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Research Interests

The research interest is in the area of clinically oriented and involves the study of implant dentistry. A second area of interest is chemical plaque control and plastic periodontal surgery, Evidence Based Medicine is also considering.

Education/Qualifications

D.D.S., Med.Sci.Univ. of Mashhad, Iran. (1982-88)

MSc in Periodontics, Med.Sci.Univ. of Mashhad, Iran.(1990-93)

Fellow of Laser Dentistry, Achen University, Germany. (2012)

Courses

Perio-Implant fellowship program (Advanced Oral Reconstruction Surgery,

Implant Dentistry in compromised situations, soft tissue management in implant dentistry)

Periodontal regeneration.

Periodontal plastic surgery.

Evidence Based Periodontology

Academic Appointments

- 1- Assistant Professor at department of Periodontics, Faculty of Dentistry, Med.Sci.Univ of Tabriz, Iran. (1993-2005)
- 2- Associate Professor at department of Periodontics, Faculty of Dentistry, Med.Sci.Univ of Tabriz, Iran. (since 2005)
- 3- Head, department of Periodontics, Faculty of Dentistry, Med.Sci.Univ of Tabriz, Iran. (1996-1998 and since again 2001)
- 4- Associate dean of education and research, Faculty of Dentistry, Med.Sci.Univ of Tabriz, Iran. (1998-2001)
- 5- Visiting Assistant Professor, Faculty of Dentistry, University of Toronto, Canada. (2001)
- 6- Vice dean for research, Faculty of Dentistry, Med.Sci.Univ of Tabriz, Iran. (2003 -2007)
- 7- Co-editorial Board, Medical Journal of Tabriz University of Medical Sciences.(2005 until now)
- 8- Editorial Board, Dental Clinic, Dental Research, Dental prospers. (2005 until now).
- 9- Head, department of Periodontics, Faculty of Dentistry, Med.Sci.Univ of Tabriz, Iran. (2007 2009)
- 10- Editor-in-chief, Journal of Periodontology & Implant Dentistry (JPID) official journal of Iranian association of Periodontology. (2009)
- 11- Head, Dental and Periodontal research Center (2010)
- 12- Visiting Professor, Faculty of Dentistry, University of Toronto, Canada. (2013)

Official appointments

1. Member of Research committee, Tabriz Med.Sci.Univ (1994 -2000 and 2002-2007).
2. Member of Research committee, Faculty of Dentistry, Tabriz Med.Sci.Univ (2003 - 2007)
3. Member of Research committee, Drug Applied Research Center, Tabriz Med.Sci.Univ (since2006)
4. Member of educational committee, Tabriz Med.Sci.Univ (1998-2000 and 2002 until now).
5. Member of Univ. committee, Tabriz Med.Sci.Univ (since 2002).
6. Member of Nanotechnology Committee, East Azarbaijan Province Branch. (2003-2005).
7. Member of Research Committee, Drug Applied Research Center, Tabriz Med.Sci.Univ (since 2007)
8. Member of Research Committee, Evidence Based Medicine Center, Tabriz Med.Sci.Univ (since 2007)
9. Member of Research Committee, Molecular Based Medicine Center, Tabriz Med.Sci.Univ (since 2007)
10. Diplomat of Iranian Board of Periodontology, (since 2004)
11. Member of national committee of educational strategic planning for periodontology (since 2007).
12. Active member of Iranian Association of Periodontology.
13. Member of Publication Committee of Tabriz Med. Sci.Univ.

