, **Rezaeian ZS**. Evaluation of ground reaction forces in patients with various severities of knee osteoarthritis. *J Mechanic Medicine Biol (JMMB)* 2015; 16(1). 165003-15.  
Khaleghi Panah M, Saraf Zadeh J, **Rezaeian ZS**. The effect of six-week home-based toe-in walking exercise on single leg hop test and figure of eight test records in subjects with anterior cruciate ligament injury: pilot study. *J Res Rehab Sci* 2015 Aug 22; 11(2):142-59.
- 2014** 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  
Shafizadegan Z, Karimi MT, Shafizadegan F, **Rezaeian ZS**. The effect of knee osteoarthritis severity on spatiotemporal parameters of the female gait: a pilot study. *J Res Rehab Sci* 2014; 10(5):637-651.
- 2013** 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. *J Res Rehab Sci* 2013;9(5):805-817
- 2012** **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. *J Res Rehab Sci* 2012; 8(2):310-27
- 2008** **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. *J Res Rehab Sci* 2008; 4(1):11-19.
- 2007** **Rezaeian ZS**, Torkaman G, Nadali F, Ravanbod R, Nejatian M, Goushe B, Broumand MA, Pourfathollah AA. Effect of physical fitness on blood coagulation in healthy young men. *Harkat* 2007; 30:43-57.
- 2006** **Rezaeian ZS**, Torkaman G, Ravanbod R, Goushe B, Nejatian M. Effect of aerobic training on functional capacity in young men. *J Res Rehab Sci* 2006;1(2):23-29.  
**Rezaeian ZS**, Torkaman G, Nadali F, Ravanbod R, Pourfathollah AA, Goushe B, Nejatian M, Broumand MA. Effect of physical fitness on coagulant activity in healthy young men. *Pakistan Journal of Biological Sciences* 2006; 9(11):2032-2039.  
**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.

#### Invited reviews

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#### Oral presentations

- 2020** Nasr Isfahani Z, Moradi Shahr Babak Z, Garousi H, **Rezaeian ZS**. Design and developing four games for rehabilitation of the wrist complex and forearm complex, 5th International Congress of Computer Games;

- Challenges and Opportunities with special focus on therapeutic games, 19 February 2020, University of Isfahan, Isfahan, Iran
- 2016** Mahmoudzadeh A, Karimi A, **Rezaeian ZS**. The immediate effect of dry needling on the myofascial and discopathic radiating low back pain. 2016-world congress of lumbopelvic pain: 9th Interdisciplinary World Congress on Low Back & Pelvic Girdle Pain, October 31-November 3 2016, Marin Bay Sands, Singapore.
- 2014** Ravand M, Attarbashi B, Meraci MR, Ravand MR, **Rezaeian ZS**. Persian Version of the Seattle Angina Questionnaire. Second Iranian Cardiovascular Joint Congress, 25-28 Feb 2014, Tehran, Iran.
- 2013** **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.
- 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 Anterior Cruciate Ligament Transection. ORS 2013 Annual Meeting, Orthopaedics Research Society, 26-29 Jan 2013, San Antonio, Texas, USA.
- 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, Eighth Combined Meeting of ORS, 13-16 Oct 2013, Venice, Italy
- 2011** **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
- 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
- 2009** Ravanbod R, Torkaman G, Goosheh B, Fallahi F, Hedayati M, **Rezaeian Z**. Inflammatory markers and atherosclerosis. Third Iran-Arab (Middle East) Cardiovascular Congress. 12-15 March 2009, Kish, Iran.
- 2006** **Rezaeian ZS**, Torkaman G, Nadali F, Ravanbod R, Nejatian M, Goushe B, Broumand MA, Pourfathollah AA. Effect of aerobic training on coagulant activity of FVIII in healthy young men. Emirates Physiotherapy Conference; 29 April-1 May 2006; Dubai; UAE.
- 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.
- 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.
- 2005** **Rezaeian ZS**, Torkaman G, Nadali F, Ravanbod R, Goushe B, Nejatian M, Broumand MA, Pourfathollah AA. 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.
- Rezaeian ZS**, Torkaman, Nadali F, Ravanbod R, Goushe B, Nejatian M, Broumand MA, Pourfathollah AA. 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.
- 2004** **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.

