

# Curriculum Vitae

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## Education

- 2004- 2008:** PhD, Prosthetics & Orthotics, University of Strathclyde
- Thesis title: The Orthominder, a new approach toward Low Back Pain
- 1998- 2001:** MSc, Prosthetics & Orthotics, University of Welfare and Rehabilitation Sciences, Tehran, Iran
- First rank student
  - MSc thesis: Effect and Consequences of Milwaukee Brace on Idiopathic Scoliosis
- 1992 – 1996:** BSc, Prosthetics & Orthotics, School of Rehabilitation Sciences, Iran University of Medical Sciences
- First rank student
  - BSc project: Gait analysis

## Work Experience

- 2013-Present:** Vice Research, School of Rehabilitation Sciences, Iran University of Medical Sciences
- 2016-Present:** Associate Prof., School of Rehabilitation Sciences, Iran University of Medical Sciences
- 2008-2016:** Assistant Prof., School of Rehabilitation Sciences, Iran University of Medical Sciences
- 2009-2010:** Vice Research, School of Rehabilitation Sciences, Iran University of Medical Sciences
- 2009-Present:** Director of Kamyab Orthotics and Prosthetics Clinic, Focusing on Spinal orthotics providing more than 4000 O&P services to the clients
- 2008-2008:** Research Assistant, Part time, University of Strathclyde
- 2007-2008:** Tutor, Part time, University of Strathclyde
- 2005-2006:** Demonstrator, Part time, Professional Development Studies, Introduction to Excel and PowerPoint, University of Strathclyde
- 2001-2004:** Lecturer, School of Rehabilitation Sciences, Iran University of Medical Sciences
- 1998- 2001:** Course instructor, Part time, Kinesiology and Biomechanics for Prosthetists and Orthotists, School of Rehabilitation Sciences, Iran University of Medical Sciences
- 1996-1998:** Prosthetist & Orthotist, Khanevade Hospital, Tehran, Iran

## ***Professional Qualifications / Membership***

- International Society for Prosthetics and Orthotics, Member
- Iranian Board of Certification in Prosthetics and Orthotics, Iran Ministry of Health and Medical Education, Awarded in August 2002
- Iranian Scientific Association for Prosthetics and Orthotics, Chairman (Year 2012), Currently member

## ***Publications & Presentations:***

- Hedayati Z, Ahmadi A\*, Kamyab M, Babae T, Ganjavian MS. Effect of Group Exercising and Adjusting the Brace at Shorter Intervals on Cobb Angle and Quality of Life of Patients With Idiopathic Scoliosis. *American Journal of Physical Medicine and Rehabilitation*. 2018;97(2):104-9.
- Babae T, Kamyab M\*, Ahmadi A, Sanjari MA, Ganjavian MS. Measurement of Milwaukee brace pad pressure in adolescent round back deformity treatment. *Asian Spine Journal*. 2017;11(4):627-33.
- Azadinia F, Ebrahimi-Takamjani\*, Kamyab M, Parnianpour M, Asgari M. Comparing lumbosacral orthosis to routine physical therapy on postural stability in patients with chronic low back pain: A randomized trial. *Medical Journal of the Islamic Republic of Iran*. 2017;31.
- Azadinia F, Ebrahimi E\*, Kamyab M, Parnianpour M, Cholewicki J, Maroufi N. Can lumbosacral orthoses cause trunk muscle weakness? A systematic review of literature. *Spine Journal*. 2017;17(4):589-602.
- Hajiaghaei B, Ebrahimi\*, Kamyab M, Saeedi H, Jalali M. A comparison between the dimensions of positive transtibial residual limb molds prepared by air pressure casting and weight-bearing casting methods. *Medical Journal of the Islamic Republic of Iran*. 2016;30(1).
- Ghorbani F, Kamyab M\*, Azadinia F, Hajiaghaei B. Open-Design Collar vs. Conventional Philadelphia Collar Regarding User Satisfaction and Cervical Range of Motion in Asymptomatic Adults. *American Journal of Physical Medicine and Rehabilitation*. 2016;95(4):291-9.
- Ghomian B\*, Kamyab M, Jafari H, Khamseh M, Healy A. Rocker outsole shoe is not a threat to postural stability in patients with diabetic neuropathy. *Prosthetics and Orthotics International*. 2016;40(2):224-30.
- Bagheripour B, Kamyab M\*, Azadinia F, Amiri A, Akbari M. The efficacy of a home-mechanical traction unit for patients with mild to moderate cervical osteoarthritis: A pilot study. *Medical Journal of the Islamic Republic of Iran*. 2016;30(1).
- Sheykhi-Dolagh R, Saeedi H\*, Farahmand B, Kamyab M, Kamali M, Gholizadeh H, et al. The influence of foot orthoses on foot mobility magnitude and arch height index in adults with flexible flat feet. *Prosthetics and Orthotics International*. 2015;39(3):190-6.
- Mousavi B, Soroush MR\*, Masoumi M, Khateri S, Modirian E, Shokoohi H, et al. Epidemiological study of child casualties of landmines and unexploded

