

Curriculum Vitae

Mohammadreza Abbasian, MD

Research Fellow at

Harvard Medical School

Center for Advanced Orthopedic Studies

Beth Israel Deaconess Medical Center

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Boston, MA 02215

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EDUCATION

Post doctorate Training

October 2019 – Current

Research Fellow, Beth Israel Deaconess Medical Center,
Center for Advanced Orthopedic Studies, 330 Brookline
Avenue, RN 115, Boston, MA, 02215, USA

September 2017 – March 2019

Clinical Fellow in knee and sports medicine, Shahid
Beheshti University of Medical Sciences (SBMU), Tehran,
Iran

September 2005 – October 2019

Research Fellow, Manager of research team,
Methodologist, statistical consultant and manuscript
writer, Bone, Joint and Related Tissues Research Center,
Akhtar Orthopedic Hospital, Shahid Beheshti University of
Medical Sciences (SBMU), Tehran, Iran

2013 -2014

Fellowship course on Sports Medicine, Inselspital,
Bern, Switzerland

2009- 2012

Assistant Professor of Orthopedic Surgery, Orthopedic
Surgeon

2005 -2009

Residency, Akhtar Orthopedic Hospital, Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran.

Thesis distinction 20/20

2003- 2005

General Physician- military service. I was assigned to work in civilian and military clinics and hospital

2001- 2003

Internship in general medicine, Shahid Beheshti Medical University Teaching Hospital, Tehran, Iran

Medical Doctorate

1996 - 2001

Shahid Beheshti University of Medical Sciences (SBMU) Tehran, Iran.

GPA: 17.93/20 (equivalent to A) Graduated with Distinguished rank (highest honor rank)

Thesis distinction 100

AWARDS AND HONORS _____

- **2017-** Ranked **1st** in the Knee and Sports Medicine fellowship entrance exam, Shahid Beheshti Medical University
- **2016-** Awarded **1st** prize at the 24th Iranian orthopedic association congress. *Arthroscopic all-inside ramp lesion repair under direct vision of posterolateral trans-septal portal view Technical notes case series.*
- **2016-** Awarded **3rd** prize at the 24th Iranian Orthopedic Association Congress. *Diagnostic Efficacy of Clinical Tests in Lumbar Spinal Instability.*

- **2013**- Ranked **1st**, the best paper in Hip surgery, presented at 21st Iranian Orthopedic Association Congress. *Diagnostic Efficacy of UBI Scan in Musculoskeletal Infections.*
- **2013**- Ranked **3rd**, the best paper presented at 21st Iranian Orthopedic Association Congress. *Clinical assessment of arthroscopic osteochondral autograft transfer (Mosaicplasty) for cartilage defect of the knee.*
- **2012** - Ranked **2nd**, the paper presented at **ISKAST Biennial Congress**.
Paper entitled: *“Arthroscopic osteochondral autograft transfer for cartilage defects of the knee: a prospective mid-term follow-up study”*
- **2011** - Ranked **2nd** in National Orthopedic Board Exam (OSCE)
- **2005** - Ranked **9th out of 15, 000 examinees** in Nationwide Residency entrance exam
- **1996** - Ranked **84th out of more than one million examinees** in Iran in nationwide universities’ entrance exam

POSITION AND TITLE

- **Associate Professor of Orthopedic Surgery**, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- **Head of Orthopedic Department**, Akhtar Orthopedic Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- **Head of Emergency Department**, Akhtar Orthopedic Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- **Chief of Department of Orthopedic Surgery** Zahedan University of Medical Sciences, Zahedan, Iran
- **Head of Orthopedic Department** of Zahedan University of Medical Sciences, Zahedan, Iran
- **Mentored** more than 500 medical students during 7 years, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- **Preceptorship** for more than 800 medical students during 7, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- **Member of AO trauma National Council of Iran**

- **Member of International Faculty of AO Trauma Foundation**
- **Representative of Orthopedic Surgery in EDO (Educational Development Organization)**, Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

EMPLOYMENT HISTORY

October 2019 –Present

Post-Doctoral Research Fellow, Center for Advanced Orthopedic Studies, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, USA

June 2018 – October 2019

Full time employment - Associate Professor of Orthopedic Surgery, Shahid Beheshti University of Medical Sciences, Tehran, Iran

April 2012 –June 2018

Full time employment- Assistant Professor of Orthopedic Surgery, Shahid Beheshti University of Medical Sciences, Tehran, Iran

2011 – 2012

Assistant Professor of Orthopedic Surgery, Zahedan University of Medical Sciences, Zahedan, Iran

