

## **Curriculum Vitae**



### **PERSONAL INFORMATION**

Name	Shojaie
Surname:	Babak
Date of Birth:	07.02.1980
Place of Birth:	Tehran/Iran
Sex:	Male
Nationality:	Iranian/Deutsch
Marital Status:	Married
Mailing Address:	Wasser Str 7a 26169, Friesoythe, Germany
Phone	0049-176-617-57445
Email:	bshojaie@yahoo.com

## **Medical Education**

**Doctoral Degree (MD)** Iran University of Medical Sciences, Tehran, Iran  
Medical school,  
09/1998 - 03/2006

## **Professional Experiences**

**01.06.2008-01.06.2009**

**General Physician, Emergency department**  
Nasim Gheytaieh medical Center, Tehran, Iran

**15.06.2009-15.09.2012**

**Resident, Orthopaedic Hand and traumatology surgery Department**  
Sana-Klinikum Hameln/Pyrmont medical Center, University of medical Science, Hannover,  
Hameln-Bad Pyrmont, Germany  
Supervisor: prof. Dr .med. Hanckemeier

**15/09/2012- 01/02/2015**

**Resident, Orthopaedic and Traumatology surgery**  
Bremen Nord Medical Center, Göttingen University of Medical Science, Germany  
Supervisor: Prof. Dr, Med. Neudeck

**01.03.2015-31.08.2015**

**Registrar, Hand and Upper Extremities Surgery fellowship,**  
Rhön- klinikum, Bad Neustadt Hand surgery International Campus, Bad Neustadt, Germany  
Supervisor: Prof.Dr. Prommersberger, Prof. Dr. Vanschoonhoven

**01.09.2015-01.03.2016**

**Consultant, Department of Orthopedic surgery and Traumatology**  
Salzgitter Hospital, Salzgitter Bad, Germany  
Supervisor: Dr.Med. Wähling

**01.03.2016-01.05.2017**

**Registrar, Fellow of Hand- and Reconstruction Surgery**  
Landshut-Achdorf Hospital, Hand and Plastic surgery Department, Tech. University of Munich  
(TUM), Germany  
Supervisor: Dr. Med.Hartl

**From 10.2017**

**Adjunct Professor, department of Orthopedic and Hand Surgery**  
Mashhad University of medical Science, Mashhad, Iran

**01.08.2017-01.03.2019**

**Registrar, Hand and Upper Extremities Surgery fellow, Orthopedic, Hand & Reconstruction Surgery Department**

St.Marien Medical Campus, Friesoythe, Germany

Supervisor: Dr.Med. Renno

## **Current Position**

**From 08.2017**

**Assistant Professor, Department of Orthopedic, Hand & Reconstruction Surgery**

St.Marien Medical Campus, Friesoythe, Germany

## **Professional Certifications:**

28.11.2013

German Approbation, Bremen

28.10.2015

Board of Orthopedic and Traumatology Radiology, Bremen

15.01.2015

German Board of Orthopedic Surgery and Traumatology, Bremen

06.12.2016

German Board of Acupuncture, Hannover

17.07.2017

German Board of Emergency Medicine, Munich

28.03.2019

German Board of Hand surgery, Hannover

4.12.2019

Adjunct Professor Certificate, Mashhad University of Medical Sciences (MUMS)

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01.02.2020

Iranian Board of Orthopedic Surgery, Tehran,Iran

01.02.2020

Iranian fellowship of Hand surgery, Tehran,Iran

## **FELLOWSHIPS/ EXPERIENCES**

### **Fellowship of Emergency Medicine, Munich University of medical Science (TUM)**

Landshut Hospital, University of Medical Science, German Medical Council

01.2016-07.2017

### **Fellowship of Acupuncture and Pain Therapy,**

Pain Center, University of Munich, German Medical Council

05.2015-05.2017

### **Hand and Microsurgery Fellowship**

Bremen Mitte Medical Center, Göttingen university of medical science, Bremen, Germany

Supervisor: Prof. Dr, med. Cedidi

11-12.2014

### **Hand, Micro and Upper Extremities Surgery Fellowship**

Massachusetts General Hospital, Harvard Medical School,

Boston, MA, USA

Supervisor: Dr.Ring, Dr.J.Jupiter

04-09.2014

### **Orthopedic, Hand and Upper Extremities Surgery Traveling Fellowship**

Akhtar Hospital,Shahid beheshti medical University ,Tehran, Iran

Supervisor: Dr.A.A. Esmaili Jah

03-04.2014

### **Clinical Attachment, Barts and The London Hospital, Queen Marry University**

London, UK

Supervisor Prof. Dr .Med. Grossman

05.2008

## **Traveling grants:**

2014 AO Fellowship, Boston, USA

## **RESEARCH EXPERIENCES**

### **The Effect of Ozone (O3) versus Hyaluronic Acid on Pain and Function in Patients with Knee Osteoarthritis: A Systematic Review and Meta-Analysis**

