



Arash Khojasteh

DDS, OMFS

Assistant Professor of Oral and Maxillofacial Surgery
Shahid Beheshti University of Medical Sciences, Tehran, IRAN

A. PERSONAL INFORMATION

Full Name Arash Khojasteh

Contact Details

Work address: Department of Oral and Maxillofacial Surgery
Faculty of Dentistry
Shahid Beheshti University of Medical Sciences
Evin, Tehran
Taleghani University Hospital
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Education

2003 – 2008 Shahid Beheshti University of Medical Sciences
1997 – 2003 Tehran School of Dentistry

Qualifications and Professional Memberships

Qualifications

Oct 2008 Fellowship in Cleft Surgery
Sep 2008 Board Certified in Oral and Maxillofacial Surgery. OMFS
Jul 2003 Doctor of Dental Surgery.DDS
Tehran School of Dentistry

Professional Memberships

American Association of Oral and Maxillofacial Surgeons
International Association of Oral and Maxillofacial Surgeons
Iranian Society of Oral and Maxillofacial Surgeons
Iranian Dental Association

Present Appointment

Oct 2008 – present. Assistant Professor of Oral and Maxillofacial Surgery, Shahid Beheshti University of Medical Sciences

B. RESEARCH CONTRIBUTIONS

Publications – Peer Reviewed

Academic Journal Papers

	Cited by	<u>Year</u>
1. Sinus augmentation using human mesenchymal stem cells loaded into a [beta]-tricalcium phosphate/hydroxyapatite scaffold YS Shayesteh, A Khojasteh , M Soleimani, M Alikhasi, A Khoshzaban, N Ahmadbeigi Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2008 Aug;106(2):203-9. Epub 2008 Apr 18	<u>60</u>	2008
2. Marrow-derived mesenchymal stem cells-directed bone regeneration in the dog mandible: a comparison between biphasic calcium phosphate and natural bone mineral M Jafarian, MB Eslaminejad, A Khojasteh , F Mashhadi Abbas, MM Dehghan, R ... Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2008 May;105(5):e14-24	45	2008
3. Mesenchymal stem cells enhance bone regeneration in rat calvarial critical size defects more than platelete-rich plasma A Khojasteh , MB Eslaminejad, H Nazarian Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2008 Sep;106(3):356-62;.	34	2008
4. Secondary repair of alveolar clefts using human mesenchymal stem cells H Behnia, A Khojasteh , M Soleimani, A Tehranchi, A Khoshzaban, SH Keshel, R ... Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2009 Aug;108(2):e1-6.	<u>22</u>	2009
5. Effect of simvastatin administration on periodontitis-associated bone loss in ovariectomized rats H Vaziri, R Naserhojjati-Roodsari, N Tahsili-Fahadan, A Khojasteh , Journal of periodontology 78 (8), 1561-1567	<u>16</u>	2007
6. Intraosseous mucoepidermoid carcinoma of the maxilla in a teenager: a case report and review of literature AK Namin, M Moshref, H Shahoon, A Mashhadi, A Khojasteh Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2005 Dec;100(6):e93-6	12	2005
7. Superior repositioning of the maxilla in thalassemia-induced facial deformity: report of 3 cases and a review of the literature SH Mortazavi, A Khojasteh Journal of oral and maxillofacial surgery 65 (5), 1023-1031	<u>11</u>	2007
8. Treatment of Arteriovenous Malformations: Assessment of 2 Techniques-- Transmandibular Curettage Versus Resection and Immediate Replantation H Behnia, I Ghodoosi, MHK Motamedi, A Khojasteh , A Masjedi Journal of Oral and Maxillofacial Surgery 66 (12), 2557-2565	<u>9</u>	2008
9. Integration of medical education and healthcare service A Khojasteh , N Momtazmanesh, A Entezari, B Einollahi Iran J Public Health 38 (suppl 1), 29-31	<u>10</u>	2009
10. Implant placement in patients with oral bisphosphonate therapy: a case series GO Shabestari, YS Shayesteh, A Khojasteh , M Alikhasi, N Moslemi, A Aminian ... Clinical Implant Dentistry and Related Research 12 (3), 175-180	<u>11</u>	2010
11. Management of mandibular vascular malformation with sclerotherapy. Report	<u>5</u>	2006