- ordnances: A national study from Iran. *Prehospital and Disaster Medicine*. 2015;30(5):472-7.
- Gohari E, Haghpanahi M\*, Parnianpour M, Ganjavian MS, Kamyab M. Numerical analysis (finite element method) of brace effects on the adolescent idiopathic scoliosis during 24 hours. *Biomedical Engineering - Applications, Basis and Communications*. 2014;26(3).
  - Babaee T, Kamyab M\*, Ganjavian MS, Kamali M. Milwaukee brace or thoracolumbosacral orthosis? Which one affects the quality of life of adolescents with idiopathic scoliosis more? A cross-sectional study using the SRS-22 questionnaire. *Current Orthopaedic Practice*. 2014;25(5):478-83.
  - Azadinia F, Kamyab M\*, Behtash H, Ganjavian MS, Javaheri MRM. The validity and reliability of noninvasive methods for measuring kyphosis. *Journal of Spinal Disorders and Techniques*. 2014;27(6):E212-E8.
  - Abd Razak NA, Abu Osman NA\*, Kamyab M, Wan Abas WAB, Gholizadeh H. Satisfaction and problems experienced with wrist movements: Comparison between a common body-powered prosthesis and a new biomechatronics prosthesis. *American Journal of Physical Medicine and Rehabilitation*. 2014;93(5):437-44.
  - Esfandiari E, Kamyab M\*, Yazdi HR, Foroughi N, Sanjari MA. The Immediate Effect of Lateral Wedge Insoles, With and Without a Subtalar Strap, on the Lateral Trunk Lean Motion in Patients With Knee Osteoarthritis. *Geriatric Orthopaedic Surgery and Rehabilitation*. 2013;4(4):127-32.
  - Azadinia F, Kamyab M\*, Behtash H, Maroufi N, Larijani B. The effects of two spinal orthoses on balance in elderly people with thoracic kyphosis. *Prosthetics and Orthotics International*. 2013;37(5):404-10.
  - Arvin M\*, Kamyab M, Moradi V, Hajiaghahi B, Maroufi N. Influence of modified solid ankle-foot orthosis to be used with and without shoe on dynamic balance and gait characteristic in asymptomatic people. *Prosthetics and Orthotics International*. 2013;37(2):145-51.
  - Gholizadeh H, Osman NAA\*, Kamyab M, Eshraghi A, Abas WABW, Azam MN. Transtibial prosthetic socket pistoning: Static evaluation of Seal-In®X5 and Dermo®Liner using motion analysis system. *Clinical Biomechanics*. 2012;27(1):34-9.
  - Gholizadeh H, Abu Osman NA\*, Kamyab M, Eshraghi A, Lúvíksdóttir AG, Wan Abas WAB. Clinical evaluation of two prosthetic suspension systems in a bilateral transtibial amputee. *American Journal of Physical Medicine and Rehabilitation*. 2012;91(10):894-8.
  - Ali S, Abu Osman NA\*, Naqshbandi MM, Eshraghi A, Kamyab M, Gholizadeh H. Qualitative study of prosthetic suspension systems on transtibial amputees' satisfaction and perceived problems with their prosthetic devices. *Archives of Physical Medicine and Rehabilitation*. 2012;93(11):1919-23.
  - Gholizadeh H, Osman NAA\*, Lúvíksdóttir AG, Eshraghi A, Kamyab M, Wan Abas WAB. A new approach for the pistoning measurement in transtibial prosthesis. *Prosthetics and Orthotics International*. 2011;35(4):360-4.

- Gholizadeh H, Abu Osman NA\*, Lúdvíksdóttir ÁG, Kamyab M, Eshraghi A, Ali S, et al., editors. A new method for measuring pistoning in lower limb prosthetic. IFMBE Proceedings; 2011
- Kamyab, M; (2010) the Role of Orthoses in Prevention of Disability. The Congress Disability Prevention, Tehran, Iran.
- Kamyab, M; Mchugh, B; Bowers, R. (2009) Feasibility, Reliability and Validity of the Orthominder: A Novel Approach to the Management of Low Back Pain. The FOT Congress, Bielefeld, Germany.
- Kamyab, M; Mchugh, B; Bowers, R. (2007) A Novel Orthotic Approach toward Low Back Pain. The 12th World Congress of the International Society for Prosthetics and Orthotics, Vancouver, Canada.
- Kamyab, M; Mchugh, B; Bowers, R. (2007) [Best Oral Presentation Award in the National Centre] A Prophylactic Approach toward Low Back Pain. Research Presentation Day, Faculty of Engineering, University Of Strathclyde, Glasgow.
- Kamyab, M. (2002) Gait: Terminology, Mechanics, and Pathology. School of Rehabilitation Sciences Booklet.
- Kamyab, M. Ganjavian, M.S. (2001) The Effects Of Milwaukee Brace On Adolescent Idiopathic Scoliosis: Presented at The 4th Iranian Orthotics & Prosthetics Congress, Tehran, Iran.
- Kamyab, M. (1999) Potential Benefits of Internet for Orthotics and Prosthetics Society: Presented At the 3rd Iranian Orthotics & Prosthetics Congress, Tehran, Iran.

### ***Patent***

- Kamyab, M., Mchugh, B., Bowers, R. (2009) Biofeedback Orthosis. Wo Patent 2,009,013,490.

### ***Research interests***

- Orthotics and Prosthetics
- Spinal Orthotics
- Spinal deformities
- Biomechanics, Gait
- Posture
- Balance
- Back Pain

## ***Referees***

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Senior lecturer (Retired)  
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