
Curriculum vitae

►Vesna Miletic BDS, PGCertMedEd, MSc, PhD, SFHEA

Professor
The University of Sydney, Faculty of Medicine and Health, Sydney Dental School
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EDUCATION and QUALIFICATIONS

1. **SFHEA, Senior Fellowship of HEA (Advance HE | formerly the Higher Education Academy)**, August 2022, The University of Sydney, Australia
2. **Post-doctoral research:**
 - 2011. The University of Edinburgh, Edinburgh Postgraduate Dental Institute, Edinburgh, UK (6 months)
 - 2012. KU Leuven, BIOMAT Research Cluster, Belgium (7 months)
3. **PhD**, 2007-2010. The University of Edinburgh, Edinburgh Postgraduate Dental Institute, Edinburgh, UK
 - PhD thesis title: "Micro-Raman spectroscopic studies on the adhesive-dentine interface and the degree of conversion of dental adhesives"
4. **Postgraduate Certificate in Medical Education**, 2018. University of Dundee, UK
5. **MSc**, 2005. University of Belgrade School of Dental Medicine, Serbia
 - MSc thesis title: "Analysis of contact loading on a 3D tooth model using a finite element method"
6. **Specialization in Restorative dentistry and Endodontics**, 2002-2005, University of Belgrade School of Dental Medicine, Serbia
7. **BDS**, 1994-2000 (6-year curriculum), University of Belgrade School of Dental Medicine, Serbia. Graduated with the average grade 9.80/10

Other education

Accredited Mental Health First Aider. Mental Health First Aid Australia, May 2022.

EMPLOYMENT HISTORY

The University of Sydney, Faculty of Medicine and Health, Sydney Dental School
Professor (2021 -)

University of Belgrade School of Dental Medicine

Dept. of Restorative Dentistry and Endodontics

2018-2021 Associate Professor
2013-2018 Assistant Professor
2005-2013 Clinical Lecturer
2001-2005 Assistant Clinical Lecturer

INTERNATIONAL EXPERIENCE

2020 (March - June) - Noel Martin Visiting Chair (Visiting Professor) - The University of Sydney School of Dentistry (Australia)

MANAGEMENT EXPERIENCE

Director of Restorative Dentistry and Head of Discipline Tooth Conservation, the University of Sydney, Sydney Dental School - 2021 -

Faculty Board Member, Faculty of Medicine and Health, The University of Sydney, 2021 -

Previous management experience

Head of Restorative Dentistry undergraduate program, University of Belgrade School of Dental Medicine, Serbia 2018 - 2021

Task force for revision of curriculum for PhD studies at University of Belgrade School of Dental Medicine, Serbia (to be implemented as of the academic year 2020/2021)

Center for Continuing Education (Board Member), University of Belgrade School of Dental Medicine, Serbia 2019 - 2021

Ethics Committee (member), University of Belgrade School of Dental Medicine, Serbia, 2018 - 2021

Research Committee (member), University of Belgrade School of Dental Medicine, Serbia 2014 - 2021

RESEARCH INTERESTS

Restorative dentistry, Dental materials, Resin-based composites, adhesives, and glass-ionomer cements, Bioactive restorative materials, Experimental and commercial materials, Clinically-relevant properties and Clinical performance.

FELLOWSHIPS, SCHOLARSHIPS, AWARDS

1. SFHEA, Senior Fellow of HEA - 2022
2. IADR Centennial Emerging Leaders Award - 2020
3. University of Belgrade, "Veselin Lucic" Endowment - Best scientific achievement - 2019
4. Best Research Award by the Serbian Medical Association - 2017
5. CED-IADR Visiting Scholar Stipend – 2012.
6. IADR Toshio Nakao Fellowship - 2011.
7. The University of Edinburgh, Edinburgh Postgraduate Dental Institute - 2007-2010
8. Foundation for young researchers, Republic of Serbia - 1995-2000
9. Embassy of Norway Scholarship – 1999.
10. Serbian Medical Society Best Student Award - 2000.
11. University of Belgrade Best Student Award - 2000.

MEMBERSHIP IN INTERNATIONAL ORGANIZATIONS

1. International Association for Dental Research (IADR)
 - IADR Fellowships Committee 2019 - 2022
 - IADR KULZER Travel Award Committee 2019 - 2022
 - IADR Membership and Recruitment Committee 2010 - 2013
2. Academy of Dental Materials (ADM)
3. European Society of Endodontology (ESE)
4. Australian Dental Association (ADA)

SERVICE IN THE SCIENTIFIC COMMUNITY

Editorial Boards in scientific journals

1. Journal of Dentistry, member of the Editorial Board
2. Journal of Adhesive Dentistry (https://jad.quintessenz.de/jad/downloads/imprint_jad.pdf), member of the Editorial Board
3. Journal of Esthetic and Restorative Dentistry, member of the Editorial Board
4. Frontiers in Dental Medicine (<https://www.frontiersin.org/journals/dental-medicine#editorial-board>), Associate Editor

Reviewer

Expert evaluator @ HORIZON 2020 Research and Innovation Actions (RIA), 2016 - to date
Expert evaluator @ European Health and Digital Executive Agency (HaDEA), 2022 – to date

Reviewer in International peer-reviewed journals (161 verified reviews, publons.com)

1. Acta Biomaterialia (Outstanding Reviewer Recognition by Elsevier)
2. Dental Materials (Outstanding Reviewer Recognition by Elsevier)
3. Materials Science and Engineering C (Outstanding Reviewer Recognition by Elsevier)
4. Journal of Dental Research
5. Journal of Dentistry
6. Clinical Oral Investigations
7. Scientific Reports
8. Journal of Biomedical Materials Research: Part B - Applied Biomaterials
9. Journal of Raman Spectroscopy
10. Journal of Adhesive Dentistry
11. Journal of Esthetic and Restorative Dentistry
12. Quintessence International
13. Journal of Applied Oral Science
14. Journal of Adhesion Science and Technology
15. Primary Dental Care
16. Journal of Dentistry and Oral Hygiene
17. Srpski arhiv za celokupno lekarstvo (Serbian Archives of Medicine)
18. Vojnosanitetski pregled (Serbian)

