

Maryam Bidar, DDS

Department of: Endodontics
Specialty: Endodontics
Academic Rank: Associate professor
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Dental Research Center, Endodontics Department, faculty of dentistry,
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Qualifications:

1988 Graduate as General Dentistry, School of Dentistry, Mashad University of Medical Sciences, Mashad, Iran.
1993 Graduate as Endodontist: School of Dentistry, Mashad University of Medical Sciences, Mashad, Iran.
1993 Endodontist Board Certification

Employment:

1988-Present	Lecturer
1993– 2004:	Assistant Professor At Department of Endodontic in Faculty of Dentistry, University of Medical Sciences Mashhad Iran.
2004 – Present	Associate Professor at Department of Endodontics in faculty of, University of Medical Sciences Mashhad, Iran.
2001– 2006	Chief Animal Research Unit.
2006- Present	Head of Dental Research Center.
2011- Present	Head of Research in education committee, education development office.

Positions Held:

- *Associate professor, Department of Endodontics
- *Active Member of Research concil of Mashhad Medical Siense Uneversity
- * Diplomat of Iranian Board Examination in Endodontics

Membership of Professional Associations

2000– Present	Member of American Association of Endodontics.
1998 – Present	Member of Iranian Association of Endodontics.
1993 – Present	Member of Iranian Dental Association.
2005 – Present	Member of Iranian Dental Research Center
2005 – Present	Member of International Association of Dental research
2005 – Present	Member of Dental Research Center of Mashhad Medical Sciences University

Honors & Awards:

- The Best Researcher of The YEAR in Mashhad University of Medical Sciences, Mashad, 2004.
- The Best Researcher of The YEAR in Mashhad University of Medical Sciences, Mashad, 2005.
- The Best Researcher in The 13th dentistry science razi research festival on medical science , Iran , 2007(This festival is one of two most valid research festivals in Iran).
- The Best article shahid hedyat dentistry congers 2009.

Publications:

Books:

- Monsef, Bidar, Drugs, Trauma and Emergencies in Endodontic, Mashhad, 1994.
- Bidar M, Noee AA, Jafarzadeh H, Hoseinpoor Jajarm H. Infection Control in Dentistry. Mashhad: Ferdowsi University Press; 2007