#### Keynote Lectures

- 2020** **Rezaeian ZS**. Rehabilitation Strategies in Palliative Care. Palliative and Supportive Care Seminar, 1 Jan 2020, Isfahan University of Medical Sciences, Isfahan, Iran
- 2019** **Rezaeian ZS**, TMJ Kinesiology, Biomechanics and Pathomechanics of TMJ, 15 Nov 2019, Faculty of Dentistry, Isfahan University of Medical Sciences, Isfahan, Iran.
- Rezaeian ZS**. Rehabilitation Strategies for Spinal Muscular Atrophy (SMA). Spinal Muscular Atrophy Seminar, 27 June 2019, Alzahra Hospital Research Center, Isfahan, Iran.
- 2017** **Rezaeian ZS**, Shafizadegan Z, Pirhayati M, Niki Z, Fattahi L. How Knee Osteoarthritis Progression Alters Gait Biomechanics in Females. 2<sup>nd</sup> National Clinical Movement Sciences Congress, 12-14 December 2017, Ahvaz, Iran.
- Rezaeian ZS**, Torkaman G, Sabbaghian A, Esteki A, Ravanbod R, Dadpey M. Does Modalities Routinely Used in Physical Therapy of Knee Osteoarthritis Improve Joint Structure and Function? An Experimental Basic-Applied Study. 2<sup>nd</sup> International and 4<sup>th</sup> National Congress of Wound and Tissue Repair, 25-27 October 2017, Tehran, Iran.
- Rezaeian ZS**, Torkaman G, Sabbaghian A, Esteki A, Ravanbod R, Dadpey M. Studying & Comparing The Effect of the 1 MHz. Pulsed Ultrasonic Wave & Ga-Al-As 810 nm Low Level LASER to Improve the Cartilage Biomechanical Properties & Knee Joint Complex Coefficient of Friction in Rabbit Experimental OA. National Congress on Osteoarthritis: from Research to Practice, 20-22 September 2017, Isfahan, Iran.
- Rezaeian ZS**. Aquatic Exercise for Hemophilia. International Congress on Thrombosis and Hemostasis of Iran, 26-28 July 2017. Tehran, Iran.
- 2016** **Rezaeian ZS**. The Clinical Value of Aquatic Exercises in Lower Extremity Osteoarthritis. 1<sup>st</sup> Seminar on Physiotherapy in Musculoskeletal Disorders, 24-25 November 2016, Tehran, Iran.
- 2015** **Rezaeian ZS**. The Essence of Considering Tissue Biomechanics in Musculoskeletal Researches. 26<sup>th</sup> Annual

Meeting of Iran Physical Therapy Association, 22-24 April 2015, Tehran, Iran.

**Rezaeian ZS.** Hemophilia Gait. Comprehensive National Physiotherapy and Nursing Conference on Hemophilia and Hemorrhagic Disorders, 3 December 2015-1 Jan 2016, Kish, Iran.

