

PERSONAL INFORMATION

Ivana Miletic

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 10000 Zagreb, Croatia

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Nationality Croatian

JOB APPLIED FOR
 POSITION
 PREFERRED JOB
 STUDIES APPLIED FOR

WORK EXPERIENCE

2009-up to date	Clinical Hospital Center Rebro, Zagreb
2008-up to date	Full time professor, Department of Endodontics and Restorative Dentistry, School of Dental Medicine, University of Zagreb
2004-2008	Associate professor, Department of Endodontics and Restorative Dentistry, School of Dental Medicine, University of Zagreb
2001-2004	Assistant professor, Department of Endodontics and Restorative Dentistry, School of Dental Medicine, University of Zagreb
1996-2001	Dr. Med. Dent., Assistant
1995-1996	Traineeship at Dental Polyclinic Zagreb

EDUCATION AND TRAINING

2001-2004	Specialisation in Endodontics and Restorative Dentistry, Department of Endodontics and Restorative Dentistry, School of Dental Medicine, University of Zagreb
07.04.2000	PhD in Endodontics
18.05.1998	MsC in Endodontics
1995	Graduation at the School of Dental Medicine, University of Zagreb.School of Dental Medicine, University of Zagreb

Mother tongue(s) Croatian

PERSONAL SKILLS

Other language(s)

Communication skills

- Good communication and teaching skills in present information to small groups and wider science Center for Foreign Language, Vodnikova 12, Zagreb ,St. Giles International., London

Organisational / managerial skills

- Good leadership gained as a country representative at European Endodontic Society, President of CSMID/CMA Prospero, School of Foreign Language, Palmotićeve 64a, Zagreb
- Vice-president of the Croatian Dental Society/CMA and Croatian Society for Endodontics/CMA
- Fast and right decision making gained as a Head of the Endodontics course and Leader of university postgraduate study "Endodontics and Restorative Dental Medicine"

Job-related skills

- Good clinical experience as working in the Endodontics and Restorative Dentistry Department since 1996.
- Good teaching skill with many national and international lectures and workshop performed.

Computer skills

- MS Office
- Adobe Photoshop
- Active internet use

ADDITIONAL INFORMATION

Publications
Presentations
Conferences
Projects

Memberships

- Author more than 100 international and national publications
- Endodontics, Restorative Dentistry
- 8 to 12 national or international conferences or workshops /year
- Leader of five University Grants; Leader of the project of Croatian Science Foundation; Leader of an international clinical study evaluating the performance of glass-hybrid materials
- Chamber of Dental Medicine, Croatian Medical Association, Croatian Society for Endodontics, Croatian Society for Minimum Intervention Dentistry, International Association for Dental Research
- All data available <https://www.bib.irb.hr/pretraga?operators=and%7CMiletić,%20Ivana%20%2824635%29%7Ctext%7Cprofile>
- <https://orcid.org/0000-0002-2864-150X>

PUBLICATION LIST:

1. Mickenautsch S, Rupf S, Miletić I, Yengopal V. The Composite Quality Score (CQS) as an Appraisal Tool for Prospective, Controlled Clinical Therapy Trials: Rationale and Current Evidence. *Rev Recent Clin Trials*. 2023;18(1):28-33. doi: 10.2174/1574887118666230104152245. PMID: 36600618.
2. Brkanović S, Sever EK, Vukelja J, Ivica A, Miletić I, Krmek SJ. Comparison of Different Universal Adhesive Systems on Dentin Bond Strength. *Materials (Basel)*. 2023 Feb 12;16(4):1530. doi: 10.3390/ma16041530. PMID: 36837160; PMCID: PMC9963205.
3. Gurgan S, Koc Vural U, Miletić I. Comparison of mechanical and optical properties of a newly marketed universal composite resin with contemporary universal composite resins: An in vitro study. *Microsc Res Tech*. 2022; 85(3):1171-1179. doi: 10.1002/jemt.23985.
4. Atalay C, Koc Vural U, Miletić I, Gurgan S. Shear bond strengths of two newly marketed self-adhesive resin cements to different substrates: A light and scanning electron microscopy evaluation. *Microsc Res Tech*. 2022; 85(5):1694-1702. doi: 10.1002/jemt.24031.
5. Veček NN, Par M, Sever EK, Miletić I, Krmek SJ. The effect of a green smoothie on microhardness, profile roughness and color change of dental restorative materials. *Polymers (Basel)*. 2022 19; 14(10):2067. doi: 10.3390/polym14102067.
6. Gurgan S, Koc Vural U, Atalay C, Tassery H, Miletić I, Gurginar SS. Antibacterial activity and biofilm inhibition of new-generation hybrid/fluoride-releasing restorative materials. *Appl. Sci*. 2022, 12(5), 2434; <https://doi.org/10.3390/app12052434>
7. Bilić-Prčić M, Šalinović I, Gurgan S, Koc Vural U, Jukić Krmek S, Miletić I. Effects of incorporation of marine derived hydroxyapatite on the microhardness, surface roughness, and fluoride release of two glass-ionomer cements. *Appl. Sci*. 2021; 11(22):11027; <https://doi.org/10.3390/app112211027>
8. Slimani A, Sauro S, Gatón Hernández P, Gurgan S, Turkun LS, Miletić I, Banerjee A, Tassery H. Commercially available ion-releasing dental materials and cavitated carious lesions: Clinical treatment options. *Materials (Basel)*. 2021 Oct 21;14(21):6272. doi: 10.3390/ma14216272.
9. Šalinović I, Schaperl Z, Marcus M, Miletić I. The effects of three remineralizing agents on the microhardness and chemical composition of demineralized enamel. *Materials (Basel)*. 2021 Oct 13;14(20):6051. doi: 10.3390/ma14206051.
10. Rajda M, Miletić I, Baršić G, Krmek SJ, Šnjarić D, Baraba A. Efficacy of reciprocating instruments in the removal of bioceramic and epoxy resin-based sealers: Micro-CT analysis. *Materials (Basel)*. 2021 Nov 5;14(21):6670. doi: 10.3390/ma14216670.
11. Mickenautsch S, Miletić I, Rupf S, Renteria J, Göstemeyer G. The Composite quality score (CQS) as a trial appraisal tool: inter-rater reliability and rating time. *Clin Oral Investig*. 2021 Oct;25(10):6015-6023. doi: 10.1007/s00784-021-04099-w.
12. Baraba A, Čimić S, Basso M, Ionescu AC, Brambilla E, Miletić I. Microtensile bond strength of fiber-reinforced and particulate filler composite to coronal and pulp chamber floor dentin. *Materials (Basel)*. 2021 May 5;14(9):2400. doi: 10.3390/ma14092400.
13. Schwendicke F, Basso M, Markovic D, Turkun LS, Miletić I. Long-term cost-effectiveness of glass hybrid versus composite in permanent molars. *J Dent*. 2021 Sep;112:103751. doi: 10.1016/j.jdent.2021.103751.
14. Schwendicke F, Gomez Rossi J, Krois J, Basso M, Perić T, Turkun LS, Miletić I. Cost-effectiveness of glass Hybrid versus composite in a multi-country randomized trial. *J Dent*. 2021; Feb 19:103614. doi: 10.1016/j.jdent.2021.103614.
15. Navarro MF, Pascotto R, Borges AFS, Bresciani E, Carvalho RM, Fagundes T, Frencken J, Gurgan S, Leal SC, Menzes-Silva R, Miletić I, Molina G, Ngo H, Puppin-Rontani RM, Raggio D, Soares C, Tuzuner T, Wang L, Nicholson J, Sidhu SK. Consensus on glass-ionomer cement thresholds for restorative indications. *J Dent*. 2021 Feb 18:103609. doi:10.1016/j.jdent.2021.103609.
16. Brkanović S, Ivanišević A, Miletić I, Mezdicić D, Jukić Krmek S. Effect of nano-filled protective coating and different pH Environment on wear resistance of new glass hybrid restorative material. *Materials (Basel)*. 2021; 14(4):755. doi:10.3390/ma14040755.
17. Bilić-Prčić M, Brzović Rajić V, Ivanišević A, Pilipović A, Gurgan S, Miletić I. Mechanical properties of glass ionomer cements after incorporation of marine derived hydroxyapatite. *Materials (Basel)*. 2020 13(13): 3542. doi: 10.3390/ma13163542.
18. Šimunović Aničić M, Goracci C, Juloski J, Miletić I, Meštrović S. The Influence of resin infiltration pretreatment on orthodontic bonding to demineralized human enamel. *Appl. Sci*. 2020; 10(10):3619. doi: 10.3390/app10103619.
19. Miletić I, Baraba A, Basso M, Pulcini MG, Marković D, Perić T, Ozkaya CA, Turkun LS. Clinical performance of a glass-hybrid system compared with a resin composite in the posterior region: Results of a 2-year multi-center Study. *J Adhes Dent*. 2020;22(3):235-247. doi: 10.3290/j.jad.a44547.
20. Kadić S, Baraba A, Miletić I, Ionescu AC, Brambilla E, Ivanišević Malčić A, Gabrić D. Influence of different laser-assisted retrograde cavity preparation techniques on bond strength of bioceramic-based material to root dentine. *Lasers Med Sci*. 2020; Feb; 35(1):173-179. doi: 10.1007/s10103-019-02835-z.
21. Gjorgjevska E, Nicholson JW, Gabrić D, Guclu ZA, Miletić I, Coleman NJ. Assessment of the impact of the addition of nanoparticles on the properties of glass-ionomer cements. *Materials (Basel)*. 2020 Jan 8;13(2):276. doi: 10.3390/ma13020276.
22. Parčina Amižić I, Baraba A, Ionescu AC, Brambilla E, Van Ende A, Miletić I. Bond strength of individually formed and prefabricated fiber-reinforced composite posts. *J Adhes Dent*. 2019; 21(6):557-65. doi: 10.3290/j.jad.a43649.ž
23. Kutuk ZB, Vural UK, Cakir FY, Miletić I, Gurgan S. Mechanical properties and water sorption of two experimental glass ionomer cements with hydroxyapatite or calcium fluorapatite formulation. *Dent Mater J*. 2019 Jun 1;38(3):471-479. doi: 10.4012/dmj.2018-085.

