



## Curriculum Vitae

### **Mehrdad Radvar**

DOB: 21th, February, 1963  
Married with 2 daughters.

#### **Qualification:**

DDS: 1989, Mashhad Dental School, Mashhad University of Medical Sciences  
PhD: 1996, Periodontal Department, Glasgow Dental School, Glasgow University, United Kingdom  
National Board Exam in Periodontology, Iran, 1996

#### **Academic rank:**

Associate Professor in Periodontology  
Periodontology Department  
Mashhad Dental School,  
Mashhad University of Medical Sciences

#### **Current positions and occupations:**

Director, Postgraduate Studies in Periodontics, Mashhad Dental School, Mashhad University of Medical Sciences, Iran.

Member, National (Iranian) Board of Examiners for Periodontal Specialty.

Provincial Representative and Member, Iranian Society of Periodontology.

Private Surgery, Specialist and fully dedicated to periodontal and implant surgery, Mashhad, Iran (more than 4000 cases of non-surgical or surgical periodontal cases throughout 13 years, including the insertion of more than 600 dental implants)

#### **Previous positions:**

Clinical Research Assistant, Periodontal Unit, Glasgow Dental School, Glasgow University, 1995-1996

Vice-Dean in Research, Mashhad Dental School, Mashhad University of Medical Sciences 2006-2008

Director, International Office, Mashhad University of Medical Sciences, 2002-2004,

Member, Higher Research Council, Mashhad University of Medical Sciences, 2004-2008

## **Publications:**

### **A): International papers**

Darby IB, Polster A, Gan JS, Guo Q, Henein N, Heredia A, Horina H, Sanduja D, **Radvar M**. Left-to-right distribution of periodontal disease. *Int J Dent Hyg*. 2012 Feb;10(1):74-9. doi: 10.1111/j.1601-5037.2011.00509.x. Epub 2011

Heravi F, Bayani S, Madani AS, **Radvar M**, Anbiaee N. Intrusion of supra-erupted molars using miniscrews: clinical success and root resorption. *Am J Orthod Dentofacial Orthop*. 2011 Apr;139(4 Suppl):S170-5.

**Radvar M**, Darby I, Polster A, Arashi M, Moeintaghavi A, Sohrabi K. Pattern of cigarette smoking effect on periodontal pocketing and attachment loss: a retrospective study. *Int J Dent Hyg*. 2011 Nov;9(4):291-5. doi: 10.1111/j.1601-5037.2010.00496.x. Epub 2011 Feb 14.

Moeintaghavi A, **Radvar M**, Arab H, Boostani H, Ghiami E. Evaluation of 3- to 8-year treatment outcomes and success rates with six implant brands in partially edentulous patients. *J Oral Implantol*. 2010 Dec 2. [Epub ahead of print]

Baradaran-Rahimi H, **Radvar M**, Arab HR, Tavakol-Afshari J, Ebadian AR Association of interleukin-1 receptor antagonist gene polymorphisms with generalized aggressive periodontitis in an Iranian population. *J Periodontol*. 2010 Sep;81(9):1342-6.

Chamani G, Zarei MR, Radvar M, Rashidfarrokhi F, Razazpour F. Oral health status of dialysis patients based on their renal dialysis history in Kerman, Iran. *Oral Health and Preventive Dentistry*, 2009;7;269-275.

Kiani , Tavakkol-Afshari J, Arab HR, Radvar M, Ebadian AR. Polymorphism of IL-1alpha(-889) Gene and Its Association with Aggressive Periodontitis. *Iranian Journal of Immunology, Asthma and Allergy*, 2009 Jun,;8(2):95-8.

Taheri M, Molla R, Sohrabi K, Radvar M, Najafi MH. Bovine derived xenograft with and without a collagen membrane in the treatment of furcation defects. *Australian Dental Journal*, 2009, Sep;54(3):220-7

Radvar M, Mardani N, Mellati E, Habibi M.

Improvement of periodontal parameters in untreated quadrants after surgical periodontal therapy at adjacent quadrants.

J Periodontol. 2009 Apr;80(4):565-71.

Banihashemrad A, Aghassizadeh E, Radvar M.

Treatment of gingival recessions by guided tissue regeneration and coronally advanced flap.

N Y State Dent J. 2009 Jan;75(1):54-8.

Radvar M, Tavakkol-Afshari J, Bajestan MN, Naseh MR, Arab HR. The effect of periodontal treatment on IL-6 production of peripheral blood monocytes in aggressive periodontitis and chronic periodontitis patients.

Iran J Immunol. 2008 Jun;5(2):100-6.

Mellati, M, Arab HR, T.Afshari J, Ebadian AR, Radvar M. Analysis of -1082 interleukin-10 gene polymorphism in Iranian patients with generalized aggressive periodontitis.

Med Sci Monit. 2007;13(11): CR510-514.

Arab HR, Tavakkol-Afshari J, Tamizi M, Radvar M, Shirkhani M.

IL-1 $\beta$ +3954 genetic polymorphism association with generalized aggressive periodontitis in Khorasan-Iran province.

Journal of Medical Sciences, 2007; 7(2):222-227.

