



Adileh Shirmohammadi

Date of Birth: 22.12.1974

Email: shirmohamadia@yahoo.com

Education/Qualifications

DDS, Med.Sci.Univ.of Tabriz, Iran.(1992-98)

Msc in Periodontics, Med.Sci.Univ.of Tabriz, Iran.(2000-03)

Felloship in Perio-Implant Dentistry, Med.Sci.Univ.of Tabriz, Iran.(2016)

Academic Appointments

1-Assistant Professor at department of periodontics, Faculty of Dentistry, Med.Sci.Univ.of Tabriz, Iran.(2005-10)

2-Head, Depatment of Periodontics, Faculty of Dentistry department of periodontics, Faculty of Dentistry, Med.Sci.Univ.of Tabriz, Iran.(2009-19)

3-Associate Professor at department of periodontics, Faculty of Dentistry, Med.Sci.Univ.of Tabriz, Iran.(2010-15)

4-Vice Dean of Education, Faculty of Dentistry, Med.Sci.Univ.of Tabriz, Iran.(2014-17).

5- Professor at department of periodontics, Faculty of Dentistry, Med.Sci.Univ.of Tabriz, Iran.(2014 Untill now)

6 .Head of Faculty , Faculty of Dentistry, Med.Sci.Univ.of Tabriz, Iran.(2017 -22).

7-Editor –in-Chief, Journal of Advanced Periodontology&Implant Dentistry (JAPID) , Med.Sci.Univ.of Tabriz, Iran.(2018 Untill now)

Publications

<https://scholar.google.com/citations?user=CRnJNT8AAAAJ&hl=en>

1. **Shirmohammadi A, Chitsazi MT, Lafzi A.** A clinical comparison of autogenous bone graft with and without autogenous periodontal ligament graft in the treatment of periodontal intrabony defects. Clin Oral Invest 2009;13:279-86.

- 2- **Shirmohammadi A, Pourabbas R, Bilan N, Chitsazi MT.** Relationship between Maternal Periodontal Condition and Body Size of Newborns. Iran J Pediatr 2009;19(2) : 101-107.

3. **Chitsazi MT, Pourabbas R, Shirmohammadi A, Ahmadi-enouz G, Vatankhah AH.** Association of Periodontal Diseases with Elevation of Serum C-reactive Protein and Body Mass Index: JODDD 2008;2(1):

4. **Lafzi A, Shirmohammadi A, Eskandari A, Pourkhamneh S.** Assessment of Intra- and Inter-examiner Reproducibility of Probing Depth Measurements with a Manual Periodontal Probe. JODDD 2007;1(1):

- 5- **Shirmohammadi A, Faramarzie M, Lafzi A.** A clinical evaluation of anatomic features of gingiva in dental students in Tabriz, Iran. JODDD 2008;2(3):

- 6- **Faramarzie M, Shirmohammadi A, Kashefimehr A, Lafzi A.** Clinical comparison of treatment response patterns following non-surgical periodontal therapy in non-smokers and passive smokers with chronic periodontitis. J Periodontol Implant Dent 2009;1(1):

7. **Balaei-Gajan E, Shirmohammadi A, Abashov R, Agazadeh M, Faramarzie M.** Detection of enterococcus faecalis in subgingival biofilm of patients with chronic refractory periodontitis. Med Oral Patol Oral Cir Bucal;2010 Jul 1;15(4):e667-70.

8. **Chitsazi MT, Shirmohammadi A, Faramarzie M, Pourabbas R, Rostamzadeh A.** A clinical comparison of nano-crystalline hydroxyapatite (Ostim) and autogenous bone graft in the treatment of periodontal intrabony defects. Med Oral Patol Oral Cir ..Bucal. 2011 May 1;16(3):e448-53.

9. **Pourabbas R, Shirmohammadi A, Amini A, Khodadoust K.** Comparative evaluation of the curricula for dental implants in post-graduate courses in dental faculties in Iran. J Periodontol Implant Dent 2011 3;2:90-4.

10. **Salekzamani Y, Shirmohammadi A, Rahbar M, Shakouri SK, Nayeibi F.** Association between Human Body Composition and Periodontal Disease. ISRN Dentistry 2011; 2.

11. **Shirmohammadi A, Faramarzi M, Lafzi A, Kashefimehr A, Malek S.** Comparison of pain intensity of anterior middle superior alveolar injection with infiltration anesthetic technique in maxillary periodontal surgery. J Periodontal Implant Sci. 2012 Apr;42(2):45-9.

