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PERSONAL INFORMATION

Date of Birth: 7th July 1977

Place of Birth: Mashhad, Iran

EDUCATION

Master of Science (**MSc**) (in Endodontics), Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (2002-2005)

Thesis Title: *In vitro* comparative study of apically extruded debris resulting from conventional and three rotary (ProFile, RaCe, and FlexMaster) instrumentation techniques (2005)

► **Supervisors:** Dr. Mohammad Hasan Zarrabi and Dr. Maryam Bidar

Doctor of Dental Science (**DDS**), Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (1995-2001)

Thesis Title: Etiology and endodontic management of perforations (2001)

► **Supervisor:** Dr. Mohammad Hasan Zarrabi

PROFESSIONAL EXPERIENCE

Scientific Director, The 1st International Congress of Dental Traumatic Injuries & The 2nd Symposium of the Iranian Association of Endodontists, Mashhad, Iran (2015)

Head of Secretariat, The 1st International Congress of Dental Traumatic Injuries & The 2nd Symposium of the Iranian Association of Endodontists, Mashhad, Iran (2015)

Scientific Director, Hands-on Workshop (Application of Rotary Systems in Endodontics), Mashhad, Iran (2014)

Member of Referee's Committee, 13th Dental Annual Symposium (In the Memory of Martyr Ahmad Hedayat), Iran (2014)

Member of the Board of Directors, ACECR Special Clinic, Mashhad, Iran (August 2013)

Scientific Director, Continuous Education of Endodontics, Mashhad, Iran (May 2013)

Member of Referee's Committee, 12th Dental Annual Symposium (In the Memory of Martyr Ahmad Hedayat), Iran (2013)

Member of the Board of Directors, Khorasan Branch of Iranian Association of Endodontists, Khorasan, Iran (November 2012-Present)

Member of the Supreme Council of Dental Research Center, Mashhad University of Medical Sciences, Mashhad, Iran (November 2012-Present)

Member of Internal Evaluation Committee, Department of Endodontics, Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (November 2012-Present)

Member of Scientific Committee, The 15th Annual Session of Iranian Association of Endodontists, Hamedan, Iran (June 2012)

Associate Professor, Department of Endodontics, Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (March 2012-Present)

Member of Referee's Committee, 11th Dental Annual Symposium (In the Memory of Martyr Ahmad Hedayat), Iran (2012)

Member of Supreme Council of Mashhad Dental Research Center, Mashhad University of Medical Sciences, Mashhad, Iran (2012)

Consultant Professor, Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (2011-Present)

Head, Division of Endodontics, Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (2011-Present)

Section Editor, Section of Endodontics, Journal of Contemporary Dental Practice, Washington, USA (2011-Present)

Scientific Director, Continuous Education of Endodontics, Mashhad, Iran (May 2011)

Executive Director, Journal of Dental Material and Techniques, Mashhad, Iran (2011-Present)

Scientific Director, Continuous Education of Endodontics, Mashhad, Iran (March 2011)

Editorial Consultant, Annals of Medical and Health Sciences Research, Enugu Campus, Nigeria (2010-Present)

Member of Referee's Committee, Poster Session, The 13th Annual Session of the Iranian Association of Endodontists, Mashhad, Iran (July 2010)

Head, Audiovisual Committee, The 13th Annual Session of the Iranian Association of Endodontists, Mashhad, Iran (July 2010)

Head, Website Committee, The 13th Annual Session of the Iranian Association of Endodontists, Mashhad, Iran (July 2010)

Scientific Director, Hands-on Workshop (Application of Rotary Systems in Endodontics), Mashhad, Iran (2010)

Guest Editor, Indian Journal of Dental Education, Delhi, India (First Issue of 2010)

Member of Expertise Committee of Clinical Sciences, Vice Chancellor for Research, Mashhad University of Medical Sciences, Mashhad, Iran (2009-Present)

Scientific Director, Continuous Education of Endodontics, Sabzevar, Iran (2009)

Executive Editor, Indian Journal of Forensic Odontology, Delhi, India (First Issue of 2010)

Scientific Director, Trauma Center, Iranian Academic Center for Education, Culture, and Research (IACECR), Mashhad, Iran (2009-Present)

Head, The Division of Research in Education Committee, Education Development Office (EDO), Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (2009-2011)

Honorary Associate Professor, Department of Clinical Cariology and Endodontology, School of Dentistry, Showa University, Tokyo, Japan (2009)

Official Lecturer, Department of Clinical Cariology and Endodontology, School of Dentistry, Showa University, Tokyo, Japan (2009)

Scientific Director, Hands-on Workshop (Application of Rotary Systems in Endodontics), Mashhad, Iran (2009)

Member of Advisory Board, <http://www.euromdnet.org>, Brussels, Belgium (2009-Present)

Member of the National Elite Foundation, Iran (2008-Present)

Journal Club Moderator, Department of Endodontics, Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (2008-Present)

Member of Education Development Office (EDO), Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (2008-Present)

Member of Dental Research Center, Mashhad University of Medical Sciences, Mashhad, Iran (2008-Present)

Member of Research Council, Student Research Assembly (SRA), Mashhad University of Medical Sciences, Mashhad, Iran (2008-2010)

Member of Internal Evaluation Committee, Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (2007-2009)

Full-Time Assistant Professor, Department of Endodontics, Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (2007- March 2012)

Member of Webmaster Team of the First Professional Website of Endodontics in Iran, <http://endodontics.ir> (2006-Present) (*This website has more than 4300 international members*)

