

# Farahnaz Nejatidanesh *DDS.MS*

## *Curriculum Vitae*



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### **Address**

Farahnaz Nejatidanesh  
#400 Sheikhsadogh Shomali St.  
Sheikhsadogh Cross Road  
Esfahan 8164813315  
Iran  
Phone 0098-311-668-0339  
Fax: 0098-311-668-7080  
nejati@dnt.mui.ac.ir

### **Education**

Mashhad University of Medical Sciences Prosthodontics Postgraduate Program School of Dentistry, MS	1992
Mashhad University of Medical Sciences School of Dentistry DDS	1989

## Publications

- 1- **Nejatidanesh F**, Bonakdarchian H, Savabi G, Bonakdarchian M, Atash R, Savabi O. Clinical performance of implant supported mandibular overdentures with cantilever bar and stud attachments: A retrospective study. *Clin Implant Dent Relat Res*. 2022 Dec;24(6):845-853. doi: 10.1111/cid.13131. Epub 2022 Sep 14. PMID: 36104009
- 2- Abedi N, Rajabi N, Kharaziha M, **Nejatidanesh F**, Tayebi L. Layered scaffolds in periodontal regeneration. *J Oral Biol Craniofac Res*. 2022 Nov-Dec;12(6):782-797. doi: 10.1016/j.jobcr.2022.09.001. Epub 2022 Sep
- 3- Tabesh M, **Nejatidanesh F**, Savabi G, Davoudi A, Savabi O. Marginal Accuracy of Lithium Disilicate Full-Coverage Single Crowns Made By Direct and Indirect Digital or Conventional Workflows: A Systematic Review and Meta-Analysis. *J Prosthodont*. 2022 Mar 28. doi: 10.1111/jopr.13515. Online ahead of print. PMID: 35344238
- 4- Khodaei M, **Nejatidanesh F**, Tayebi L, Savabi O. The effect of SiO<sub>2</sub>/LiO<sub>2</sub> ratio on the mechanical and biological properties of lithium metasilicate glass ceramic. *Materials Technology*. 2022: 1-8
- 5- Mirdamadi SM, Khodaei M, Valanezhad A, Watanabe I, **Nejatidanesh F**, Savabi O. Effect of post heat treatment on surface properties of hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) treated titanium. *J Mater Res Technol*. 2022 18, 584-590
- 6- Tabesh M, **Nejatidanesh F**, Savabi G, Davoudi A, Savabi O, Mirmohammadi H. Marginal adaptation of zirconia complete-coverage fixed dental restorations made from digital scans or conventional impressions: A systematic review and meta-analysis. *J Prosthet Dent* 2021 Apr;125(4):603-61.
- 7- **Nejatidanesh F**, Savabi O, Savabi G, Razavi M. How the initial retentive force of implant-supported overdentures can be affected with splinted and unsplinted attachments systems *Dental Research Journal* 2021 18 (1), 101
- 8- Khodaei M, **Nejatidanesh F**, Shirani MJ, S Iyengar S, Sina H, Valanezhad A, Savabi O. Optimum temperature and chlorine ion concentration for hydrogen peroxide treatment of titanium dental implant material.. *Journal of Materials Research and Technology*. 2020 9 (6), 13312-13319
- 9- M Khodaei M, **Nejatidanesh F**, Shirani MJ, Iyengar S, Sina H, Savabi O. Magnesium/Nano-hydroxyapatite composite for bone reconstruction: the effect of processing method. *Journal of Bionic Engineering*. 2020 17 (1), 92-99