2009 - 2011

Orthopedic Surgeon, Khatam-al-Anbia Hospital, Kerman, Iran

TEACHING AFFILIATIONS

- **November 2011 - April 2012**, Head of Department of Orthopedic Surgery, Zahedan University of Medical Sciences, Zahedan, Iran
- **January 2012 - April 2012**, Manager of Orthopedic Department, Khatam-al-Anbia Hospital, Zahedan University of Medical Sciences, Zahedan, Iran
- **April 2012 – June 2018**, Full time employment - Assistant Professor of Orthopedic Surgery, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- **August 2014 - August 2017**, Member of the AO Trauma National Council, Iran
- **July 2013 – September 2017**, Mentored more than 500 medical students, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- **April 2014–September 2017**, preceptor for more than 800 medical students, Shahid Beheshti University of Medical Sciences, Tehran, Iran,
- **President of EDO (Education Development Organization)**, Faculty of Medicine, Akhtar Orthopedic Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- **June 2018 – October 2019**, Full time employment – Associate Professor of Orthopedic Surgery, Shahid Beheshti University of Medical Sciences, Tehran, Iran

PARTICIPATION IN OBSERVERSHIP OR FELLOWSHIP PROGRAM

- **Post-Doctoral Research Fellow**, Center for Advanced Orthopedic Studies, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, USA. October 2019 - present
- **Fellowship in Knee and Sports Medicine**, Shahid Beheshti University of Medical Sciences(SBMU), Tehran, Iran, September 2017 – March 2019
- **Visiting Fellowship course** in Sports Medicine, Inselspital, Bern, Switzerland, August 2013-December 2013

PUBLICATIONS AND PRESENTATIONS

(PEER-REVIEWED PUBLICATIONS)

1. **Abbasian M**, Biglari F, Sadighi M, Ebrahimpour A. Reliability of postoperative radiographies in ankle fractures - **The Archives of Bone and Joint Surgery, 2020**
2. Shekari, I., Shekarchi, B., **Abbasian, M.** et al. Predictive Factors Associated with Anterolateral Ligament Injury in the Patients with Anterior Cruciate Ligament Tear. **JOIO (2020)**.
<https://doi.org/10.1007/s43465-020-00159-7>
3. mehdipour, S., Qoreishi, M., **Abbasian, M.**, Keipourfard, A. Comparison of Clinical, Functional, and Radiological Outcomes of Total Knee Arthroplasty (TKA) Using Conventional and Patient Specific Instrumentation. **The Archives of Bone and Joint Surgery, 2020**; (): -. doi: 10.22038/abjs.2020.41571.2124
4. Keyhani, S., Soleymanha, M., Verdonk, R., **Abbasian, M.** Autogenous Osteochondral Grafting for Treatment of Knee Osteochondritis Dissecans: A Case Series Study. **The Archives of Bone and Joint Surgery, 2020**; 8(3): 426-431. doi: 10.22038/abjs.2019.39026.2038
5. **Abbasian M**, Baghbani S, Barangi S, Fairhurst PG, Ebrahimpour A, Krause F, Hashemi M. *Outcomes of Ultrasound-Guided Gastrocnemius Injection with Botulinum Toxin for Chronic Plantar Fasciitis*. **Foot Ankle Int. 2019**; 5: 1-6.
6. Masoud Hashemi, Payman Dadkhah, Mehrdad Taheri, Sirous Momenzadeh, Tahereh Parsa, Behnam Hosseini, **Mohammadreza Abbasian**. *Unilateral Epidural Blockade for Lower Limb Fracture Surgery: Parasagittal Epidural Versus Midline Epidural Anesthesia*. **Bull Emerg Trauma. 2019**;7(2):150–155.
7. Masoud Hashemi, Mehrdad Taheri, Hossein Adlkhoo, Payman Dadkhah, **Mohammadreza Abbasian**. *Comparison of the Effect of Intra-Articular Injection of Autologous (Orthokine) Interleukin-1 (IL-1Ra) Receptor Antagonist and Hyaluronic Acid in Pain Control of Knee Osteoarthritis*. **Novelty in Biomedicine.2019**; 7(3).