Member of the Executive Committee, The 7th Annual Session of Iranian Association of Endodontists (August 2003)

MEMBERSHIP IN EDITORIAL BOARD

Journal of International Oral Health, Gujarat, India (2013-Present)

International Journal of Experimental Dental Science, Maharashtra, India (2012-Present)

Dental Poster Journal, Bangalore, India (2012-Present)

Dentition, Delhi, India (2012-Present)

Journal of Dental Medicine, Tehran, Iran (2011-Present)

Journal of Contemporary Dental Practice, Washington, USA (2011-Present)

Cumhuriyet Dental Journal, Sivas, Turkey (2011-Present)

Journal of Oral Science, Tokyo, Japan (2010-Present)

Journal of Clinical Immunology and Immunopathology Research, Victoria Island, Nigeria (2010-Present)

Journal of Medical Genetics and Genomics, Delhi, India (2010-Present)

Journal of Computational Biology and Bioinformatics Research, Buenos Aires, Argentina (2010-Present)

Journal of Cancer Research and Experimental Oncology, Bucharest, Romania (2010-Present)

Medical Case Studies, Lagos, Nigeria (2009-Present)

Indian Journal of Dental Education, Delhi, India (2009-Present)

Journal of Clinical Pathology and Forensic Medicine, Nairobi, Kenya (2009-Present)

Indian Journal of Forensic Odontology, Delhi, India (2009-Present)

Journal of Aeronautic Dentistry, Delhi, India (2009-Present)

Clinical, Cosmetic and Investigational Dentistry, Auckland, New Zealand (2008-Present)

MEMBERSHIP IN PEER-REVIEW TEAMS

Journal of Istanbul University Faculty of Dentistry, Istanbul, Turkey (2013-Present)

Restorative Dentistry & Endodontics, Seoul, South Korea (2013-Present)

Acta Odontologica Scandinavica, Reykjavik, Iceland (2012-Present)

Oral Disease, Florida, USA (2011-Present)

Nigerian Dental Journal, Lagos, Nigeria (2011-Present)

International Journal of Paediatric Dentistry, Sheffield, United Kingdom (2011-Present)

Annals of Medical and Health Sciences Research, Enugu Campus, Nigeria (2010-Present)

Indian Journal of Stomatology, Delhi, India (2010-Present)

International Journal of Oral Science, Beijing, China (2010-Present)

Journal of Dental Medicine, Tehran, Iran (2010-Present)

Journal of Mashhad Dental School, Mashhad, Iran (2010-Present)

Journal of Oral Rehabilitation, Copenhagen, Denmark (2010-Present)

Iranian Endodontic Journal, Tehran, Iran (2010-Present)

Medical Case Studies, Lagos, Nigeria (2009-Present)

Journal of Clinical Immunology and Immunopathology Research, Victoria Island, Nigeria
(2009-Present)

Journal of Medical Genetics and Genomics, Nairobi, Kenya (2009-Present)

Journal of Computational Biology and Bioinformatics Research, Lagos, Nigeria (2009-Present)

BMC Oral Health, London, United Kingdom (2009-Present)

Dental Traumatology, Kuwait, Kuwait (2009-Present)

International Journal of Dentistry, Cairo, Egypt (2009-Present)

Isfahan Dental Journal, Isfahan, Iran (2009-Present)

Cases Journal, London, United Kingdom (2009-Present)

Journal of Oral and Maxillofacial Pathology, Tamilnadu, India (2009-Present)

Australian Endodontic Journal, Melbourne, Australia (2008-Present)

Clinical, Cosmetic and Investigational Dentistry, Auckland, New Zealand (2008-Present)

European Journal of Dentistry, Isparta, Turkey (2008-Present)

Journal of Oral Science, Tokyo, Japan (2008-Present)

Indian Journal of Dental Research, Mumbai, India (2008-Present)

Clinical Medicine: Trauma and Intensive Medicine, North Harbour, New Zealand (2008-Present)

Tanzania Dental Journal, Dar Es Salaam, Tanzania (2008-Present)

International Medical Case Reports Journal, Auckland, New Zealand (2008-Present)

Journal of Applied Oral Science (Revista Da Faculdade De Odontologia De Bauru), Sao Paulo, Brazil (2008-Present)

Clinical Medicine: Ear, Nose and Throat, Florida, USA (2008-Present)

Saudi Medical Journal, Riyadh, Kingdom of Saudi Arabia (2008-Present)

International Journal of General Medicine, Auckland, New Zealand (2008-Present)

African Journal of Biochemistry Research, Durban, Republic of South Africa (2008-Present)

Journal of Contemporary Dental Practice, Washington, USA (2006-Present)

HONORS AND AWARDS

The Best Researcher of the Year, Department of Endodontics, Mashhad University of Medical Sciences, Mashhad, Iran (2014)

The Best Researcher of the Year (Second Rank), Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (2013)

The Exemplary Dentist of the Year, Mashhad, Iran (August 2013)

The Exemplary Scientific Member, Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (May 2013)

First Rank in Publishing Scientific Articles in the Field of Endodontics, 12th Dental Annual Symposium (In the Memory of Martyr Ahmad Hedayat), Iran (2013)

Second Rank in Editing Dental Textbooks, 11th Dental Annual Symposium (In the Memory of Martyr Ahmad Hedayat), Iran (2012)

The Best Researcher of the Year (Second Rank), Khorasan Razavi County, Iran (2011)

The Best Researcher of the Year, Dental Research Center, Mashhad University of Medical Sciences, Mashhad, Iran (2010)