- 10- **Nejatidanesh F**, Abbasi M, Savabi G, Bonakdarchian M, Atash R, Savabi O. Five year clinical outcomes of metal ceramic and zirconia-based implant-supported dental prostheses: A retrospective study. *J Dent*. 2020 Sep;100:103420. doi: 10.1016/j.jdent.2020.103420. Epub 2020 Jun 26.
- 11- Khodaei M, **Nejatidanesh F**, Shirani MJ, Iyengar S, Sina H, Valanezhad A, Savabi O. Optimum temperature and chlorine ion concentration for hydrogen peroxide treatment of titanium dental implant material. *J Mater Res Technol* 2020. 9 (6), 13312-13319.
- 12- **Nejatidanesh F**, Azadbakht K, Savabi O, Sharifi M, Shirani M. Effect of repeated firing on the translucency of CAD-CAM monolithic glass-ceramics. *J Prosthet Dent* 2020;123:530.e1-30.e6.
- 13- Valanezhad A, Savabi O, **Nejatidanesh F**, Khodaei M, Shirani MJ, Watanabe I. The effect of vacuum leak rate on sintering of porous titanium scaffold. *e-Journal of Surface Science and Nanotechnology* 2019;17:184-88.
- 14- Khodaei M, **Nejatidanesh F**, Shirani MJ, Valanezhad A, Watanabe I, Savabi O. The effect of the nano- bioglass reinforcement on magnesium based composite. *J Mech Behav Biomed Mater*. 2019 Aug 12; 100:103396. doi: 10.1016/j.jmbbm.2019.103396. [Epub ahead of print]
- 15- **Nejatidanesh F**, Azadbakht K, Savabi O, Shirani MJ, Sharifi M. Effect of Repeated Firing on the Color Changes of Lithium Di-silicate with High and Low Translucency: An In-vitro Study. *J Isf Dent Sch* 2019 (1), 9-16. (Farsi)
- 16- Aivazi M, Fathi M, **Nejatidanesh F**, Mortazavi V, Hashemi Beni B, Matinlinna JP. Effect of Surface Modification on Viability of L929 Cells on Zirconia Nanocomposite. *J Lasers Med Sci*. 2018 Spring;9(2):87-91. doi: 10.15171/jlms.2018.18. Epub 2017 Mar 20.
- 17- **Nejatidanesh F**, Savabi O, Savabi G, Razavi M. Effect of cleaning methods on retentive values of saliva-contaminated implant-supported zirconia copings. *Clin Oral Implants Res*. 2018; 29(5):530-6.
- 18- **Nejatidanesh F**, Savabi G, Amjadi M, Abbasi M, Savabi O. Five year clinical outcomes and survival of chairside CAD/CAM ceramic laminate veneers - a retrospective study. *J Prosthodont Res*. 2018;62(4):462-7
- 19- Savabi O, **Nejatidanesh F**, Bagheri KP, Karimi L, Savabi G. Prevention of cross-contamination risk by disinfection of irreversible hydrocolloid impression materials with ozonated water. *Int J Prev Med*. 2018; 9(1):37.

- 20- Aivazi M, Hossein Fathi M, **Nejatidanesh F**, Mortazavi V, HashemiBani B, Matinlinna JP, Savabi O. The evaluation of prepared microgroove pattern by femtosecond laser on alumina-zirconia nano- composite for endosseous dental implant application. *Lasers Med Sci*. 2016; 31(9):1837-1843.
- 21- Aivazi M, Fathi M, **Nejatidanesh F**, Mortazavi V, Hashemibeni B. Effect of alumina addition to zirconia nano-composite on low temperature degradation process and biaxial strength. *J Ultrafine Grained Nanostruct Mater*. 2016 49 (2), 103-111
- 22- **Nejatidanesh F**, Shakibamehr AH, Savabi O. Comparison of marginal and internal Adaptation of CAD/CAM and Conventional Cement Retained Implant-Supported Single Crowns. *Implant Dent*. 2016; 25(1):103-8.
- 23- **Nejatidanesh F**, Amjadi M, Akouchekian M, Savabi O. Clinical performance of CEREC AC Bluecam conservative ceramic restorations after five years-A retrospective study. *J Dent*. 2015; 43(9):1076-82.
- 24- **Nejatidanesh F**, Moradpoor H, Savabi O. Clinical outcomes of zirconia-based implant- and tooth-supported single crowns. *Clin Oral Investig*. 2016; 20(1):169-178.
- 25- Savabi G, Savabi O, Dastgheib B, **Nejatidanesh F**. Effect of the processing cycle on dimensional changes of heat-polymerized denture base resins. *Dent Res J (Isfahan)*. 2015; 12(4):301-6.
- 26- **Nejatidanesh F**, Savabi O, Ebrahimi M, Savabi G. Retentive strength of implant-supported base metal copings over short metal abutments using different luting agents and surface treatments. *Implant Dent*. 2014; 23(2):162-7.
- 27- **Nejatidanesh F**, Savabi O, Jabbari E. Use of pindex system in fabrication of the sectional custom tray. *J Prosthodont*. 2014; 23(5):417-9.
- 28- **Nejatidanesh F**, Savabi O, Jabbari E. Effect of surface treatment on the retention of implant-supported zirconia restorations over short abutments. *J Prosthet Dent*. 2014;112(1):38-44
- 29- Shakibamehr AH, Askari N, Abolhasani M, Moradpoor H, **Nejatidanesh F**. A procedure for recording and reproducing the cast position on a surveyor. *Dent Res J (Isfahan)*. 2013;10(5):695-6

