



REZA TAVAKOLI DARESTANI

Orthopedic specialist and associate professor of orthopedic department of Shahid Beheshti University of Medical Sciences
Specialized exclusively in shoulder and sport injuries

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Academic Qualifications

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| 2005 | Specialist medical degree in Orthopaedic Surgery
<i>Shahid Beheshti University of Medical Sciences</i> |
| 1998 | General medical degree (MD)
<i>Shahid Beheshti University of Medical Sciences</i> |

Academic Positions

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| 2011 - Present | Associated Professor in the Department of Orthopaedic Surgery
<i>Shahid Beheshti University of Medical Sciences, Imam Hossein Hospital</i> |
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Clinical work Experiences

2017	Orthopedic fellowship in Shoulder Surgery <i>Institut Parisien De Lepaule, Paris Shoulder Unit France</i>
2013	Orthopedic fellowship in Total Replacement Arthroplasty <i>Graz Medical University, Austria</i>
1 Jun 2010 - 27 Aug 2010	Reconstructive Shoulder and knee Arthroscopic Surgery fellowship Sport clinic <i>Stuttgart, Germany</i>
2006 - Present	Orthopedic medical practitioner <i>Imam Hossein Hospital (affiliated to Shahid Beheshti University of Medical Sciences)</i>
2005 - 2006	Orthopedic medical practitioner <i>Sahand Polyclinic (Tehran)</i>
2005 - 2006	Orthopedic medical practitioner <i>Daay Polyclinic (Qum)</i>
2005 - 2006	Orthopedic medical practitioner <i>Nekooei Hospital (affiliated to Qum University of Medical Sciences)</i>
1999 - 2000	General medical practitioner <i>Naval Unit, Pasdaran Corp Specialist Polyclinic (Tehran)</i>
1998 - 1999	General medical practitioner <i>Mahshar Hospital (affiliated to Khozestan University of Medical Sciences)</i>

Teaching Experience

2017 - Present	Head of department of shoulder and sport medicine surgery in Tehran Imam Hosein Hospital (Shahid Beheshti University)
2011 - Present	Associated professor at the department of Orthopaedic surgery in Shahid Beheshti University of Medical Sciences.
2011	Member of the board of examiners pre-Board examination in orthopedic surgery
2007 - 2008	Member of the board of examiners for promotion of Residents
2006 - Present	Teaching orthopaedic surgery course as a medical Preceptor to the reform students at the Shahid Beheshti University of Medical Sciences
2007 - 2008	Teaching orthopaedic surgery course to undergraduate students at the Department of Rehabilitation of the Shahid Beheshti University of Medical Sciences
2006 - Present	Teaching orthopaedic surgery courses to both undergraduate and post-graduate medical students in the Faculty of Medicine at Shahid Beheshti University, and also at Imam Hossein Hospital
2005 - 2006	Teaching orthopaedic surgery courses to intern students at Nekooei Hospital in Qum
1996 - 1997	During my internship, I was responsible for the orthopaedic and general surgery courses given to medical students at teaching hospitals

Membership of professional bodies

2010 - Present	Member of Sports Medicine Federation of IRAN surgery Member of International Society of Arthroscopy, knee Surgery and Orthopedic Sport Medicine. Member of Iranian AO Society.
2005	Member of the Iranian Society of Orthopaedic Surgeons
2005	Member of Persian Orthopaedic Trauma Association (POTA)
2005 - Present	Member of the Iranian Society of Surgeons

Honors and Awards

2010 - 2011	Distinguished assistant professor at the department of Orthopaedic surgery in Shahid Beheshti University of Medical Sciences for two years
2005	The No 1 student in the Board examination at the Shahid Beheshti University of Medical Sciences
2005	The No 1 student in the all-Iran pre-Board examination in orthopaedic surgery
2002 - 2005	The No 1 student during all the years of the orthopaedic surgery specialist course at the Shahid Beheshti University of Medical Sciences
2001	The runner up in the entrance exam for the orthopaedic surgery course at the Shahid Beheshti University of Medical Sciences
1998	Among the first 1% of the top graduates of the general MD course at the Shahid Beheshti University of Medical Sciences