Recent Publications

- 1- Rahmani ME, Pourabbas R :Use of Composite Grafts in the treatment of Mandibular Class II Furcation Involvements. Med.Sci.Univ. of Mashhad Dental Journal.Vol.18, No.1, 1994.
- 2- Pourabbas R: Treatment of Class II Mandibular Furcation Defects with Guided Tissue Regeneration and Composite Grafts in Comparison with Composite Grafts alone. Med.Sci.Univ of Tabriz Medical Journal, Vol.35,No.50, 2001.
- 3- Savadi S, Pourabbas R, Hafez ghoran A: Evaluation of the Light Output of the Light Curing Machines of Dental Practitioners in Tabriz. Med.Sci.Univ. of Shahid Beheshti Dental J. Vol.22 (1),2004.
- 4- Pourabbas R , Golami G, Vahbi S: A different view to an old disease: A review of periodontal disease classification. The Journal of Islamic Dental Association of Iran.Vol.13, No.3, 2001.
- 5- Pourabbas R, Ranji I: Periodontal status of crowned in comparison with the uncrowned teeth. The Journal of Islamic Dental Association of Iran. Vol.16, No.1, 2004.
- 6- Pourabbas R, Alamdari Milani F: The effect of sodium benzoate pre-brushing rinse on dental plaque removal. Med.Sci.Univ of Tabriz Medical Journal, Vol.62(2), 2004.
- 7- Pourabbas R, Shakouri K, Hajidizaji R: Prevalence and risk factors of musculoskeletal disorders among dentists in Tabriz. Med.Sci.Univ of Tabriz Medical Journal, Vol 64(4), 2005.
- 8- Chitsazi MT, Pourabbas R : Knowledge of the dentists who practicing in Tabriz regarding the latest prophylactic regimens for prevention of infective endocarditis. Med.Sci.Univ of Tabriz Medical Journal, Vol.64(4), 2005.
- 9- Lafzy A, Pourabbas R, Akbari Hamed L: The evaluation of patients' compliance with maintenance therapy after active periodontal treatments. Med.Sci.Univ of Tabriz Medical Journal, Vol.64(4), 2005.
- 10- Pourabbas R, Delazar A, Chitsazi MT: The effects of German Chamomile mouthwash on dental plaque and gingival inflammation. Iranian Journal of Pharmaceutical Research. Vol 2,

2005.

11- Pourabbas R, Niknafs B, Shirmohammady A: The effects of Phenytoin on gingival fibroblast proliferation. *Med.Sci.Univ of Tabriz Medical Journal*, vol 28 (3), 2006.

12- Pourabbas R, Chitsaz M, Somi S: Comparison of Subgingival Plaque Removal at interdental Sites using hand instruments, ultrasonic scaler and Air Polishing Devices. *The Journal of Islamic Dental Association of Iran*. Vol 19 (2)2007.

13- Argani H, Pourabbas R, Hassanzadeh D, Masri M, Rahrovy H: Treatment of Cyclosporin-Induced Gingival Overgrowth with Azithromycin Containing Toothpaste. *Exp Clin Tansplant*. Vol 4 (1), 2006.

14- ChitsazMT, Pourabbas R, Lafzi A, Amid A: Clinical evaluation of 3 technoques to augment keratinized gingiva: standard and strip technique of free gingival and free connective tissue graft. *Shahid Beheshti Univ.Dent.J Vol 24(1),2006*.

15- Pourabbas R, Nezafati S: Clinical Results of Localized Alveolar Ridge Augmentation with Bone Grafts Harvested From symphysis in Comparison with Ramus. *Journal of Dent. Res. Dent. Clin. Dent. prospects Vol 1(1) Spring 2007*.

16- Chitsazi MT, Mostofi Zadeh Farahani R, Pourabbas R, Bahaeddin N: Efficacy of open flap debridement with and without enamel matrix derivatives in the treatment of mandibular degree II furcation involvement *Clin Oral Invest 2007*.

17- Chitsazi M , Pourabbas R, Shirmohammadi A, Ahmadi Zenouz G, Vatankhah AH: Association of Periodontal disease with elevation of serum C-reactive protein and body mass index. *JODD Vol. 2, No.1 winter 2008*.