The Exemplary Scientific Member, Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (April 2009)

Level 2 Award of the Elites National Foundation, Iran (2008)

The Best Young Researcher, Ministry Of Health and Medical Education, Iran (2008)

Third National Rank, The 14th Razi Research Festival on Medical Sciences, Iran (2008) (This festival is one of two most prestigious research festivals in Iran)

The Best Researcher of the Year, Mashhad University of Medical Sciences, Mashhad, Iran (2007)

Second National Rank, National Board of Endodontics, Iran (2005)

Fortieth National Rank (between more than 300,000 participants), Konkoor National Ranking Examination for Entrance to the Universities, Iran (1995)

H-INDEX (Author ID by Scopus: 18836067200)

13 (Accessible at August 26, 2015)

PUBLICATIONS

MEDLINE-Indexed Articles

1. Mohammadi Z, Jafarzadeh H, Shalavi S, Bandi S, Patil S. Root and root canal morphology of human third molar teeth. *Journal of Contemporary Dental Practice* 2015;16(4):310-3. PMID:26067735
2. Sahebalam R, Sarraf A, Abdollahi M, Jafarzadeh H, Rajati H, Patil S. Evaluation of the effect of using electrocautery in pulpectomy of deciduous teeth on succedaneous teeth: an animal study. *Journal of Contemporary Dental Practice* 2015;16(3):183-6. PMID:26057915
3. Mohammadi Z, Mashouf RY, Jafarzadeh H, Heydari A, Shalavi S. Effect of apically-separated rotary instruments on bacterial leakage of obturated root canals using Resilon. *The New York State Dental Journal* 2015;81(2):42-6. PMID:25928974
4. Udoye CI, Sede MA, Jafarzadeh H. The pattern of fracture of endodontically treated teeth. *Trauma Monthly* 2014;19(4):e17054. PMID:25717445
5. Moradi S, Disfani R, Baziar H, Daneshvar, F, Jafarzadeh H. Master file size and apical transportation in severely curved root canals. *The New Zealand Dental Journal* 2014;110(4):126-9. PMID:25597191

6. Forghani M, Mashhoor H, Rouhani A, Jafarzadeh H. Comparison of pH Changes Induced by Calcium Enriched Mixture and those of Calcium Hydroxide in Simulated Root Resorption Defects. *Journal of Endodontics* 2014;40(12):2070-3. PMID:25442726
7. Oskui IZ, Ashtiani MN, Hashemi A, Jafarzadeh H. Effect of thermal stresses on the mechanism of tooth pain. *Journal of Endodontics* 2014;40(11):1835-9. PMID:25172227
8. Bakhtiar H, Vatanpour M, Rayani A, Navi F, Asna-Ashari E, Ahmadi A, Jafarzadeh H. The plasma-rich in growth factor as a suitable matrix in regenerative endodontics: a case series. *The New York State Dental Journal* 2014;80(4):49-53. PMID:25219066
9. Jafarzadeh H. Endodontic management of a young patient with avulsion and root fracture: A case report with 4 years follow-up. *Oral Health and Dental Management* 2014;13(3):731-4. PMID:25284548
10. Mohammadi Z, Jafarzadeh H, Shalavi S. Antimicrobial efficacy of chlorhexidine as a root canal irrigant: a literature review. *Journal of Oral Science* 2014;56(2):99-103. PMID:24930745
11. Kinoshita J, Jafarzadeh H, Manabe A, Nozawa M, Uchida T, Abbott PV. Effects of KTP Laser Bleaching on Traumatized Tooth Enamel. *Trauma Monthly* 2014;19(2):e18168. PMID:25032154
12. Baziar H, Daneshvar F, Mohammadi A, Jafarzadeh H. Endodontic management of a mandibular first molar with four canals in a distal root by using cone-beam computed tomography: a case report. *Journal of Oral and Maxillofacial Research* 2014;5(1):e5. PMID:24817995
13. Mohammadi Z, Shalavi S, Jafarzadeh H. Ethylenediaminetetraacetic acid in endodontics. *European Journal of Dentistry* 2013;7(Supplement 1):135-42. PMID:24966721

14. Mohammadi Z, Shalavi S, Jafarzadeh H. Extra roots and root canals in premolar and molar teeth: review of an endodontic challenge. *Journal of Contemporary Dental Practice* 2013;14(5):980-6. PMID:24685809
15. Moradi S, Disfani R, Baziar H, Daneshvar F, Jafarzadeh H. Use of fluid filtration method to evaluate the effect of master cone size on the apical seal of severely curved root canals. *Journal of Oral Science* 2013;55(2):93-8. PMID: 23748447
16. Maghsoudlou A, Jafarzadeh H, Forghani M. Endodontic treatment of a maxillary central incisor with two roots. *Journal of Contemporary Dental Practice* 2013;14(2):345-7. PMID:23811671
17. Udoye CI, Sede MA, Jafarzadeh H, Abbott PV. A survey of endodontic practices among dentists in Nigeria. *Journal of Contemporary Dental Practice* 2013;14(2):293-8. PMID:23811662
18. Khajehahmadi S, Rahpeyma A, Bidar M, Jafarzadeh H. Vitality of intact teeth anterior to the mental foramen after inferior alveolar nerve repositioning: nerve transpositioning versus nerve lateralization. *International Journal of Oral and Maxillofacial Surgery* 2013;42(9):1073-8. PMID: 23706291
19. Oskui IZ, Ashtiani MN, Hashemi A, Jafarzadeh H. Thermal analysis of the intact mandibular premolar: a finite element analysis. *International Endodontic Journal* 2013;46(9):841-6. PMID: 23480124
20. Nakhaei M, Ghanbarzadeh J, Keyvanloo S, Alavi S, Jafarzadeh H. Shade matching performance of dental students with three various lighting conditions. *Journal of Contemporary Dental Practice* 2013;14(1):100-3. PMID: 23579903