Javad Javadi Hedayatabad, Negar Taher Chaharjouy, Niloufar Vaziri , Hassan Mehrad-Majd , Maryam Emadzadeh, Mansour Abolghasemia, **Babak Shojaie**, Amir R. Kachooei  
Orthopedic Research Center, Mashhad University of Medical Sciences, Mashhad, Iran; Clinical Research Unit, Faculty of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran; Assistant Professor of Orthopaedic Surgery, Iran University of Medical Sciences, Tehran, Iran, Rothman Institute, Thomas Jefferson University, Philadelphia, USA, Department of Orthopedic and Trauma Surgery, Division of Hand Surgery, St Marien Stift Hospital, Friesoythe Germany

### **The Effect of Length of the Plates and the Number of Screws on Construct Stiffness in Fixation of Type A2 Distal Humerus Fractures: A Biomechanical Study Using Finite Element Method**

Amir R Kachooei <sup>1</sup>, Ahmadreza Zarifian <sup>1</sup>, Ali Akbarinezhad Fough <sup>1</sup>, Denise Eygendaal <sup>2,3</sup>, Michael Rivlin <sup>4</sup>, Seyed Ali Mousavi Shaegh <sup>5</sup>, **Babak Shojaie** <sup>6</sup>

Orthopedic Research Center, Mashhad University of Medical Sciences, Mashhad, Iran; <sup>2</sup> Department of Orthopedic Surgery, Amphia Hospital, Breda, the Netherlands; <sup>3</sup> Department of Orthopedic Surgery, Academic Medical Center, University of Amsterdam, Amsterdam, the Netherlands; <sup>4</sup> Department of Orthopedic Surgery, Division of Hand Surgery Rothman Institute, Jefferson Medical College, Philadelphia, USA; <sup>5</sup> Orthopedic Research Center, Mashhad University of Medical Sciences, Mashhad, Iran Clinical Research Unit, Mashhad University of Medical Sciences, Mashhad, Iran; <sup>6</sup> Department of Orthopedic and Trauma Surgery, Division of Hand Surgery, St Marien Stift Hospital, Friesoythe Germany

### **Howe severe is the pain when recurred after receiving corticosteroid injection?**

Amir R Kachooei <sup>1</sup>, **Babak Shojaie** <sup>2</sup>

<sup>1</sup> Orthopedic Research Center, Mashhad University of Medical Sciences, Mashhad, Iran; <sup>2</sup> Department of orthopedic and Hand Surgery, St Marien Stift Hospital, Friesoythe, Germany

### **Cubitus Varus Corrective Osteotomy and Graft Fashioning Using Computer Simulated Bone Reconstruction and Custom-Made Cutting Guides, A Case Report Study**

Authors: Amir Kachooei <sup>1</sup>, **Babak Shojaie** <sup>2</sup>, Ashkan Sedigh <sup>2</sup>, Mohammad Zohoori <sup>3</sup>, Mohammad Ebrahimzadeh

<sup>1</sup> Orthopedic Research Center, Mashhad University of Medical Sciences, Mashhad, Iran; <sup>2</sup> Department of Orthopedic and Hand Surgery, St Marien Stift Hospital, Friesoythe, Germany; <sup>3</sup> Orthopedic Research Center, Mashhad University of Medical Sciences, Mashhad, Iran; <sup>4</sup> Orthopedic Research Center, Mashhad University of Medical Sciences, Mashhad, Iran; <sup>5</sup> Orthopedic Research Center, Mashhad University of Medical Sciences, Mashhad, Iran

### **Bilateral Arm-Abduction shoulder Radiography to Determine the Involvement of the Scapulothoracic Motion in Frozen Shoulder**

Authors: Fei Wu MD, Amir R. Kachooei MD; Mohammad H Ebrahimzadeh MD; Farshid bagheri MD, Ehsan Hakimi MD; **Babak Shojaie** MD; Ara Nazarian PhD

Orthopedic research center, Mashhad University of medical sciences, Mashhad, Iran

### **Intra-operative diagnosis of interosseous membrane (IOM) rupture accompanied with radial head fractures in Essex- Lopresti; Cadaveric study**

Authors: Amir Kachooei MD, Mike Rivlin MD, **Babak Shojaie MD**, Chaitanya Mudgal MD

