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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

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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, Faramarzi M, Lafzi A.** A clinical evaluation of anatomic features of gingiva in dental students in Tabriz, Iran. JODDD 2008;2(3):
- 6- **Faramarzi 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, Faramarzi 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, Faramarzi 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, Nayebi 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 Periodontol 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 Qua-drant-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.
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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.

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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**, **Khorrarnadel 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.

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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.
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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).