21. Udoye CI, Jafarzadeh H, Abbott PV. Transport media for avulsed teeth: A review. *Australian Endodontic Journal* 2012;38(3):129-36. PMID: 23211073
22. Bidar M, Hooshiar S, Naderinasab M, Moazzami M, Orafaee H, Naghavi N, Jafarzadeh H. Comparative study of the antimicrobial effect of three irrigant solutions (chlorhexidine, sodium hypochlorite and chlorhexidinated MUMS). *Journal of Contemporary Dental Practice* 2012;13(4):436-9. PMID: 23151688
23. Dastmalchi N, Jafarzadeh H, Moradi S. Comparison of the Efficacy of a Custom-made Pulse Oximeter Probe with Digital Electric Pulp Tester, Cold Spray, and Rubber Cup for Assessing Pulp Vitality. *Journal of Endodontics* 2012;38(9):1182-6. PMID: 22892732
24. Bakhtiar H, Heidari N, Mehrvarzfar P, Ghazvini K, Habibi M, Jafarzadeh H, Dastmalchi N. *In vitro* Comparative Study of the Microbial Leakage of One-step, Thermafil and Lateral Condensation Techniques. *Journal of Contemporary Dental Practice* 2012;13(1):27-30. PMID: 22430690
25. Rouhani A, Javidi B, Habibi M, Jafarzadeh H. Intentional replantation: a procedure as a last resort. *Journal of Contemporary Dental Practice* 2011;12(6):486-92. PMID: 22269241
26. Udoye CI, Jafarzadeh H. Pain during root canal treatment: an investigation of patient modifying factors. *Journal of Contemporary Dental Practice* 2011;12(4):301-4. PMID: 22186866
27. Akbari M, Rouhani A, Samiee S, Jafarzadeh H. Effect of dentin bonding agent on the prevention of tooth discoloration produced by mineral trioxide aggregate. *International Journal of Dentistry* 2012;2012:563203. PMID: 22114601

28. Habibi A, Saghravanian N, Salehinejad J, Jafarzadeh H. Thirty Years Clinicopathological Study of 60 Calcifying Cystic Odontogenic Tumors in Iranian Population. *Journal of Contemporary Dental Practice* 2011;12(3):171-3. PMID: 22186811
29. Udoye CI, Jafarzadeh H, Aguwa EN, Habibi M. Flare-up incidence and related factors in Nigerian adults. *Journal of Contemporary Dental Practice* 2011;12(2):120-3. PMID: 22186755
30. Dastmalchi N, Kazemi Z, Hashemi S, Peters OA, Jafarzadeh H. Definition and endodontic treatment of dilacerated canals: a survey of Diplomates of the American Board of Endodontics. *Journal of Contemporary Dental Practice* 2011;12(1):8-13. PMID: 22186683
31. Saghravanian N, Jafarzadeh H, Bashardoost N, Pahlavan N, Shirinbak I. Odontogenic tumors in an Iranian population: a 30-year evaluation. *Journal of Oral Science* 2010;52(3):391-6. PMID: 20881331
32. Jafarzadeh H, Abbott PV. Review of pulp sensibility tests. Part II: electric pulp tests and test cavities. *International Endodontic Journal* 2010;43:945-58. PMID: 20726917 (*This article has received an award of £500 from the IEEJ*)
33. Jafarzadeh H, Abbott PV. Review of pulp sensibility tests. Part I: general information and thermal tests. *International Endodontic Journal* 2010;43(9):738-62. PMID: 20609022 (*This article has received an award of £500 from the IEEJ*)
34. Rai B, Kaur J, Jafarzadeh H. Dental age estimation from the developmental stage of the third molars in Iranian population. *Journal of Forensic and Legal Medicine* 2010;17(6):309-11. PMID: 20650418

35. Udoeye CI, Jafarzadeh H, Okechi UC, Aguwa EN. Appropriate electrode placement site for electric pulp testing of anterior teeth in Nigerian adults: a clinical study. *Journal of Oral Science* 2010;52(2):287-92. PMID: 20587955
36. Udoeye CI, Jafarzadeh H. Rubber dam use among a subpopulation of Nigerian dentists. *Journal of Oral Science* 2010;52(2):245-9. PMID: 20587948
37. Habibi A, Jafarzadeh H. Nevroid basal cell carcinoma syndrome: a 17-year study of 19 cases in Iranian population (1991-2008). *Journal of Oral Pathology and Medicine* 2010;39(9):677-80. PMID: 20456618
38. Habibi A, Jafarzadeh H. Squamous cell carcinoma of the maxillary sinus associated with nevoid basal cell carcinoma syndrome: report of a case with 21-year evaluation. *Journal of Oral and Maxillofacial Surgery* 2010;68(8):1982-6. PMID: 20452113
39. Udoeye CI, Jafarzadeh H. Xeroradiography: stagnated after a promising beginning? A historical review. *European Journal of Dentistry* 2010;4(1):95-9. PMID: 20046488
40. Saghravarian N, Mohtasham N, Jafarzadeh H. Comparison of immunohistochemical markers between adenoid cystic carcinoma and polymorphous low-grade adenocarcinoma. *Journal of Oral Science* 2009;51(4):509-14. PMID: 20032601
41. Habibi A, Saghravarian N, Zare R, Jafarzadeh H. Clear cell variant of extraosseous calcifying epithelial odontogenic tumor: a case report. *Journal of Oral Science* 2009;51(3):485-8. PMID: 19776521
42. Gharagozloo S, Faraghat S, Jafarzadeh H. Endodontic treatment of a mesotaurodont maxillary first molar: a case report. *New Zealand Dental Journal* 2009;105(3):87-9. PMID: 19772109