GRANTS AND PROJECTS

Individual research grants

CED-IADR Visiting Scholar Stipend – 2012. (6000 EUR)
IADR Toshio Nakao Fellowship - 2011. (6000 EUR)

Research projects supported by the Serbian Ministry of education, Science and Technological Development 2011-2021. (cca 15000 EUR)

ON172007 Development and application of methods and materials for monitoring new toxic materials. University of Belgrade Faculty of Technology and Metallurgy. Sub-project leader.

ON175075 Genetic control and molecular mechanisms in malignant, inflammatory and developmental pathological processes of the orofacial region. Participant

International projects

IADR Regional Development Program 2013-2014 – Project coordinator (cca 20000 EUR)

International higher education project

Improving Students' Experience in the Simulation Clinic - "Best Class II Restoration" Competition. USYD 2021. Supported by Dentsply Sirona (AU\$11,000.00)

Upskilling Manual Dexterity of Students in an Advanced Composite Course in Tooth Conservation. USYD 2021. Supported by 3M (AU\$4,000.00)

ReFEEHS (Reinforcement of the Framework for Experiential Education in Healthcare in Serbia) Erasmus+ program KA2, 2015-2018. Participant (cca 5000 GBP)

In-kind donations of materials and equipment from dental companies for various research projects exceeding 20000 EUR

DMD students' research projects

Effects of enhanced personal protective equipment on the quality of dental procedures. USYD 2022. Supported by Kerr (AU\$4,023.00).

LIST OF PUBLICATIONS - BOOKS

Editor of an international book

Dental Composite Materials for Direct Restorations. Editor: V. Miletic, Publisher: Springer International Publishing (Springer-Verlag GmbH, Germany). ISBN: 978-3-319-60960-7 (Hardcover), 978-3-319-60961-4 (eBook), DOI: 10.1007/978-3-319-60961-4.

Chapters in an international book

1. Stasic Jovana N and Miletic Vesna. Surface Modification of Dental Materials and Hard Tissues Using Nonthermal Atmospheric Plasma. In Mitrovic N, Milosevic M, Mladenovic G (Editors). Computational and Experimental Approaches in Materials Science and Engineering, Proceedings of the International Conference of Experimental and Numerical Investigations and New Technologies, CNNTech 2019, LNNS 90. Springer Nature Switzerland AG 2020 pp: 119-138. DOI: 10.1007/978-3-030-30853-7_8

2. Miletic V. Development of Dental Composites. In Dental Composite Materials for Direct Restorations. Editor: V. Miletic, Publisher: Springer International Publishing (Springer-Verlag GmbH, Germany). ISBN: 978-3-319-60960-7 (Hardcover), 978-3-319-60961-4 (eBook), DOI: 10.1007/978-3-319-60961-4.
3. Miletic V. Low-Shrinkage Composites. In Dental Composite Materials for Direct Restorations. Editor: V. Miletic, Publisher: Springer International Publishing (Springer-Verlag GmbH, Germany). ISBN: 978-3-319-60960-7 (Hardcover), 978-3-319-60961-4 (eBook), DOI: 10.1007/978-3-319-60961-4.
4. Miletic V, Sauro S. Bonding to Tooth Tissues. In Dental Composite Materials for Direct Restorations. Editor: V. Miletic, Publisher: Springer International Publishing (Springer-Verlag GmbH, Germany). ISBN: 978-3-319-60960-7 (Hardcover), 978-3-319-60961-4 (eBook), DOI: 10.1007/978-3-319-60961-4.
5. Miletic V. Dental adhesive systems. In Dental Biomaterials: Principles and Application. 2nd editions. Editors: Khurshid Z, Sheikh Z. pp. 180-195. Publisher: Paramount Books (PVT) Ltd., Pakistan 2014. ISBN 9789694949604
6. Santini A, Egle M and Miletic V. A review of SEM and TEM studies on the hybridisation of dentine. IN: Microscopy: Science, Technology, Applications and Education. Editors: Mendez-Vilas A, Diaz J. Publisher: FORMATEX, Badajoz, Spain, 2011. ISBN-13: 978-84-614-6189-9

Chapters in national books

7. Miletic V. E-učenje (E-learning). IN: Application of Digital Technologies in Dentistry. Editors: Todorovic A and Trifkovic B. Publisher: School of Dental Medicine, University of Belgrade, Belgrade 2022. ISBN - 978-86-80953-72-4
8. Miletic V, Santini A. Dental adhesive systems. IN: Dental Materials vol. 2. Editor: Stamenkovic D. Publisher: University of Belgrade, Belgrade, 2012. ISBN 978-86-80953-33-5

Monograph

9. Miletic V. Computer simulation of mechanical loading of teeth. Andrejević, Belgrade, 2006. ISBN 86-7244-523-6

Patents (accessible through the European Patent Office

(<https://worldwide.espacenet.com/patent/search?q=ia%20%3D%20%22miletic%20vesna%22>)

10. Miletic V, Petrovic V, Stasic J, Mitrovic N, Milovanovic A and Milosevic M. Device for assessment of micro-mechanical properties of dental materials with modular tools. Application No: 2019/0032. Reg. br: 1643. Date of registration: Feb. 13, 2020. National