8. Hosseini Khameneh SM, **Abbasian M**, Abrishamkarzadeh H, et al. *Humeral shaft fracture: a randomized controlled trial of non-operative versus operative management (plate fixation)*. **Orthop Res Rev.**2019; 11:141–147.
9. Qoreishi M, **Abbasian M**, Safai O, Safdari F. *Sterile Regions of an Operating Gown during a Lower Limb Joint Replacement Surgery*. **Arch Bone Joint Surg.** 2019;7(4):354-9.
10. Keyhani, S., Soleymanha, M., **Abbasian, M.**, Morteza Kazemi, S. *Evaluation of Autogenous Osteochondral Grafting for Treatment of Osteochondritis Dissecans, Mid Term Results*. **Arch Bone Joint Surg.** 2018; 6(Supplement 1): 27-27.
11. Esmailiejah AA, **Abbasian M**, Bidar R, Esmailiejah N, Safdari F, Amirjamshidi A. *Diagnostic efficacy of clinical tests for lumbar spinal instability*. **SurgNeurol Int.** 2018Jan 25; 9:17.
12. Kazemi SM, **Abbasian M**, Esmailijah AA, et al. *Comparison of clinical outcomes between different femoral tunnel positions after anterior cruciate ligament reconstruction surgery*. **Arch Bone Joint Surg.** 2017; 5:419–25.
13. Esmailiejah A A, **Abbasian M.**, Safdari F, Ahmad SS. *Open Anterior Hip Dislocation in a Child: A Rare Mechanism of injury*. **Arch Bone Joint Surg.** 2017; 5(5): 337–341.
14. Keyhani S, Ahn JH, Verdonk R, Soleymanha M, **Abbasian M**. *Arthroscopic all-inside ramp lesion repair using the posterolateral transseptal portal view*. **Knee Surg. Sports Traumatol. Arthrosc.** 2017; 25(2):454-458.
15. Kazemi SM, **Abbasian M**, Karimzadeh M, et al. *Open Reduction Outcome of Intraarticular Fractures distal femur*. **Iranian Journal of Orthopedic Surgery.** 2017; 15 (3): 96 -100.
16. Taheriazam A, Hashemi S M, Esmailiejah A A, Keyhani S, **Abbasian M**, et al. *Outcomes of Nonoperative Treatment of Forefoot Fractures: Casting Versus Off-Loading Shoes*. **Trauma Mon.** 2017; 22(2): e27533-e27533.
17. Keyhani S., EsmailiejahAA, **Abbasian M.**, Safdari F. *Which Route of Tranexamic Acid Administration is More Effective to Reduce Blood Loss Following Total Knee Arthroplasty?* **Arch Bone Joint Surg.** 2016 Jan; 4(1): 65–69.
18. Mohammad Mahdi Vashghani Farahani, Reza Masteri Farahani, Ataroalsadat Mostafavinia, **Mohammadreza Abbasian**, et al. *Effect of Pentoxifylline Administration on an Experimental Rat Model of Femur Fracture Healing With Intramedullary Fixation*.

- Iran Red Crescent Med J.** 2015 Dec; 17(12): e29513.
19. **Mohammadreza Abbasian**, Felix Paradies, Martin Weber, Fabian Krause. *Temporary Internal Fixation for Ligamentous and Osseous Lisfranc Injuries: Outcome and Technical Tip.* **Foot Ankle Int.** 2015 Aug; 36(8):976-83.
 20. Ali Akbar Esmailiejah, **Mohammadreza Abbasian**, Salman Azarsina, Farshad Safdari, Mahasti Amoui, Samaneh Hosseinzadeh. *Diagnostic Efficacy of UBI Scan in Musculoskeletal Infections.* **Archives of Iranian medicine.** 2015, 18(6): 371-75
 21. Ahmad SS, Evangelopoulos D, **Abbasian MR**, Kohl S. *The Hundred most cited publications in Orthopedic Knee Research.* **JBJS**;2014, 19;96(22):e190(1-13)
 22. Ali Akbar Esmailiejah, **Mohammadreza Abbasian**, Farshad Safdari, Keyqobad Ashori. *Treatment of Humeral Shaft Fracture: Minimally Invasive Plate Osteosynthesis Versus Open Reduction and internal fixation.* **Trauma Mon.** 2015; 20(3): e26271.
 23. Ataroalsadat Mostafavinia, Reza Masteri Farahani, **Mohammadreza Abbasian**, Mohammad Mehdi Vashghani Farahani, et al. *Effect of Pulsed Wave Low-Level Laser Therapy on Tibial Complete Osteotomy Model of Fracture Healing With an Intramedullary Fixation.* **Iran Red Crescent Med J.** 2015;17(12): e32076
 24. Manouchehr Vahid-Farahmandi, **Mohammadreza Abbasian**, Simin Samani. *Correlation between p63 expression and clinical behavior of giant-cell tumor of bone.* **Comparative Clinical Pathology.** 2015; 24(4): 827-830.
 25. SohrabKeyhani, **Mohammadreza Abbasian**, NasimSiatiri, Ali Sarvi, Mohsen MardaniKivi, Ali Akbar Esmailiejah. *Arthroscopic Meniscal Repair: "Modified Outside-In Technique".* **Arch Bone Joint Surg.**2015;3(2):104-8.
 26. Keyhani S, Mardani-Kivi M, **Abbasian MR**, Sharifzadeh SR, Goyal D, Ali Akbar Esmailiejah. *Arthroscopic osteochondral autograft transfer for cartilage defects of the knee: a prospective mid-term follow-up study.* **Minerva OrtopTraumatol.**2015; 66:215-21.
 27. Manouchehr Vahid Farahmandi, **Mohammadreza Abbasian**, Mohammad Emami Moghaddam Tehrani, Farshad Safdari. *Midterm Results of Treating Femoral Head Osteonecrosis with Autogenous Corticocancellous Bone Grafting.* **Trauma Mon.** 2014 November; 19(4).