### Poster Presentations

- 2017** Goosheh M, **Rezaeian ZS**, Baharloohi H, Shafizadegan Z, Salame Zade F. Correlation between daily habits of using electronic devices and simple postural exercises for improving forward head posture. The 1<sup>st</sup> International & 28<sup>th</sup> Annual Iranian Physiotherapy Association Congress, 23-25 May 2017, Tehran, Iran.  
**Rezaeian ZS**, Pourmomeni AA. Reliability and Validity of the Persian Language Version of International Consultation on Incontinence Questionnaire-Male Lower Urinary Tract Symptoms (ICIQ-MLUTS). 20<sup>th</sup> Congress of Iranian Urological Association. 23-26 May 2017, Tehran, Iran.  
 Hojat Panah S, **Rezaeian ZS**. Pain measurement in osteoarthritis: Narrative Review. National Congress on Osteoarthritis: from Research to Practice, 20-22 September 2017, Isfahan, Iran.  
 Niki Z, **Rezaeian ZS**, Prior Y, Sadeghi-Demneh E. Postural Stability in Subjects with Various Severities of Knee Osteoarthritis. National Congress on Osteoarthritis: from Research to Practice, 20-22 September 2017, Isfahan, Iran.  
 Fattahi L, **Rezaeian ZS**. The Immediate Effect of Conventional Physical Therapy on the Knee Joint Load in Subjects with Moderate Knee Osteoarthritis. National Congress on Osteoarthritis: from Research to Practice, 20-22 September 2017, Isfahan, Iran.  
 Pirhayati M, Fereshtenejad N, Lobet S, **Rezaeian ZS**. The Study of the Gait Mechanical Energy of Lower Extremity in Women with Various Severities of Knee Osteoarthritis. National Congress on Osteoarthritis: from Research to Practice, 20-22 September 2017, Isfahan, Iran.
- 2016** Amel Eini S, Karimi A, **Rezaeian ZS**. The immediate effect of spinal manipulation on pain intensity in acute low back pain. 2016-World Congress of Lumbopelvic Pain: 9th Interdisciplinary World Congress on Low Back & Pelvic Girdle Pain, October 31-November 3 2016, Marin Bay Sands, Singapore.
- 2014** Shafizadegan Z, **Rezaeian ZS**. How Knee Osteoarthritis May Change Gait Biomechanics: a review study. EORS 2014 Annual Meeting, 2-4 July 2014, Nantes, France.  
 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  
**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  
 Ravand M, Attarbashi B, **Rezaeian ZS**. SAQ: A reliable & valid instrument in cardiac patients. Second Iranian Cardiovascular Joint Congress, 25-28 Feb 2014, Tehran, Iran.

### Books

- 2019** “Exercise Therapy with CPM, Physical Therapy: Methods and Indications Series by Novin Medical Engineering Company, Yekta Publications, 1399.
- 2010** Karimi AK, “A New Concept in Low Back Pain” (Collaboration in Edit)

### Translations

- 2005** “The Back Book”- Translation into Persian

### Encyclopedia

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### Grants

- 2020** Knee Osteoarthritis Excellence in Research Nucleus.; 2018 (Vice Chancellery of Research and Technology, Isfahan University of Medical Sciences; Approved, Grant Number: under process).  
 Ergonomic Screening of Female Employees of City Campus of Isfahan University of Medical Sciences (Dean, Isfahan University of Medical Sciences; Approved, Grant Number: under process).
- 2019** The effect of Low Level Laser Therapy on pain and function in non-athlete subjects with knee osteoarthritis: an umbrella review, M.Sc. Soheila Ganje.; 2018 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences; Grant Number 298102: **Collaboration with Manchester Metropolitan University: Prof. M. J. Callaghan and University of Eastern Finland, Prof. Rami Korhonen**).
- 2018** Systematic review of the effect of rehabilitation on the pain and function in subjects with chronic non-specific low back pain with sacroiliac joint origin, M.Sc. Tarane Shah Mahmudi.; 2018 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences; Grant Number: 297122). **Collaboration with PhysioFitness (USA): Prof. J. Dommerholt**.  
 Systematic review on the effect of electrical stimulation currents on the pain and function in subjects with chronic non-specific low back pain, M.Sc.; Sepide Izadi: (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences; Grant Number: 297051). **Collaboration with University of Seville (Spain): Prof. Manuel Albornoz-Cabello**.  
 The Effect of Low Level Laser Therapy on Pain and Function in Patellofemoral Pain Syndrome, M.Sc.; Mohammad Sedighi: (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences; Grant Number: 297030). **Collaboration with Manchester Metropolitan University: Prof. M. J. Callaghan**.
- 2015** Immediate Effect of Supplementary Treadmill Walking and Cycle Ergometer Exercises with Conventional Physical therapy on the Pain and Function in Patients with Moderate Knee Osteoarthritis, 2015 (Clinical

- Research Council, Vice Chancellery of Research and Technology; Grant Number: 193079). **Collaboration with University of Otago (New Zealand): Pro Haxby Abbott.**
- 2011 OARSI 2011 Young Investigator Scholarship, Institute of Bone and Joint Research (IBJR), Royal North Shore Hospital, University of Sydney, Sydney, Australia. 2012.
- 2010 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).
- 2004 Iran Blood Transfusion Organization (for M.Sc. Thesis.)