Registry of Patents, Serbia

11. Mitrovic N, Miletic V, Milosevic M, Dragicevic A, Kosic B, Mitrovic A. System for synchronised measurement of deformations and temperature changes of the sample (Sistem za sinhronizovano merenje deformacija i temperaturnih promena uzorka). Patent 2018/0049, National Registry of Patents, Serbia, 2018

LIST OF PUBLICATIONS - PAPERS

International peer-reviewed journals with impact factor

(Name in bold - 1st or corresponding authorship; name underlined - coauthorship)

1. **Miletic V**, Trifković B, Stamenković D, Tango RN, Paravina RD. Effects of staining and artificial aging on optical properties of gingiva-colored resin-based restorative materials. **Clinical Oral Investigations** 2022 Jul 26. doi: 10.1007/s00784-022-04643-2.
2. **Miletic V**. In vitro evidence indicates silver diamine fluoride pretreatment of dentine may reduce bond strength of dental adhesives, but not of glass ionomer cements [discussion]. **Journal of Evidence-Based Dental Practice** 2022, 101755.
3. Divnic-Resnik T, Shen JJ, Nguyen JVT, Lu DW, **Miletic V**. Effects of bioflavonoid-containing mouth rinses on optical properties of tooth-coloured dental restorative materials. **Scientific Reports** 12, 9944 (2022). <https://doi.org/10.1038/s41598-022-14254-2>.
4. Matić T, Ležaja Zebić M, Miletić V, Cvijović-Alagić I, Petrović R, Janačković Dj, Veljović Dj. Sr,Mg co-doping of calcium hydroxyapatite: Hydrothermal synthesis, processing, characterization and possible application as dentin substitutes. **Ceramics International** [In Press] 2022, doi: 10.1016/j.ceramint.2021.12.335.
5. Saengnil W, Anuntasainont M, Srimaneekarn N, Miletic V, Pongprueksa P. A Retrospective Clinical Study on Factors Influencing the Failure of NCCL Restorations. **International Journal of Dentistry** 2022 Apr 11;2022:8048265. doi: 10.1155/2022/8048265. eCollection 2022
6. Stasic JN, Pficer JK, Milicic B, Puač N, **Miletic V**. Effects of non-thermal atmospheric plasma on dentin wetting and adhesive bonding efficiency: Systematic review and meta-analysis. **Journal of Dentistry** [In Press] 2021 Aug 4:103765. doi: 10.1016/j.jdent.2021.103765.
7. Savic-Stankovic T, Karadzic B, Komlenic V, Stasic J, Petrovic V, Ilic J, **Miletic V**. Effects of whitening gels on color and surface properties of a microhybrid and nanohybrid composite. **Dental Materials Journal** 2021;40(6):1380-1387.

8. Petronijevic Sarcev B, Balos S, Markovic D, Sarcev I, Vukcevic M, Labus Zlatanovic D, **Miletic V**. Effect of the Degree of Conversion on Mechanical Properties and Monomer Elution from Self-, Dual- and Light-Cured Core Composites. **Materials** 2021, 14, 5642. <https://doi.org/10.3390/ma14195642> (IF 3.620)
9. **Miletic V**, Stasic JN, Komlenic V, Petrovic R. Multifactorial analysis of optical properties, sorption, and solubility of sculptable universal composites for enamel layering upon staining in colored beverages. **Journal of Esthetic and Restorative Dentistry** 2021;33:943-952
10. Ilić J, Radović K, Savić-Stanković T, Popovac A, Miletić V, Milić Lemić A. The effect of COVID-19 pandemic on final year dental students' self-confidence level in performing clinical procedures. **PLOS ONE** 2021;16(10): e0257359. <https://doi.org/10.1371/journal.pone.0257359> (IF 3,240)
11. Komlenic V, **Miletic V**. Effects of the light tip position on the degree of conversion and dentin bond strength of a universal adhesive. **Srpski Arhiv za Celokupno Lekarstvo (Serbian Archives of Medicine)** 2021;149 (3-4):149-154
12. Kazuz A, Radovanovic Z, Veljovic Dj, Kojic V, Miletic V, Petrovic R, Janackovic Dj. α -Tricalcium phosphate/fluorapatite based composite cements: Synthesis, mechanical properties, and biocompatibility. **Ceramics International** 2020;46:25149-25154
13. Milanovic I, Milovanovic P, Antonijevic Dj, Dzeletovic B, Djuric M, **Miletic V**. Immediate and long-term porosity of calcium silicate-based sealers. **Journal of Endodontics** 2020;46:515-523
14. Ayoub G, Lezaja Zebic M, Miletic V, Petrovic R, Veljovic Dj, Janackovic Dj. Dissimilar sintered calcium phosphate dental inserts as dentine substitutes: Shear bond strength to restorative materials. **Journal of Biomedical Materials Research Part B: Applied Biomaterials** 2020;108:2461-2470
15. Savić-Stanković T, Karadžić B, Latković M, **Miletic V**. Clinical efficiency of a sodium perborate - hydrogen peroxide mixture for intracoronary non-vital teeth bleaching. **Srpski Arhiv za Celokupno Lekarstvo (Serbian Archives of Medicine)** 2020;148(1-2):24-30.
16. **Miletic V**, Marjanovic J, Veljovic DN, Stasic JN, Petrovic V. Color stability of bulk-fill and universal composite restorations with dissimilar dentin replacement material. **Journal of Esthetic and Restorative Dentistry** 2019;31:520-528.
17. Petrovic V, Stasic JN, Komlenic V, Savić-Stanković T, Latković M, **Miletic V**. Temperature changes in the pulp chamber induced by polymerization of resin-based dental restoratives following simulated direct pulp capping. **Hemijaska Industrija (Chemical Industry)** 2019;73:239-248, full text
18. Stasic JN, Selaković N, Puač N, Miletić M, Malović G, Petrović ZLj, Veljovic Dj, **Miletic V**. Effects of non-thermal atmospheric plasma treatment on dentin wetting and surface free