24. Parčina Amižić I, Miletić I, Baraba A, Fan Y, Nathanson D. In vitro retention of prefabricated and individually formed posts: a pilot study. *J Prosthet Dent*. 2018 Oct; 120(4):553-57. doi:10.1016/j.prosdent.2018.04.011.
25. Brzović Rajić V, Želježić D, Malčić Ivanišević A, Verzak Ž, Baraba A, Miletić I. Citotoksični i genotoksični učinak kompozitnih materijala na stanicama ljudskih limfocita in vitro. *Acta Clin Croat*. 2018 Jun;57(2):278-85. doi: 10.20471/acc.2018.57.02.07.
26. Kadić S, Baraba A, Miletić I, Ionescu A, Brambilla E, Ivanišević Malčić A, Gabrić D. Push-out bond strength of three different calcium silicate-based root-end filling materials after ultrasonic retrograde cavity preparation. *Clin Oral Investig*. 2018 Apr; 22(3):1559-1565. doi: 10.1007/s00784-017-2244-6.
27. Baraba A, Kqiku L, Gabrić D, Verzak Ž, Hanscho K, Miletić I. Efficacy of removal of cariogenic bacteria and carious dentin by ablation using different modes of Er:YAG lasers. *Braz J Med Biol Res*. 2018 Jan 11; 51(3):e6872. doi: 10.1590/1414-431X20176872.
28. Miletić I, Chieffi N, Rengo C, Ferrari M, Nathanson D, Baraba A. Effect of photon induced photoacoustic streaming (PIPS) on bond strength to dentine of two root canal filling materials. *Lasers Surg Med*. 2016 Dec; 48(10):951-4. doi: 10.1002/lsm.22536.
29. Baraba A, Nathanson D, Matijević J, Gabrić D, Miletić I. Ablative potential of Er:YAG laser in dentin: quantum vs. variable square pulse. *Photomed Laser Surg*. 2016 May; 34(5):215-20. doi: 10.1089/pho.2015.4078.
30. Katalinić I, Baraba A, Glavičić S, Šegović S, Anić I, Miletić I. Comparison of vertical forces during root canal filling with three different obturation techniques. *Coll Antropol*. 2013 Sep; 37(3):895-9.
31. Baraba A, Dukić W, Chieffi N, Ferrari M, Anić I, Miletić I. Influence of different pulses of Er:YAG laser based on Variable Square Pulse technology on microtensile bond strength of a self-etch adhesive to dentin. *Photomed Laser Surg*. 2013 Mar; 31(3):116-24. doi: 10.1089/pho.2012.3286. Epub 2013 Feb 19.
32. Gabrić Pandurić D, Bago I, Katanec D, Zabkar J, Miletić I, Anić I. Comparison of the Er:YAG laser and a surgical drill used for osteotomy in oral surgery: an experimental study. *J Oral Maxillofac Surg*. 2012 Nov; 70(11):2515-21. doi: 10.1016/j.joms.2012.06.192.
33. Baraba A, Perhavec T, Chieffi N, Ferrari M, Anić I, Miletić I. Ablative potential of four different pulses of Er:YAG lasers and low-speed handpiece. *Photomed Laser Surg*. 2012 Jun; 30(6):301-7. doi: 10.1089/pho.2011.3190. Epub 2012 Mar 16.
34. Kqiku L, Städtler P, Jürgen HJ, Baraba A, Anić I, Miletić I. Active versus passive microleakage of Epiphany/Resilon and gutta-percha/Ah Plus. *Aust Endod J*. 2011 Dec; 37(3):141-6. doi: 10.1111/j.1747-4477.2010.00238.x. Epub 2010 Sep 1.
35. Kqiku L, Miletić I, Anić I, Baraba A, Weiglein A, Städtler P. Distribution of RoekoSeal sealer applied by three obturation techniques. *Coll Antropol*. 2011 Sep; 35(3):885-8.
36. Glavičić S, Anić I, Braut A, Miletić I, Borčić J. Vertical force and torque analysis during mechanical preparation of extracted teeth using hand ProTaper instruments. *Aust Endod J*. 2011 Aug; 37(2):51-5. doi: 10.1111/j.1747-4477.2010.00252.x. Epub 2010 Aug 16.
37. Baraba A, Zelježić D, Kopjar N, Mladinić M, Anić I, Miletić I. Evaluation of cytotoxic and genotoxic effects of two resin-based root-canal sealers and their components on human leucocytes in vitro. *Int Endod J*. 2011 Jul; 44(7):652-61. doi: 10.1111/j.1365-2591.2011.01869.x. Epub 2011 Feb 26.
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40. Šimunović-Soskić M, Pezelj-Ribarić S, Brumini G, Glazar I, Grzić R, Miletić I. Salivary levels of TNF-alpha and IL-6 in patients with denture stomatitis before and after low-level laser therapy. *Photomed Laser Surg*. 2010 Apr; 28(2):189-93. doi: 10.1089/pho.2008.2420.
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42. Baraba A, Miletić I, Jukić Krmek S, Perhavec T, Božić Z, Anić I. Ablative potential of the erbium-doped yttrium aluminium garnet laser and conventional handpieces: A comparative study. *Photomed Laser Surg*. 2009 Dec; 27(6):921-7. doi: 10.1089/pho.2008.2416.
43. Anić I, Miletić I, Jukić Krmek S, Borčić J, Pezelj-Ribarić S. Vibrations produced during erbium: yttrium-aluminum-garnet laser irradiation. *Lasers Med Sci*. 2009 Sep; 24(5):697-701. doi: 10.1007/s10103-008-0596-5. Epub 2008 Aug 12.
44. Jukić Krmek S, Miletić I, Simeon P, Prpić-Mehičić G, Anić I, Radišić B. The temperature changes in the pulp chamber during the cavity preparation with Er:YAG laser using a very short pulse. *Photomed Laser Surg*. 2009 Apr; 27(2):351-5. doi: 10.1089/pho.2008.2247.
45. Brzović V, Miletić I, Želježić D, Mladinić M, Kasuba V, Ramić S, Anić I. In vitro genotoxicity of root canal sealers. *Int Endod J*. 2009 Mar; 42(3):253-63. doi: 10.1111/j.1365-2591.2008.01510.x.
46. Pezelj-Ribarić S, Prpić J, Miletić I, Brumini G, Soskić MS, Anić I. Association between oral lichenoid reactions and amalgam restorations. *J Eur Acad Dermatol Venereol*. 2008 Nov; 22(10):1163-7. doi: 10.1111/j.1468-3083.2008.02736.x.
47. Pezelj-Ribarić S, Magasić K, Prpić J, Miletić I, Karlović Z. Tumor necrosis factor-alpha in peripical tissue exudates of teeth with apical periodontitis. *Mediators Inflamm*. 2007; 2007:69416. doi: 10.1155/2007/69416.