[of two cases](#)A Hassani, [A Khojasteh](#), R Vahid

Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2006 Jul;102(1):99-103

12. [In vivo bone formation by canine mesenchymal stem cells loaded onto HA/TCP scaffolds: Qualitative and quantitative analysis](#)MB Eslaminejad, M Jafarian, [A Khojasteh](#), F Mashhadi Abbas, MM Dehghan, R ...
Yakhteh 10 (3), 205-2125 200813. [Measurement of volume changes of sinus floor augmentation covered with buccal fat pad: A case series study](#)A Hassani, [A Khojasteh](#), M Alikhasi, H Vaziri

Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2009 Mar;107(3):369-74

4 200914. [Autosomal dominant gigantiform cementoma associated with bone fractures](#)M Moshref, [A Khojasteh](#), B Kazemi, MV Roudsari, M Varshowsaz, B Eslami
American Journal of Medical Genetics Part A 146 (5), 644-6484 200815. [The effect of a constant electrical field on osseointegration after immediate implantation in dog mandibles: A preliminary study](#)YS Shayesteh, B Eslami, MM Dehghan, H Vaziri, M Alikhasi, A Mangoli, [A Khojasteh A.](#)

Journal of Prosthodontics 16 (5), 337-342

6 200716. [The anterior palate as a donor site in maxillofacial bone grafting: a quantitative anatomic study](#)A Hassani, [A Khojasteh](#), AN Shamsabad

Journal of oral and maxillofacial surgery 63 (8), 1196-1200

4 200517. [Toward social accountability of medical education in Iran](#)A Entezari, N Momtazmanesh, [A Khojasteh](#), B Einollahi

Iranian Journal of Public Health 38 (Suppl. 1)

3 200918. [Enhancing ectopic bone formation in canine masseter muscle by loading mesenchymal stem cells onto natural bovine bone minerals](#)MB Eslaminejad, M Jafarian, [A Khojasteh](#), F Mashhadi Abbas, MM Dehghan, B ...
Iranian J Vet Surg 2 (4), 25-353 200719. [Repair of the perforated sinus membrane with buccal fat pad during sinus augmentation](#)A Hassani, [A Khojasteh](#), M Alikhasi

Journal of Oral Implantology 34 (6), 330-333

3 200820. [Repair of alveolar cleft defect with mesenchymal stem cells and platelet derived growth factors: A preliminary report](#)H Behnia, [A Khojasteh](#), M Soleimani, A Tehranchi, A Atashi

J Craniomaxillofac Surg. 2012 Jan;40(1):2-7

1 201121. [Sandwich Bone Graft Covered With Buccal Fat Pad in Severely Atrophied Edentulous Maxilla: A Clinical Report](#)[A Khojasteh](#), H Mohajerani, F Momen-Heravi, M Kazemi, M Alikhasi

Journal of Oral Implantology 37 (3), 361-366

1 201122. [Mandibular pathologic fracture as a first sign of disseminated angiosarcoma: A case report and review of literatures](#)A Khodayari, [A Khojasteh](#)

Oral Oncology Extra 41 (8), 178-182

1 200523. [Hypermethylation of p16 Tumor-Suppressor Gene in Ameloblastic Carcinoma, Ameloblastoma, and Dental Follicles](#)[A Khojasteh](#), A Khodayari, F Rahimi, MH Ghaderian, M Jafarian, A Nayebi,