43. Kinoshita J, Jafarzadeh H, Forghani M. Vital bleaching of tetracycline-stained teeth by using KTP laser: a case report. *European Journal of Dentistry* 2009;3(3):229-32. PMID: 19756199
44. Udoye CI, Jafarzadeh H. Dilaceration among Nigerians: prevalence, distribution, and its relationship with trauma. *Dental Traumatology* 2009;25(4):439-41. PMID: 19614739
45. Jafarzadeh H. Laser Doppler flowmetry in endodontics: a review. *International Endodontic Journal* 2009;42(6):476-90. PMID: 19459999 (*This article has received an award of £500 from the IETJ*)
46. Udoye CI, Jafarzadeh H. Cracked tooth syndrome: characteristics and distribution among adults in a Nigerian teaching hospital. *Journal of Endodontics* 2009;35(3):334-6. PMID: 19249590
47. Jafarzadeh H, Rosenberg PA. Pulse oximetry: review of a potential aid in endodontic diagnosis. *Journal of Endodontics* 2009;35(3):329-33. PMID: 19249589
48. Jafarzadeh H, Udoye CI, Kinoshita JI. The application of tooth temperature measurement in endodontic diagnosis: A review. *Journal of Endodontics* 2008;34(12):1435-40. PMID: 19026869
49. Mohtasham N, Kharrazi AA, Jamshidi S, Jafarzadeh H. Epithelioid hemangioendothelioma of the oral cavity: a case report. *Journal of Oral Science* 2008;50(2):219-23. PMID: 18587215
50. Mohtasham N, Babazadeh F, Jafarzadeh H. Intraosseous verrucous carcinoma originating from an odontogenic cyst: a case report. *Journal of Oral Science* 2008;50(1):91-4. PMID: 18403890

51. Jafarzadeh H, Azarpazhooh A, Mayhall JT. Taurodontism; a review of the condition and endodontic treatment challenges. *International Endodontic Journal* 2008;41(5):375-88. PMID: 18363703 (*This article has received an award of £500 from the IEF*)
52. Mohtasham N, Habibi A, Jafarzadeh H, Amirchaghmaghi M. Extension of Pindborg tumor to the maxillary sinus: a case report. *Journal of Oral Pathology and Medicine* 2008;37(1):59-61. PMID: 18154580
53. Jafarzadeh H, Abbott PV. Ledge formation: review of a great challenge in endodontics. *Journal of Endodontics* 2007;33(10):1155-62. PMID: 17889681
54. Jafarzadeh H, Abbott PV. Dilaceration: review of an endodontic challenge. *Journal of Endodontics* 2007;33(9):1025-30. PMID: 17931926
55. Jafarzadeh H. Endodontic treatment of bilaterally occurring three-rooted maxillary premolars: A case report. *New Zealand Dental Journal* 2007;103(2):37-8. PMID: 17596025
56. Jafarzadeh H, Sanatkhani M. Regression of a lesion resembling pyogenic granuloma after endodontic treatment. *Australian Endodontic Journal* 2007;33(1):32-5. PMID: 17461839
57. Bidar M, Moradi S, Jafarzadeh H, Bidad S. Comparative SEM study of the marginal adaptation of white and grey MTA and Portland cement. *Australian Endodontic Journal* 2007;33(1):2-6. PMID: 17461833
58. Jafarzadeh H, Wu YN. The C-shaped root canal configuration: a review. *Journal of Endodontics* 2007;33(5):517-23. PMID: 17437864

59. Jafarzadeh H, Talati A, Basafa M, Noorollahian S. Forced eruption of adjoining maxillary premolars using a removable orthodontic appliance: a case report. *Journal of Oral Science* 2007;49(1):75-8. PMID: 17429186
60. Jafarzadeh H, Sanatkhani M, Mohtasham N. Oral pyogenic granuloma: a review. *Journal of Oral Science* 2006;48(4):167-75. PMID: 17220613
61. Jafarzadeh H, Javidi M, Zarei M. Endodontic retreatment of a maxillary second molar with three separate buccal roots. *Australian Endodontic Journal* 2006;32(3):129-32. PMID: 17201756
62. Zarrabi MH, Bidar M, Jafarzadeh H. An *in vitro* comparative study of apically extruded debris resulting from conventional and three rotary (Profile, RaCe, FlexMaster) instrumentation techniques. *Journal of Oral Science* 2006;48(2):85-8. PMID: 16858137
63. Ghoddusi J, Zarei M, Jafarzadeh H. Endodontic treatment of a supernumerary tooth fused to a mandibular second molar: a case report. *Journal of Oral Science* 2006;48(1):39-41. PMID: 16617200
64. Mohammadi Z, Shalavi S, Jafarzadeh H. Apical canal confluency: clinical and practical considerations. (Accepted to be published in the future issues of *The New York State Dental Journal*)
65. Mohammadi Z, Jafarzadeh H. Lasers to manage tooth hypersensitivity: an update review. (Accepted to be published in the future issues of *The New York State Dental Journal*)
66. Mohammadi Z, Shalavi S, Jafarzadeh H. The Oval Shaped Root Canals: A Clinical Review. (Accepted to be published in the future issues of the *South African Dental Journal*)