Articles Published in Persian

- 1) Soluti MA, Bidar M: Comparative study of incidence of pain in one and multiple visit endodontic treatment. Mashad Dental School J 1994; 18(2): 9-11.
- 2) Bidar M: Comparative study of apical leakage at three root canal sealers. Mashad Dent School J 1998; 21(3&4): 152-57.
- 3) Bidar M, Zarrabi MH, Shayaldy M. Histopathological study of the periapical inflammation following RCT in infected teeth of cats, as associated with penicillin G consumption. Beshti Univ Dent J 2000; 18(1): 7-14.
- 4) Bidar M, Ghaziani P, Saatchi M, Soluti MA: Clinical study of the effect of Asetemizole (Antihistamine drug) on reducing postoperative pain. Dent J of Tehran University of Med Sci 2001; 14(3): 58-65.
- 5) Bidar M, Sadeghi GH, Fallah Rastegar A, Zarrabi MH, Talati A, Hosaini SJ: An invitro comparative study of apically extruded debris in conventional and profile rotary instrumentation techniques. Mashhad Dent Sch J 2002; 26(1&2): 17-24.
- 6) Fallah Rastegar A, Ghaziani P, Bidar M, Talati A, Hosaini S: Radiographic study of usage the hydroxyl apatite in one visit apexification in cat's open apex teeth. Mashad University Dental J 2003; 26(3&4): 157-160.
- 7) Bidar M, Saatchi M, Ghodduji J: Histologic evaluation of tissue responses following using Asetmizol in root canal treatment of cat's teeth. Beheshti Univ. Dent. J.2003
- 8) Madani A, Bidar M: A comparative study on the tensile strength of 3 luting cements: Zin phosphate, Glass ionomer and cormax II in the retention of custom posts. Islamic dent Asso of Iran J 2004; 15(4): 6-18.
- 9) Ghodduji J, Bidar M, Salehinejad J, Hafez MT: Histologic evaluation of pulpal status in patients with periapical disease. Mashad Dent Scho J 2004; 27(3&4): 150-154.
- 10) Ghaziani P, Bidar M, Ghodduji J, Saberi EA; A comparative study of lidocaine and lidocain-Morphine in anesthetizing human inflamed pulp. Beheshti Univ Dent J 2004; 22(1): 116-125.
- 11) Fallah Rastegar A, Bidar M, Mohtasham N, Rahimi IT. Comparison of maximum rate of cate inflammation in periapical lesion of cats preinfected teeth, following instrumentation of root canal with different preparation techniques. Behshti Univ. Dent J 2004; 22(2): 269-283.
- 12) Zarrabi MH, Zardadi AR, Bidar M: A clinical study of the effects of oral administration of Dexametazon on the incidence of post treatment Endodontics pain. Mashad Dent Sch J 2005; 29(1&2): 139-44.
- 13) Bidar M, Sadeghi M, Mohtasham N: Histopathologic comparison of periapical inflammation between conventional and profile rotary instrumentation in cat. Beheshti univ Dent J 2005; 23(2): 234-242.
- 14) Bidar M, Ghodduji J, Javidi M. Comparison of apical leakage of endodontically treated teeth with or without presence of smear layer by dye. Penetration. Daneshvar Medicine J 2005; No, 55: 11-16.
- 15) Bidar M, Sahra Navard GH, Jalali E. Evaluation of mannitol's effects of inflamed pulp anesthesia in cat. Kerman Univ of Medi Sci 2005; 12(2): 130-35.
- 16) Bidar M, Sadeghi GH, Zoashkiani F: A histologic evaluation of rat connective tissue reaction to three gutta-percha cones (ariodent, reoko and diadent). Mashad Dent Sch J 2005; 29(1&2): 17-23.
- 17) Bidar M, Zareie M, Madani A.A : Comparison of the smear layer remained on root canal walls in two method of instrumentations, manual and rotary with various speeds. Daneshvar Medicine J. In press.
- 18) Bidar M, Ghodduji J, Tavakol Afshari J, Shahrami F, Fahmideh Kar MA: Evaluation of Adhesion and Morphology of Human Osteoblasts to White MTA/Gray MTA and IRM as Root End Filling Materials by Scanning Electron Microscopy. . Mashad Dental School J. In press.
- 19) Bidar M, Sheikhnezmi M, Moradi S: In vitro evaluation of the presence of second canal in distal root of first and second mandibular molars. . Mashad Dental School J. In press.
- 20) Bidar M, Zarrabi MH, Firoozi Moghadam A: Evaluation of apical microleakge in cavity preparation with different dimension for retrograde. Mashad Dental School J. 2006; 29(4,3): 171-76.
- 21) Bidar M, Zarei M, Manafi S: An invitro evaluation of apical leakage in resected roots filled by white MTA or Portland cement. Mashad Dental School J. In press.
- 22) Bidar M, Tavakol Afshari J, Zarrabi M.H, Aghasi Zadeh N: Evaluation of IL-1 β secretion level by human osteoblast cells adjunct to white MTA, Dark MTA, Portland cement & IRM as a retrograde filling material. Mashad Dental School J. In press.
- 23) Bidar M, Shahrami F: Acupuncture in treatment of endodontic pain. Daneshvar Medicine J. In press.
- 24) Bidar M, Tavakol Afshari J, Shahrami F: Evaluation of Morphology and Adhesion of Human Osteoblasts to White MTA, Gray MTA and Portland Cement as Root End Filling Materials by Scanning Electron Microscopy. Dent J of Tehran University of Med Sci. In press.
- 25) Bidar M, Zareie: An invitro investigation on the incidence of apical leakage after using calcium hydroxide as an intracanal dressing. Islamic Dent Asso J 2004; 16(2): 7-13.
- 26) Zarrabi MH, Bidar M, Godduji J, . Sharifi M. An Invitro Study of Apical Leakage of Three Materials