Publications

- **"Multiple Fracture-dislocation in hip joint (a Case Report)"** by: Khatibi H and Tavakkoli-Darestani R, published in Feyz Seasonal Medical Journal (Autumn 2004)
- **"A comparison between spica casting and intramedullary nailing of femoral shaft fracture in children"** by: Azarbal M and Tavakoli-Darestani R, published in Pejouhandeh Bimonthly Research Journal (Vol. 10, June 2005)
- Post-graduate Thesis Supervisor. The title of Thesis: **"Investigation of Fractal Geometry in Cancellous Bone and Its Relation with Bone Density"** (2008).
- **"Computation Modeling of Nano-bimolecular Motors: A Review of Recent Result"** by: Rafiei-tabar H and Tavakoli-Draestani R ,journal of computational and theoretical Nanoscience Volume 6,Number 4 (April 2009) pp.806-819
- **"Molecular Dynamic Stimulation of Stress-Strain Relation in Carbon Nanotube-Reinforced Hydroxyapatite Nanocomposite"** by: K.Yaghmaei ,R.Tavakoli-Darestani , H. Rafiei-tabar , ,journal of computational and theoretical Nanoscience Volume 8,Number 9 (2011).
- **"Acromioclavicular Joint Fixation Using an Acroplate Combined With a Coracoclavicular Screw"** by :Reza Tavakoli Darestani , Arash Ghaffari , Mehrdad Hosseinpour , journal of Archives of Trauma Research ,2013.
- **"Electrophysiological Assessment of Injury to the Infra-patellar Branch(es) of the Saphenous Nerve during Anterior Cruciate Ligament Reconstruction Using Medial Hamstring Auto-grafts: Vertical versus Oblique Harvest Site Incisions"** by : Reza Tavakoli Darestani ,Mohammad Mehdi Bagherian Lemraski , Mehrdad Hosseinpour , Amin Kamrani-Rad ,journal of Archives of Trauma Research, December 2013
- **" Modeling the buckling behavior of carbon nanotubes under simultaneous combination of compressive and torsional loads"** by:B. Motevalli, A. Montazeri, R. Tavakoli-Darestani, H. Rafii-Tabar, Journal.
- **" Dexamethasone-loaded hydroxyapatite enhances bone regeneration in rat calvarial defects"** by: Reza Tavakoli-darestani, Alireza Manafirasi & Amin Kamrani-rad, Journal Molecular Biology Reports ,December 2013.