12. **Esmaeli F, Shirmohammadi A, Faramarzie M, Abolfazli N, Rasouli H, Fallahi S.** Determination of vertical interproximal bone loss topography: correlation between indirect digital radiographic measurement and clinical measurement. Iran J Radiol. 2012 Jun;9(2):83-7.

13. **Eskandari A, Babaloo Z, . Shirmohammadi A, Khashabi E.** Comparison the effect of one stage full mouth disinfection versus quadrant-wise scaling and root planning on clinical parameters and salivary inflammatory biomarkers in chronic periodontitis patients. Dentistry 2012;2:2.

14. **Lafzi A, Faramarzi M, Shirmohammadi A, Behrozian A, Kashefimehr A, Khashabi E.** Subepithelial connective tissue graft with and without the use of plasma rich in growth factors for treating root exposure. J Periodontal Implant Sci. 2012 Dec;42(6):196-203.

15. **Shirmohammadi A, Abdollahifard S, Chitsazi MT, Behloli S.** Relationship between maternal periodontal disease and Apgar score of newborns. J Periodontal Implant Sci. 2012 Dec;42(6):212-6.

16. **lafzi A, Shirmohammadi A, Faramarzi M, jabal Si, shayan A.** Clinical Comparison of Autogenous Bone Graft With and Without Plasma Rich in Growth Factors in Treatment of Grade II Furcation Involvement of Mandibular Molars. JODDD, Vol 7, No 1 (2013)

17. **Shirmohammadi A, Babaloo Z, Eskandari A, Purabbas R, Babaloo A.** The Effects of One-Stage Full-Mouth Disinfection and Quadrant-Wise Scaling and Root Planing on Serum Levels of IL-17 and IL-1 β and Clinical Parameters (A randomized Controlled Trial Study). Journal of Dentistry Tehran, May 2013; Vol. 10, No. 3

18. **Balaei Gajan E, Shirmohammadi A, Aghazadeh M, Alizadeh M, Sighari Deljavan A, Ahmadpour F.** Antibiotic Resistance in Enterococcus faecalis Isolated from Hospitalized Patients. JODDD 2013;7(2):102-4.

19. **Chitsazi MT, Kashefimehr A, Pourabbas R, Shirmohammadi A, Ghasemi Barghi V, Daghigh Azar B.** Efficacy of Subgingival Application of Xanthan- based Chlorhexidine Gel Adjunctive to Full-mouth Root Planing Assessed by Real- time PCR:

A Microbiologic and Clinical Study. JODDD 2013;7(2):95-101.

20. **Shirmohammadi A**. Reply on "Relationship between maternal periodontal disease and Apgar score of newborns". J Periodontal Implant Sci. 2013 Jun;43(3):143.

21. **Faramarzi M, Shirmohammadi A, Chitsazi, MT, Kashefimehr A, Farhoodi E, Omrani A**. Patients knowledge regarding dental implants in Tabriz, Iran. DJH 2012; vol.4, No.1

22. **Chitsazi MT, Pourabbas R, Shirmohammadi A, Nezafati S, Mousavi A** Comparison of efficacy of pain control using the interseptal injection technique and inferior Alveolar Block Accompanied by Long Buccal Infiltration in Mandibular Periodontal Flap Surgery. JPID 2014 No 1 Vol 6.

23. **Chitsazi MT, Shirmohammadi A, Rahmanpour N, Moradzadeh M**. Periodontal Manifestations and Unusual Radiographic Features in Patient with Sturge-Weber Syndrome: A Case Report. 2014 No 1 Vol 6.

24. **A Kashefimehr, M Faramarzi, A Shirmohammadi, A Zarandi, S Ilkhani** Awareness regarding the effects of periodontal diseases on coronary heart system among cardiologists in Tabriz, Iran. Journal of Periodontology & Implant Dentistry 6 (1), 23, 2014.

25. **A Shirmohammadi, L Roshangar, MT Chitsazi, R Pourabbas** .Comparative Study on the Efficacy of Anorganic Bovine Bone (Bio-Oss) and Nanocrystalline Hydroxyapatite (Ostim) in Maxillary Sinus Floor Augmentation. International scholarly research notices 2014.

26. **M Faramarzi, Z Goharfar, R Pourabbas, A Kashefimehr, A Shirmohammadi** Microbiological and clinical effects of enamel matrix derivative and sustained-release micro-spherical minocycline application as an adjunct to non-surgical therapy in peri-implant mucosal inflammation. Journal of the Korean Association of Oral and Maxillofacial Surgeons 41 (4): 2015.