#### RESEARCH PROJECT COLLABORATION

- 2020 The investigation of association between physical function and age-related hyperkyphosis in older women (a systematic review). M.Sc. Thesis by Marzieh Mehrabi; Dr. Tayebeh Roghani: 2020 (**Isfahan University of Medical Sciences**, Department of Physical Therapy; Grant Number: )
- 2019 Design and Analysis of a Three-Compartment Unloader Knee Brace. M.Sc. Thesis by Nazanin Naseri.; Dr. Hamid Sadeghian: 2019 (**University of Isfahan**, Department of Medical Engineering)  
Comparison of the Effect of Acupressure and Transcutaneous Electric Acupoint Stimulation on Severity of Pain, Nausea and Vomiting and Hemodynamic Status after Laparoscopic Cholecystectomy: M.Sc. Thesis by Maryam Nazari; 2019 (**Sari University of Medical Sciences**, Department of Operating Room).
- 2018 Smart Unit for Wrist and Hand Rehabilitation: Dr. Hamid Sadeghian, Ali Barkatein. **Collaboration with Isfahan University of Technology, Faculty of Mechanics.**  
Electronic Dynamic Balance Test Unit: Dr. Hamid Sadeghian. **Collaboration with Isfahan University of Technology, Faculty of Mechanics.**  
Hand-Arm Robotic Rehabilitation Unit: Dr. Hamid Sadeghian. **Collaboration with Isfahan University of Technology, Faculty of Mechanics.**
- 2017 Comparing the effect of continues and intermittent physical therapy on the pain and function in moderate knee osteoarthritis (Pilot Randomized Clinical Trial): M.Sc. Thesis by Shahbaz Sheibani, Seyyed Mohsen Mirbod: 2017 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences; Grant Number: 396436).  
Comparing the static force sense of hamstring muscles in the knee with ACL reconstruction and intact knee: M.Sc. Thesis by Mahmud Panahi.; Seyyed Mohsen Mirbod: 2017 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences; Grant Number: 396604).
- 2016 Comparing the immediate effect of Chin Tuck and Turtle exercises on forward head posture: a single blind randomized clinical trial: Student Research Project by Meysam Goosheh, Hamze Baharluei (Isfahan Student Research Committee; Grant Number: 13941218). **Collaboration with ISRC.**  
Development of smart Shoulder-wheel, M.Sc. Thesis by Maryam Rezayat, Dr. Ali Moallem. **Collaboration with Isfahan University, Faculty of Medical Engineering.**  
The Effect of program 11+ modified on balance, range of motion, proprioception and the strength of the ankle in young elite male basketball players. M.Sc.; Mehdi Akhlaghi, Dr. Nader Rahnama: 2016 (Azad University, Khorasan Branch).  
The effect of Kinesiotaping on the pain and shoulder function in women after breast cancer surgery. M.Sc.; Zahra Afkhami, Seyed Mohsen Mirbod: 2016 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences; Grant Number: 396347). **Collaboration with International Kinesiotaping Association (USA): Dr. G. Sarhan.**  
The immediate and short-term effect of Facilitatory kinesiotaping of gastrocnemius on electrical activity of the muscle and dynamic balance in healthy nonathletic adult men (semi-experimental pilot study). M.Sc.; Kiarash Mansouri Jamshidi, Dr. Hamid Azadeh: 2016 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences; Grant Number: 395814). **Collaboration with International Kinesiotaping Association (USA): Dr. G. Sarhan.**
- 2015 Reliability & Validity of Persian Version of the Lower Urinary Tract Symptom Questionnaire (ICIQ-LUTS) in Iranian Patients, Abbas Ali Pourmomeni, Hamzeh Baharluei (Clinical Research Council, Vice Chancellery of Research and Technology; Grant Number: 194011). **Collaboration with ICIQ.**  
Reliability & Validity of Persian Version of the Quality of Life Questionnaire in Lower Urinary Tract Symptom (ICIQ-LUTS-QoL) in Iranian Patients, Abbas Ali Pourmomeni, Hamzeh Baharluei (Clinical Research Council, Vice Chancellery of Research and Technology; Grant Number: 194010). **Collaboration with ICIQ.**  
Virtual Reality Training for Rehabilitation of LBP. Seyyed Mehdi Mirbagheri, Ashraf Mahmudzade: Collaboration with Tehran University of Medical Sciences, Medico Center and Sharif University of Technology.
- 2014 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 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences; Grant Number: 394009).
- 2013 The effect Dry Needling on radiating pain in discopathy LBP patients, M.Sc.; Ashraf Mahmudzadeh, Dr. Abdolkarim Karimi: 2013 (Musculoskeletal Research Center of Faculty of Rehabilitation Sciences; Grant Number: 393082). **Collaboration with PhysioFitness (USA): Prof. J. Dommerholt.**