- 30- Savabi O, Attar K, **Nejatidanesh F**, Goroohi H, Badrian H. Effect of different chemical disinfectants on the flexural strength of heat-polymerized acrylic resins. *Eur J Prosthodont Restor Dent*. 2013; 21:105-8.
- 31- **Nejatidanesh F**, Savabi O, Shahtoosi M. Retention of implant-supported zirconium oxide restorations using different luting agents. *Clin Oral Implant Res* 2013; 24 Suppl A100:20-4.
- 32- Savabi O, **Nejatidanesh F**, Yordshahian F. Retention of implant-supported overdenture with bar/clip and stud attachment designs. *J Oral Implant* 2013;39:140-7
- 33- **Nejatidanesh F**, Khosravi Z, Goroohi H, Badrian H, Savabi O. Risk of contamination of different areas of dentist's face during dental practices. *Int J Prev Med*. 2013; 4:611-5.
- 34- Savabi O, **Nejatidanesh F**, Fathi MH, Navabi AA, Savabi G. Evaluation of hardness and wear resistance of interim restorative materials..*Dent Res J (Isfahan)*. 2013; 10(2):184-9.
- 35- **Nejatidanesh F**, Savabi O, Ebrahimi M, Savabi G. Retentiveness of implant-supported metal copings using different luting agents. *Dent Res J (Isfahan)* 2012; 9: 13-8.
- 36- **Nejatidanesh F**, Savabi O, Asgari SN, Shafie S. Dimensional accuracy of irreversible hydrocolloid impressions disinfected with ozonated water. *Journal of Isfahan Dental School* 2012; 8 (1): 18-26. [Farsi]
- 37- Salimi H, Savabi O, **Nejatidanesh F**. Current results and trends in platform switching. *Dent Res J* 2011; 8:S30-6.
- 38- Savabi O, **Nejatidanesh F**, Shabanian M, Anbari Z. Two-body wear resistance of some indirect composite resins. *Eur J Prosthodont Rest Dent* 2011; 19:81-84.
- 39- Savabi O, **Nejatidanesh F**, Hasankhani A, Mohamadikhah Z. The attitude and practice of dentists in relation with HIV and HBV infected patients in Isfahan province. *Iranian Journal of Medical Education* 2011; 10:868-875[Farsi]
- 40- **Nejatidanesh F**, Poushang Bagheri K, Shahtousi M, Talaei, Savabi O. Disinfection of polyether impression materials with hydrogen peroxide solution containing silver ion. *Journal of Isfahan Dental School* 2010; 5; 181-188. [Farsi]