18- Pourabbas R, Farajnia S, Kimyai S, Mohammadnejad L, JohnsonA , Nejatian T: In vitro assessment of cytotoxicity of giomer on human gingival fibroblasts. *African Journal of Biotechnology Vol. 8 (20), pp. 5522-5526, 19 October, 2009*

19- Shirmohammadi A, Pourabbas R , Bilan N, Chitsazi MT; Relationship between Maternal Periodontal Condition and Body Size of Newborns *Iran J Pediatr Jun 2009; Vol 19 (No 2)*,

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20- Pourabbas R, Chitsazi MT, Kosarieh E , Olyae P; Coronally advanced flap in combination with acellular dermal matrix with or without enamel matrix derivatives for root coverage Indian J Dent Res, 20(3), 2009

21- Ghaffari Moghadam A, Pourabbas R, Anviah J;The prevalence and risk factors of gingival enlargement among immunosuppressive receiving renal transplant patients. J. Urmia Med sci Univ . 19 (1) , 2007

22- Chitsazi MT , Pourabbas R , Shirmohammadi A, Vatankhah MH; Association between obesity and oral glucose tolerance test with periodontal diseases J. Shiraz Med sci Univ . 10 (3), 2009.

23- Chitsazi MT ·Pourabbas R, Jafari F, Jabbari Khameneh H; Comparison of Subgingival Plaque Removal Using Hand Curettes, Magnetostrictive Ultrasonic Scalers and Air Polishing Devices with and without NaHCO₃ Abrasive Powder: An Ex Vivo Study. J Periodontol Implant Dent 2009; 1(1):31-35

24- Pourabbas R; Amini A; Milani F, Safarnejad S Competency Assessment of the Last Year Students of Tabriz Dentistry School in the Major Skills Needed for a New Dentist, Journal of Medical Education Summer 2009 Vol.13, No.3

25- Pourabbas R, Shirmohammadi A , Amini A, Khodadust K; Comparative Evaluation of the Curricula for Dental Implants in Post-graduate Courses in Dental Faculties in Iran J Periodontol Implant Dent 2011; 3(1): 21-25 (2011e7)

26- Mohammad Reza Ardalan , Kamyar Ghabili, Reza Pourabbas Mohammadali M Shoja ; A causative link between periodontal disease and glomerulonephritis: a preliminary study, Therapeutics and Clinical Risk Management 2011:7 93–98

27- Soodabeh Kimyai, Farzaneh Lotfipour, Reza Pourabbas, Alireza Sadr, Saeedeh Nikazar, Morteza Milani, Effect of two prophylaxis methods on adherence of Streptococcus mutans to

microfilled composite resin and giomer surfaces *Med Oral Patol Oral Cir Bucal*. 2011 Jul 1;16(4):e561-7.

28- Reza Pourabbas¹, Soodabeh Kimyai, Mohammad Taghi Chitsazi³ and Fatemeh Nourbaksh : Clinical comparison of localized gingival recession coverage in root surfaces restored with giomer and intact root surfaces *African Journal of Biotechnology* Vol. 10(31), pp. 5893-5899, 29 June, 2011

29- 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.

30- Seyed Ahmad Arta, Reza Pourabbas Kheyradin, Ali Hossein Mesgarzadeh, Bahador Hassanbaglu; Comparison of the influence of two flap designs on periodontal healing after surgical extraction of impacted third molars, *Journal of Dental Research, Dental Clinics, Dental Prospects*, Vol 5, No 1 (2011)

31- Alihosseini A, Pourabbas R, Faramarzi M: Socket preservation, using deproteinized bovine bone matrix with and without plasma rich in growth factors (a canine study), *J Periodontol Implant Dent* 2013 (1)

32- Alihosseini A, Pourabbas R, Asgari s: Socket preservation, using calcium enriched mixture (CEM) cement and deproteinized bovine bone matrix (DBBM):an animal study, *Journal of Dental Research, Dental Clinics, Dental Prospects*(in press)