#### INVENTIONS (PATENTS)

**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

## INDUSTRY LINK AND TECHNOLOGY EXPERIENCE

- 2020-Present** Kinesiohelp Innovative Center, Isfahan University of Medical Sciences, Isfahan, Iran (Approved for Development in Assistive Device HamNet: 25 Nov 2020)  
Wearable Airbags Innovative Center, Isfahan University of Medical Sciences, Isfahan, Iran (Approved for Development in Assistive Device HamNet: 25 Nov 2020)  
Star Balance Test Innovative Center, Isfahan University of Medical Sciences, Isfahan, Iran (Approved for Development in Assistive Device HamNet: 25 Nov 2020)  
Catcher Innovative Center, Isfahan University of Medical Sciences, Isfahan, Iran (Approved for Development in Assistive Device HamNet: 25 Nov 2020)  
Bus Ramp Innovative Center, Isfahan University of Medical Sciences, Isfahan, Iran (Approved for Development in Assistive Device HamNet: 25 Nov 2020)  
Elderly Cycles Innovative Center, Isfahan University of Medical Sciences, Isfahan, Iran (Approved for Development in Assistive Device HamNet: 25 Nov 2020)  
IASTM Tools Innovative Center, Isfahan University of Medical Sciences, Isfahan, Iran (Approved for Development in Assistive Device HamNet: 25 Nov 2020)  
The Package of 4 Computer Games for Rehabilitation of Wrist Complex and Forearm Complex (Digital Health HamNet, Approved for Development: 6 Oct 2020)
- 2018-Present** Physical Therapist Consultant, Novin Medical Engineering Company, Khomeini Shahr Science and Technology City, Isfahan, Iran
- 2017-Present** Collaboration in Development of Rehabilitation Equipments for Research and Practice Context, Department of Medical Engineering, Isfahan University, Isfahan, Iran  
Collaboration in various Robotic Rehabilitation Projects, Department of Mechanics, Isfahan University of Technology, Isfahan, Iran
- Apr 2017 - Apr 2018** Technology Invited Supervisor, collaboration with Novin Medical Engineering Company, Khomeini Shahr Science and Technology City, Isfahan, Iran
- 2014-Present** Gait Analysis Software Package (RehabMax: formerly named KAMA)

## PROFESSIONAL SERVICES

### Editorial Services

- 2020** Academic Editor, Journal of Rehabilitation Research and Practice Academic Editor  
Editor in Chief
- 2012** Various positions, Journal of Research in Rehabilitation Sciences (JRRS) Associate Editor  
Internal Manager

### EXTERNAL REVIEWER:

#### Reviewer (since...) in the national journals

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

#### Reviewer (since...) in the international journals

- 2020** World Journal of Clinical Cases (WJCC)  
Medical Journal of The Islamic Republic of Iran (MJIRI)  
Journal of Bodywork & Movement Therapies (JBWM)
- 2019** Advanced Biomedical Researches (ABR)  
Iranian Journal of Nursing and Midwifery Research (IJNMR)  
Journal of Clinical Rheumatology (JCR)  
Current Stem Cell Research & Therapy (CSCRT)  
Clinical Rheumatology (CLRH)
- 2018** Journal of Patient-Reported Outcomes  
Archive of Iranian Medicine (AIM)  
Middle East Journal of Rehabilitation and Health Studies (MEJRHS)
- 2017** Polish Annals of Medicine (POAMED)  
Quality of Life Research (QURE)
- 2016** Iranian Journal of Medical Sciences (IJMS)  
The Knee  
LUTS
- 2012** Journal of Research in Medical Sciences (JRMS)

### Organizing Workshops

- 2021** Basic Professional Ethics in Physical Therapy Practice: 21 Jan 2021, Isfahan University of Medical Sciences, Isfahan, Iran.