67. Jafarzadeh H, Sarraf Shirazi A, Andersson L. The most-cited articles in dental, oral, and maxillofacial traumatology during 64 years. (Accepted to be published in the future issues of the *Dental Traumatology*)
68. Mohammadi Z, Shalavi S, Jafarzadeh H, Patil S. Genotoxicity of endodontic materials: a critical review. (Accepted to be published in the future issues the *Journal of Contemporary Dental Practice*)
69. Daneshvar F, Baziar H, Karkehabadi H, Jafarzadeh H, Patil S. Mandibular First Premolars with one Root and Three Canals: A Case Series. (Accepted to be published in the future issues the *Journal of Contemporary Dental Practice*)

Manuscripts under Review/In Preparation

1. Shokripour M, Shirinzad M, Jafarzadeh H, Rezaei-Soufi L, Seyedzadeh Sabounchi S. Effect of Various Resin Cements as Liner on the Microleakage of Restored Composite Class II restoration Using Closed Sandwich Technique. (In preparation for the *Journal of Contemporary Dental Practice*)
2. Udoye CI, Jafarzadeh H. Prevalence and reasons for extraction of endodontically treated teeth in adult Nigerians. (Under review by the *Saudi Dental Journal*)
3. Bidar M, Nabavi S, Shakeri M, Zamanpour M, Jafarzadeh H. The comparison of apical leakage between two obturation techniques (cold lateral condensation and Obtura II) by using fluid filtration method. (Under review by the *Journal of Contemporary Dental Practice*)

4. Mohammadi Z, Giardino L, Palazzi F, Paragliola R, Grandini S, Jafarzadeh H. Sealing ability of AH-26 sealer combined with different antibiotics. (Under review by the *New York State Dental Journal*)
5. Mohammadi Z, Shalavi S, Jafarzadeh H, Giardino L, Palazzi F, Abbott PV. Comparison between properties of MTA and calcium hydroxide. (Under review by the *International Endodontic Journal*)
6. Mohammadi Z, Jafarzadeh H, Shalavi S. Is Resilon an ideal substitute for gutta-percha? (Under review by the *Journal of Contemporary Dental Practice*)
7. Shirinzad M, Beheshtiroy M, Jafarzadeh H, Rezaei-Soufi L, Sadat Mirtorabi M. The Effect of Accelerated Artificial Aging on Translucency of Methacrylate and Silorane-Based Composite Resins. (Under review by the *Journal of Oral Science*)
8. Ghoddusi J, Maghsudlu A, Jafarzadeh H, Jafarian A, Forghani M. Histological Evaluation of the Effect of Platelet Rich Plasma on Pulp Regeneration in Non-Vital Open Apex Teeth: An Animal Study. (Under review by the *Dental Traumatology*)
9. Mohammadi Z, Shalavi S, Jafarzadeh H. A review over benefits and drawbacks of combining sodium hypochlorite with other endodontic materials. (Under review by the *New York State Dental Journal*)

Other Articles

1. Bagherpour A, Mojtahedi M, Imanimoghaddam M, Jafarzadeh H. *In Vitro* Comparative Study of the Working Length Determination with Radiovisiography and Conventional Radiography in Dilacerated Canals. *Journal of Dental Materials and Techniques* 2015;4(2):65-71.

2. Minamisako MC, Kinoshita J, Grando L, Jafarzadeh H. Apexification of a dens evaginated premolar with open apex. *Cumhuriyet Dental Journal* 2015;18(1):86-91.
3. Karimi-Moonaghi H, Zhianifard A, Jafarzadeh H, Behnam HR, Tavakol-Afshari J. Experiences of Faculty Members in Relation to the Academic Promotion Process. *Strides in Development of Medical Education* 2015;11(4):485-499.
4. Bagherpour A, Jafarzadeh H. Radiographic findings of peripheral hemangioma and facial phleboliths: a case report. *Cumhuriyet Dental Journal* 2013; 16(1): 58-60.
5. Bidar M, Madani AS, Mohtasham N, Vardkar M, Jafarzadeh H. The effect of full crown preparation on normal and inflamed pulp tissue: an animal study. *Journal of Dental Materials and Techniques* 2013;2(1):29-33.
6. Jafarzadeh H, Patil S. Ankylosis and extensive inflammatory root resorption due to double trauma: a case report. *Dentition* 2012;1(2):1-4.
7. Zarei M, Danesh Sani A, Jafarzadeh H. The effect of using different tapered master cones on apical seal of root-filled teeth. *Indian Journal of Dental Education* 2010;3(2):83-7.
8. Shahrami F, Zarei M, Ahmadzadeh S, Ehsani M, Jafarzadeh H. Sealing ability of a new thermoplasticized obturation technique: a fluid filtration evaluation. *Indian Journal of Dental Education* 2010;3(2):99-103.
9. Rai B, Kaur J, Jafarzadeh H. Prevalence of barodontalgia in Indian origin pilots: A survey. *Journal of Aeronautic Dentistry, Medicine and Space Technology* 2010;2(2):43-7.
10. Sharifi E, Abbaszadeh H, Jafarzadeh H, Mortazavi M. Endodontic treatment of radicular maxillary premolars: two case reports. *Indian Journal of Dental Education* 2009;2(2):6-12.

