

# Maryam Khoroushi DDS.MS

## Curriculum Vitae

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**Academic position:** Professor of Operative Dentistry

**Department:** Operative Dentistry, School of Dentistry, Isfahan University of Medical Sciences

**Research Center:** Dental Materials Research Center, Isfahan University of Medical Sciences

**Address:**

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**Education:**

Isfahan University of Medical Sciences  
Operative Dentistry Postgraduate Program  
School of Dentistry, MS

1996

Isfahan University of Medical Sciences  
School of Dentistry, DDS

1992

**Publications:**

1. **Khoroushi M**, Mazaheri H, Tarighi P, Samimi P, Khalighinejad N. Effect of antioxidants on push-out bond strength of hydrogen peroxide treated glass fiber posts bonded with two types of resin cement. Restor Dent Endod. 2014 Nov;39(4):303-9. doi: 10.5395/rde.2014.39.4.303

2. **Khoroushi M**, Kachuei M. Pull-out bond strength of a self-adhesive resin cement to NaOCl-treated root dentin: effect of antioxidizing agents. *Restor Dent Endod*. 2014 May;39(2):95-103. doi: 10.5395/rde.2014.39.2.95.
3. Savabi O, Sahraneshin Samani M, Sahraneshin Samani A, **Khoroushi M**. An overview of application of CAD/CAM in dentistry (Part I). *J Isfahan Dent Sch* 2014; 10(1): 86-94.
4. Savabi O, Sahraneshin Samani M, Sahraneshin Samani A, **Khoroushi M**. A review of CAD/CAM use in dentistry (part II): Comparison of intraoral digital scanners used in restorative dentistry. *J Isfahan Dent Sch* 2014; 10(2): 163-175.
5. Mousavinasab SM, **Khoroushi M**, Moharreri M, Atai M. Temperature changes under demineralized dentin during polymerization of three resin-based restorative materials using QTH and LED units. *Restor Dent Endod*. 2014 Aug;39(3):155-63. doi: 10.5395/rde.2014.39.3.155.
6. Tarighi P, **Khoroushi M**. A review on common chemical hemostatic agents in restorative dentistry. *Dent Res J (Isfahan)*. 2014 Jul;11(4):423-8. Review.PMID:25225553.
7. Eshghi AR, **Khoroushi M**, Rezvani AR. Effect of bioactive glass air abrasion on shear bond strength of two adhesive resins to decalcified enamel. *J Dent (Tehran)* 2014; 11(6): 644-654.
8. Mansouri M, Mohammadpour M, Khademi A, **Khoroushi M**. A review of the systemic fluoride in preventive dentistry. *J Isfahan Dent Sch* 2014; 10(6): 498-506.
9. Kachuie M, Bazazzadeh M, **Khoroushi M**. Clinical considerations in relation to hepatitis B and C in dentistry. *J Isfahan Dent Sch* 2013; 9(5): 478-488.
10. **Khoroushi M**, Rafizadeh M, Samimi P. Bond Strength of Composite Resin to Enamel: Assessment of Two Ethanol Wet-Bonding Techniques. *J Dent (Tehran)*. 2014; 11(2): 150-60.
11. Fathpour K, **Khoroushi M**. Effect of trichloroacetic Acid hydrogel on self-etch adhesive bond strength to dental tissues. *J Contemp Dent Pract*. 2013 May 1;14(3):375-80. PubMed PMID: 24171976.
12. **Khoroushi M**, Keshani F. A review of glass-ionomers: From conventional glass-ionomer to bioactive glass-ionomer. *Dent Res J (Isfahan)*. 2013 Jul;10(4):411-420. Review. PMID:24130573