- 2020** Making Effective Research Team and International Collaboration: 16 Dec 2020, Vice Head of Research & Technology, Isfahan University of Medical Sciences, Isfahan, Iran.  
Rehabilitation Start ups: 1 Dec 2020, Vice Head of Research & Technology, Isfahan University of Medical Sciences, Isfahan, Iran.  
Selecting Proper Journals for Publication: 18 Nov 2020, Vice Head of Research & Technology, Isfahan University of Medical Sciences, Isfahan, Iran.  
Advanced Writing Article: 27 May, 10 & 24 Jun 2020, Vice Head of Research & Technology, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2019** Kinesiotaping technique, Fundamentals and Advances, 28-29 Nov 2019, Isfahan University of Medical Sciences, Isfahan, Iran.  
Pelvic Floor Dysfunction: Level 1 Pelvic Organ Prolapse and Urinary Dysfunctions, 17-18 Oct 2019, Isfahan University of Medical Sciences, Isfahan, Iran.  
Kinesiotaping technique, Fundamentals and Advances, 26-27 Sep 2019, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2017** Scientific Secretary of National Congress on Osteoarthritis: from Research to Practice, 20-22 Sep 2017 Isfahan, Iran.
- 2014** Dry Needling Workshop Series (1-4), 2013-2014, Isfahan Physical Therapy Association.  
Second International Kinesiotaping Workshop (Grade I, II & III), 17-19 Sep 2014-**International Kinesiotaping Association (USA)**, Treata, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.  
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.  
Kinesiotaping workshop, Treata, 22-23 Feb 2014, Isfahan University of Medical Sciences, Faculty of Rehabilitation Sciences, Isfahan, Iran.
- 2013** 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.  
Symposium on Application of Action Potential Simulation (APS) in Rehabilitation, IPTA, 26 Sep 2013, Deputy Ministry for Education, Isfahan, Iran.  
First International Kinesiotaping Workshop (Grade I & II), **International Kinesiotaping Association (USA)**-Treata, 15-16 Aug 2013, Isfahan University of Medical Sciences, Faculty of Rehabilitation Sciences, Isfahan, Iran.  
Symposium on Shoulder Impingement Syndrome, Isfahan Branch of Iran Physical therapy Association (IPTA) and Treata©, 25 July, 2013-Easabne Maryam Hospital-Isfahan-Iran  
Manual Concepts in Low Back Pain Workshop, 16 Mar 2013, **Manual Concept (Australia)**, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.

## TEACHING EXPERIENCE

### Bachelors

	<b>Physiotherapy</b>
<b>2020-Present</b>	Physical Therapy for Rheumatologic Disorders
<b>2019-Present</b>	Principles of Rehabilitation
<b>2018-Present</b>	Rheumatology and Skin Disorders: Since 2018.
<b>2002-2019</b>	Biomechanics &Kinesiology of Upper Extremity (Kinesiology 2) Field Clinical Internship Trainer; Navab, Amin, Sedighe Tahere and Chamran Hospitals, Isfahan University of Medical Sciences, Isfahan: Seniors, Juniors, Observers
<b>2013</b>	Physical Therapy in Orthopedic Diseases (Shoulder joint)
<b>2011-2013</b>	Physical Therapy in Surgery
<b>2008-2009</b>	Exercise Therapy in Neurological Clients (Exercise Therapy 3)
<b>2008</b>	Proprioceptive Neuromuscular Facilitation (PNF= Exercise Therapy 2)
<b>2007-2009</b>	Physical Therapy in Rheumatologic Diseases Physical Therapy in Cardiovascular & Respiratory Diseases Physical Therapy in Surgery
<b>2005-2006</b>	Field Clinical Internship Trainer, Firuzgar Hospital, Iran Medical University, Tehran: Seniors, Juniors
<b>2002-2004</b>	Biomechanics &Kinesiology of Lower Extremity (Kinesiology 3)
	<b>Biomedical Engineering</b>
<b>2013</b>	Principal of physiotherapy (Isfahan University)