11. Catalina M, Kaur J, Jain RK, Jafarzadeh H, Rai B. Anti-oxidation action of Curcumin in two forms of bed rest: Oxidative stress Serum and salivary markers. *Journal of Aeronautic Dentistry* 2009; 1(2):51-6.
12. Rai B, Kaur J, Jafarzadeh H, Jain RK. Age estimation from coronal displacement of cementum in impacted teeth: a napalase formula. *Indian Journal of Forensic Odontology* 2009;2(2):51-3.
13. Zarrabi MH, Bidar M, Jafarzadeh H, Talati A. The influence of frequency of instrument application on apically extruded debris in three instrumentation techniques. *Dental Research Journal* 2006;3(2):62-7.

Books

1. Jafarzadeh H, Abbot PV, Rosenberg PA, Kinoshita JI, Udoye CI, Dastmalchi N. Pulp Vitality Tests: Beneficial Aids in Endodontic Diagnosis. Mashhad: Ferdowsi University Press; 2011.
2. Bidar M, Noee AA, Jafarzadeh H, Hoseinpoor Jajarm H. Infection Control in Dentistry. Mashhad: Ferdowsi University Press; 2007.

ADVISING PROFESSOR/UNDERGRADUATE THESIS

- ▶ Thesis No: **2698** → The comparison of clinical and radiographic success in primary teeth pulpectomy by conventional method with electrosurgery (By: Samaneh Seyed-Mousavi) (December 2014)
- ▶ Thesis No: **2695** → Clinical assessment of the sensitivity and specificity of the consolidated pulp test system in determining the pulp vitality (By: Aidin Farughi) (October 2014)

- ▶ Thesis No: **2654** → Evaluation of the remaining amount of triple antibiotic paste, propolis, and calcium hydroxide on root canal walls in natural open apex teeth (By: Mahbubeh Erfanzadeh) (October 2014)
- ▶ Thesis No: **2668** → The efficacy of five different techniques in identification of C-shaped canals in mandibular molars (By: Atefeh Baghbani Torghabeh) (September 2014)
- ▶ Thesis No: **2690** → Comparison of PH changes induced by Calcium Enriched Mixture and Ca(OH)₂ in simulated root resorption defects (By: Hamzeh Mashhoor Roodi) (September 2013)
- ▶ Thesis No: **2520** → The effect of sodium hypochlorite on the shear bond strength of resin cements to dentin (By: Javad Noori) (March 2013)
- ▶ Thesis No: **2264** → *In vitro* comparative study of root canal measurement accuracy with radiovisiography and conventional radiography in severe curved canals (By: Maryam Mojtahedi) (September 2011)
- ▶ Thesis No: **2467** → Evaluation of the efficacy of custom-made pulse oximeter probe in comparison with digital electric pulp tester, rubber cup, and cold spray in testing of premolars (By: Nafiseh Dastmalchi) (July 2011)
- ▶ Thesis No: **2478** → The comparison of apical leakage between two obturation techniques (cold lateral condensation and Obtura) by using fluid filtration method (By: Shima Nabavi) (September 2010)
- ▶ Thesis No: **16057** → *In vitro* comparative study of the effect of three obturation techniques (One step, Thermafil, and lateral condensation) on microbial leakage of the root canal obturation (By: Neda Heidari) (Tehran Azad Faculty of Dentistry) (February 2010)

- ▶ Thesis No: **2235** → Comparative evaluation of antimicrobial activity of three irrigant solutions (Chlorhexidine, Chlorhexidinated MUMS, and NaOCl) (By: Sepeedeh Hooshar Hosseini) (September 2009)

ADVISING PROFESSOR/POSTGRADUATE THESIS

- ▶ Thesis No: **541** → A randomized clinical trial on comparison of the effect of oral premedication with Novafen, Naproxen, and Ibuprofen on the success of inferior alveolar nerve block for teeth with acute irreversible pulpitis (By: Dr. Javad Abuchenari) (July 2014)
- ▶ Thesis No: **A-622** → Survey on experiences of faculty members of Mashhad University of Medical Sciences about the process of promotion and performance of university in this procedure (By: Akram Zhianifard) (For the degree of MSc in Medical Education) (April 2014)
- ▶ Thesis No: **503** → Evaluation of the effect of PRP (Platelet-rich plasma) on proliferation and alkaline phosphatase activity of human dental pulp cells with or without GaAlAs laser in an *Ex vivo* study (By: Dr. Amin Mohammad Bahlakeh) (July 2013)
- ▶ Thesis No: **470** → Histological evaluation of PRP effect on pulp regeneration in non vital dog's teeth with mature or immature apices (By: Dr. Amir Maghsoudloo) (August 2012)
- ▶ Thesis No: **430** → Evaluation of the effect of size of master cone on transportation and sealing ability of dilacerated canals (By: Dr. Hani Baziar) (May 2011)

SCIENTIFIC INTERVIEWS WITH INTERNATIONAL MAGAZINES/RADIOS

1. What should we do for improving oral/dental hygiene? *Overseas Radio of Iran*, 5-7 January 2010 (*These interviews are accessible in <http://www.Dari.irib.ir>*)

