

# CV

## MOHAMMADREZA ETEMADIFAR MD

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Esfahan, Iran  
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### Education

*-Doctorate of medicine(MD)/1986-93*

Isfahan university of Medical Sciences(IUMS)  
Esfahan, Iran

*-Board of orthopedics (residency program)/1993-97*

Isfahan university of Medical Sciences(IUMS)  
Esfahan, Iran

*-pediatric spine fellowship/1999-2001(18 months)*

Iran university of Medical Sciences  
Tehran, Iran

### Experience

*General orthopedic practice/1997-1999*

IUMS Kashani general hospital, Esfahan, Iran

*Assistant professor of orthopedics/2001-2014*

IUMS Alzahra general hospital, Esfahan, Iran

*Associate professor of Orthopedics/2014-present*

IUMS Alzahra general hospital, Esfahan, Iran

*Administrator residency program/2008-present*

IUMS Alzahra general hospital, Esfahan, Iran

*Head of spine surgery department/2013- present*

IUMS Alzahra general hospital, Esfahan, Iran

*Private orthopedic clinic/2004-present*

Esfahan, Iran

*Private Orthopedic spine practice/2004- present*

Khanevadeh Hospital, Esfahan, Iran

Awards and Acknowledgements

*1st rank in MD graduation/1993*

*1st rank in board of orthopedics graduation/1997*

English language proficiency:

IELTS: 2012Score of 7.5

TOEFL(ibt): may,2016 score of 100

Paper Publications:

Preparation and mechanical behavior of PLGA/nano-BCP composite scaffolds during in-vitro degradation for bone tissue engineering

M Ebrahimian-Hosseiniabadi, F Ashrafizadeh, M Etemadifar, ...  
Polymer degradation and stability, 96 (10), 1940-1946,2011

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Evaluating and modeling the mechanical properties of the prepared PLGA/nano-BCP composite scaffolds for bone tissue engineering

M Ebrahimian-Hosseiniabadi, F Ashrafizadeh, M Etemadifar, ...  
Journal of Materials Science & Technology, 27 (12), 1105-1112, 2011

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Relationship of knowledge about osteoporosis with education level and life habits

MR Etemadifar, SM Nourian, M Fereidan-Esfahani, H Shemshaki, ...  
World journal of orthopedics, 4 (3), 139, 2013

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Comparison of anterior subcutaneous and submuscular transposition of ulnar nerve in treatment of cubital tunnel syndrome: A prospective randomized trial

A Zarezadeh, H Shemshaki, M Nourbakhsh, MR Etemadifar, M Moeini, ...  
Journal of research in medical sciences: the official journal of Isfahan ... ,2012

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What is the source of low back pain?

H Shemshaki, SMA Nourian, M Fereidan-Esfahani, M Mokhtari, ...  
Journal of Craniovertebral Junction and Spine, 4 (1), 21, 2013

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The results of core decompression treatment in patients with avascular necrosis of femoral head in patients at Isfahan City educational hospitals in 2010-2011