- energy for application of universal adhesives. **Clinical Oral Investigations** 2019;23:1383-139.
19. Mitrovic A, Tanasic I, Mitrovic N, Miletic V, Bakic G, Milosevic M, Antonovic D. Analysis of the strain and hardness in self-cured and light-cured self-adhesive resin based cement. **Journal of Adhesion Science and Technology** 2019, doi: 10.1080/01694243.2019.1654221
 20. Ayoub G, Veljovic Dj, Lezaja Zebic M, Miletic V, Palcevskis E, Petrovic R, Janackovic Dj. Composite Nanostructured Hydroxyapatite/Yttrium Stabilized Zirconia Dental Inserts – The Processing and Application as Dentin Substitutes. **Ceramics International** 2018;44:18200-18208.
 21. Marjanovic J, Veljovic Dj, Stasic J, Savic-Stankovic T, Trifkovic B, **Miletic V**. Optical properties of composite restorations influenced by dissimilar dentin restoratives. **Dental Materials** 2018;34:737-745
 22. Lezaja Zebic M, Dzeletovic B, **Miletic V**. Microtensile bond strength of universal adhesives to flat versus Class I cavity dentin with pulpal pressure simulation. **Journal of Esthetic and Restorative Dentistry** 2018; 30:240-248 Doi: 10.1111/jerd.12363.
 23. **Miletic V**, Pongprueksa P, De Munck J, Brooks NR, Van Meerbeek B. Curing characteristics of flowable and sculptable bulk-fill composites. **Clinical Oral Investigations** 2017; 21:1201-1212.
 24. Manojlovic D, Dramićanin MD, Miletic V, Mitić-Ćulafić D, Jovanović B, Nikolić B. Cytotoxicity and genotoxicity of a low-shrinkage monomer and monoacylphosphine oxide photoinitiator: Comparative analyses of individual toxicity and combination effects in mixtures. **Dental Materials** 2017; 33(4):454-466.
 25. **Miletic V**, Jakovljevic N, Manojlovic D, Marjanovic J, Rosic AA, Dramićanin MD. Refractive indices of unfilled resin mixtures and cured composites related to color and translucency of conventional and low-shrinkage composites. **Journal of Biomedical Materials Research Part B: Applied Biomaterials** 2017;105:7-13.
 26. **Miletic V**, Peric D, Milosevic M, Manojlovic D, Mitrovic N. Local deformation fields and marginal integrity of sculptable bulk-fill, low-shrinkage and conventional composites. **Dental Materials** 2016;32:1441-1451.
 27. Lezaja M, Jokic B, Veljovic Dj, **Miletic V**. Shear bond strength to dentine of dental adhesives containing hydroxyapatite nano-fillers. **Journal of Adhesion Science & Technology** 2016; 30(24):2678-2689.
 28. Manojlovic D, Dramicanin M, Lezaja M, Pongprueksa P, Van Meerbeek B, **Miletic V**. Effect of resin and photoinitiator on color, translucency and color stability of conventional

- and low-shrinkage model composites. **Dental Materials** 2016;32:183-191.
29. Manojlovic D, Dramićanin MD, Milosevic M, Zeković I, Cvijović-Alagić I, Mitrović N, **Miletic V**. Effects of a low-shrinkage methacrylate monomer and monoacylphosphine oxide photoinitiator on curing efficiency and mechanical properties of experimental resin-based composites. **Materials Science and Engineering C** 2016;58:487-494.
 30. Manojlovic D, Lenhardt L, Milićević B, Antonov M, Miletic V, Dramićanin MD. Evaluation of Staining-Dependent Colour Changes in Resin Composites Using Principal Component Analysis. **Scientific Reports** 2015;5:14638. doi: 10.1038/srep14638.
 31. Lezaja M, Veljovic Dj, Manojlovic D, Milosevic M, Mitrovic N, Janackovic Dj, **Miletic V**. Bond strength of restorative materials to hydroxyapatite inserts and dimensional changes of insert-containing restorations during polymerization. **Dental Materials** 2015;2:171-181.
 32. Petrović V, Opačić-Galić V, Zivković S, Nikolić B, Danilović V, Miletic V, Jokanović V, Mitić-Ćulafić D. Biocompatibility of new nanostructural materials based on active silicate systems and hydroxyapatite: in vitro and in vivo study. **International Endodontic Journal** 2015;48:966-75.
 33. Milanovic I, Ivanovic V, Vujaskovic M, Ignjatovic S, Miletic V. Accuracy of three electronic apex locators in determining the apical foramen in multi-rooted teeth: Randomised clinical and laboratory study. **Australian Endodontic Journal** 2015;41:35-43.
 34. Cimbaljevic MM, Spin-Neto RR, Miletic VJ, Jankovic SM, Aleksic ZM, Nikolic-Jakoba NS. Clinical and CBCT-based diagnosis of furcation involvement in patients with severe periodontitis. **Quintessence International** 2015;46:863-870.
 35. Pongprueksa P, Miletic V, Janssens H, Van Landuyt KL, De Munck J, Godderis L, Van Meerbeek B. Degree of conversion and monomer elution of CQ/amine and TPO adhesives. **Dental Materials** 2014;30:695-701.
 36. Pongprueksa P, Miletic V, De Munck J, Brooks N, Meersman F, Nies E, Van Meerbeek B, Van Landuyt K. Effect of Evaporation on the Shelf Life of a Universal Adhesive. **Operative Dentistry** 2014;39:500-507.
 37. **Miletic V**, Pongprueksa P, De Munck J, Brooks NR, Van Meerbeek B. Monomer-to-polymer conversion and micro-tensile bond strength to dentine of experimental and commercial adhesives containing diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide or a camphorquinone/amine photo-initiator system. **Journal of Dentistry** 2013;41:918-926.
 38. Lezaja M, Veljovic DN, Jokic BM, Cvijovic-Alagic I, Zrilic MM, **Miletic V**. Effect of hydroxyapatite spheres, whiskers, and nanoparticles on mechanical properties of a model BisGMA/TEGDMA composite initially and after storage. **Journal of Biomedical Materials Research Part B: Applied Biomaterials** 2013;101:1469–1476.
 39. Manojlovic D, Radisic M, Lausevic M, Zivkovic S, **Miletic V**. Mathematical modeling of cross-linking monomer elution from resin-based dental composites. **Journal of**

Biomedical Materials Research Part B: Applied Biomaterials 2013;101:61-67.