27. **MT Chitsazi, A Shirmohammadi, M Shirmohammadi, A Kashefimehr** .Efficacy of photodynamic therapy as an adjunct to full-mouth root planing in the treatment of periodontitis assessed by real-time PCR: a microbiological and clinical study. Journal of Periodontology & Implant Dentistry 7 (1), 26-32, 2015.

28. **A Shirmohamadi, MT Chitsazi, M Faramarzi, A Salari, FN Alavi** .Effect of non-surgical periodontal treatment on transferrin serum levels in patients with chronic periodontitis.Journal of Dental Research, Dental Clinics, Dental Prospects 10 (3), 169, 2016.
29. **M Faramarzi, Z Marami, A Shirmohammadi, M Chitsazi, M Rahbar** .Effects of Locally Delivered Doxycycline on Periodontal Clinical Parameters and Gingival Crevicular Fluid Matrix Metalloproteinase-8..Journal of International Oral Health 8 (7), 781, 2016.
30. **MT Chitsazi, L Roshangar, A Shirmohammadi, F Esmaili, AH Dehghani**
Evaluation of the Effect of Low-level Laser on Biomaterials Used in Maxillary Sinus Grafts Using Histological and Radiologic Examinations: A Randomized Controlled Clinical Trial.Journal of International Oral Health 8 (7), 801, 2016.
31. **MT Chitsazi, A Shirmohammadi, A Moradi, Z Goharfar** .Idiopathic Gingival Enlargement and its Management: A Case Report.Journal of Periodontology & Implant Dentistry 7 (2), 61-65, 2016.
32. **MT Chitsazi, A Shirmohammadi, M Faramarzi, F Esmaili, S Chitsazi**
.Evaluation of the position of the posterior superior alveolar artery in relation to the maxillary sinus using the Cone-Beam computed tomography scans.Journal of Clinical and Experimental Dentistry 9 (3), e394, 2017.
33. **Shirmohammadi A, Roshangar L, Chitsazi MT, Pourabbas R, Faramarzi M, Rahmanpour N**. Corrigendum to "Comparative Study on the Efficacy of Anorganic Bovine Bone (Bio-Oss) and Nanocrystalline Hydroxyapatite (Ostim) in Maxillary Sinus Floor Augmentation. Int Sch Res Notices 11(5),2017.
34. **Faramarzi M, Shirmohammadi A, Chitsazi M, Shamami MS, Ghanitab S**. The clinical and metabolic effects of subgingival application of xanthan-based chlorhexidine gel in Type 2 diabetic patients with chronic periodontitis. Dent Res J (Isfahan). 14(5),299-305, 2017.
35. **Khorramdel A, Shirmohammadi A, Sadighi A, Faramarzi M, Babaloo AR, Sadighi Shamami M, Mousavi A, Ebrahim Adhami Z**. Association between demographic and radiographic characteristics of the schneiderian membrane and periapical and periodontal diseases using cone-beam computed tomography scanning: A retrospective study. J Dent Res Dent Clin Dent Prospects 11(3),170-176, 2017.
36. **Chitsazi M, Faramarzi M, Sadighi M, Shirmohammadi A, Hashemzadeh A**. Effects of adjunctive use of melatonin and vitamin C in the treatment of chronic periodontitis: A randomized clinical trial. J Dent Res Dent Clin Dent Prospects 11(4):236-240, 2017.
37. **Golmohammadi S, Eskandari A, Movahhedy MR, Shirmohammadi A, Amid R**. The effect of microthread design on magnitude and distribution of stresses in bone: A three-dimensional finite element analysis Dent Res J (Isfahan 15(5),347-353, 2018.
38. **Babaloo AR, Shirmohammadi A, Sandoghchian S, Kamalzadeh A, Ghasemi S**.

Evaluation of the effect of IL-36 γ expression on chronic periodontitis by enhancing the MAPK and TLR4 signaling pathways: A basic research. J Dent Res Dent Clin Dent Prospects,12(3),159-165,2018.

39. **Adileh Shirmohammadi** , Masoumeh Faramarzi, Ashkan Salari , Mehrnoosh Sadighi Shamami, Amir Reza Babaloo, Zohreh Mousavi. Effect of non-surgical periodontal treatment on serum albumin levels in patients with chronic periodontitis J Adv Periodontol Implant Dent10(1), 18-23,2018.

