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Academic & administrative position

Current positions

Associate Professor of Endodontics, Dental School, Tabriz University of Medical Sciences

Previous positions

Chief of endodontic department of Tabriz dental school

Director of postgraduate endodontic program

Director of undergraduate of endodontic department

Educational background

2000- DMD, Shahidbabai University of Medical Sciences, Ghazvin, Iran

2005- MSc in Endodontics, Mashad University of Medical Sciences, Mashad, Iran

Research interests

Biomaterial

Root canal irrigation solution

Working length determination

Publications

Published Articles:

International Journals

1-Lotfi M, Vosoughhosseini S, Saghiri MA, Zand V, Ranjkesh B, Ghasemi N. Effect of MTAD as a final rinse on removal of smear layer in ten-minute preparation time. *J Endod.* 2012 Oct;38(10):1391-4. doi: 10.1016/j.joen.2012.06.027. Epub 2012 Jul 25

2-Lotfi M, Vosoughhosseini S, Saghiri MA, Rahimi S, Zand V, Reyhani MF, Samiei M, Ghasemi N, Mehrvarzfar P, Azimi S, Shokohinejad N. Effect of Synthetic Tissue Fluid on Microleakage of Grey and White Mineral Trioxide Aggregate as Root-End Filling Materials: An in vitro study. *Sultan Qaboos Univ Med J.* 2012 Aug;12(3):323-9. Epub 2012 Jul 15

3-Vosoughhosseini S, Lotfi M, Moradzadeh M, Aghbali A, Rahimi S, Saghiri M, Zand V, Mehdipour M, Ranjkesh B, Doosti S. Comparison of two histopathologic methods for

evaluating subcutaneous reaction to mineral trioxide aggregate. *Med Oral Patol Oral Cir Bucal*. 2012 Jan 1;17(1):e41-4.

4-Zand V, Salem-Milani A, Shahi S, Akhi MT, Vazifekhah S. Efficacy of different concentrations of sodium hypochlorite and chlorhexidine in disinfection of contaminated Resilon cones. *Med Oral Patol Oral Cir Bucal*. 2012 Mar 1;17(2):e352-5.

5-Lotfi M, Vosoughhosseini S, Saghiri M, Zand V, Yavari HR, Kimyai S, Mehdipour M, Ranjkesh B, Mokhtari H, Salemmilani A, Doosti S. Effect of alkaline ph on sealing ability of white mineral trioxide aggregate. *Med Oral Patol Oral Cir Bucal*. 2011 Nov 1;16(7):e1014-6.

6-Vosoughhosseini S, Lotfi M, Shahmoradi K, Saghiri MA, Zand V, Mehdipour M, Ranjkesh B, Mokhtari H, Salemmilani A, Doosti S. Microleakage comparison of glass-ionomer and white mineral trioxide aggregate used as a coronal barrier in nonvital bleaching. *Med Oral Patol Oral Cir Bucal*. 2011 Nov 1;16(7):e1017-21.

7- lotfi M, Vosoughhoseini S, Ranjkesh B, Khani S, Saghiri S Zand V. Antibacterial efficacy of nanosilver, sodium hypochlorite and chlorhexidine gluconate against

*Enterococcus faecalis*. *Journal of Biotechnology* Vol. 10(35), pp. 6799-6803, 13 July, 2011

8- Zand V, Mokhtari H, Lotfi M, ForoughReyhani M, Sohrabi A, Tehranchi P, MokhtariZenouzi HR. Accuracy of working length determination with root ZX apex locator and radiography: An in vivo and ex vivo study. *African Journal of Biotechnology* Vol. 10(36), pp. 7088-7091, 18 July, 2011

9- Zand V, Lotfi M, Rahimi S, Mokhtari H, Kazemi A, Sakhamanesh V. A comparative scanning electron microscopic investigation of the smear layer after the use of sodium hypochlorite gel and solution forms as root canal irrigants. *J Endod* 2010;36:1234–1237. (Corresponding author).