Additional Information

- Participated in the 82nd Research Methodology Workshop of Shahid Beheshti Medical University (2001).
- Participated in the Annual Continuing Education of Iranian Orthopaedic Association (2001 – present).
- Participated in the SYNTHES LCP-Seminar with workshop in Iran (October 2005).
- Participated in the Annual Continuing Education of Iranian Association of Surgeons (2005 – present).
- Participated in the Annual Continuing Education of Persian Orthopaedic Trauma Association (2005 – present).
- Participated in the Special Program for 100 Sessions of Continuing Education of Shahid Beheshti Medical University (2005).
- Participated in the Evidence Based Medicine (EBM) Workshop of Shahid Beheshti Medical University (2007).
- Participated in Preceptor Education Reform Workshop of Shahid Beheshti Medical University (2007).
- Invited speaker at Pelvic Fracture CME of Shahid Beheshti Medical University (2006). The titles of the talks: “Pelvic Anatomy”
- Invited speaker at 15th Session of Iranian Orthopaedic Association Congress (2007). The title of the talk: “Management of Open Fracture (General Consideration)”
- Member of Panel in the 15th Session of Iranian Orthopaedic Association Congress (2007). The title of the Panel: “Amputation V/S Limb Salvage”
- Invited speaker at POTA 3rd Annual Seminar (2008). The title of the talk: “Complication of Tourniquet”
- Invited speaker at 14th Session of Orthopaedic CME of Shahid Beheshti Medical University (2007). The titles of the talks: “ Non Surgical Management of Knee DJD”
- Invited speaker at 3rd Iranian Hip Surgeons Association Congress (2007). The titles of the talks:
 - > Hip Dislocation After Total Hip Arthroplasty
 - > Total Hip Arthroplasty Infection
- Invited speaker at 15th Session of Orthopaedic CME of Shahid Beheshti Medical University (2008). The titles of the talks:
 - > Anatomy and Bio Mechanic of Pelvic Ring
 - > Methods of treatment for Acetabular Fractures
 - > Choice of Surgical Approach in Pelvic Fracture
- Invited speaker at Ring External Fixator CME of Tehran Medical University (2008). The titles of the talks: “ Post Operative Management and Complications of Ring External Fixator”
- Invited speaker at Iranian Orthopaedic Association. The titles of the talks: “Acetabular fractures management”.(august 2008)
- Invited speaker at reconstructive surgery in orthopedics congress, CME of Iran Medical University (2008). The titles of the talks: “ Hip Impingement syndrome.”
- Invited speaker at POTA 4th Annual Seminar (2009). The title of the talk: “Orthopedic aspects of child abuse.”
- Member of pediatric orthopedics Panel in POTA 4th Annual Seminar (2009). The title of the panel: “trauma in children.”
- Participated in 7th Session of Orthopaedic CME of Tehran university (2009). The title: “news in orthopedic surgery.”
- Participated in the AO Trauma Course, February 18-21, 2009 Tehran, Iran. The title: “ Advances in operative fracture management.”
- Invited speaker at CME of Shahid Beheshti Medical University for general physicians (2009). The titles of the talks:
 - > Knee examination
 - > Mid tarsal injuries in athletes
 - > Basic science of muscles and tendons
 - > Shin splint syndrome
 - > Meniscal injuries
- Assignment as Member of Appraisal Team of Orthopaedic Group in Shahid Beheshti Medical University (2007)
- Actively engaged in research in medical nano-technology field.
- Member of the consortium on “Application of nano-technology in medical and Industrial fields”.
- Research collaborator with the Centre for Medical Nano-technology and Tissue Engineering at Shahid Beheshti University of Medical Sciences working in the field of “ The interaction of osteoblast cells with nano-scale roughened orthopaedic implant surfaces”
- Research collaborator with the Department of Nano-science, Institute for Research in Fundamental Sciences (IPM) working on the modeling of rough surfaces and nano-bimolecular motors.
- Member of the project to design and build nano-structured reinforced orthopaedic bio ceramics. This project involves the collaboration between Shahid Beheshti University of Medical Sciences, the IPM, and the Mechanical Engineering Department at Sharif University of Technology. It is supported by the Iranian Nano-technology Initiative (SETAD) and the Foundation to Support the Iranian Researchers.
- Collaborating in research on “Pre-operative Malnutrition Evaluation in Patients with Fracture in Imam Hossein Hospital” with my Residents (2007).
- Participated in Zimmer institute Medical Education Course “ TKA Primary and Revision Instructional Course ” Stolzalpe/Murau, Austria on June 2009.
- Participated in Sixth SICAT/ SIROT Annual International conference Pattaya 2009.
- Participated in 8th Session of Orthopaedic CME of Tehran University (2010).
- Invited speaker at 8th Orthopaedic CME of Tehran Medical University (2010), The titles of the talk: “Nanotechnology In Orthopaedic Surgery”.
- Participated in AO Trauma Course “ Pelvic & Acetabulum” Graz, Austria 2010
- Participated in “ Arthrex Knee and Shoulder course” at ArthroLab Munich, Germany, August 2010,2015.
- Participated in EFFORT Congress Copenhagen, Denmark, 2011,2016 Geneva.
- Invited speaker at CME of Shahid Beheshti Medical University for general physicians (2011). The titles of the talks:
 - > Modulator of Panel “ pelvic & Acetabulum Fracture management
 - > Healing Enhancement in Meniscus repair
 - > Nanotechnology in Orthopaedic surgery
- Scientific secretary of CME of POTA “Pelvic Fracture Management” (2011).
- Participated in ISAKOS congress, Toronto 2013, Lyon 2015.
- Participated in Zimmer Institute Medical Education Course 2014, 2015.
- Participated in Arthrex International Shoulder Arthroscopy Course.
- Participated in Arthrex International Mega Foot & Ankle Workshop(2018).