13. **Khoroushi M**, Hosseini-Shirazi M, Soleimani H. Effect of acid pre-conditioning and/or delayed light irradiation on enamel bond strength of three resin-modified glass ionomers. *Dent Res J (Isfahan)*. 2013 May;10(3):328-36. PubMed PMID: 24019800; PubMed Central PMCID: PMC3760355.
14. Eshghi A, Kowsari-Isfahan R, **Khoroushi M**. Evaluation of three restorative techniques for primary anterior teeth with extensive carious lesions: a 1-year clinical study. *J Dent Child (Chic)*. 2013 May-Aug;80(2):80-7. PubMed PMID: 24011296.
15. **Khoroushi M**, Ghazalgoo A. Effect of desensitizer application on shear bond strength of composite resin to bleached enamel. *Indian J Dent Res*. 2013 Jan-Feb;24(1):87-92. doi: 10.4103/0970-9290.114961. PubMed PMID: 23852239.
16. Shirban F, **Khoroushi M**, Shirban M. A new solvent-free one-step self-etch adhesive: bond strength to tooth structures. *J Contemp Dent Pract*. 2013 Mar 1;14(2):269-74. PubMed PMID: 23811658.
17. **Khoroushi M**, Shirban F, Shirban M. Marginal microleakage and morphological characteristics of a solvent-free one-step self-etch adhesive (B1SF). *J Dent (Tehran)*. 2013 Jan;10(1):32-40. Epub 2013 Jan 31. PubMed PMID: 23724201; PubMed Central PMCID: PMC3666063.
18. **Khoroushi M**, Rafiei E. Effect of thermocycling and water storage on bond longevity of two self-etch adhesives. *Gen Dent*. 2013 May-Jun;61(3):39-44. PubMed PMID: 23649573.
19. Mansouri M , **Khoroushi M**. Application of silver diamine fluoride in dentistry: A review. *Journal of Dental Medicine-Tehran University of Medical Sciences* 2013;26(3):224-33.
20. Mousavinasab SM, **Khoroushi M**, Moharreri M. Temperature Rise during Primer, Adhesive, and Composite Resin Photopolymerization of a Low-Shrinkage Composite Resin under Caries-Like Dentin Lesions. *ISRN Dent*. 2012;2012:198351.doi: 10.5402/2012/198351.
21. **Khoroushi M**, Moosavinasab SM, Keshani F, Hashemi S. Effect of resin-modified glass ionomer containing bioactive glass on the flexural strength and morphology of demineralized dentin. *Oper Dent* 2012; (Article in press).
22. **Khoroushi M**, Mansoori-Karvandi T, Kamali B, Mazaheri H. Marginal microleakage of resin modified glass-ionomer and composite resin restorations: effect of using etch-and-rinse and self etch adhesives. *IndianJ Dent Res* 2012; 23: 378-83.

23. **Khoroushi M**, Mansoori-Karvandi T, Hadi S. The effect of pre-warming and delayed irradiation on marginal integrity of a resin-modified glass-ionomer. *Gen Dent* 2012; Article in press.
24. Moshref-Javadi F, Afghari P, Rafizadeh M, Moharreri M, **Khoroushi M**. A review of the causes, indicators, diagnosis and treatment of dental fluorosis. *Journal of Isfahan Dental School* 2012; 8: 81-91.
25. **Khoroushi M**, Karvandi TM, Sadeghi R. Effect of prewarming and/or delayed light activation on resin-modified glass ionomer bond strength to tooth structures. *Oper Dent* 2012;37:54-62.
26. Moharreri M, Khosravi K, Moshref-Javadi F, **Khoroushi M**. A review of nano-composites. *Journal of Isfahan Dental School* 2012; 8: 269-90.
27. **Khoroushi M**, Mansoori M. Marginal sealing durability of two contemporary self-etch adhesives. *ISRN Dent* 2012; 2012:204813.
28. **Khoroushi M**, Saneie T. Post-bleaching application of an antioxidant on dentin bond strength of three dental adhesives. *Dent Res J (Isfahan)* 2012;9:46-53.
29. Nourbakhsh N, **Khoroushi M**, Sharif S. Shear bond strength of two self-etch adhesives to permanent and deciduous dental enamel: effect of acid preconditioning. *Journal of Islamic Dental Association of Iran (JIDA)* 2012; 24: 10-7.
30. Khalighinejad N, **Khoroushi M**, Khademi AA, Badrian H. A review of common errors in clinical research. *Journal of Isfahan Dental School* 2012;7: 660-8. [Farsi]
31. **Khoroushi M**, Aghelinejad S. Effect of postbleaching application of an antioxidant on enamel bond strength of three different adhesives. *Med Oral Patol Oral Cir Bucal*. 2011;16:e990-6.
32. Eshghi A, Esfahan RK, **Khoroushi M**. A simple method for reconstruction of severely damaged primary anterior teeth. *Dent Res J (Isfahan)* 2011;8:221-5.
33. Salamat F, Alizadeh V, Mazaheri H, Samimi P, Mousavinasab SM, **Khoroushi M**. A review of liners, bases and cements. *Journal of Dental School* 2011;7, 200-28.
34. Nourbakhsh N, **Khoroushi M**, Sharif S. Shear bond strength of two self-etch adhesives to permanent and deciduous dentin: effect of acid reconditioning. *Journal of Dentistry, Shiraz Univ Dent J* 2011; 12: 367-75.
35. Eshghi AR, Kowsari- Esfahan R, Khatami S, Nekouei M, Mazaheri H, **Khoroushi M**. Tensile strength analysis of three different restoring techniques in canine primary teeth. *Journal of Islamic Dental Association of Iran(JIDA)* 2011; 23(4):217-24.