40. Santini A, Miletic V, Swift MD, Bradley M. Degree of conversion and microhardness of TPO-containing resin-based composites cured by polywave and monowave LED units. **Journal of Dentistry** 2012;40:577-584.
41. **Miletic V**, Santini A. Optimizing the concentration of 2,4,6-trimethylbenzoyldiphenyl - phosphine oxide initiator in composite resins in relation to monomer conversion. **Dental Materials Journal** 2012;31:717-723.
42. Santini A, Miletic V, Koutsaki D. Degree of conversion of three fissure sealants cured by different light curing units using micro-Raman spectroscopy. **Journal of Dental Sciences** 2012;7:26-32.
43. **Miletic V**, Santini A. Micro-Raman spectroscopic analysis of the degree of conversion of composite resins containing different initiators cured by polywave or monowave LED units. **Journal of Dentistry** 2012;40:106-113.
44. **Miletic V**, Manojlovic D, Milosevic M, Mitrovic N, Savic Stankovic T, Maneski T. Analysis of local shrinkage patterns of self-adhering and flowable composites using 3D digital image correlation. **Quintessence International** 2011;42:797-804.
45. **Miletic V**, Beljic-Ivanovic K, Ivanovic V. Clinical reproducibility of three electronic apex locators. **International Endodontic Journal** 2011;44:769-76.
46. Manojlovic D, Radisic M, Vasiljevic T, Zivkovic S, Lausevic M, **Miletic V**. Monomer elution from nanohybrid and ormocer-based composites cured with different light sources. **Dental Materials** 2011;27:371-378.
47. Grga D, Dzeletović B, Miletić V, Damjanov M. Water uptake and solubility of Acroseal sealer in comparison with Apexit and AH Plus sealers in Hank's solution. **Srp Arh Celok Lek** (Serbian Archives of Medicine) 2011;139(9-10):579-82.
48. Milosevic M, Miletic V, Mitrovic N, Manojlovic D, Savic Stankovic T, Maneski T. Measurement of local deformation fields in dental composites using 3D optical system. **Chemicke Listy** 2011;105:s751-s753.
49. **Miletic V**, Santini A. Micro-Raman Assessment of the Ratio of Carbon-Carbon Double Bonds of Two Adhesive Systems Cured with LED or Halogen Light-curing Units. **Journal of Adhesive Dentistry** 2010;12:461-7.
50. **Miletic V**, Ivanovic V, Dzeletovic B, Lezaja M. Temperature Changes in Silorane-, Ormocer-, and Dimethacrylate-Based Composites and Pulp Chamber Roof during Light-Curing. **Journal of Esthetic and Restorative Dentistry** 2009;21:122-131.

51. **Miletic V**, Santini A, Trkulja I. Quantification of monomer elution and carbon-carbon double bonds in dental adhesive systems using HPLC and micro-Raman spectroscopy. **Journal of Dentistry** 2009;37:177-84.
52. Santini A, Miletic V. Comparison of the hybrid layer formed by Silorane adhesive, one-step self-etch and etch and rinse systems using confocal micro-Raman spectroscopy and SEM. **Journal of Dentistry** 2008;36:683-91.
53. **Miletic VJ**, Santini A. Remaining unreacted methacrylate groups in resin-based composite with respect to sample preparation and storing conditions using micro-Raman spectroscopy. **Journal of Biomedical Materials Research Part B: Applied Biomaterials** 2008;87:468-74.
54. Santini A, Miletic V. Quantitative micro-Raman assessment of dentine demineralization, adhesive penetration, and degree of conversion of three dentine bonding systems. **European Journal of Oral Sciences** 2008;116:177-83.

Other international peer-reviewed journals indexed in MEDLINE and other citation databases

55. Matic T, Lezaja Zebic M, Cvijovic-Alagic I, Miletic V, Petrovic R, Janackovic Dj, Veljovic Dj. The Effect of Calcinated Hydroxyapatite and Magnesium Doped Hydroxyapatite as Fillers on the Mechanical Properties of a Model BisGMA/TEGDMA Dental Composite Initially and After Aging. *Metallurgical and Materials Engineering* 2018; 24(4): 271-281. doi: 10.30544/403 ISSN: 2217-8961
56. Milosevic M, Tatic U, Sedmak S, Perovic J, Miletic V. Calculation of Maximum Tensile and Shear Forces in Restorative Materials Using Finite Element Method. *Key Engineering Materials* Vol. 601 (2014) pp 151-154. Doi 10.4028/www.scientific.net/KEM.601.151
57. Milosevic M, Mitrovic N, Miletic V, Tatic U, Ezdenci A. Analysis of Composite Shrinkage Stresses on 3D Premolar Models with Different Cavity Design Using Finite Element Method. *Key Engineering Materials* Vol. 586 (2014) pp 202-205. Doi 10.4028/www.scientific.net/KEM.586.202
58. Vujaskovic M, Karadzic B, Miletic V. Root canal treatment of mandibular second premolar tooth with taurodontism. *Serbian Archives of Medicine* 2008 May-Jun;136(5-6):280-3.
59. Santini A, Watterson C, Miletic V. Temperature rise within the pulp chamber during composite resin polymerisation using three different light sources. *The Open Dentistry Journal* 2008;2:137-141.
60. Durey K, Santini A, Miletic V. Pulp chamber temperature rise during curing of resin-based composites with different light-curing units. *Primary Dental Care* 2008;15(1):33-8.
61. Millen C, Ormond M, Richardson G, Santini A, Miletic V, Kew P. A study of temperature rise in the pulp chamber during composite polymerization with different light-curing units. *Journal of Contemporary Dental Practice* 2007;8(7):29-37.