28. Mohammad Reza Farahanchi MD, Seyyed Mohammad Jazayeri MD, **Mohammadreza Abbasian MD**. *Medium-term surgical results of intertrochanteric fractures in people over 50*. **JBS**. 2014; 1 (2).
29. **Mohammadreza Abbasian**, Ali Akbar Esmailiejah, Hamid Reza SeyyedHosseinzadeh. *Efficacy of Different Surgical Hand Washing Methods*. **JBS**. 2015; 2(1): 21-24.
30. Esmailiejah AA, Kamalian N, **Abbasian MR**. *Temporary paraplegia resulting from Gorham's disease involving the third lumbar vertebra and proximal femur: A five-year follow-up and review of literature*. **Archives of Iranian Medicine**.2013; 16(11), 686-90.
31. Keyhani S, Mardani-Kivi M, **Abbasian MR**, Emami Moghaddam M, Abdollahzadeh Lahiji F. *Achilles Tendon Repair: A Modified Technique*. **Arch Bone Joint Surg**. 2013; 1(2): 86-89.
32. Jazayeri SM, Mosaffa F, **Abbasian MR**, Hosseinzadeh HR. *Comparing the Efficacy of Intra-Articular Application of Morphine and Tramadol on Postoperative Pain after Arthroscopic Knee Surgery*. **Anesth Pain**. 2012; 2(1):28-31.
33. Madadi F, Aghapour SR, Esmaeeliejah AA, Kazemi SM, **Abbasian MR**, Seyyed Hosseinzadeh HR. *The Effect of Acetabular Component Inclination on Early Dislocation Rate of Hip Arthroplasty*. **Superior Science**. 2012; 27(8).
34. Keyhani S, **Abbasian MR**, Kazemi S, Esmailiejah AA, Seyed Hosseinzadeh HR, Shahi A, Firouzi F. *Modified retro-tubercle opening-wedge versus conventional high tibial osteotomy*. **Orthopedics**. 2011; 34(2):90.
35. Kazemi SM, **Abbasian MR**, Seyyed Hosseinzadeh HR, Eajazi A, Daftari Besheli L. *Congenital Dislocation of the Knee in a 16-year-old girl*. **Orthopedics**. 2010; 33(5).
36. Madadi F, Kahlaee AH, Sarmadi A, Madadi F, Sadeghian R, Emami TM, **Abbasian MR**. *Congenital bony fusion (absence) of the knee: A case report*. **Knee**.2010; 17(6):421-3.
37. Madadi F, Eajazi A, Madadi FH, Daftari Besheli L, Rokni R, **Abbasian MR**, Bigdeli MR. *Clinical results of Reversed V-shaped High Tibial Corticotomy with Minimally Invasive Surgery (MIS) without internal fixation devices-Introduction of a new method*. **Orthopedics**.2010; 33(6).
38. Alavi S, Arzanian MT, **Abbasian MR**, Ashena Z. *Tumor lysis syndrome in children with non-Hodgkin lymphoma*. **Pediatr Hematol Oncol**. 2006; 23(1):65-70.