- 41- Savabi O, Yosefimoqhadam A, **Nejatidanesh F**. A method for making implant supported record bases. *J Oral Implant* 2009; 35:300-2.
- 42- **Nejatidanesh F**, Momeni G, Savabi O. Flexural strength of interim resin materials for fixed prosthodontics. *J Prosthodont* 2009; 18: 507–511.
- 43- **Nejatidanesh F**, Peimannia E, Savabi O. Effect of labial frenum notch size and palatal vault depth on stress concentration in maxillary complete dentures: A finite element study. *J Contemp Dent Pract* 2009; 3:059-066.
- 44- **Nejatidanesh F**, Koopaee H, Moniri Fard R, Savabi O. Dimensional accuracy of three polyvinyl siloxane putty – wash impression techniques. *Shahid Beheshti Dental Journal* 2009; 26: 412-419. [Farsi]
- 45- **Nejatidanesh F**, Savabi O, Sarrafpour B, Mirabi D. Developing a software for removable partial denture design: Part 2: Introduction of RPD graph software. *Journal of Dentistry Tehran University of Medical Sciences* 2008; 20: 163-167. [Farsi]
- 46- **Nejatidanesh F**, Savabi O, Sarrafpour B, Mirabi D. Developing a software for removable partial denture design: Part 1: Data collection. *Journal of Dentistry Tehran University of Medical Sciences* 2008; 20: 84-88. [Farsi]
- 47- Savabi O, **Nejatidanesh F**, Khosravi S. Effect of occlusal splints on the electromyographic activities of masseter and temporal muscles during maximum clenching. *Quintessence Int.* 2007; 38:E129-32.
- 48- Savabi O, **Nejatidanesh F**. Custom impression tray for dental implants. *J Prosthet Dent.* 2007; 97:183-4.
- 49- Memaran SH, Savabi O, **Nejatidanesh F**, Fathi F. Comparison of bond strength of porcelain to metal in noble, base metals (with and without )beryllium with SEM/EDS analysis. *Journal of Isfahan Dental School* 2006; 2: 47-52. [Farsi]
- 50- **Nejatidanesh F**, Lotfi HR, Savabi O. Marginal accuracy of interim restorations fabricated from four interim autopolymerizing resins. *J Prosthet Dent* 2006; 95:364-7.
- 51- **Nejatidanesh F**, Yazdanparast A, Savabi O. An investigation on metallic ion release from four dental casting alloys. *Journal of Dentistry Tehran University of Medical Sciences* 2005; 2: 168-173.
- 52- **Nejatidanesh F**, Savabi O, Darabi R. Effect of tapering of axial walls convergence on retention of full veneer crowns. *Journal of Islamic Dental Association* 2005; 17: 52-57.[Farsi]

- 53- **Nejatidanesh F**, Savabi O, Azad M. Comparative study of tensile strength of ceramometal bonding of two base metal alloys. *Journal of Dentistry Tehran University of Medical Sciences* 2005; 18: 29-35.[Farsi]
- 54- **Nejatidanesh F**, Savabi O, Ani A. Comparative study of interocclusal distance and closest speaking space in denture wearers. *Shahid Behshti University Dental Journal* 2004; 22: 187-194.[Farsi]
- 55- Savabi O, **Nejatidanesh F**. Interocclusal record for fixed implant-supported prosthesis. *J Prosthet Dent* 2004; 92:602-3.
- 56- Savabi O, **Nejatidanesh F**. Cantilever resin bonded fixed partial denture. A clinical report. *Dent Res J (Isfahan)* 2004; 1:45-47.
- 57- Savabi O, **Nejatidanesh F**. A method for fabrication of temporary restoration on solid abutment of ITI implants. *J Prosthet Dent* 2003; 89:419.
- 58- **Nejatidanesh F**, Savabi O. Effect of changes in vertical dimension of occlusion on electromyographic activities of masticatory muscles in denture wearers. *Dental Research Journal* 2003; 1:63-67.
- 59- **Nejatidanesh F**, Savabi O, Salehi MR. Comparative study of different methods for increasing bond strength of acrylic denture teeth to acrylic resin base. *Shahid Behshti University Dental Journal* 2003; 21: 584-590.[Farsi]
- 60- **Nejatidanesh F**, Savabi O, Erfani M. Comparative study of bond strength of acrylic denture teeth to acrylic resin base. *Shahid Behshti University Dental Journal* 2003; 21:415-420.[Farsi]
- 61- **Nejatidanesh F**, Tavakoli A, Haratian A. Microbicidal activity of two disinfectant materials on high speed hand pieces. *Journal of Dentistry Tehran University of Medical Sciences* 2003; 16: 65-71. [Farsi]
- 62- Savabi O, Mazaheri M, Shadzi SH, **Nejatidanesh F**. Evaluation of adhesion of candida albicans to denture base materials. *Journal of Dentistry Tehran University of Medical Sciences* 2003; 16: 44-51.[Farsi]
- 63- Savabi O, **Nejatidanesh F**. Comparative study of electromyographic activities of masticatory muscles in denture wearers and dentate individuals. *Shahid Behshti University Dental Journal* 2001; 19: 273-78.[Farsi]
- 64- **Nejatidanesh F**. Post insertion complaint of complete denture wearers among the Isfahan dental school patients. *Shahid Behshti University Dental Journal* 1999; 17: 231-237.[Farsi]

65- Savabi O, **Nejatidanesh F.** Essential of Complete Denture Prosthodontics. (Farsi translation of the book written by Sheldon Winkler), Isfahan University of Medical Sciences Publications, Isfahan, 2001.