Special Issue of a Journal

"Materials and Bioactive Factors in Dental Restoration and Periodontal Therapy", 2016, Special Issue, International Journal of Dentistry, Lead Guest Editor. [link](#)

National journals

62. Lezaja Zebic M, Jakovljevic N, Miletic V. Fluoride release from conventional, resin-modified and hybrid glass ionomer cements. Serbian Dental Journal 2018;65(4):187-194. doi: 10.2478/sdj-2018-0018
63. Tatic U, Miletic V, Sedmak S, Mitrovic N, Ezdenci A, Gubeljak L, Milosevic M. Influence of the cavity shape in restorative dentistry on the stress-strain distribution in dentin and enamel caused by polymerization. Structural Integrity and Life 2014;14(3):199-204, 2014
64. Miletic V, Sakic D, Supljeglav I. Posterior Composite Restorations – Theoretical and Practical Teaching of Undergraduate Students in Serbia and Abroad. Serbian Dental Journal 2013;60(3):129-138.
65. Miletic V, Savic Stankovic T, Stasic J. Sensitivity of composite materials to ambient light and clinical working time. Serbian Dental Journal 2012;59:190-197.
66. Miletic V. Silorane technology in restorative dentistry - material properties and clinical application. Review. Stomatolog (Dentist) 2010;16-17:37-47
67. Grga Đ, Miletic V, Jelic M. SEM study of Thermafil obturation technique with five endodontic sealers. Balkan Journal of Stomatology 2007;11:123-128.
68. Grga Đ, Miletić V. Dental education for left-handed students. Serbian Dental Journal 2006;53:138-143.
69. Miletić V, Grga Đ. Computer literacy and access to the Internet among dental students. Serbian Dental Journal 2004;51:97-102.
70. Živković S, Jević B, Miletić V, Lazić V. Radiographic analysis of restorations using individually prepared cores on endodontically treated teeth. Serbian Dental Journal 2002;49:14-9.

INVITED LECTURES AT SCIENTIFIC MEETINGS

1. Miletic V. Optical Properties of White and Pink Resin-based Restorative Materials; Session Title: **Keynote Talk**; Color & Appearance (Esthetics) I. AADOCR/CADR Annual Meeting, Atlanta, Georgia, USA, 21-26 March 2022 (Hybrid Conference)
2. Miletic V. Secrets to Successful Adhesive Bonding, NSW Public Oral Health Conference April 28, 2021, Sydney, NSW, Australia
3. Miletic V. Light-curing of materials. 17th Serbian Dental Congress, 27-29.Sept, 2018. Belgrade, Serbia.

4. Miletic V. Recent advances in materials and techniques for direct posterior composite restorations. 17th Slovenian Symposium of Restorative Dentistry and Endodontics Bled Slovenia, April 7, 2017.
5. Miletic V. Posterior composite restorations. 3M ESPE Regional Expert Conference, Belgrade, Serbia, 2016.
6. Miletic V. Dental adhesive systems. 16. Congress of the Balkan Stomatological Society, Romania, 2011.
7. Miletic V. Dental adhesive systems - degree of conversion and the adhesive-dentine interface. School of Dental Medicine Anniversary, Belgrade, 2010.
8. Miletic V. Workshop "Scientific Paper Writing", University of Medicine and Pharmacy, Tirgu-Mures, Romania, 2009.

Organization of scientific meetings

Member of the Scientific Committee, 19th Congress of the Balkan Stomatological Society, April 24-27, 2014, Belgrade, Serbia

CONFERENCES

International conferences

1. **Miletic V**, Trifkovic B, Stamenkovic D, Nisie Tango R, Paravina RD. Correlation Between ΔE_{00} and ΔE_{ab} for Pink Restorative Materials, 2021 **IADR** General Session, 21-24 July 2021.
2. **Miletic V**, Stasic JN, Komlenic V. Multifactorial Analysis of Discoloration of Sculptable Universal Composites. 2019 **CED-IADR/NOF** Oral Health Research Congress, Madrid, Spain, September 19-21, 2019.
3. Stasic JN, Kuzmanovic Pfcier J, Milicic B, **Miletic V**. Effects of Nonthermal Atmospheric Plasma on Adhesive-Dentin Bond Strength: Meta-Analysis. 2019 **CED-IADR/NOF** Oral Health Research Congress, Madrid, Spain, September 19-21, 2019.
4. Komlenic V, Stasic JN, **Miletic V**. Effect of Preheating and Modelling Instrument Temperature on Composite Cooling. 2019 **CED-IADR/NOF** Oral Health Research Congress, Madrid, Spain, September 19-21, 2019.
5. **Miletic V**, Hickel R, Van Meerbeek V, Tarle Z. Bulk- Versus Layer-filled Class-II Restorations: 1-year 'CED-IADR' PBRN Clinical Study. 2018 **IADR** General Session, London, UK, July 25-28, 2018.
6. **Miletic V**, Peric D, Stasic J, Levic S, Ruzic J. Polymer and mechanical characteristics of bulk-fill, low-shrinkage and hybrid composites. J Dent Res 96 (Spec Iss B): 181 (CED-IADR), 2017. (www.iadr.com) **CED-IADR/NOF** Oral Health Research Congress, Vienna, Austria, September 21-23, 2017.
7. Komlenic V, Bajuk-Bogdanovic D, **Miletic V**. Conversion and Long-Term Bond Strength to Dentin of a Universal Adhesive. J Dent Res 96 (Spec Iss B): 268 (CED-IADR), 2017.