Bajestan MN, Radvar M, Afshari JT, Naseh MR, Arab HR  
Interleukin-6 production by cultured peripheral blood monocytes before and after stimulation by E. Coli lipopolysaccharide in Iranian patients with aggressive periodontitis  
Med Sci Monit. 2006 Aug 25;12(9):CR393-396

Rahmani ME, Radvar M.  
Effects of chlorhexidine (0.2%) as irrigant during ultrasonic debridement: A clinical study.  
International Journal of Pharmacology 2006, 2: 89-92. (Indexed in Scopus)

Radvar M, Arab HR.  
Herpesviruses at human aggressive periodontitis sites.  
International Journal of Virology 2006, 2: 7-13. (Indexed in Scopus)

Rahmani ME, Radvar M.  
The antiplaque effects of *Salvadora persica* and *Padina* essential oil solution in comparison to chlorhexidine in human gingival disease; a randomized placebo-controlled clinical trial  
International Journal of Pharmacology 2005, 1: 311-315. (Indexed in Scopus)

Arab HR, Tavakkol Afshari J, Radvar M, Mointaghavi A, Sargolzai N, Hematian M, Ganjali R, Ebadian AR.  
Association between TGF- $\beta_1$ <sup>-509</sup> polymorphism with aggressive periodontitis.  
Journal of Medical science 2006; 6(3):448-452. (Indexed in Scopus)

Arab HR, Tavakkol-Afshari J, Tamizi M, Radvar M, Shirkhani M.  
IL-1 $\beta$ +3954 genetic polymorphism association with generalized aggressive periodontitis in Khorasan-Iran province. *Journal of Medical Sciences*, 2007; 7(2):222-227. (Indexed in Scopus)

Jenkins WM, Said SH, Radvar M, Kinane DF.  
Effect of subgingival scaling during supportive therapy.  
J Clin Periodontol. 2000 Aug;27(8):590-6.

Koulouri O, Lappin DF, Radvar M, Kinane DF.  
Cell division, synthetic capacity and apoptosis in periodontal lesions analysed by in situ hybridisation and immunohistochemistry.  
J Clin Periodontol. 1999 Aug;26(8):552-9.

Lappin DF, Koulouri O, Radvar M, Hodge P, Kinane DF.  
Relative proportions of mononuclear cell types in periodontal lesions analyzed by immunohistochemistry.  
J Clin Periodontol. 1999 Mar;26(3):183-9.

Kinane DF, Radvar M.  
A six-month comparison of three periodontal local antimicrobial therapies in persistent periodontal pockets.  
J Periodontol. 1999 Jan;70(1):1-7.

Kinane DF, Radvar M.

The effect of smoking on mechanical and antimicrobial periodontal therapy.  
J Periodontol. 1997 May;68(5):467-72.

Pourtaghi N, Radvar M, Mooney J, Kinane DF.

The effect of subgingival antimicrobial therapy on the levels of stromelysin and tissue inhibitor of metalloproteinases in gingival crevicular fluid.  
J Periodontol. 1996 Sep;67(9):866-70.

Radvar M, Pourtaghi N, Kinane DF.

Comparison of 3 periodontal local antibiotic therapies in persistent periodontal pockets.  
J Periodontol. 1996 Sep;67(9):860-5.

Radvar M, MacFarlane TW, MacKenzie D, Whitters CJ, Payne AP, Kinane DF.

An evaluation of the Nd:YAG laser in periodontal pocket therapy.  
Br Dent J. 1996 Jan 20;180(2):57-62.

Radvar M, Creanor SL, Gilmour WH, Payne AP, McGadey J, Foye RH, Whitters CJ, Kinane DF.

An evaluation of the effects of an Nd:YAG laser on subgingival calculus, dentine and cementum. An in vitro study.  
J Clin Periodontol. 1995 Jan;22(1):71-7.

### **B): Papers in Persian Language:**

Paper's English abstracts could be retrieved from:

<http://www.sid.ir/en/Search.asp?Page=1&BoxSearch=radvar&B1+Search+>

Sargolzaie N, Moein-Taghavi A, Radvar M, Arab HR, Mokhtari MR.

Resonance frequency analysis of implant clinical stability on Astra Tech and ITI implant systems.  
Journal of Mashhad Dental School, Summer 2009, 33(2):153-160.

Sargolzaei N, Arab HR, Moin Taghavi A, Radvar M.

Evaluation of HTLV-1 virus in human subgingival plaque of seropositive patients.  
Journal of Dentistry of Tehran University of Medical Sciences. Summer 2008; 5(3):111-114.

Kadkhodazadeh M, Radvar M, Moein Taghavi A, Arab HR, Sargolzaei N.

Clinical and radiographical evaluation of Maximus one-piece implants, with immediate nonfunctional loading used in the maxillary lateral and mandibular incisors.  
Journal of Mashhad Dental School. Fall 2008; 32(3 (66)):221-228.

Pousti M, Radvar M, Yaghoubi S, Ahmadi R.

Comparing the effect of chlorhexidine and persica mouthrinses on periodontal status of fixed orthodontic patients.  
Journal of Mashhad Dental School. Fall-Winter 2007; 30(3-4):183-190.