66- Savabi O, **Nejatidanesh F.** Interim restorations in implant dentistry: Basic considerations and techniques. In Dental implantation and technology. Editors: Paul A. Williams. Nova Science Publishers, Inc., New York. 2009. Ch 1. pp:1-35

### **Projects:**

A new porous magnesium scaffolding scheme for hard tissue reconstruction. NIMAD Project No: 9714 16

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<https://scholar.google.com/citations?user=a817gc8AAAAJ&hl=en>

<https://www.researchgate.net/profile/Farahnaz-Nejatidanesh>

### **Professional Experience**

Professor, Department of Prosthodontics  
and Dental Materials Research Center 2012  
School of Dentistry, Isfahan University of Medical Sciences.

Associate Professor, Department of Prosthodontics  
and Dental Materials Research Center 2006-2012  
School of Dentistry, Isfahan University of Medical Sciences.

Assistant Professor, Department of Prosthodontics,  
School of Dentistry, Isfahan University of Medical Sciences. 1994-2006  
Isfahan, Iran.

### **Research Interests**

Dental Materials  
Implant Dentistry



## **Professional Activities**

Head of Dental Materials Research Center, Dental Research Institute, School of Dentistry, Isfahan University of Medical Sciences

Member of Iranian Academy of Prosthodontics

**Editorial Board of:** Dental Research Journal (Torabinejad Dental Research official Journal), and Journal of Isfahan Dental School

## **Presentations**

1. Accuracy of digital CAD/CAM restorations. 14<sup>th</sup> International Congress of Iranian Prosthodontics Association. Tehran, Iran, 2014.
2. Marginal adaptation of all-ceramic restorations. Dental ceramics and all-ceramic restorations. Isfahan, Iran, 2013
3. Evaluation of hardness and wear resistance of interim restorative materials. 10<sup>th</sup> International Congress of Iranian Prosthodontics Association. Tehran, Iran, 2011.
4. Zirconium oxide CAD/CAM restorations for implant-supported fixed prosthesis. 10<sup>th</sup> International Congress of Iranian Prosthodontics Association. Tehran, Iran, 2011.
5. Interim restorations in implant dentistry: basic considerations and techniques. 9<sup>th</sup> International Congress of Iranian Prosthodontics Association. Iran, Mashhad, 2009.
6. Retention of implant-supported overdentures with different designs. 9<sup>th</sup> International Congress of Iranian Prosthodontics Association. Iran, Mashhad, 2009.
7. Cercon Smart Ceramics. 7<sup>th</sup> International Congress of Iranian Prosthodontics Association. Iran, Tehran, 2008.
8. IPS e.max full ceramic restorations. 6<sup>th</sup> International Congress of Iranian Prosthodontics Association. Iran, Tehran, 2007.
9. Effect of occlusal splints on the electromyographic activities of masseter and temporal muscles during maximum clenching. 5<sup>th</sup> International Congress of Iranian Prosthodontics Association. Iran, Tehran, 2006.
10. Marginal accuracy of interim restorations fabricated from four interim autopolymerizing resins. 5<sup>th</sup> International Congress of Iranian Prosthodontics Association. Iran, Tehran, 2006.
11. Corrosion behavior of base metal alloys. 8<sup>th</sup> Annual Congress of Iranian Association of Metallurgy. Isfahan, Iran, 2004.
12. Castability of base metal alloys. 3<sup>rd</sup> International Congress of Iranian Prosthodontics Association. Iran, Tehran, 2003.

13. Comparison of different methods for increasing bond strength of acrylic denture teeth to acrylic resin base. 1<sup>st</sup> International Congress of Iranian Prosthodontics Association. Iran, Tehran, 2001.
14. Surveyor in prosthodontics. 38<sup>th</sup> Annual Congress of Iranian Dental Association. Iran, Tehran, 1998.

### **Awards**

1. Winner of the best article in prosthodontics, 14<sup>th</sup> Hedayat Research Festival, Tehran, Iran, 2015.
2. Winner of the best article in prosthodontics, 11<sup>th</sup> Hedayat Research Festival, Tehran, Iran, 2010.
3. Winner of 3<sup>rd</sup> prize of Razi Award Festival, Dentistry Section. Tehran, Iran, 2007.
4. Winner of the best article in prosthodontics, 7<sup>th</sup> Hedayat Research Festival, Tehran, Iran, 2006.