33- Khodadoust k, Ardalan m, Pourabbas R, Abdolrahimi M; Dental and oral diseases in Medieval Persia, lessons from Hedayat Akhawayni, *J Med Ethics Hist Med*, 2013, 6:9

34- Mohammad Taghi Chitsazi, Atabak Kashefimehr, Reza Pourabbas, Adileh Shirmohammadi, Vadood Ghasemi Barghi, Behrouz Daghigh Azar: 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, *Dent Res Dent Clin Dent Prospects*. 2013 Spring; 7(2): 95–101

35- Adileh Shirmohammadi, Zohreh Babaloo, Amir Eskandari, Reza Pourabbas, Amirreza Babaloo: 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 of Tehran University of Medical Sciences* 2013. 10(3):248-255

36- Pourabbas R, Kashefimehr A, Rahmanpour N, Babaloo Z, Kishen A, Tenenbaum HC, Azarpazhooh A.: Effects of Photodynamic Therapy on the Clinical and Gingival Crevicular Fluid Inflammatory

Biomarkers in Chronic Periodontitis: A Split-Mouth Randomized Clinical Trial. J Periodontol. 2014 Feb 14. [Epub ahead of print]

37- Arami S, Mojaddadi MA, Pourabbas R, Chitsaz MT, Delazar A, Mobayen H. : The Effect of Pistacia atlantica Var. mutica Mouthwash on Dental Plaque Bacteria and Subgingival Microorganisms: a Randomized and Controlled Triple-blind Study. Drug Res (Stuttg). 2014 Jul 14. [Epub ahead of print]

Abstracts

- 1-The Effect of Hydrogen Peroxide Mouthwash on the Reduction of Chlorhexidine Induced Dental Stains. Proceedings of the 34th conference of Iranian Dental Association. Tehran (1995).
- 2- Application of Slow Resorbing Collagen Membrane in the Treatment of Vertical Periodontal Defects. Proceedings of the 35th conference of Iranian Dental Association. Tehran (1996).
- 3- Hydrogen Peroxide: (A Review of it's Application in Dentistry). Proceedings of the 36th conference of Iranian Dental Association. Tehran (1997).
- 4- Comparison of Persica (an herbal mouth wash) and Chlorhexidine on their Effects on Plaque and Gingival Indexes. Proceedings of the 37th conference of Iranian Dental Association. Tehran (1998).
- 5- The Effects of Oral Contraceptives on Periodontal Health During the Maintenance Period of Periodontal Treatments. 2nd International Congress of Drugs, Biomaterials and Techniques in Stomatological Medicine. Athens, Greece, (2003)
- 6- Intruduction of a new Pressure Sensitive Periodontal Probe: Inter and Intra Examiner Reproducibility, Proceeding of Iranian Dental Association (2002).
- 7- The early complications of dental implants, Proceeding of the 3rd annual congress of Iranian Academy of Periodontology, Isfahan-Iran (2003).
- 8- Esthetic providing surgical crown lengthening in restorative dentistry. Proceeding of the 3rd annual congress of Iranian Academy of Restorative Dentistry, Tehran -Iran (2003)
- 9- Clinical methods to preserve hard and soft tissues in order to gain optimum esthetic results in implant dentistry. Proceeding of the 4th annual congress of Iranian Academy of Periodontology, Tehran-Iran (2004)
- 10- The criteria which are considered with the intention of enhance the success rate of dental implants in various forms of edentulous ridges.Proceedings of the first congress of Iranian Dental Association in Fars Province, Shiraz- Iran (2004).

11- Quantitative changes in alveolar ridge width following ridge augmentation using onlay grafts. The 11th International Friadent Symposium. Dresden- Germany (2005).

12- A comparative study on the curriculum of implant dentistry education in Iran and European Union and the United states. Proceeding of the 7th.congress of medical education. Tabriz- Iran (2005).