Department of Orthopaedics, Massachusetts General Hospital, Harvard University, Boston, MA

### **Clinical Diagnosis of Inter-Osseous Ligament (IOL) Rupture - Cadaveric Study**

Authors: Amir Kachooei, Mike Rivlin, Kyle Eberlin, **Babak Shojaie**, Fei Wu, David Ring

Department of Orthopaedics, Massachusetts General Hospital, Harvard University, Boston, MA

### **Double blind, Prospective Control study on Comparison between transabdominal sonography with endoscopic retrograde cholangiopancreatography (ERCP) in post cholecystectomy patients in “Hazrat-Rasoul” and “Shohadaye-Hafte-Tir” hospitals during 2003 to 2004**

Authors: **Babak Shojaie** (MD), Amin Zargar (MD), S. M. Hashemi, Department of Surgery, Iran University of medical science, Tehran, Iran

## **Patent:**

US patent: Elbow Exoskeleton Utilizing A Combination Of Electrical Stimulation And Near-Infrared Spectroscopy (no. 62670724)

## **Presentations:**

2019 June 3-6 14<sup>th</sup> IFESSH Triennial Congress 2019, Berlin, Germany

Oral Presentation: Itra-Operative evaluation of the intraosseous Membrane (IOM) of the Forearm

2018 Nov 22-24 2<sup>th</sup> Annual Shoulder, Elbow and Hand Meeting, Mashhad, Iran

Paper: Case Discussion: Madelung Deformity, The Ways of Treatment,

2018 Nov 22-24 2<sup>th</sup> Annual Shoulder, Elbow and Hand Meeting, Mashhad, Iran

Paper: Variation in operative treatment for De Quervain's Tendinopathy

2018 Oct 22-26 Tehran, Iran 26<sup>th</sup> Annual Meeting of Iranian Orthopedic Association

Bilateral Arm Abduction Shoulder Radiography to Determine the Involvement of the Scapulothoracic Motion in Frozen Shoulder (Poster presentation)

2017 Oct 1<sup>st</sup> Annual Shoulder, Elbow and Hand Meeting, Mashhad, Iran

Paper: Open vs Arthroscopic TFCC Tear Repair,

2017 Nov, Handchirurgischen Symposium, AIOD Oldenburg Deutschland,

Oral presentation :Madelung Deformity, a Case Report

2017 March 19-22 ORS 2017 Annual Meeting, San Diego, California

Bilateral Arm-Abduction Shoulder Radiography to Determine the Involvement of the Scapulothoracic Motion in Frozen Shoulder (Poster presentation)

2015 Sep 7<sup>th</sup> American Society for surgery of the Hand (ASSH), Seattle, WA, USA

Itra-Operative evaluation of the intraosseous Membrane (IOM) of the Forearm (Poster Presentation)

2015 Feb American Association of Hand Surgery (AAHS) annual meeting, Bahamas, USA,

Itra-Operative evaluation of the intraosseous Membrane (IOM) of the Forearm (Poster Presentation)

2014 October 3-5 8<sup>th</sup> Bari International Conference on hemophilia, Bari, Italy

"Influencing factors on the functional level of haemophilic patients assessed by fish."

2014 October 3-5 8<sup>th</sup> Bari International Conference on hemophilia, Bari, Italy

"Vicious cycle of multiple invasive treatments in a hemophilic inhibitor positive child with resistant knee flexion contracture. A case report."

2014, OCT 22<sup>nd</sup> Annual meeting of the Iranian Orthopedic Association, Tehran Iran,

Itra-Operative evaluation of the intraosseous Membrane (IOM) of the Forearm

## **Publications:**

1. Wu F, Kachooei AR, Ebrahimzadeh MH, Bagheri F, Hakimi E, **Shojaie** B, Nazarian A. Bilateral Arm-Abduction Shoulder Radiography to Determine the Involvement of the Scapulothoracic Motion in Frozen Shoulder. Arch Bone Jt Surg. 2018 May;6(3):225-232.

2. Ebrahimzadeh MH, Vahedi E, Baradaran A, Birjandinejad A, **Shojaie B**, Seyyed-Hoseinian , Bagheri Kachooei AR. Psychometric Properties of the Persian Version of the Simple Shoulder Test (SST) Questionnaire. *Arch Bone Jt Surg*. 2016 Oct;4(4):387-392

3. Kachooei AR, Rivlin M, **Shojaie B**, van Dijk CN, Mudgal C. Intraoperative Technique for Evaluation of the Interosseous Ligament of the Forearm. *J Hand Surg Am*. 2015 Dec;40(12):2372-6.e1. doi: 10.1016/j.jhssa.2015.08.030. Epub 2015 Nov 5.