39. Moravvej H, Dehghan-Mangabadi M, **Abbasian MR**, Meshkat-Razavi G. *Association of rosacea with demodicosis*. **Arch Iran Med.** **2007**; 10(2):199-203.
40. Esmailiejah AA, Vahid Farahmandi M., **Abbasian MR**, Moazamipour A, Safdari F. *Comparing the Outcomes of Non-operative Treatment of Forefoot Fractures with Casting or off-loading shoes*. **Iranian Journal of Orthopedic Surgery.** **2014**; 12 (4):148-153.
41. Babak Babakhani, **Mohammadreza Abbasian**, Narges Hosseini Tabatabaei, Mehrdad Mokarram, Javad Yousefi, Ahmad Dizangian. *The effects of intra-articular injection of marcaine on post-aspiration pain of knees with osteoarthritis*. **Research in Medicine.** **2014**; 37(4): 195-199.
42. Farahmandi, M. V., Esmailijah, A., Madadi, F., Kazemi, S. M.; **Abassian, M.**, Zanganeh, R., Valaie, N. *Results of total hip arthroplasty and its associated factors in Akhtar hospital between 1985 and 2005*. **Pejouhesh dar Pezeshki.** **2010**; 33(4):241-45
43. Esmailiejah AA, **Abbasian MR**, Hossein Zadeh HR, Hassas Yeganeh M. *Effect of intra-articular Hyaluronic Acid or Methylprednisolone or oral anti-inflammatory drugs in knee osteoarthritis*. **Iranian Journal of Orthopedic Surgery.** **2007**, 6(2).36-41.
44. Sohrab Keyhani, MD; Mehran Soleimanha, MD; Ali Akbar Esmailiejah, MD; Seyed Morteza Kazemi, MD; **Mohammadreza Abbasian**, MD; Reza Rokni, MD. *Short-Term Results of One Stage Arthroscopic Reconstruction of Multiligament-Deficient Knees*. **Iranian Journal of Orthopedic Surgery.** **2007**, 6(2):55-60.
45. Madadi, MD; **Mohammadreza Abbasian, MD**; Fovad Rahimi, MD; Farivar Abdolazadeh Lahiji, MD; Arimin Aalami Harandi, MD. *Biologic Double Tibial Fixation in ACL Reconstruction by Medial Hamstring graft*. **Iranian Journal of Orthopedic Surgery.** **2008**; 6(4):164-171.
46. Mehdi pour S, Keyhani S, Jazayeri SM, **Abbasian MR**. *Arthroscopic repair in anterior shoulder dislocation: short term-result*. **Journal of Iranian Orthopedic Association.** **2007**; 6(1):14-18.
47. Madadi F, **Abbasian MR**, Abdollahzadeh Lahiji F, Zandi R. *Congenital Knee Joint Absence (Report of one Case.)* **Iranian Journal of Orthopedic Surgery.** **2009**; 7 (3):58-63
48. Keihani S, **Abbasian MR**, Kazemi SM, Esmailiejah AA, Hosseinzadeh HR, Sadeghi A. *Patellar Height and Upper Tibial Inclination in Open -Wedge Valgus High Tibial Osteotomy (Comparison between Retrotubercle and Upper Tibial Osteotomies*. **Iranian Journal of Orthopedic Surgery.** **2008**; 7(1):24-31

49. Madadi F, Kazemi SM, Aalami Harandi A, **Abbasian MR**, Abdolazadeh Lahiji F, Hosseinzadeh H, Rahimi F. *Total hip Arthroplasty in Advanced Osteonecrosis. Iranian Journal of Orthopedic Surgery.*2008; 6(2):43-47.
50. Madadi F, Aalami A, Kazemi, SM, **Abbasian MR**, Rahimi F. *Osteonecrosis and osteoarthritis Outcomes after Metal-on-Metal Hip Resurfacing Osteonecrosis and Osteoarthritis outcome after metal-on-metal hip resurfacing .Iranian Journal of Orthopedic Surgery.*2007; 6(2):43-47.
51. Keyhani S, Sharifzadeh SR, **Abbasian MR**, Shafaghi T, Mehdipour S, Safdari F. *Clinical Assessment of Arthroscopic Osteochondral Autograft transfer (Mosaicplasty) for Cartilage Defects of the Knee. Iranian Journal of Orthopedic Surgery.*2010; 8(4):144-50.

ABSTRACT PRESENTATIONS

- **ISKAST 2018:** *Evaluation of autogenous osteochondral grafting for treatment of osteochondritis dissecans, midterm results.*
- **ISKAST 2016:** *Effect of Femoral Tunnel Position on Knee joint Laxity and Clinical Outcome of Anterior Cruciate Ligament Reconstruction.*
- **ISKAST 2016:** *Arthroscopic Suture Anchor Repair of Medial Meniscus Posterior Root Avulsion: Minimum 2 years follow-up.*
- **AOFAS/IFFAS Meeting Presentation**, September 19, 2014, Chicago, Illinois; *Outcome of Open Anatomic Reduction and Temporary Tarsometatarsal Joint Arthrodesis in Isolated Ligamentous Lisfranc Injuries.*
- **18th Iranian Orthopedic Association Congress:** *clinical assessment of arthroscopic osteochondral autograft transfer (Mosaicplasty) for cartilage defect of the knee.*
- **APKASS 2016:** *Results of Arthroscopic Fixation of Osteochondritis Dissecans Lesions of the Knee with Cylindrical Autogenous Osteochondral Plugs (case series)*
- **APKASS 2016:** *Arthroscopic suture anchor repair of Medial Meniscus Posterior Root avulsion (MMPRA): Minimum 2-Year Follow-Up.*