- Gray MTA, White MTA and Portland Cement. Scientific Journal of Rafsanjan Medical Science University. In press
- 27) Bidar M, Zarrabi MH, Sadeghi GH., Alipour N. A comparative study between the efficacy of Tramadol Hydrochloride and Ibuprofen in control of pain after root canal Therapy. Islamic dent Asso of Iran J In press.
- 28) Bidar M, Zarei M , Abbasian M. Comparison of chlorhexidine and sodium hypochlorite effect as intracanal irrigants on pain and swelling after root canal therapy in teeth with necrotic pulp. Mashad University Dental In press.
- 29) Bidar M., Zarrabi MH., Mohtasham N., Noee AA .Histologic evaluation of repair of mechanical furcal perforations in dog premolars, Mashad University Dental In witer 2008- 31(4)
- 30) M. Bidar, M. Zarei, A.A Madani, MDJ. Kharazifard .Comparison of the remaining smear layer following use of manual and rotary instruments with various speeds- Journal of Islamic Dental Association of Iran- spring 2008. (62):43-49
- 31) Bidar M., Zarei M., Sheikh Nezami M. Success Rate of Retreated Teeth with Periapical Lesions: A Clinical and Radiographic Evaluation-, Mashad University Dental In summer 2008- 8(15)31-37
- 32) Bidar M, Moradi S, Bidad S, Jafarzadeh H, Esmaily H. An Invitro Comparative Study of Marginal Adaptation of Two Retrograde Materials (Gray MTA and Portland Cement) by SEM .Mashhad University Dental In spring 2009- 32(1)
- 33) Bidar M, Zarrabi MH, Sadeghi Gh, Alipour N .A Comparative Study between the Efficacy of Tramadol Hydrochloride and Ibuprofen in Control of Pain after Root Canal Therapy. Mashhad University Dental In summer 2009- 32(2)
- 34) Bidar M, Gharehchahi M, Ghabel NM, Hafez B .Clinical evaluation of hypnotism-induced local anesthesia in endodontics. JUNDISHAPUR JOURNAL OF MICROBIOLOGY Fall 2009.8(3)
- 35) Bidar M, Gharehchahi M , Monajemzadeh SA ,Azghandi M.Evaluation of root canal cleanliness after preparation with rotary and hand Nickel –Titanium Instruments. SHIRAZ E MEDCIAL JOURNAL- 2010- 11(1)
- 36) M Bidar , M Sedigh , M Zarei . A comparative study on the clinical success of restorations with MTA and gray Portland cement in permanent molar perforations. Journal of Isfahan Dental School 2010;6(3): 165-172
- 37) Bidar, Maryam Gharehchahi, F. Shahram, K. King Safari Abadi, M. Bible "Laboratory evaluation of coronal microleakage using four kinds of tooth filling material penetration," Journal of Ahwaz University of Medical Sciences, Volume I, Number Six, 1390
- 38) Bidar, H. Razmi, Mohammad Qasim Amin Alzrbyan. "Pain after root canal therapy: risk factors and painkillers." Isfahan University of Medical Sciences Journal, Volume 7, Number 1, Spring 90

- 39) Saatchi M, bidar m, razni h. Post- endodontic pain: factors involved and analgesics. Journal of the California Dental Association 2011

Articles that Published in English:

- 1) Bidar M, Fallah Rastegar A, Ghaziani P, Namazikhah S: Evaluation of Apically Extruded Debris in conventional and Rotary Instrumentation Techniques. CDA Journal 2004; 23: 665-71.
- 2) Bidar M, Moradi S, Zarrabi MH, Barikbin B: Histopathological study of periapical inflammation following preparation the root canal with conventional and profile rotary instrumentation in teeth of cats. Tehran Univ of Med Scien Dentist J 2005; 2(1): 7-12.
- 3) Zarrabi MH, Mohtasham N, Sheikh Nezamy M, Bidar M: A comparative study of apical healing of open apices teeth with MTA and Ca(OH)₂ apical plugs in cats. Journal of Dentistry of Theran University of Medical Sciences 2006; 2(2): 85-.
- 4) Ghaziani P, Fallah Rastegar A, Bidar M, Sadeghi G, Chegin P: Clinical and radiographic evaluation of success rate with MTA plug in open apices. Iranian Assoc of Endo J. 2006; 1(1).
- 5) Talati A, Bidar M, Sadeghi Gh, Nezami H: A Comparative study of Lidocaine and Lidocaine-Mannitol in Anesthetizing Human Teeth with Inflamed Pulp. Iranian Assoc of Endo J. 2006; 1(1).
- 6) Zarrabi MH, Bidar M, Jafarzaheh H. An in vitro comparative study of apically extruded debris in conventional and 3 rotary (Profile, Race, Flexmaster) instrumentation tchniuqes. Jornal of Oral Science. 2006 Jun; 48(2): 85-8.
- 7) Bidar M, Madani AS, Mohtasham N, VardKar M, Jafarzaheh H. Study of the full-crown preparation effect on Intact versus Inflamed pulp Tissue. New York State Dental Journal. In press.
- 8) Bidar M, Moradi S, Jafarzaheh H, Bidad S. A comparative SEM study of the marginal adaptation of three root-end filling materials (white and grey MTA and Portland Cement). Australian Endodontic Journal. Apr 2007; 33(1): 2.
- 9) 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 instruments. Jornal of Oral Science. 2007; 49(1): 47-52.
- 10) Ghavamnasiri M, Bidar M, Habibi Rad A, Namazikhah S. The effect of 16 percent carbamide peroxide on Enamel staining susceptibility. CDA Journal 2006; 34(11):873-76.
- 11) Zarrabi MH, Bidar M, Jafarzadeh H. The influence frequency on apical extrosion of debris in three instrumentation Techniques. Dental Research Journal. 2006; 3(2): 62-67.
- 12) Afshari JT, Aghasizadeh N, Bidar M- Evaluation of IL-1 beta secretion level of human osteoblasts and morphology of these cells adjunct to gray MTA, white MTA, Portland cement and IRM as retrofilling- Clinicaliimmunology-2007; 123:S163-
- 13) Mousavinasab M, Namazikhah MS, Sarabi N, Jajarm HH, Bidar M, Ghavamnasiri M. Histopathology study on pulp response to glass ionomers in human teeth- J Calif Dent Assoc- 2008 Jan; 36(1):51-5.
- 14) Bidar M, Mina Zarei, Safa Manafi and Salma Bidad - An in Vitro Evaluation of Apical Leakage in Resected Roots Filled with White MTA Versus Portland Cement- International Journal of Clinical Dentistry, 2008; 2(2):105-112
- 15) Moradi S, Bidar M, Zarrabi MH, Talati A. Dental pulp reaction to expore at different time intervals in open apex

- canine teeth of cats. Iranian Endodontic journal - spring 2009;4(2)
- 16) Bidar M, Disfani R; Garagozloo S, Rouhani A. Medication with calcium hydroxide improved marginal adaptation of mineral trioxide aggregate apical barrier- Journal Of Endodontics -2010
 - 17) Maryam Bidar, Reza Disfani, Salman Gharagozloo, Armita Rouhani, Maryam Forghani . Evaluation of Sealing Properties of the New Endodontic Cement Apical Barrier Following Calcium Hydroxide Therapy - European Journal of Dentistry- In press
 - 18) Maryam Bidar, Ghazal Sadeghi, Maryam Ghareghahi, Mohamad Mortazavi, Maryam Forghani -In vitro comparison of apical leakage in root canals obturated with .04 and .02 tapered gutta-percha- Iranian Endodontic journal - summer 2010
 - 19) Maryam bidar, Saeed Moradi, maryam forghani, Salma Bidad, mahtab Azghadi, Shahrzad Rezvani, Shirin Khoyneshad - Microscopic evaluation of cleaning efficiency of three different rotary nickel-titanium instruments - Iranian Endodontic journal- fall 2010
 - 20) Maryam Bidar, Reza Disfani, Salman Gharagozloo, Majid Akbari, Armita Rouhani .The effect of calcium hydroxide on the short and long term sealing properties of MTA apical barrier – Iranian Endodontic journal – Winter 2011

Research interests and Activities.

Providing supervision for 40 Theses in dentistry

Conference Presentations:

- Comparative study of pain in one and two visit Endodontics.

Proceedings of the Third Endodontic World Congress on IFEA, 28 June-1 July, 1995 Rome

- A comparative study of postoperative periapical inflammation with and without astemizole premedication in cats

Proceedings of the 57th Annual Session American Association of Endodontists, March 31-April 1, 2000 Hawaii

- Pain and Emergency in Endodontics

Proceedings of the Second International Congress of Iranian Association of Endodontists, Dec 1998 Mashhad

- An invitro comparative study of apically extruded debris in conventional and profile rotary instrumentation techniques

Proceedings of the Third International Congress of Iranian Association of Endodontists, Aug, 1999 Shiraz.

- comparison of the smear layer remained on root canal walls in two methods of instrumentations, manual and rotary with various speeds

Proceedings of the fourth international Congress of Iranian Association of Endodontists, July 2000, Esfahan.