- Emadzadeh MR, Radvar M.  
Cross-sectional study of periodontal status in healthy persons and those with coronary artery disease.  
The Iranian Journal of Otorhinolaryngology. Summer 2006; 18(2 (44)):35-41.
- Rahmani Shirvani ME, Radvar M, Parisay E.  
Effects of combined use of hydrogen peroxide and chlorhexidine mouth rinses on gingivitis, plaque and tooth staining.  
Journal of Mashhad Dental School. Fall-Winter 2006; 29(3-4):199-208.
- Hooshmand B, Tamizi M, Radvar M.  
Clinical evaluation of immediate implantation with biologic membrane after tooth extraction.  
Journal of Mashhad Dental School. Spring-Summer 2006; 30(1-2):151-160
- Tamizi M, Ghanavati F, Radvar M, Ghanavaty F, Rahmani ME.  
Comparison of clinical bone healing around submerged and nonsubmerged dental implant in maestro system (Biohorizon implant system).  
Journal of Dental School. Spring 2005; 23(1):18-27.
- Radvar M, Tavakol Afshari J, Naghib Zadeh Bajestan M, Naseh MR.  
Peripheral blood monocytes responsiveness in aggressive periodontitis patients by comparison of interleukin-6 production before and after stimulation by E.coli lipopolysaccharide.  
Iranian Journal of Basic Medical Sciences. Fall 2005; 8(3 (27)):155-163.
- Najafi MH, Taheri M, Dadgar AA, Radvar M.  
A comparative study of prevalence of gingival and periodontal diseases among patients taking nifedipine.  
Journal of Sabzevar School of Medical Sciences. Winter 2005; 11(4 (34)):13-20.
- Arab HR, Radvar M, Shahi M.  
A review of microbiologic similarities of refractory periodontitis and refractory periapical periodontitis.  
Journal of Dental School. Winter 2005; 22(4):644-651
- Radvar M, Arab H, Tamizi M, Yazarlou K.  
A study of phagocytosis defects of polymorphonuclear cells in diabetic patients affected with periodontitis.  
Journal of Mashhad Dental School. Spring-Summer 2004; 28(1-2):23-30.
- Arab HR, Tavakol Afshari J, Radvar M, Khosravi R, Khodadost MA.  
Association between HLA- Dqb1-0102 and aggressive periodontitis.  
Journal of Dental School. Fall 2004; 22(3):478-485
- Taheri M, Najafi M.H, Mahmoudi M, Radvar M.  
Evaluation of periodontal disease prevalence in congenital heart disease (cyanotic patients) among children under and over 6 years in Khorasan.  
Ofogh-E-Danesh. Fall 2003- Winter 2004; 9(2):85-90.

Najafi MH, Taheri M, Radvar M.  
Determination of periodontal treatment needs of Mashhad dental students using the CPITN index .  
Journal of Mashhad Dental School. Fall-Winter 2004; 27(3-4):180-184

Najafi MH, Taheri M, Radvar M, Chegin P.  
An evaluation of periodontal status among diabetic patients of among diabetic research centre.  
Journal of Mashhad Dental School. Spring-Summer 2003; 27(1-2):67-74.

Aghasi Zadeh R, Hafez MT, Radvar M.  
The effect of periodontal infection elimination on blood glucose levels in non-insulin dependent diabetic patients.  
Journal of Mashhad Dental School. Fall-Winter 2002-2003; 26(3-4):0-0.

Shahi M, Radvar M.  
Clinical application of Zostrix (r) and its effect on the post-operative pain ill root canal therapy.  
Journal of Dental School. Spring 2000; 18(1):26-31.

#### **International presentations (Abstracts) in the last 5 years:**

Radvar M., Bajestan MN., Afshari J.T., Naseh MR., Arab HR. The effect of periodontal treatment on Interleukin-6 production of peripheral blood monocytes among aggressive periodontitis and chronic periodontitis. Presented at the 5th meeting of European Federation of Periodontology, Madrid, Spain, 2006 (Oral presentation)

Ghanbari H., Radvar M. An investigation of localized aggressive periodontitis prevalence among 11-19 years students in Mashhad City, Iran. Presented at the 5th meeting of European Federation of Periodontology, Madrid, Spain, 2006 (poster presentation)

Arab, HR, Tavakkol, J, RadvarM, MoeinTaghavi A. Association of IL-10 polymorphism at position -1082 with generalized aggressive periodontitis in an Iranian Khorasanian population. Presented at the 5th meeting of European Federation of Periodontology, Madrid, Spain, 2006 (poster presentation)

#### **Awards:**

1986, Ranked first among dental graduates (Class 1983-1989) of Mashhad Dental School.

1992, Scholarship for PhD studies in the UK, awarded by the Iranian Ministry of Health.

2006, Ranked second among the academic members of the Mashhad University of Medical Sciences (among 690) members for their research achievements.

2009, Ranked first in dentistry related sciences, 15<sup>th</sup> Razi National Festival in Medical Research, Iranian Ministry of Health and Education

**Hobbies:**

Playing table tennis (ping-pong).