- **SWISS MEDICAL WEEKLY, 2015:** *Temporary arthrodesis for ligamentous and osseous Lisfranc injuries: outcome and technical tip.*
- **ISKAST Congress, 2012,** Kish Island, Iran, 21-24 February, *Mosaicplasty, (Awarded 2nd prize)*
- **ISKAST Congress, 2012,** Kish Island, Iran, 21-24 February, *Modified Retro tubercle opening wedge versus conventional high tibial osteotomy.*
- **Seventh SICOT/SIROT Annual International Conference, 2010,** Gothenburg- Sweden. *Outcome of metal on metal resurfacing surgery between AVN and OA of hips (short term study).*
- **AAOS Congress, 2010,** New Orleans-USA. *A modified (Retro-Tubercle) opening wedge high tibial osteotomy versus the conventional technique. (My thesis for orthopedic surgery specialty).*
- **EFORT Congress, 2009,** Vienna, 3 – 6 June (10th European Federation of National Associations of Orthopedics and Traumatology) *osteoarthritis Outcomes after Metal-on-Metal Hip Resurfacing.*
- **EFORT Congress, 2009,** Vienna, 3 – 6 June (10th European Federation of National Associations of Orthopedics and Traumatology) *Biologic Double Tibial Fixation in ACL Reconstruction by Medial Hamstrings graft.*
- **EFORT Congress, 2009,** Vienna, 3 – 6 June (10th European Federation of National Associations of Orthopedics and Traumatology) *Short term results of arthroscopic reconstruction of multi-ligament knee injuries.*
- **EFORT Congress, 2009,** Vienna, 3 – 6 June (10th European Federation of National Associations of Orthopedics and Traumatology) *Patellar height and the inclination of the tibial plateau after high tibial osteotomy (HTO) A retro-tubercle opening-wedge versus the medial opening-wedge technique*

PROFESSIONAL SOCIETY MEMBERSHIPS

- 2003- Present, Medical Council of Iran
- 2009- Present, Iranian Orthopedic Council
- 2010- Present, Persian Orthopedic Trauma Association (POTA)
- 2011- Present, Iranian Hip Surgery Council

- 2011- Present, Iranian Knee Surgery Council
- 2014- Present, AO Trauma National Council Iran
- 2017- Present, Member of Research Council of “Physical Medicine & Rehabilitation Research Center” affiliated with Shahid Beheshti University of Medical Sciences, Tehran, Iran
- 2010- Member of American Academy of Orthopedic Surgeons

THESIS (Supervisor/PI) _____

1. *Clinical evaluation of Botulinum toxin-A injection in medial head of gastrocnemius in plantar fasciitis. Short-term results (Thesis No: M 259).* Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

2. *Clinical evaluation of PRP (Platelet-Rich plasma) injection in shoulder impingement syndrome.*

(Thesis No: 218). Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

3. *Clinical evaluation of percutaneous release of trigger thumb in comparison with corticosteroid injection. (Thesis No: 219).* Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

4. *Prevalence of Vitamin-D deficiency in children younger than 5 years, referred to a university teaching hospital. (Thesis No: 217).* Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

5. *Clinical evaluation of PRP (Platelet-Rich plasma) injection in patients with knee osteoarthritis. Short-term result. (Thesis No: 237).* Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

6. *Evaluation of Diagnostic Efficacy of MPP Test in Medial Plica Syndrome and Its Correlation with Arthroscopic Findings. (Thesis No: 490).* Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
7. *Clinical evaluation of PRP (Platelet-Rich plasma) injection in patients with tennis elbow, comparison with corticosteroid injection. (Thesis No: 216).* Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
8. *Clinical evaluation of Recombinant Human Parathyroid Hormone therapy in osteoporotic distal radius fracture. (Thesis No: 348).* Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
9. *Accuracy of 3-Tesla Magnetic Resonance Imaging in diagnosis of chondral lesions of the knee. (Thesis No: 668/D.P. Z/A/88).* Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
10. *Validity and Reliability of Elbow Range of Motion Measurements Using Digital Photographs, Movies, and a goniometry Smartphone Application in comparison with clinical examination using goniometry. (Thesis No: 408)* Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
11. *Validity and Reliability of Knee Range of Motion Measurements Using Digital Photographs, Movies, and a goniometry Smartphone Application in comparison with clinical examination using goniometry. (Thesis No: 407)* Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
12. *Validity and Reliability of Wrist Range of Motion Measurements Using Digital Photographs, Movies, and a goniometry Smartphone Application in comparison with clinical examination using goniometry. (Thesis No: 410)* Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
13. *Outcome assessment of surgical treatment of the tibia plateau fracture in patient referred to Akhtar Hospital in 2014- Mid-term Study. (Thesis No: M 232)* Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