J Oral Maxillofac Surg. 2012 Jun 15

2012

25. [Bone regeneration with a combination of nanocrystalline hydroxyapatite silica gel, platelet-rich growth factor, and mesenchymal stem cells: a histologic study in rabbit calvaria](#) 2012
H Behnia, A Khojasteh, MT Kiani, A Khoshzaban, FM Abbas, M Bashtar, SG Dashti
Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, inpress
26. [The effect of He-Ne and Ga-Al-As laser light on the healing of hard palate mucosa of mice](#) 2012
F Fahimipour, M Mahdian, B Houshmand, M Asnaashari, AN Sadrabadi, Khojasteh A
Lasers in medical science, 1-8
26. [The Effect of Barrier Membranes on Regeneration of Bony Defects in Human and Animal Models: A Systematic Review](#) 2012
A Khojasteh, SH Mohajerani, S Soheilifar
Journal of Dental School 29 (5), 429-442
27. [Histologic evaluation of inferior alveolar lymphatics: an anatomic study](#) 2011
M Yaghmaei, F Mashhadiabbas, S Shahabi, A Zafarbakhsh, S Yaghmaei, A Khojasteh
Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2011 Nov;112(5):564-7
28. [Current Trends in Mesenchymal Stem Cell Application in Bone Augmentation: A Review of the Literature](#) 6 2011
A Khojasteh, H Behnia, SG Dashti, M Stevens
J Oral Maxillofac Surg. 2012 Apr;70(4):972-82.
29. [Vertical bone augmentation with simultaneous implant placement using particulate mineralized bone and mesenchymal stem cells: a preliminary study in rabbit](#) 2011
A Khojasteh, M Baghaban Eslaminejad, H Nazarian, G Morad, SG Dashti, H ...
J Oral Implantol. 2011 May 13
30. [Acute suppurative osteomyelitis of the lower jaw in Wolfram syndrome: Report of case and review of literature](#) 2005
H Mortazavi, H Shahoon, A Khojasteh
Oral Oncology Extra 41 (9), 191-194
31. [The effect of fluoxetine on bone regeneration in rat calvarial bone defects](#) 2009
SH Mortazavi, A Khojasteh, H Vaziri, A Khoshzaban, MV Roudsari, SHE Razavi.
Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2009 Jul;108(1):22-7
32. [A ten years epidemiologic study of salivary gland tumors in Loghman Hospital](#) 2009
H Mohajerani, MT Ghatan, A Khojasteh, SA Mohajerani, Journal of Dental School, 27 (3)
33. [Anterior Palate of the Maxilla as a Donor Site in the Oral and Maxillofacial Reconstructive Procedures.](#)
A HASSANI, A KHOJASTEHI, SA VAHDATI.
Asian Journal of Oral and Maxillofacial Surgery, 20 (3), pp. 135-138.
34. [Keratinized Primary De Novo Intraosseous Carcinoma of Mandible: Report of a Case and Literature Review](#) 2010
A Khodayari, M Elahi, A Khojasteh, S Atarbashi
Research Journal of Biological Sciences 5 (3), 233-240
35. [Step-by-step full mouth rehabilitation of a nasopharyngeal carcinoma patient with tooth and implant-supported prostheses: A clinical report](#) 2011
M Alikhasi, M Kazemi, S Nokar, A Khojasteh, S Sheikhzadeh
Contemporary Clinical Dentistry 2 (3), 256