- Comparative study of apical leakage at three root canal sealers

Proceedings of the Third International Congress of Iranian Dental Association (I.D.A), 1996.

- Acuponcher in endodontics

Proceedings of the Fourth International Congress of I.D.A, 1997.

- Histologic evaluation of tissue responses following using Asetmizol in root canal treatment of cat's teeth

Proceedings of the Fifth International Congress of I.D.A, 1998.

- Infection control in dentistry

Proceedings of the Sixth International Congress of I.D.A, 1999

- An invitro comparative study of apically extruded debris in conventional and profile rotary instrumentation techniques

Fifth Endodontic World Congress of IFEA, June 2001, Madrid, Spain.

- Comparison of the smear layer remained on root canal walls in two methods of instrumentations, manual and rotary with various speeds

Fifth International Congress of Iranian Association of Endodontists (IAE). August 2001, Tehran, Iran.

Comparison of maximum rate of cate inflammation in periapical lesion of cats preinfected teeth, following instrumentation of root canal with different preparation techniques

Eighth International Congress of Iranian Association of Endodontists (IAE) February 2004, Mashad, Iran.

- Histologic evaluation of pulpal response to crown preparation in cat's tooth. September 2004

Australia

Sixth Endodontic World Congress of IFEA September 2004, Brisbane, Australia.

- An invitro evaluatrion of calcium hydroxide effect as an intracanal medication on apical leakage

Sixth Endodontic World Congress of IFEA September 2004, Brisbane, Australia.

- Emergencies in endodontics

Sixth International Congress of Iranian Association of Endodontists (IAE).August 2002,Tehran,Iran.

- A Comparative study of Lidocaine and Lidocaine-Mannitol in Anesthetizing Human Teeth with Inflamed Pulp

Aeede 2004 FDI Dubai

- An invitro evaluation of apical leakage in resected roots filled by white MTA and Portland cement.

APDC Conference 2005 Kuwait.

-Evaluation of adhesion and morphology of human osteoblasts in present of white MTA/dank MTA and IRM as root end filling materials by scanning electron microscopy.

Egith International Congress of Iranian Association of Endodontists (IAE) February 2005, Shiraz, Iran.

- Histopathology comparison of periapical inflammation between conventional and profile rotary instrumentation in cat.

The 27th Asia Pacific Dental Congress, Kuala Lumpur, May 2005

- Dhymn 13th International Congress on Lasers in Dentistry - April 2012 - Italy - Poster presentation
- Congress - Greece - Poster presentation – 2010
- Congress of the IADR - Poster presentation - USA 2008
- Seventh Congress of Endodontics - 7 Endodontic World Congress ancouver, Canada - Vancouver -2007 Poster
- The sixth congress of Iranian Association of Endodontists - speakers and participants Tehran 1381
- Seventh Conference of the Association of Endodontists - presented two posters and a 1382 article Mashhad
- Eighth Conference of the Association of Endodontists - Poster presentation Shiraz 1383
- Association of Endodontists Annual Conference - Speaker of 1385
- Tenth International Congress of Iranian Association of Endodontics - Speaker Tehran 1386
 - Eleventh International Congress of Iranian Association of Endodontics - Tehran Poster presentation 1387
 - Twelfth International Congress of Iranian Association of Endodontics - Poster presentation - Tehran 1388
 - Thirteenth International Congress of Iranian Association of Endodontics - Vpvstr presentation Mashhad - 1389
- fourteenth Conference of the International Association of Endodontics Vshanzdhymn leak Confederation of Asia - Pacific - presentation Vpvstr - Shiraz 1390
- Review Conference flavors and new technologies and methods of maintaining dental equipment, dental (20 and 21 January, 1390 in Mashhad)
 - of the sixteenth meeting of the Asia Pacific Confederation of Endodontists - Chhardhymn Annual Congress Andvntysthay Iran - Shiraz 90/01/31-90/2/2- - presentation
 - National Congress - a review of new materials and technologies in dentistry and dental equipment maintenance procedures - Poster presentation - Persian date Bahman 90
 - Fifteenth Annual Congress of the International Association of Endodontics - Poster presentation - Persian date Khordad 91
 - Fifteenth Annual Congress of the International Association of Endodontics - presentation - Persian date Khordad 91
- The first international congress of clinical and related Ypvnvtyzm - allege Poster - 1391