14. *Clinical evaluation of Deep Vein Thrombosis and Compartment Syndrome in two positioning techniques in ACL Reconstruction.* **(Thesis No: M 229)** Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

15. *Clinical evaluation of arthroscopic anterior cruciate ligament reconstruction using trans portal technique in Akhtar hospital in 2014.* **(Thesis No: M 233)** Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

16. *Reliability of early post-operative x-rays in ankle fractures.* **(Thesis No: M 424)** Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

THESIS (Consultant)

1. *Comparison of Clinical Outcomes between Different Femoral Tunnel Positions after Anterior Cruciate Ligament Reconstruction Surgery.* **(Thesis No: M 556)**. Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

2. *Management of Humeral diaphyseal Fractures: A randomized controlled comparative study of operative versus non-operative treatment.* **(Thesis No: M 115)**. Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

3. *Clinical and functional assessment of treating radial club hand after centralization and pollicisation using 2nd metacarpus.* **(ThesisNo: M 25)**. Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

4. *Clinical and functional assessment of ACL revision surgery using posterior tibialis tendon allograft.* **(Thesis No: 60)**. Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

5. *Diagnostic efficacy of clinical tests and dynamic radiographic studies in lumbar spinal instability.* **(Thesis No: M 318)**. Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

6. *Clinical assessment of Recombinant Human Parathyroid Hormonotherapy in patients with intertrochanteric fracture. (Thesis No: M 27)*. Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
7. *Clinical assessment of treatment of intra-articular knee fracture through open reduction and internal fixation. (Thesis No: 282)*. Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
8. *Effect of Pentoxifylline Administration on an Experimental Rat Model of Femur Fracture Healing with Intramedullary Fixation. (Thesis No: 573 M)*. Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
9. *Intra-articular Botulinum toxin VS intra-articular corticosteroid injection for treatment of frozen shoulder. (Thesis No: 402)*. Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
10. *A comparative study of prognostic value of the CTD (Center Tip Distance) and TAD (Tip Apex Distance) in proximal femoral fractures, fixed using DHS or Cephalomedullary nailing, 2018-2019 - A multi centric study. (Thesis No: 349 M & 350 M)*. Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
11. *Lower extremity gait kinematics study before and after Anterior Cruciate ligament reconstruction- A Biomechanical Study. (Thesis No: 159712302177)*. Faculty of Medical Sciences and Technologies, Islamic Azad University, Science and Research Branch, Tehran, Iran.
12. *Lower extremity gait kinematics study before and after Total Knee Replacement- A Biomechanical Study. (Thesis No: 159712302159)*. Faculty of Medical Sciences and Technologies, Islamic Azad University, Science and Research Branch, Tehran, Iran.
13. *Kinematic analysis of gait motion in sagittal plane on healthy knee of persons with torn ACL Before and after reconstruction surgery. (Thesis No: 159712302178)*. Faculty of Medical Sciences and Technologies, Islamic Azad University, Science and Research Branch, Tehran, Iran

MANUSCRIPTS IN PREPARATION

1. Arthroscopic Suture Anchor Repair of Medial Meniscus Posterior Root Tears: Minimum 2-Year Follow-Up

2. Prevalence of Vitamin D and micronutrient deficiency and its correlation with bone mineral density.
3. Validity and Reliability of Elbow Range of Motion Measurements Using Digital Photographs, Movies, and a goniometry Smartphone Application in comparison with clinical examination using goniometry
4. Validity and Reliability of Knee Range of Motion Measurements Using Digital Photographs, Movies, and a goniometry Smartphone Application in comparison with clinical examination using goniometry.
5. Validity and Reliability of Wrist Range of Motion Measurements Using Digital Photographs, Movies, and a goniometry Smartphone Application in comparison with clinical examination using goniometry.
6. Outcome assessment of surgical treatment of the tibia plateau fracture in patients referred to Akhtar Hospital in 2014- Mid-term Study.
7. Clinical evaluation of Deep Vein Thrombosis and Compartment Syndrome in two positioning technique in ACL Reconstruction.