### Health Education

<b>2019</b>	Principles of Rehabilitation (Faculty of Health, Isfahan University of Medical Sciences)
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### Masters

	<b>Physiotherapy</b>
<b>2013-Present</b>	Gait & Motion Biomechanics Introduction to laboratory equipments for physical therapy graduate students
<b>2012-Present</b>	Exercise Physiology
<b>2014-2015</b>	Research Method
<b>2012-2013</b>	Field Clinical Internship Trainer at Amin Hospital, Isfahan (Isfahan University of Medical Sciences)

**Corrective Movement & Physical Education**

- 2012** Pathophysiology of musculoskeletal system, Islamic Azad University, Khorasgan Branch
- PhD.**
- 2017** Pathophysiology of Cardiovascular and Respiratory Systems, Cardiovascular Research Center, Isfahan University of Medical Sciences  
Cardiac and Pulmonary Rehabilitation, Cardiovascular Research Center, Isfahan University of Medical Sciences.

**PROFESSIONAL/SCIENTIFIC ASSOCIATION MEMBERSHIP****National Licensure (member since)**

- 2013** Iranian Physical Therapy Association (IPTA: <http://www.iran-pta.ir/fa>).
- 2010** Iran National Science Foundation (INSF: <http://insf.org/en>).
- 2006** Registered PT in Medical Council of Islamic Republic of Iran, MCIRINo: 2526. (IRIMC: <https://irimc.org/en>)

**International (member since)**

- 2019** Certified Hawkgrips Practitioner (<https://hawkgrips.com/>).
- 2014** International Foot and Ankle Biomechanics (<https://moodle.i-fab.org/>).  
Certified Kinesio Taping Practitioner (<https://kinesiotaping.com/>)
- 2013** European Society of Biomechanics (ESB: <http://www.esbiomech.org/>).  
Foundation for Physical Therapy ([https://www5719.sslldomain.com/domainid127167/template/main\\_s.cfm](https://www5719.sslldomain.com/domainid127167/template/main_s.cfm)).  
Arthritis National Research Foundation (<http://www.curearthritis.org/>).
- 2012** European Orthopedic Research Society (EORS: <http://www.eors.eu/>).  
European Association for the Teaching of Academic Writing (<http://www.eataw.eu/>)
- 2011** World Confederation of Physical Therapy (WCPT: <http://www.wcpt.org/>).  
Osteoarthritis Research Society International (OARSI: <http://www.oarsi.org/>).  
International Cartilage Repair Society (ICRS: <http://www.cartilage.org/>).  
Nordic Network for Healthcare Management Research (NOHR: <http://nohmet.org/>).

**WORKSHOP AND TRAINING**

- 2019** Interdisciplinary Education (Grand Rounds), 12 Dec 2019, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
Reviewing a Patent, Vice Head of Research, Isfahan University of Medical Sciences, 21 July 2019, Isfahan, Iran.  
Instrument Assisted Soft Tissue Manipulation (IASTM), Hawkgrip Institute, 11-12 July 2019, Tehran, Iran.  
Registering a Scientific Journal in COPE, 12 June 2019, Webinar by Sinaweb Co, Iran.
- 2018** Scientometry, 11 Nov 2018, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
Strategic Planning, 28 Oct 2018, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
Virtual Education (NAVID), 27 Oct 2018, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
Road Map, 05 Jul 2018, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
Grand Round & Journal Club, 17 Jan 2018, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
Cohort Studies, 10 Jan 2018, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2017** Finding Proper Journal for Publication, 19 Dec 2017, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
Meta-analysis, 23 Nov 2017 and 01 Feb 2018, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
Ethics in Research and Scientific Publication, 17 Aug 2017, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2016** Business Plan, 21 Dec 2016, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
Copy Right, 06 Nov 2016, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
From Idea to Market, 15 Oct 2016, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
Happy Organizations (Positive Management), 27 Sep 2016, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
Action Research, 16 Sep 2016, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
Electronic Blue Print, 31 Jul 2016, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.  
ICF, 03 Sep 2016, Isfahan University of Medical Sciences, Isfahan, Iran.  
Knowledge Based Companies, 01 Feb 2016, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2015** Motion Analysis and V3D Modeling Workshop, 31 Oct-06 Nov 2015, Faculty of Rehabilitation Sciences, Shiraz University of Medical Sciences, Shiraz, Iran.  
Poster Presentation, 28 Oct 2015, Treata, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.  
Primal Pictures, 29 Aug 2015, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.  
Exercise therapy for CVA clients, 16 Apr 2015, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.  
How to Increase the Chance of Getting published, 1 March 2015, Vice Chancellery for Research and