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- M Etemadifar, M Kooskzari, N Khalilollah, MK Ali, B Mahsa  
Advanced biomedical research3, 2014
- 
- Clinical findings and results of surgical resection in 19 cases of spinal osteoid osteoma  
MR Etemadifar, A Hadi  
Asian spine journal9 (3), 386-393, 2015
- 
- Efficacy of tibial proximal osteotomy in correction of lower limb alignment indexes in patients with osteoarthritis in medial compartment of knee  
M Nourbakhsh, M Motififard, H Shemshaki, M rezaEtemadifar, ...  
Medical Archives66 (1), 58, 2012
- 
- Comparison of Scheuermann's kyphosis correction by combined anterior-posterior fusion versus posterior-only procedure  
M Etemadifar, A Ebrahimzadeh, A Hadi, M Feizi  
European Spine Journal25 (8), 2580-2586, 2016
- 
- Gait analysis in adolescent idiopathic scoliosis walking with Boston brace  
MT Karimi, M Kavyani, MR Etemadifar  
Scoliosis9 (S1), O24, 2014
- 
- Recurrent hydatosis at the site of non-union humerus fracture  
M Nourbakhsh, H Shemshaki, A Zarezadeh, MR Etemadifar, ...  
International journal of preventive medicine3 (9), 660, 2012
- 
- Intraosseous ganglion cyst of olecranon  
A Zarezadeh, M Nourbakhsh, H Shemshaki, MR Etemadifar, ...  
International journal of preventive medicine3 (8), 581, 2012
- 
- Evaluation of the energy expenditure during walking in adolescent idiopathic scoliosis patients  
BM KAVIANI, MT KARIMI, MR Etemadifar  
JOURNAL OF PARAMEDICAL SCIENCE AND REHABILITATION (JPSR) 4 (3), 59-65
- 
- Translation and cultural adaptation of the Oxford hip score for iranian population  
M Nourbakhsh, A Zarezadeh, H Shemshaki, MR Etemadifar, M Moezi, ...  
International journal of preventive medicine 4 (2), 141
- 
- Osteoid osteoma of cervical spine in two adjacent vertebrae  
MR Etemadifar, AR Ebrahimzadeh, M Karimian  
Journal of Research in Medical Sciences 10 (5), 319-321
- 
- Total spine and posterior fossa MRI screening in adolescent idiopathic scoliosis (177 cases)  
MR Etemadifar, B Mobini, H Behtash, E Ameri  
Journal of Research in Medical Sciences 10 (3), 163-166
- 
- Posterolateral instrumented fusion with and without transforaminal lumbar interbody fusion for the treatment of adult isthmic spondylolisthesis: A randomized clinical trial with 2-year follow-up  
MR Etemadifar, A Hadi, MF Masouleh  
Journal of craniovertebral junction & spine, 2016, 7 (1), 43
- 
- Causes and rates of revision total knee arthroplasty: Local results from Isfahan, Iran  
M Motififard, M Pesteh, MR Etemadifar, S Shirazinejad  
Advanced biomedical research 4
- 
- Evaluation the immediate effects of bracing on kinetic parameters in adolescent idiopathic scoliosis patients  
MT Karimi, M Kavyani, MR Etemadifar  
Scoliosis,2014, 9 (S1), O58
- 
- Rotational dislocation of the thoracolumbar spine: Case report and review of the literature.  
UK Debnath, SN Maripuri, B Mobini, MR Etemadifar, ...  
Journal of Neurosurgery: Spine, 2007, 6 (2), 161-164
- 
- Successful brace treatment of Scheuermann's kyphosis with different angles  
MR Etemadifar, MH Jamalaldini, R Layeghi
-

Journal of Craniovertebral Junction and Spine, 2017, 8 (2), 136

Evaluating Accuracy of Free-hand Pedicle Screw Insertion in Adolescent Idiopathic Scoliosis Using Postoperative Multi-Slice Computed Tomography Scan

M Etemadifar, M Jamalaldini

Advanced biomedical research 6, 2017

Effects of Nano-biphasic Calcium Phosphate Composite on Bioactivity and Osteoblast Cell Behavior in Tissue Engineering Applications

M Ebrahimian-Hosseiniabadi, M Etemadifar, F Ashrafizadeh

Journal of medical signals and sensors 6 (4), 237, 2016

THE INFLUENCE OF TRUNK BRACING ON TIME, SPATIAL PARAMETERS, SYMMETRY OF GROUND REACTION FORCE AND LOADING RATE IN ADOLESCENT IDIOPATHIC SCOLIOSIS

MT Karimi, M Kavyani, F Fatoye, ES Damneh, MR Etemadifar

Journal of Mechanics in Medicine and Biology 16 (02), 1650009, 2016

Operative management of acetabular fracture: A 10-year experience in Isfahan, Iran

M Etemadifar, A Nemat, M Chinigarzade

Advanced biomedical research 5, 2016

The Results of The Surgical Treatment of Idiopathic Adolescent Scoliosis

M Etemadifar, A Mahmoodian, F Mahnam

Journal of Isfahan Medical School 27 (97), 365-372, 2009

PROTEUS SYNDROME: A VERY RARE DISORDER, REPORT OF A CASE AND REVIEW OF LITERATURE (CASE REPORT)