- (www.iadr.com) **CED-IADR/NOF** Oral Health Research Congress, Vienna, Austria, September 21-23, 2017.
8. Savic Stankovic T, Zivkovic M, Stasic J, Cabunac J, **Miletic V**. Effect of bleaching systems on composite bond strength to dentin. **FDI** Annual Dental Congress, Poznan, Poland, September 7-10, 2016.
 9. **Miletic V**, Manojlovic D, Milosevic M, Mitrovic N, Sudimac A, Supljeglav I. Are there differences in the performance of similar composites. J Dent Res 94 (Spec Iss B): 379 (CED-IADR), 2015 (www.iadr.org). 47th **CED-IADR** Conference, Antalya, Turkey, October 14-17, 2015. (meeting abstracts)
 10. Marjanovic J, Komlenic V, Manojlovic D, Trifkovic B, Jakovljevic N, **Miletic V**. Effect of enamel shade thickness and dentin shade base on optical properties of a BisGMA-based composite. J Dent Res 94 (Spec Iss B): 516 (CED-IADR), 2015 (www.iadr.org). 47th **CED-IADR** Conference, Antalya, Turkey, October 14-17, 2015 (meeting abstracts)
 11. Komlenic V, Marjanovic J, Trifkovic B, **Miletic V**. Effect of finishing, polishing and staining on esthetic properties of resin-based composites. J Dent Res 94 (Spec Iss B): 519 (CED-IADR), 2015 (www.iadr.org). 47th **CED-IADR** Conference, Antalya, Turkey, October 14-17, 2015 (meeting abstracts)
 12. Jakovljevic N, Manojlovic D, Marjanovic J, Dramicanin M, Rosic A, **Miletic V**. Color and translucency of composites related to the refractive indices of unfilled resins and filled polymer. J Dent Res 94 (Spec Iss B): 515 (CED-IADR), 2015 (www.iadr.org). 47th **CED-IADR** Conference, Antalya, Turkey, October 14-17, 2015. (meeting abstracts)
 13. Milanovic I, Dzeletovic B, **Miletic V**. Comparison of two push-out test methods in measuring bond strength of calcium-silicate-based endodontic sealers. 17th **ESE** Biennial Congress, Barcelona, Spain, 2015.
 14. Savic-Stankovic T, Manojlovic D, Lezaja M, Cvijovic-Alagic I, Milosevic M, Mitrovic N and **Miletic V**. Physical properties of a tricalcium silicate-based cement (Biodentine). J Dent Res 93(Spec Iss C):390 (**PER/IADR**), 2014 (www.iadr.org). **PER/IADR**, Dubrovnik, Croatia, 2014.
 15. Komlenic V, Tomic S, Milosevic M, Manojlovic D, **Miletic V**. Immediate microshear bond strength of a universal adhesive to dentin. J Dent Res 93(Spec Iss C):610 (**PER/IADR**), 2014 (www.iadr.org). **PER/IADR**, Dubrovnik, Croatia, 2014.
 16. Savic-Stankovic T, Manojlovic D, Lezaja M, Karadzic B, **Miletic V**. Clinical evaluation of post-restorative sensitivity associated with a new bioactive tricalcium silicate cement. 19th Congress of **BaSS**, Belgrade, Serbia, 2014.
 17. **Miletic V**, Pongprueksa P, De Munck J, Van Meerbeek B. Translucency, curing efficiency and hardness of bulk-fill composite. **CED/IADR**, Florence, Italy, 2013.
 18. **Miletic V**, Santini A. Curing efficiency of 2,4,6-trimethylbenzoyldiphenylphosphine oxide initiator in composite resins. J Dent Res 91(Spec Iss C):518 (DIV/PER), 2012 (www.dentalresearch.org). **PER/IADR**, Helsinki, Finland, 2012.
 19. Pongprueksa P, Miletic V, De Munck J, Van Meerbeek B. Adhesive monomer conversion on various substrates. J Dent Res 91(Spec Iss C):518 (DIV/PER), 2012 (www.dentalresearch.org). **PER/IADR**, Helsinki, Finland, 2012.
 20. **Miletic V**, Pongprueksa P, De Munck J, Van Meerbeek B. In situ polymerization of adhesives containing 2,4,6-trimethylbenzoyldiphenyl-phosphine oxide or camphorquinone-amine initiator system. **AODES** (Academy of Operative Dentistry - European Section), Leuven, Belgium, 2012.