13- The effects of coronally advanced flap and allogenic acellular dermal matrix with and without enamel matrix proteins on gingival recession defects. Europerio 5, meeting of the European Federation of Periodontology in Madrid the 29th, 30th June and 1st July 2006

14- Ridge augmentation, indications and limitations. Proceeding of the 6th annual congress of Iranian Academy of Periodontology, Shiraz-Iran (2006)

15- Quantitative changes of localized ridge augmentation by block onlay grafts harvested from symphysis in comparison with ramus with and without the use of occlusive membranes. Proceeding of 2nd International Caspian Conference of Oral Implantologists ,Baku- Azarbayjan(June 2007)

16- Agreement between two independent laboratories on the results of the qualitative PCR technique for detecting Actinobacillus actinomycetemcomitans , the 2nd congress of International association for dental research (Iranian section) Tehran- Iran (2007).

17- Prevalence, location and height of antral septa in Iranian sinus lift patients. The 13th International Dentsply/ Friadent Symposium. Berlin- Germany (2008).

18- Pourabbas R ,Safarnejad S, Kimiai S: The cytotoxicity of Giomer restorative materials on human gingival fibroblasts. 32nd international association of dental research (Toronto, July 2-5 , 2008)

19- Pourabbas R: Evidence based Periodontology : approaches and the methods: 8th congress of Iranian Association of Periodontology (Kish , Dec 6-8, 2008)

20- Rahimi S, Pourabbas R, Shahi Sh, Forough reyhani M: basic principals of forced eruption. 8th congress of Iranian Association of Periodontology (Kish , Dec 6-8, 2008)

21- Pourabbas R, Shirmohammadi A, AMSA injection, An esthetic technique for on upper jaw periodontal surgery. 8th congress of Iranian Association of Periodontology (Kish , Dec 6-8, 2008)

22- Pourabbas R, ridge augmentation for advanced reconstruction demanding patients. 49th congress of Iranian Dental Assciation. (Tehran May 2009)

- 23-** Khashabi E., Pourabbas R.: Comparative assessment of connective tissue grafts for root coverage with and without citric acid application. Euro- Perio 6 (Stockholm June 4-6, 2009)
- 24-** Pourabbas R, Chitsazi M. T. Nazafati S. : Pain control by two anaesthesia techniques in periodontal flap surgery: interseptal injection versus inferior alveolar and long buccal nerve block. Euro- Perio 6 (Stockholm June 4-6, 2009)
- 25-** Pourabbas R., Shirmohammady A. Accuracy and precision of two independent CBCT centers on the linear measurement of alveolar bone14 th DENTSPLY Friadent World Symposium Barcelona, March 19|20, 2010
- 26-** Pourabbas R., Shirmohammady A. :Recombinant human bone morphogenic protein in management of peri-implant diseases. 11th. Meeting of Iranian academy of periodontology- Jan 24-28- 2012- Tehran – Iran
- 27-** SadighiM, PourabbasR, MobayenH, RikhtegaranS,FekrazadR,ParvizS : Bactericidal effects of co2 laser and Tigran brush on dental implant surface: a comparative in-vitro study: WFD 2012-13th. Congress for laser dentistry- 26-28 April 2012 – (Barcelona. Spain)
- 28-** PourabbasR,SadighiM,RikhtegaranS,OskoeS,SadighiM: Photo activated disinfection therapy as an interceptive treatment in a seven year old patient with generalized aggressive periodontitis: 7th. Conference of the European Federation of Periodontology- June 6-9 2012, Vienna, Austria
- 29-** Pourabbas R: Soft tissue management of extraction socket, Invited keynote speaker; proceeding of the 13th. Meeting of Iranian Academy of Periodontology, Oct 30-Nov 1, Tehran-Iran

Research Projects and Grants

Clinical research for root coverage using different techniques and materials.

Clinical and laboratory evaluation of various chemical plaque control measures.

Connective tissue cells behavior on different restorative materials and surface textures.

Dental implant education in various dental faculties of Iran.

Dental implant treatments in compromised cases.