48. Brekalo Pršo I, Kocjan W, Šimić H, Brumini G, Pezelj-Ribarić S, Borčić J, Ferreri S, Miletić Karlović I. Tumor necrosis factor-alpha and interleukin 6 in human periapical lesions. *Mediators Inflamm.* 2007; 2007:38210-1. doi: 10.1155/2007/38210.
49. Malčić A, Jukić S, Brzović V, Miletić I, Pelivan I, Anić I. Prevalence of root dilaceration in adult dental patients in Croatia. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod.* 2006 Jul;102(1):104-9. doi: 10.1016/j.tripleo.2005.08.021.
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51. Karlović Z, Pezelj-Ribarić S, Miletić I, Jukić S, Grgurević J, Anić I. Erbium:YAG laser versus ultrasonic in preparation of root-end cavities. *J Endod.* 2005 Nov;31(11):821-3. doi: 10.1097/01.don.0000158234.33581.e9.
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53. Grgurević J, Grgurević L, Miletić I, Karlović Z, Jukić Krmek S, Anić I. In vitro study of the variable square pulse Er:YAG laser cutting efficacy for apicectomy. *Lasers Surg Med.* 2005 Jun;36(5):347-50. doi: 10.1002/lsm.20168.
54. Miletić I, Devčić N, Anić I, Borčić J, Karlović Z, Osmak M. The cytotoxicity of RoekoSeal and AH Plus compared during different setting periods. *J Endod.* 2005 Apr;31(4):307-9. doi: 10.1097/01.don.0000140570.95688.ee.
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58. Jukić S, Talan-Hranilović J, Buković D, Miletić I, Neziri E. Nicotinamide adenine dinucleotide phosphate-diaphorase (NADPH-d); histochemistry detecting NOS in healthy and chronically inflamed pulp. *Coll Antropol.* 2002 Dec; 26(2):681-8.
59. Pezelj-Ribarić S, Anić I, Brekalo I, Miletić I, Hasan M, Šimunović-Šoskić M. Detection of tumor necrosis factor alpha in normal and inflamed human dental pulps. *Arch Med Res.* 2002 Sep-Oct; 33(5):482-4. doi: 10.1016/s0188-4409(02)00396-x.
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61. Miletić I, Pezelj-Ribarić S, Karlović Z, Jukić S, Bošnjak A, Anić I. Apical leakage of five root canal sealers after one year of storage. *J Endod.* 2002 Jun; 28(6):431-2. doi: 10.1097/00004770-200206000-00003.
62. Miletić I, Prpić-Mehičić G, Maršan T, Tambić Andrašević A, Pleško S, Karlović Z, Anić I. Bacterial and fungal microleakage of AH26 and AH Plus root canal sealers. *Int Endod J.* 2002; 35(5):428-32. doi: 10.1046/j.1365-2591.2002.00490.x.
63. Pezelj-Ribarić S, Brekalo I, Abram M, Dorčić M, Miletić I, Karlović Z. Influence of calcium hydroxide root-canal sealer on microbial growth in vitro. *Folia Microbiol (Praha).* 2002; 47(4):458-60. doi: 10.1007/BF02818709.
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Emerging Sources Citation Index (ESCI)