- Technology, Isfahan University of Medical Sciences, Isfahan, Iran.
- Consideration on publication Misconduct and Conflict of Interest, 1 March 2015, Vice Chancellery for Research and Technology, Isfahan University of Medical Sciences, Isfahan, Iran.
- Ehealth Startup Weekend, 25-27 Feb 2015, Vice Chancellery for Research and Technology, Isfahan University of Medical Sciences, Isfahan, Iran.
- 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.
- 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.
- OSCE, 07 Feb 2015, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- Medical Journalism, 22 and 29 Jan and 10 Feb 2015, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2014** Systematic Review Workshop, 06 Dec 2014, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- Bias in Research, 15 Dec 2014, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- Clinical key workshop: MUI Central Library, 19 Nov 2014, Isfahan University of Medical Sciences, Isfahan, Iran.
- How to Advance Your Manuscript's Quality: Elsevier Authors Workshop, 29 Oct 2014, Tehran University of Medical Sciences, Tehran, Iran.
- Preparing Local Journals in Accordance with International Standards: Elsevier Editors Workshop, 28 Oct 2014, Tehran University of Medical Sciences, Tehran, Iran.
- How to Advance Your Journal's Quality: Elsevier Editors Workshop, 28 Oct 2014, Tehran University of Medical Sciences, Tehran, Iran.
- KT3, 19 Sep 2014-International Kinesiotaping Association, Treata, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.
- Advanced Workshop on SPSS Software, 10-11 Sep 2014, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- Cross-Over and Case Cross-Over Study Design, 08 Sep 2014, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- Endnote & Endnote web Workshop, 27-28 Aug 2014, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- Developing Technology from Research, 23-24 Aug 2014, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- 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.
- 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.
- Advanced Search Workshop, 13 Aug 2014, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- 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.
- 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.
- The Evaluation Strategies in Higher Education, 23 Jan 2014, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- Elementary Workshop on SPSS Software, 11-14 Jan 2014, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- Elementary Workshop on Teaching Methods, 9 Jan 2014, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2013** Elementary Workshop on Research Methods, 24-26 Dec 2013, EDC, Isfahan University of Medical Sciences, Isfahan, Iran.
- 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.
- 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.
- 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.
- 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.
- KT1 and 2, 15-16 Aug 2013-International Kinesiotaping Association, Treata, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.
- Manual Concepts in Low Back Pain Workshop, 16 March 2013, Manual Concept, Faculty of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran.
- Motion Analysis Workshop, 9 Jan 2013-Musculoskeletal Research Center, Isfahan University of Medical Sciences, Isfahan, Iran.

- 2012** How to choose appropriate statistical test, 10-11 July 2012-Musculoskeletal Research Center, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2011** Author and SciVerseScopus Tool for authors-Elsevier Workshop-13 April 2011-University of Eastern Finland-Kuopio Campus- Kuopio-Finland
- 2008** Experimental Animal Husbandry & Preservation; 16 December 2008, Tarbiat Modares University, Tehran, Iran.
- 2007** Physical Therapy & Cardiac Rehabilitation Elementary Workshop; 13-15 February 2007- Tehran University of Medical Sciences-Tehran-Iran
- 2006** Scientific Ethics Lecture Series; 10 Sep 2006-20 Feb 2007, Tarbiat Modares University, Tehran, Iran.  
Scientific Writing & Communication; 10 Sep 2006 -20 Feb 2007, Tarbiat Modares University, Tehran, Iran.

## REFERENCES

Available on request