36. Mazaheri H, **Khoroushi M**, Shafiei E, Ghorbanipour R, Majdzade F. Bond strength of composite-resin and resin-modified glass ionomer to bleached enamel: delay bonding versus an antioxidant agent. *Indian J Dent Res* 2011;22:432-5.
37. Mousavinasab SM, **Khoroushi M**, Keshani F, Hashemi S. Flexural strength and morphological characteristics of resin-modified glass-ionomer containing bioactive glass. *J Contemp Dent Pract* 2011;12:41-6.
38. Feiz A, **Khoroushi M**, Gheisarifar M. Bond strength of composite resin to bleached dentin: effect of using antioxidant versus buffering agent. *J Dent (Tehran)* 2011;8:60-6.
39. **Khoroushi M**, Feiz A, Khodamoradi R. Fracture resistance of endodontically-treated teeth: effect of combination bleaching and an antioxidant. *Oper Dent.* 2010 ;35:530-7.
40. **Khoroushi M**, Tavasoli M. The effect of trichloroacetic acid as a hemostatic and etching agent on the morphological characteristics and shear bond strength of resin composite to enamel. *Oper Dent* 2010;35:187-93.
41. **Khoroushi M**, Keshani Fa, Keshani Fo, Khademi AA, Mazaheri H. A review on clinical management of dental erosion. *Journal of Isfahan Dental School* 2010; 6, 214-32. [Farsi]
42. **Khoroushi M**, Keshani F. Effect of CPP-ACP on shear bond strength of composite-resin to bleached enamel. *Journal of Islamic Dental Association of Iran (JIDA)* 2010;22, 42-8. [Farsi]
43. Khademi AA, Ebrahimi Dastgerdi M, Khosravi K, **Khoroushi M**, Savabi O, Malekipour MR, Dastnaei HH. Considerations of post application in restoration of endodontically treated teeth: A review. *Journal of Isfahan Dental School* 2010;6, 135-53. [Farsi]
44. **Khoroushi M**, Navabi AA, Abrishami M. Effect of sodium ascorbate gel on class V composite resin restoration microleakage. *Journal of Islamic Dental Association of Iran(JIDA)* 2010; 21, 271-7. [Farsi]
45. Mazaheri H, **Khoroushi M**, Abrishami M, Feiz A. Effect of 10% sodium ascorbate gel on shear bond strength of composite resin and resin-modified glass-ionomer to bleached dentin. *Journal of Isfahan Dental School* 2010; 6, 269-75. [Farsi]
46. **Khoroushi M**, Fardashtaki SR. Effect of light-activated bleaching on the microleakage of Class V tooth-colored restorations. *Oper Dent.* 2009;34:565-70.