40. Ghaznavi D, Babaloo A, **Shirmohammadi A**, Zamani ARN, Azizi M, Rahbarghazi R, Ghaznavi A. Advanced platelet-rich fibrin plus gold nanoparticles enhanced the osteogenic capacity of human mesenchymal stem cells. BMC Res Notes 12(1),721, 2019.

41. **Adileh shirmohammadi**. Autologous conditioned serum in treatment of periodontal diseases. J Adv Periodontol Implant Dent 11(2),47-48, 2019.

42. Amir Reza Babaloo , **Adileh Shirmohammadi** , Shima Ghasemi , Siamak Sandoghchian , Sahel Parvan , Nazanin Fathi. Effect of IL-36 γ expression on chronic periodontitis with an increase in NF-KB signaling pathway.J Adv Periodontol Implant Dent 11(1), 28-33,2019.

43. **Shirmohammadi A**. Post-COVID-19 tsunami of periodontal diseases. J Adv Periodontol Implant Dent. 2021 Jun 9;13(1):1

44. **Shirmohammadi A**, Babaloo A, Maleki Dizaj S, Lotfipour F, Sharifi S, Ghavimi MA, Khezri K. A View on Polymerase Chain Reaction as an Outstanding Molecular Diagnostic Technique in Periodontology.Biomed Res Int. 2021 Jul 19

45. Faramarzi M, **Shirmohammadi A**, Khorramdel A, Sadighi M, Bargahi E. Effect of non-surgical periodontal therapy on serum ferritin levels in postmenopausal women with chronic periodontitis. J Dent Res Dent Clin Dent Prospects. 2021 Summer;15(3):178-182.

46. Ghasemi S, Torab Z, **Shirmohammadi A**, Babaloo A, Johari R, Farhadi F, Mobasser M, Mohammadi H. Evaluation of the effect of coenzyme Q10 supplementation along with scaling and root planing (SRP) on periodontal and gingival indices in controlled diabetic patients. J Adv Periodontol Implant Dent. 2022 Mar 13;14(1):32-37.

47. Mohammadi H, **Shirmohammadi A**, Babaloo A, Roshangar L, Torab Z, Mojtahedinia M. Evaluation of the effect of autologous conditioned serum on the radiographic characteristics of hard tissue after horizontal bone augmentation in implant dentistry. J Adv Periodontol Implant Dent. 2022 Oct 26;14(2):62-68.

48. **Shirmohammadi A**, Maleki Dizaj S, Sharifi S, Fattahi S, Negahdari R, Ghavimi MA, Memar MY. Promising Antimicrobial Action of Sustained Released Curcumin-Loaded Silica Nanoparticles against Clinically Isolated Porphyromonas gingivalis. Diseases. 2023 Mar 8;11(1):48.

49. **Shirmohammadi A, Mohammadi S, Faramarzi M, Babaloo AR, Sadighi M, Maleki Dizaj S.** Association of Serum 25-Hydroxyvitamin D and Chronic Periodontitis in Postmenopausal Women after Non-Surgical Periodontal Therapy. *Front Dent.* 2023 Apr 29;20:8.
50. **Mojtahedi Nia M, Shirmohammadi A, Mohammadi H, Roshangar L, Babaloo A.** Effect of autologous conditioned serum (ACS) on histological characteristics and expression of soft tissue IL-1 β gene after horizontal ridge augmentation surgery. *J Adv Periodontol Implant Dent.* 2023 Jun 10;15(1):52-55.
51. **Mohammadi H, Shirmohammadi A, Babaloo A, Roshangar L, Torab Z, Mojtahedinia M.** Correction to: Evaluation of the effect of autologous conditioned serum on the radiographic characteristics of hard tissue after horizontal bone augmentation in implant dentistry. *J Adv Periodontol Implant Dent.* 2023 Jun 14;15(1):64.
52. **Shirmohammadi A, Ghertasi Oskouei S.** The growing footprint of artificial intelligence in periodontology & implant dentistry. *J Adv Periodontol Implant Dent.* 2023 Jun 11;15(1):1-2.
53. **Shirmohammadi A, Balazadeh Y, Negahdari R, Dizaj SM, Memar MY.** Antibacterial Effects of Curcumin-loaded Mesoporous Silica Nanoparticles inside the Dental Implant Fixture. *The Open Dentistry Journal.* 2023 Aug 15;17(1).