M Etemadifar, Ali Andalib

JOURNAL OF ISFAHAN MEDICAL SCHOOL (IUMS) 25 (8), 58-61, 2008

## Professional developments:

International meetings attended:

-Eurospine meetings: 2014,2012,2011,2010,2008,2007

-IMAST meetings:2014,2013,2012,2009

-SRS annual meetings: 2013,2016

-Spine osteotomy course Barcellona/2015

-2<sup>nd</sup> International spine deformity symposium/Chicago,US, November 2016

-SOSORT annualmeetings: 2015,2014

Regional meetings attended:

-AOSpineMiddleeast: 6 advanced courses in Iran

-Middle east spine meeting/Istanbul, turkey 2003

Local and national meetings attended:

-About 20 local orthopedic CME courses in Esfahan , Iran

-Iranian orthopedic Association meeting: 1998- 2016



Observerships:

- Sick kid's hospital, Toronto, Canada: 2013 September and September to December 2015
- Toronto west hospital, Toronto, Canada: 2014 march and September 2015 to march 2016
- Arkansas children hospital: 31 October to 5 November 2016
- Children hospital of orange county: November 2016

Workshops and courses attended:

- basic and advanced workshops of research in medicine
- basic and advanced workshops of medical exams design
- peer review workshop
- AOs spine faculty training course
- Medtronic Workshop Diam: Tehran, Iran
- Zimmer workshop Dynesys: Tehran, Iran
- Medtronic workshop Metrex: Tehran, Iran

Lectures, presentations:

- 1-Total spine MRI in adolescent idiopathic scoliosis, Iran Orthopedic association annual meeting 2004 (accepted for oral presentation in annual SRS meeting 2004 Argentina)
- 2- OUTCOME ASSESSMENT AFTER DOING TLIF IN ISTHMIC SPONDYLOLISTHESIS, Iran Orthopedic association annual meeting 2010
- 3-EVALUATION THE IMMEDIATE EFFECTS OF BRACING ON KINETIC PARAMETERS IN ADOLESCENT IDIOPATHIC SCOLIOSIS PATIENTS, SOSORT 2014, GERMANY
- 4-GAIT ANALYSIS IN ADOLESCENT IDIOPATHIC SCOLIOSIS WALKING WITH BOSTON BRACE, SOSORT 2014, GERMANY
- 5- Posterolateral instrumented fusion (PLF) with and without transforminal lumbar interbody fusion (TLIF) for the treatment of isthmic spondylolisthesis: a randomized clinical trial with 2-years follow-up, eurospine 2014 Lyon France
- 6-Clinical findings and results of surgical resection in 19 cases of spinal osteoid osteoma, Iran Orthopedic association annual meeting 2014

7- Comparison of results of surgical treatment of Scheuermann kyphosis with ant& post approach versus posterior only approach, Iran Orthopedic association annual meeting 2014 (accepted for oral presentation in GSC: 2015,SRS:2015)

8-**Efficacy of Low-profile Milwaukee Brace for Correction of Scheuermann's Kyphosis**, SOSORT 2015 oral presentation

lectures and academic presentations in National CMEs, symposiums and courses:

more than 100 presentations in accredited CME courses in Iran

As local guest lecturer in many local orthopedic and spine related meetings.

local faculty in 3AO spine courses in Iran

Society memberships:

AO spine society: 1997-present (gold member and local faculty)

AO spine Iran council: 2016-present

NASS: 2012-present

SRS fellow candidate

Member of Iran orthopedic board council: 2015-present

Iran orthopedic association: 1997- present

Iran spine society: 2001-present

Iran Spine Society Council: 2014-present

Esfahan orthopedic council: 2016-present

Cooperation with NGOs and organizations:

Consultant of Iran medical council in orthopedic cases: 1998-present

Consultant of Iran legal medicine organization: 2000- present