36. [Massive Craniofacial Intraosseous Vascular Malformation Resembling Cystic Angiomatosis: Report of 2 Cases and Review of the Literature](#) 2011
S Hossein Mortazavi, A Khodayari, **A Khojasteh**, FM Abbas, L Mehrdad, MT Kiani
Journal of Oral and Maxillofacial Surgery 69 (1), 204-214
38. [Spontaneous Regeneration of the Mandible after Hemimandibulectomy: Report of a Case](#) 2011
A Khodayari, **A Khojasteh**, MT Kiani, A Nayebi, L Mehrdad, M Vahdatinia
Journal of Dentistry of Tehran University of Medical Sciences 8 (3), 152-156
39. [Simvastatin and lovastatin induce ectopic bone formation in rat subcutaneous tissue](#) 2011
B Houshmand, R Hassanizade, B Eslami, S Amouei, G Dashti, G Morad, **A Khojasteh**
Journal of Periodontology & Implant Dentistry 2 (1), 12-16
40. [A Comparative Study of Crestal Bone Loss and Implant Stability between Osteotome and Conventional Implant Insertion Techniques: A Randomized Controlled Clinical Trial Study](#) 2011
YS Shayesteh, **A Khojasteh**, H Siadat, A Monzavi, SH Bassir, M Hossaini, M ...
Clin Implant Dent Relat Res. 2011 Aug 4
41. [A Composite Buccal Flap for Alar Based Defect Reconstruction: A Technical Note](#)
F Pourdanesh, **A Khojasteh**
Journal of Dentistry of Tehran University of Medical Sciences 8 (4), 209-212
42. [Evaluation of PKM2 \(Pyruvate kinase, muscle2\) and MAPK8IP2 \(Mitogen-activated protein kinase 8 interacting protein 2\) polymorphism in Ameloblastic Carcinoma : A retrospective quantitative study.](#)
Khodayari A, Jafarian M, Akhlaghi F, Jahangirnia A, Naebi A, **Khojasteh A.**
Babol University Journal, 2012
43. [osteoblastic differentiation of human stem cells derived from bone marrow and periodontal ligament under the effect of enamel matrix derriative and transformaing growth factor- Beta](#)
Houshmand B, Behnia H, Khoshzaban A, Morad G, Behrouzi G, Dashti SGH, **Khojasteh A.**
Oral Craniofac Tissue Eng. 2012: 1, 252-262
44. [Effects of different growth factors and carriers on bone regeneration: A systematic review](#) 2011
Khojasteh A., Behnia H, Naghdi M, Esmaeilnejad M, Alikhasy Z, Stevens M.
Oral Surg Oral Med Oral Pathol Oral Radiol Endod, 2012, proof available
45. [Localized bone augmentation with cortical bone blocks tented over different particulate bone substitutes: A retrospective study.](#)
Khojasteh A., Behnia H, Shayesteh YS, Morad G, Alikhasi M.
International Journal of Maxillofacial Implants, 2012, 27 (6), 1481
46. [Oral and maxillofacial Burn.](#)
Mortazavi SH, **Khojasteh A.**, Bagheri SH, Khan M.
Chapter in Oral and Maxillofacial Trauma. R.J Fonseca. 2013, Proof available
47. [Exfoliation and Simultaneous Formation of Condylar Process Following Chronic Osteomyelitis of the Mandible.](#)
Pourdanesh F, Mohammadi M, **Khojasteh A.**, Yaghmaei M.
Journal of Craniofacial Surgery, 2012. Proof available

48. [An unpredictable complication following reconstruction of orbital floor with temporalis-coronoid flap after subtotal maxillectomy with four years follow up.](#)
Pourdanesh F, Mohammadi M, Khojasteh A, Yaghmaei M.
Journal of Craniofacial Surgery, 2012. Proof available
49. [The effectiveness of demineralized bone matrix with Mesenchymal stem cell and platelet rich in growth factors in rabbit calvaria bone defects.](#)
Behnia H, Khoshzaban A, Zarinfar M, Khojasteh A, J Dent Sch 2012; 30 (3): 143-154
50. [Effect of static magnetic fields on the osseointegration of immediately placed implants: a randomized-controlled clinical trial.](#)
Siadat H, Basir SH, Alikhasi M, Shayesteh YS, Khojasteh A, Monzavi A.
Clinical Implant Dentistry and related research. 2012, Implant Dent. 2012 Oct 30
51. [The effect of PCL-TCP scaffold loaded with mesenchymal stem cells on vertical bone augmentation in dog mandible: A Preliminary Report](#)
Khojasteh A, Behnia H, Hosseini S, Dehghan MM, Mashhadi Abbas F, Abbasnia P. Journal of Biomedical Material Research Part B. 2012, proof available
52. [Clinical importance of recipient site characteristics for vertical ridge augmentation: A systematic review of literature and proposal of a classification](#)
Khojasteh A, Behnia H, Morad G. Journal of Oral Implantology, 2012, forthcoming
53. [Healing of extraction sockets and augmented alveolar defects following one year treatment with oral and intravenous bisphosphonate: a preliminary study in a canine model.](#)
Khojasteh A, Behnia H, Morad G, Dashti SH, Dehghan MM, Shahab SH.
Journal of Craniofacial Surgery, 2012, proof available
54. [The effectiveness of barrier membranes on bone regeneration in localized vertical bony defects: A systematic review.](#)
Khojasteh A, Mohajerani SH, Soheili far S.
International Journal of Oral Implantology, 2012. Accepted