47. **Khoroushi M**, Feiz A, Ebadi M. Influence of intermediary filling material on microleakage of intracoronally bleached and restored teeth. *Dent Res J (Isfahan)* 2009;6:17-22.
48. Feiz A, **Khoroushi M**, Gheisarifar M. Effect of sodium ascorbate and calcium hydroxide on shear bond strength of composite resin to bleached enamel. *Journal of Islamic Dental Association of Iran(JIDA)* 2009;21: 115-21. [Farsi]
49. **Khoroushi M**, Naeimavi M. Effect of different shades of flowable composite on micro leakage of posterior restorations. *Journal of Islamic Dental Association of Iran(JIDA)* 2008; 20, 15-21. [Farsi]
50. **Khoroushi M**, Bazzazzadeh M. Effect of thermocycling on the shear bond strength of composite resin to supercast alloy. *Journal of Shahid Beheshti Dental School* 2008; 26, 32-9. [Farsi]
51. **Khoroushi M**, Sedaghat S. Effect of trichloroacetic-acid as an etching agent on composite-resin bond strength to dental tissues. *Research Journal of Biological Sciences* 2008; 3, 1320-3.
52. **Khoroushi M**, Karimi B. Saliva contaminated and re-etched all-in-one adhesive: Influence on bond strength. *Dent Res J (Isfahan)* 2008;3: 10-5.
53. **Khoroushi M**, Mostajeran F, Shayegh S. Shear bond strength of saliva contaminated and re-etched all-in-one adhesive to enamel. *Journal of Dentistry of Tehran University of Medical Sciences* 2008;5: 161-6.
54. **Khoroushi M**, Yeganehjoo M. Shear bond strength of composite/amalgam restorations: Effect of using adhesive cement. *Journal of Islamic Dental Association of Iran(JIDA)* 2007;19, 56-61. [Farsi]
55. **Khoroushi M**, Abedini A. Effect of adhesive cements on reduction of microleakage at the amalgam/composite-resin interface. *Journal of Dental Medicine* 2007; 20, 1-6.
56. **Khoroushi M**, Motamedi Sh. Shear bond strength of composite-resin to porcelain: Effect of thermocycling. *Journal of Dentistry of Tehran University of Medical Sciences* 2007;4:21-26.
57. Shayegh S.S, Nazari Moghaddam K, **Khoroushi M**, Khoroshy F. The effect of luting agent on the fracture resistance of root canal treated teeth restored with casting post. *Iranian Endodontic Journal* 2006; 1: 133-6.
58. **Khoroushi M**, Sadeghzadeh F, Nikbaght A. Fracture resistance of endodontically-treated premolars: Effect of horizontal pins and adhesive resin cement. *Dent Res J(Isfahan)* 2005; 2: 36-42. [Farsi]

59. **Khoroushi M**, Talebi M, Ghazi SA. Evaluation of blood mercury concentration in two groups of students of Isfahan Dental School. Journal of Isfahan Dental School 2004; 1, 17-20. [Farsi]
60. **Khoroushi M**. Biologic considerations of dental materials. Journal of biomaterials. 2004; 3,4: 1-4, review.
61. Khosravi K, **Khoroushi M**. Shear bond strength of saliva contaminated three step etch-&-rinse adhesive. Journal of Research in Medical Sciences 1997; 3: 170-6.

### **Professional Activities:**

2014 to date: Professor of operative dentistry and instructor (teacher) of operative dentistry and dental materials for undergraduate, postgraduate and PhD students, School of dentistry, IUMS, Isfahan, Iran.

2014 to date: Deputy Dean, Bureau of Scientific Resources and Research Publications, Isfahan University of Medical Sciences, Isfahan, Iran.

2014: The Head of the Committee for Evaluation and Promotion of Journals (14 journals) Published by Isfahan University of Medical Sciences in 2014.

A Member of the Council for Basic Sciences Research Plans of Isfahan University of Medical Sciences in the 2014–2015 Educational Year

A Member of the Policy-making Committee for the Libraries of Isfahan University of Medical Sciences in 2014

2014 to date: A Member of the Joint Scientific/Advisory Committee of Isfahan University of Medical Sciences and Isfahan University of Technology in relation to Guidelines, Educational Courses and Training of Biomaterial PhD Students.

2014 to date: A member of general Scientific/Advisory Committee for PhD by research courses, Vice-chancellor for education, Isfahan University of Medical Sciences, Isfahan, Iran.

2014 to date: A member of editorial board, Journal of Dental Problems and Solutions, (<http://www.peertechz.com/Dental-Problems-Solutions/index.php>)

2013 to date: Associate editor, Journal of Dental Biomaterials, Shiraz University of Medical Sciences, Shiraz, Iran. (<http://jdb.sums.ac.ir/index.php/jdb/pages/view/editorialteam>)

2012 to date: Vice-chancellor, Dental Materials Research Center, Isfahan University of Medical Sciences, Isfahan, Iran. (<http://tdmrc.mui.ac.ir/members/main-members.html>)

2011 to date: Editor-in-Chief, Journal of Isfahan Dental School, Isfahan University of Medical Sciences, Isfahan, Iran. (<http://www.jids.mui.ac.ir/index.php/jids>)

2011 to date: A Member of the Advisory Committee for Undergraduate Students of Isfahan University of Medical Sciences.