10- Rahimi S, Yavari HR, Shahi S, Zand V, Shakoui S, ReyhaniMFPirzadeh A, <http://www.ncbi.nlm.nih.gov/pubmed?term=%22Pirzadeh%20A%22%5BAuthor%5D>. Comparison of the effect of Er, Cr-YSGG laser and ultrasonic retrograde root-end cavity preparation on the integrity of root apices. *JOURNAL OF ORAL SCIENCES*, 2010;52(1):77-81

11-Rahimi S, Shahi S, Lotfi M, Zand V, Abdolrahimi M ,Es,haghi R. Root canal configuration and the prevalence of C-shaped canals in mandibular second molars in an Iranian population. J Oral Sci. 2008; 50:9-13.

12-Zand V, Lotfi M, Vosoughhosseini S. J Endod 2008;34:481-3. Proliferative periostitis: a case report.

13-Vosoughhosseini S, Lotfi M, Shahi S, Baloo H, Mesgariabbasi M, Saghiri MA, Zand V, Rahimi S, Ranjkesh B. Influence of white versus grey mineral trioxide aggregate on inflammatory cells. J Endod 2008;34:715-7, (Corresponding author).

14-Lotfi M, Vosoughhosseini s, Zand V, Fatemi A, Shyezadeh V, Ranjkesh B.A mandibular second premolar with three canals and atypical orifices. J Oral Sci 2008 Sep;50:363-366.

15-Shahi S, Zand V, Oskoe SS, Abdolrahimi M, Rahnema AH. An in vitro study of the effect of spreader penetration depth on apical microleakage.. J Oral Sciences 2007 Dec;49(4):283-6.

16-Zand V, Bidar M, Ghaziani P, Rahimi S, Shahi S.. A comparative SEM investigation of the smear layer following preparation of root canals using nickel titanium rotary and hand instruments.J Oral Sci. 2007 Mar;49(1):47-52.

#### National journals

1-Mokhtari H, Niknami M, ZandV.Managing a mandibular second premolar with three-canal and taurodontism: a case report.Iran Endod J. 2013 Winter;8(1):25-8. Epub 2013 Jan 20.

2-Borna Z, Rahimi S, Shahi S, ZandV.Mandibular second premolars with three root canals: a review and 3 case reports.Iran Endod J.2011 Fall;6(4):179-82. Epub 2011 Nov 15.

3-Lotfi M, Moghaddam N, Vosoughhosseini S, Zand V, Saghiri MA. Effect of Duration of Irrigation with Sodium Hypochlorite in Clinical Protocol of MTAD on Removal of

Smear Layer and Creating Dentinal Erosion. J Dent Res Dent Clin Dent Prospects. 2012 Summer;6(3):79-84. Epub 2012 Sep 1\

4-saeedrahimi, vahidzand, shahriarshahi, saharshakoui, mohammadforoghrehani, mohhamadmohammadikhoshro, pardistehranchi A comparative scanning electron microscope investigation of cleanliness of root canals using hand K-Flexofiles, rotary RaCe and K3 instruments. Iranian Endodontics Journal 2008 :3:4.123-128

5-Maryam Janani, SaeedRahimi, ShahriarShahi, AmiralaAghbali, VahidZand

Endodontic treatment of a hypertaurodont mandibular second molar: A case report. Iranian Endodontic Journal, Vol 6, No 3 (2011).133-135

#### Abstracts

1-Vahid zand. Geriatric endodontics. 9 Th Iranian endodontic association congress, Isfahan, Iran

2-Vahid zand, saharshakouie. Vertical fracture in root canal treated teeth. 10 thiranian endodontic association congress.tehran,iran

3-sahar shakouie, vahidzand.diagnosis and treatment of root canal perforations. 10 thiranian endodontic association congress.tehran,iran

4-vahid zand. Optimal use of radiography ,photography and computed tomography in diagnosis of traumatized teeth. 11 thiranian endodontic association congress.tehran.iran

5-saeed rahimi,shahriarshahi,vahidzand,saharshakouie.dental anatomy as last target of endodontic treatment. 11 thiranian endodontic association congress.tehran , iran

6-amin salemmilani,vahidzand.

#### Professional memberships

Member of Iranian Dental Association (IDA)

Member of Iranian Association of Endodontists (IAE)