2. Exploring taurodontism and its treatment challenges. *DPR Europe Magazine* 2008 (*This interview has been published in August 2008 and is accessible in <http://www.dpreurope.com/dpreurope/form/formDetail.jsp?formId=285301>*)
3. Review shows effectiveness of pulse oximetry in pulp vitality testing. *APEX Magazine* 2009 (*This interview has been published in April 2009 and is accessible in <http://edition.pagesuite-professional.co.uk/Launch.aspx?referral=mypagesuite&refresh=X0f81b7DH0r9&PBID=ee68fd54-934d-4470-839c-09c211b457e2&skip>*)
4. Oral pyogenic granuloma. *SurgyTEC Website* 2009 (*This interview has been published in May 2009 and is accessible in http://www.surgytec.com/statements/show.php?case_id=578*)

PRESENTATIONS

Lectures

1. Case presentation, Continuous Education, Mashhad, Iran (November 2014)
2. Diagnosis and Treatment Plan, Continuous Education, Mashhad, Iran (November 2014)
3. Evaluation of the vitality of the pulp of open apex teeth, The 13th International Congress of Iranian Association of Pediatric Dentistry, Mashhad, Iran (August 2014)
4. Case presentation, Weekly Seminars, Faculty of Dentistry, Mashhad University of Medical Sciences, Mashhad, Iran (January 2014)
5. MTA in Endodontics, Continuous Education, Mashhad, Iran (January 2014)
6. New technology in pulp testing, Continuous Education, Mashhad, Iran (May 2013)
7. Crown–root and root fractures, Continuous Education, Sabzevar, Iran (September 2012)
8. Pulp tests in endodontic diagnosis, Continuous Education, Sabzevar, Iran (September 2012)

9. Vitality tests in endodontics, The 15th Annual Session of Iranian Association of Endodontists, Hamedan, Iran (June 2012)
10. Crown and root fractures, Continuous Education, Mashhad University of Medical Sciences, Mashhad, Iran (February 2012)
11. Pulse oximetry for diagnosis of the status of the pulp, 45th Meeting of CED-IADR, Budapest, Hungary (September 2011)
12. Mtwo rotary system, Continuous Education, Mashhad University of Medical Sciences, Mashhad, Iran (May 2011)
13. The C-shaped root canal configuration: diagnosis and management, 16th Scientific Meeting of APEC & 14th Annual Congress of the IAE, Shiraz, Iran (April 2011)
14. Novel Pulp Tests in Endodontic Diagnosis, Continuous Education, Mashhad, Iran (March 2011)
15. Application of pulse oximetry in assessment of the pulp status in the endodontic practice, 2010 Annual Session of the American Association of Endodontists, San Diego, USA (2010)
16. Thesis: Authority or duress, The 1st National Congress of Dental Research in Iran (past, present, and future), Kerman, Iran (December 2010)
17. What do we know about plagiarism, The 13th Annual Session of Iranian Association of Endodontists, Mashhad, Iran (July 2010)
18. Introduction of two rotary systems (Mtwo and FlexMaster), Continuous Education, Mashhad University of Medical Sciences, Mashhad, Iran (February 2010)
19. The review process of scientific articles in prestigious journals, The 3rd National Congress of Young Elites, Tehran, Iran (October 2009)

20. New concepts about treatment of avulsion, The 2nd IADR African and Middle East Regional Conference, Mombasa, Kenya (September 2009)
21. Root fractures, Continuous Education, Sabzevar, Iran (July 2009)
22. Diagnosis in endodontics, Continuous Education, Sabzevar, Iran (July 2009)
23. Introduction of two rotary systems (Mtwo and FlexMaster), Continuous Education, Mashhad University of Medical Sciences, Mashhad, Iran (January 2009)
24. Conventional techniques for root canal obturation, The 7th Annual Session of Iranian Association of Endodontists, Mashhad, Iran (August 2003)

Posters

1. Forced eruption treatment of two adjoining teeth by using removable appliances, The 9th International Congress of Iranian Association of Orthodontists, Mashhad, Iran (May 2011)
2. Radiographic findings of a peripheral hemangioma of the face: a case report, The 12th European Congress of Dento-Maxillo Facial Radiology, Istanbul, Turkey (Non-Presenter) (June 2010)
3. *In vitro* comparative study of apically extruded debris resulting from conventional and three rotary instrumentation techniques, The 9th Annual Session of Iranian Association of Endodontists, Isfahan, Iran (August 2006)
4. Endodontic treatment of supernumerary tooth fused to mandibular molar, The 8th Annual Session of Iranian Association of Endodontists, Shiraz, Iran (May 2005)

Hands-on Workshops

1. Application of Rotary Systems, Continuous Education, Mashhad University of Medical Sciences, Mashhad, Iran (December 2014)

2. MTA Plug, Continuous Education, Mashhad University of Medical Sciences, Mashhad, Iran (January 2014)
3. Application of Rotary Systems, The 13th Annual Session of the Iranian Association of Endodontists, Mashhad, Iran (July 2010)

NATIONAL/INTERNATIONAL CERTIFICATES

International Computer Driving License (ICDL) (2008):

- Basic Concepts of Information Technology.....86 out of 100
- Using the Computer and Managing Files..... 95 out of 100
- Word Processing..... 100 out of 100
- Spreadsheets (Excel)..... 90 out of 100
- Presentation (PowerPoint)..... 96 out of 100
- Database (Access)..... 90 out of 100
- Internet..... 90 out of 100

National License of the Designing and Repairing the Electronic Circuits (1995)

CREATIVE WORKS

Production of a professional educational film titled “*Obturation in Endodontics*” for undergraduate students (2003)

Collaboration in production of three professional educational films for undergraduate students, titled:

“*The Principles of Endodontics*” (2002)

“*Root Canal Preparation in Endodontics*” (2002)

“*Application of Rotary Systems in Endodontics*” (2003)