2009-2011: Associate editor, Journal of Isfahan Dental School, IUMS, Isfahan, Iran.

2010 to date: Member of Education Developmental Organisation in dentistry and committee for academic member evaluations, School of dentistry, IUMS, Isfahan, Iran. (<http://www.dnt.mui.ac.ir/-edo-skaktareh2-798/1391-01-24-04-06-54.html>)

2008: Associate editor, Dental Research Journal, Torabinejad Dental Research Center, Isfahan University of Medical Sciences, Isfahan, Iran.

2007 to date: Associate professor of operative dentistry and instructor (teacher) of operative dentistry and dental materials for undergraduate and postgraduate students, School of dentistry, IUMS, Isfahan, Iran.

2006 to date: Member of research committee, Isfahan Dental School, IUMS, Isfahan, Iran.

2005 to 2012: Member of International Association of Dental Research (IADR).

2003 to date: Member of research group, Torabinejad Dental Research Center, Isfahan University of Medical Sciences, Isfahan, Iran.

1997 - 2007: Assistant professor of operative dentistry and instructor (teacher) of operative dentistry and dental materials for undergraduate and postgraduate students, School of dentistry, IUMS, Isfahan, Iran.

2000 to date: Private office as an operative and cosmetic dentist, No.8, Heram Complex, Saadatabad St., Isfahan, Iran.

1997 to date: Participating in Annual Continuing Education program for general dentists as lecturer

2000 to date: Member of Iranian Academy of Cosmetic and Restorative Dentistry. (<http://www.iacrd.com>)

1992 -2000: Clinical practice as a specialist of operative and cosmetic dentistry, dental clinics affiliated by IUMS, School of dentistry.

2000: Instructor of Dental Materials, Azad University of khorasgan, Isfahan, Iran.



1990-1992: General practitioner, Hazrat Mohammad Governmental Health Clinic of Dentistry, Bozorgmehr St, Isfahan, Iran.

### **Presentations:**

1. Fracture resistance of endodontically-treated teeth: Applying antioxidizing agent following bleaching, IADR, Barcelona, Spain, 2010.
2. Saliva contaminated one-bottle adhesive: Effect of decontamination with phosphoric acid FDI Annual World Dental Congress, Singapore, 2009.
3. Microleakage of endodontically-treated bleached teeth: Effect of Antioxidizing Agent Toronto, Canada, 2008.
4. Effect of trichloroacetic-acid as an etching agent on composite-resin bond strength to dental tissues, FDI Annual World Dental Congress. Dubai, UAE, 2007.
5. Endodontically-treated premolars: effect of horizontal pins and adhesive resin cement, 3rd international women's leadership conference, Montreal, IADR. Montreal, Canada, 2005.
6. Determination of mercury level in dental students: Cold vapor atomic absorption spectrometry with amalgamation, 3rd international women's leadership conference. Montreal, Canada, 2005.
7. Saliva contaminated one-bottle adhesive: Influence on shear bond strength .FDI Annual World Dental Congress. Montreal, Canada, 2005.

### **Awards**

1. Second top student in national postgraduate examination, Iran, 1993.
2. Second top student in national board examination, Iran, 1997.
3. The best article in Operative Dentistry, 9th Hedayat Festival, 2007.
4. The first researcher in School of Dentistry, Isfahan University of Medical Sciences, 2010.
5. The researcher with the most citations in School of Dentistry, Isfahan University of Medical Sciences, 2011.
6. The first rank researcher in Dental Materials Research Center, School of Dentistry, Isfahan University of Medical Sciences, 2012.
7. The first rank executive manager in the fifth educational festival of Shahid Motahari , Isfahan University of Medical Sciences, 2012.
8. Editor-in-chief of the best scientific journal in Isfahan University of Medical Sciences between 18 scientific journals, IUMS, Isfahan, Iran, 2013.