FUNDED PROJECTS

1. Comparing the efficacy of intra-articular application of Morphine and Tramadol on post-operative pain after arthroscopic knee surgery.
2. Analgesia before performing a spinal block in the lateral decubitus position in patients with femoral neck fracture: a comparison between fascia iliaca block and IV Fentanyl
3. Validity and Reliability of Elbow Range of Motion Measurements Using Digital Photographs, Movies, and a goniometry Smartphone Application in comparison with clinical examination using goniometry
4. Validity and Reliability of Knee Range of Motion Measurements Using Digital Photographs, Movies, and a goniometry Smartphone Application in comparison with clinical examination using goniometry.

5. Validity and Reliability of Wrist Range of Motion Measurements Using Digital Photographs, Movies, and a goniometry Smartphone Application in comparison with clinical examination using goniometry

6. The relationship between tibiocalcaneal malalignment and recurrent ankle torsion.

Link:

[Http://research.sbmu.ac.ir/webdocument/load.action?webdocument_code=1000&masterCode=66006953](http://research.sbmu.ac.ir/webdocument/load.action?webdocument_code=1000&masterCode=66006953)

7. Comparing the serum level of vitamin D and bone density in males and females over 60 years.

Link:

[Http://research.sbmu.ac.ir/webdocument/load.action?webdocument_code=1000&masterCode=66006802](http://research.sbmu.ac.ir/webdocument/load.action?webdocument_code=1000&masterCode=66006802)

8. Evaluating the results of arthroscopic repair of medial meniscus bucket handle tears through posterior trans-septal portal.

Link:

[Http://research.sbmu.ac.ir/webdocument/load.action?webdocument_code=1000&masterCode=66016967](http://research.sbmu.ac.ir/webdocument/load.action?webdocument_code=1000&masterCode=66016967)

9. A Novel Minimally Invasive Approach for Anterior Pelvic Ring Fixation (MIAPF).

Link:

[Http://research.sbmu.ac.ir/webdocument/load.action?webdocument_code=1000&masterCode=66016873#h2](http://research.sbmu.ac.ir/webdocument/load.action?webdocument_code=1000&masterCode=66016873#h2)

10. Evaluating the midterm results of concurrent high tibial osteotomy and arthroscopic repair of posterior root tear of medial meniscus using pull-out technique.

Link:

[Http://research.sbmu.ac.ir/webdocument/load.action?webdocument_code=1000&masterCode=66018540#h2](http://research.sbmu.ac.ir/webdocument/load.action?webdocument_code=1000&masterCode=66018540#h2)

Projects submitted for funding:

- Clinical evaluation of Botulinum toxin-A injection in medial head of gastrocnemius in plantar fasciitis. Short-term results

ON GOING PROJECTS at CAOS-BIDMC

1. Effect of Marijuana on Spinal Fusion in a Rat Model
2. Effect of Marijuana on fracture healing (femoral fracture) in a Rat Model
3. Extending the indications for CTRA to improve the accuracy of bone quality assessment in pre-operative planning
4. Orthopedic implant infection prevention and treatment by wireless electrically-activated ag+ release from silver coated implants
5. Efficacy of PEG-LysSH Based Dressing Preventing of Burn Wound Contamination
6. Evaluating load to failure in different type of ACL reconstruction grafts

INNOVATION

A controllable device for sectioning spinal cord in mammals (Spinal cord microtome)

EDITORIAL ACTIVITIES

- Archive of Bone and Joint Surgery
- Bulletin of Emergency and Trauma (BEAT)
- Iranian Red Crescent Medical Journal
- Anesthesiology and Pain Medicine
- Novelty in Biomedicine
- Iranian Journal of Orthopedic Surgery
- Reviewer of ethics in research and innovations, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- Editorial Board of Journal of Clinical Physiotherapy Research
Link: <http://journals.sbm.ac.ir/physiotherapy/about/editorialTeamBio>
- Faculty member of Bone, Joint and Tissue Research Center, affiliated with Shahid Beheshti University of Medical Sciences, Tehran, Iran, since 2012.
Link: <http://en.sbm.ac.ir/index.jsp?fkeyid=&siteid=165&pageid=15327>
- Member of the Research Council of the “Physical Medicine & Rehabilitation Research Center” affiliated with Shahid Beheshti University of Medical Sciences, Tehran, Iran, since 2017.

Link: <http://pmrrc.sbmu.ac.ir/index.jsp?fkeyid=&siteid=491&pageid=35631>

COMPUTER SKILLS

SPSS, Endnote, Reference manager, Microsoft office, Adobe Photoshop.

LANGUAGE

Persian (Mother language)

English (Advanced)

HOBBIES

Swimming

Hiking

Playing tennis

Listening to Music