Citation indices

	All	Since 2008
Citations	333	325
h-index	10	10
i10-index	10	10

Publications – Not Peer Reviewed

Authored Books

- Translation of Zarb's Prosthetic Treatment for Edentulous Patients, 11th edition, 1997 textbook into Farsi.
- Writing of Decision making in Oral and Maxillofacial Surgery pathologic lesions, 2005, text book in Farsi
- Writing of the Esthetic in Dentistry, 2007, text book in Farsi
- Writing of the Tissue engineering and detomaxillofacial regeneration, 2011, textbook in Farsi
- Writing of the Evidence based Implantology, 2012, textbook in Farsi
- Oral and maxillofacial Burn. Mortazavi SH, Khojasteh A, Bagheri SH, Khan M. Chapter in Oral and Maxillofacial Trauma. R.J Fonseca. 2013, Proof available

Conference Contributions

Publications – In process

Academic Journal Papers

1. [Effect of microthread design on marginal bone resorption around dental implants placed in fresh extraction sockets.](#)
Khorsand A , Shayesteh YS , Naddafpour N, Dashti SGh, Khojasteh A.
Journal of Oral Implantology, 2012, Revision
2. [Cortical tenting grafting technique versus onlay layered technique for vertical augmentation of atrophic posterior mandibles: A split-mouth pilot study.](#)
Morad G, Khojasteh A.
European Journal of Implantology. 2012. Submitted
3. [The osteoregenerative effects of platelet derived growth factor BB co-transplanted with mesenchymal stem cells, loaded on freeze dried bone allograft: a pilot study in dog mandible.](#)
Khojasteh A, Behnia H, Dashti SGH, Dehghan MM, Nasiri N, Morad G.
Oral Surg Oral Med Oral Pathol Oral Radiol Endod, 2012, Revision
4. [The Effect of Natural Bone Mineral on Proliferation and Differentiation Rate of Human Osteoblast like Cells.](#)
Khojasteh A, Ostad SN, Motahari P, Morad P , eslami M, Motahrari P.
Iranian Journal of Endodontics, 2012, submitted.

Supervision students (Thesis)

DDS undergraduate supervision

- Bone Regeneration Studies

OMFS Postgraduate

- Advance Implantology
- Reconstructive Surgery
- Bone Grafting

Clinical Experiences

- 2009- present. Orthognatic Surgery, Oral and maxillofacial trauma, Infection, Extra oral free bone graft, Intra oral augmentation procedure, Advance Dental Implantology

C. TEACHING AND LEARNING

Current teaching duties

Undergraduate

- Running seminar of principles of oral and maxillofacial surgery (Medical management for surgical patients, BLS, ACLS, Infection Control, Local anaesthesia, Extraction principle, Odontogenic infection, Preprosthetic Surgery, Dental Implantology, Bone graft, Maxillary sinus Infection) for 6th, 5th, 4th and 3rd DDS students (Since 2008)
- Teaching 3rd year students on the preclinical surgical course (Since 2008).

Post Graduate

- Teaching Bone regeneration principle Junior OMFS residents
- Running seminar of Evidence based implantology for OMFS resident
- Running seminar of orthognatic surgery for orthontics resident
- Running seminars for Periodontics residents

Innovative work

- Setting an online resource for undergraduate DDS students and Post graduate OMFS residents “ www.omfsresearch.com”
- Founding Basic Sciences

Teaching outside the University of Manchester

Teaching

- Teaching of Basic Implantology in Apadana Implant Co.
- Teaching of Advance Implatology in Apadana Implant Co
- Teaching of the Basic implantology for Iranian ddental Association.

Awards

- Winner of the Best researcher award in Shahid Beheshti University of Medical Sciences 2012
- Winner of the Best Young researcher Award (Iran Razi Festival) as a national Talented medal 2005
- Winner of the Best medical students in the country in 2003
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LEADERSHIP AND/OR MANAGEMENT ROLES

- 2010- present. Eduacational Deputy manager in department of oral and maxillofacial surgery
- 2011- present. Research Deputy manager in department of oral and maxillofacial surgery
- 2009- present. Head Division for Gifted and Talented Dental Students, Educational Development Office, Shahid Beheshti University of Medical Sciences
- 2010- present Head, Division of Basic Science, Dental Research Center, Shahid Beheshti University of Medical Sciences