68. Šošić A, Šalinović I, Brzović Rajić V, Ivanišević Malčić A, Jukić Krmek S, Miletić I. Procjena oštećenja endodontskih instrumenata vizualno i optičkim pomagalima. *Acta Stomatol Croat.* 2021; 55(2):129-36. doi: 10.15644/asc55/2/2
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71. Brzović Rajić V, Ivanišević Malčić A, Bilge Kütük Z, Gurgan S, Jukić S, **Miletić I**. Kompresijska čvrstoća restaurativnih materijala temeljenih na novoj tehnologiji stakleno- ionomernih cemenata nakon termocikliranja i cikličkog opterećenja. *Acta Stomatol Croat.* 2019 Dec;53(4):318-25. doi: 10.15644/asc53/4/2.
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75. Baraba A, Dukić W, Chieffi N, Ferrari M, Pezelj Ribarić S, **Miletić I**. Influence of air abrasion and sonic technique on microtensile bond strength of one-step self-etch adhesive on human dentin. *The Scientific World Journal* 2015:368745 (2015), 368745-1 doi: 10.1155/2015/368745.
76. Basso M, van Duinen R, **Miletić I**. Preservation of dental pulp vitality: a fundamental goal for modern conservative dentistry. *Dental Cadmos*. 2018; 86(5):378-99. doi: 10.19256/d.cadmos.05.2018.05.
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