4. 2014 Ebrahimzadeh MH, **Shojaie B**, Golhasani-Keshtan F, Moharreri F, Kachooei AR, Fattahi AS. Depression anxiety and quality of life in caregiving spouses of veterans with chronic spinal cord injury. *Iranian J Psychiatry*. 2014. 9;3:133-136.

5. 2014 Kachooei AR, Badiei Z, Zandinezhad ME, Ebrahimzadeh MH, **Shojaie B**; Mazlumi SM, Omid-Kashani F, Moradi A, Mahdavian-Naghashzargar R, Razi S. Influencing factors on the functional level of hemophilic patients assessed by FISH. *Haemophilia*. 2014 Mar; 20(2):185-9. doi: 10.1111/hae.12273.

6. Kachooei AR, Badiei Z, **Shojaie B** . Moradi A, Zandinezhad ME. Vicious cycle of multiple invasive treatments in a hemophilic inhibitor positive child with resistant knee flexion contracture, a case report. *Arch Bone Jt Surg*. 2013 December; 1(2):116-119. PMID: PMC4151423

### **Certified Trainings and Courses :**

1. Reanimation nach Megacode Grundlagenschulung, 09.2009
2. Medical Radiation Protection 10.2009
3. Common Trunk certificate ,University of München, 10.2009
4. certificate of transfusion 11.2009
5. Certificate of Basic Radiation in Medicine ,University of Hannover, 11.2009
6. Certificate of Radiology Diagnostic in Traumatology, University of Hannover 12.2009
7. Certificate of Emergency Sonography (FAST) 01.2010
8. Certificate of Shoulder Sonography 04.2010
9. certificate of Knee Sonography 04.2010
10. Certificate, AO Trauma Course- principles in operative fracture management ,Münster, Germany, 09.2010



11. Certificate of Emergency Medicine (80 hour course) (Teil A-D)06.2011
12. Certificate,AO Trauma Course- advances in operative fracture management, Marco Island,FL,USA,06.2012
13. Sport Medicine, Ski Trauma, Dizin ,Iran, Jan 2013
14. Certificate, AO-Trauma Kurs, Zugangswege und Osteosynthesen ,Graz, Austria, Feb,2013
15. Fortbildungsveranstaltung der Klinik für plastische,rekonstruktive and ästhetische Chirurgie,Klinikum Bremen Mitte,06.2013
16. CITI Certificate, MGH, Boston,USA,06.2014
17. 17Fractures of the Distale Radius:Current state of the Art, ASSH,US; June 2014
18. Short-term Fellowship Certificate ,MGH, Harvard medical school, Orthopedic Hand Service, Boston, MA, USA, July 2014
19. 10 Jahrestagung der Sektion Handchirurgie der DGU; Düsseldorf, April 2015
20. Rhizarthrose und Dupuytren Kurs,Rhönklinikum Bad Neustadt,Jan 2016
21. Diplom, 10.Berliner Mikrochirurgiekurs , MAZ Center of Microsurgery Education;Austrian Medical Council ,Feb 2016
22. Diplom,Standardoperationen an der Hand, MAZ Center of Microsurgery Education; Austrian Medical Council ;07.2016
23. Certificate,38.Handchirurgischer Operationskurs mit Arthroskopie-Workshop, Universität Gießen und Marburg, Gießen , Feb 2017
24. Certificate, Handchirurgischen Symposium, Komplikationsmanagement in der Handchirurgie ,Oldenburg,Nov 2017
25. 14.Norddeutschen AOTrauma-Seminar, Dec 2017
26. Certificate, 36. Arthroskopiekurs, Gesellschaft für Arthroskopie und Gelenkchirurgie(AGA),(DVSE) Arosa, Jan 2018 Arosa, Swiss
27. FESSH Academy Certification, Budapest, Hungary

## **MEMBERSHIPS**

Member of German Association of Hand Surgery (DGH)  
Member of American Association of Hand Surgery (AAHS)  
Member of Iranian Association for Hand surgery  
Member of Deutsche Association of Orthopedic Surgeons Nummer 125950  
Member of AO Trauma  
Medical Council of Germany, German Approbation No.62250,  
Medical Council of Iran, Iranian Approbation No.112317

## **Editorial Activities:**

Editorial Board	The Archives of Hand Surgery
Reviewer, Editor	Archives of Bone and Joint Surgery
Reviewer	Medical Journal of Mashhad University of Medical Sciences

## **Language Skills:**

Persian (Farsi): mother tongue  
English: fluent spoken and written  
German: fluent spoken and written