21. Pongprueksa P, Miletic V, De Munck J, Van Meerbeek B. Adhesive monomer conversion on various substrates. **AODES** (Academy of Operative Dentistry - European Section), Leuven, Belgium, 2012.
22. Lucey S, Santini A, Anderson NH, Roebuck EM, Miletic V. The influence of TPO on the degree of conversion of resin-based composites. International Journal of Paediatric Dentistry, 22 (Suppl. 2): 2–3. Abstract presented at the BSPD Annual Meeting, Newcastle, UK, 2012.
23. Milosevic M, Mitrovic N, Sedmak A, Manojlovic D, Momcilovic N, **Miletic V**. Procedure development for standardized cavity preparation for in vitro research purposes. 2nd International Conference Manufacturing Engineering & Management (ICMEM), Prešov, Slovakia, 2012, p.109-112, ISBN: 978-80-553-1216-3
24. Milošević M, Mitrović N, Milić V, Manojlović D, Savić-Stanković T, Maneski T. Optimization of polymerization shrinkage analysis of dental composites using a 3d optical method in extracted teeth, *Fourteenth Annual Conference „Yucomat“*, Herceg Novi, Montenegro, 03-07.09.2012 Materials Research Society of Serbia, link: http://www.mrs-serbia.org.rs/conference_program2012.html str.118
25. **Miletic V**, Manojlovic D, Savic Stankovic T, Milosevic M, Mitrovic N. Digital image correlation study on polymerization shrinkage of resin-based composites. J Dent Res 90(Spec Iss B):314 (DIV/CED), 2011 (www.dentalresearch.org). **IADR/CED**, Budapest, Hungary, 2011.
26. **Miletic V**, Santini A. Effect of preparation and storage on adhesive monomer conversion. **IADR/AADR**, Barcelona, Spain, 2010.
27. **Miletic V**, Manojlović D, Radišić M., Veljović Dj, Janakčović Dj, Savić-Stanković T, Laušević M. Monomer elution from experimental composites with hydroxyapatite fillers, *Thirteenth Annual Conference „Yucomat“*, Herceg Novi, Montenegro, 05.-09.09.2011., link: <http://www.mrs-serbia.org.rs/firstannouncement11.html>, p.167
28. Manojlović D, Radišić M, Vasiljević T, Živković S, Laušević M, **Miletic V**. Elution rate of monomers from resin-based composites cured with a halogen light-curing unit, **YUCOMAT**, Herceg Novi, Montenegro, 2010.
29. Manojlović D, Miletic V, Milošević M, Mitrović N, Džindo E, Sedmak A. Non-contact optical 3D deformation measurement of polymerization shrinkage of resin-based composites using digital image correlation. **YUCOMAT**, Herceg Novi, Montenegro, 2010.
30. **Miletic V**, Ergic A, Nedeljkovic D, Kojic D, Grga Dj, Koruga Dj. Surface characterization of resin-based composites using atomic force microscopy. **CED-IADR**, Munich, Germany, 2009.
31. **Miletic V**, Santini A. The ratio of carbon-carbon double bonds in different BisGMA/HEMA mixtures. A study using micro-Raman spectroscopy. **BSDR**, Glasgow, UK, 2009.
32. **V.J. Miletic**, A. Santini, V. Ivanovic, R. Ibbetson. Degree of conversion of adhesives related to different curing times. Oral presentation. **PEF IADR**, London, UK, 2008.
33. A. Santini, V.J. Miletic, R. Ibbetson, V. Ivanovic. SEM characterization of Filtek Silorane Adhesive-Dentine Interface . **PEF IADR**, London, UK, 2008.
34. E. Krsljak, V. Miletic, Đ. Grga, J. Roganovic, D. Stojic. Pulpal and Gingival Blood Flow in Diabetic Type I Patients. **PEF IADR**, London, UK, 2008.
35. **Miletic V**, Grga Dj, Ostojic D, Savic T. Quality of obturation during endodontic treatment at undergraduate studies. **ESE**, Athens, Greece, 2003.
36. Krsljak E, Grga Dj, Miletic V, Bosnjak I. Laser Doppler perfusion monitoring (LDPM) in human dental pulp. 13th Congress of Bass, Limasol, Cyprus, 2008.

37. **Miletic V**, Santini A, Ivanovic V. Tooth temperature changes during thermal stress in vitro. 12th Congress of BaSS, Istanbul, Turkey, 2007.
38. **Miletic V**, Aleksendric D, Grga Dj. Finite element analysis of the impact of parafunctional occlusal forces on intact and restored teeth. Oral presentation; 11th Congress of BaSS, Sarajevo, Bosnia, 2006. (I Award)
39. Jelic M, **Miletic V**. Coronal microleakage of three Ca-hydroxide sealers – dye penetration test. 11th Congress of BaSS, Sarajevo, Bosnia, 2006.
40. **Miletic V**, Ilic D. Radiovisiography in dental practice. 10th Congress of BaSS, Belgrade, Serbia 2005., Serbian Dental Journal 2005; 52 (Suppl. 1): 47.
41. **Miletic V**, Aleksendric D, Grga Dj. The effects of occlusal loading on intact and restored tooth – FEM study. Oral presentation; 10th Congress of BaSS, Belgrade, Serbia, 2005., Balkan Journal of Stomatology 2005; 9 (Suppl. 1): 23.
42. **Miletic V**, Aleksendric D, Grga Dj. Analysis of the use of finite element method in endodontics. Oral presentation; 9th Congress of Bass, Ohrid, Macedonia, 2004.
43. Savic T, Ristic N, **Miletic V**. What a dentist needs to know about bleaching – Review. 9th Congress of Bass, Ohrid, Macedonia, 2004.
44. Grga D, **Miletic V**. Information technology among senior dental students. Oral presentation; 9th Congress of Bass, Ohrid, Macedonia, 2004.
45. Živković S, Miletić V, Brkanić T. Endodontic retreatment – diagnosis and indications. 7th Congress of BaSS, Kusadasi, Turkey, 2002.

National conferences (M64)

46. Stašić J, Selaković N, Miletić M, Puač N, **Miletić V**. Uticaj niskotemperaturne atomsferske plazme na površinska svojstva dentina, 16. Congress of Serbian dentists, Belgrade, 2017
47. Manojlović D, Miletić V, Živković S. Effect of light sources on monomer elution from composite materials. I Congress of Serbian dentists, Belgrade, 2010

TEACHING ACTIVITIES

The University of Sydney, Faculty of Medicine and Health, Sydney Dental School

Doctor of Dental Medicine (DMD) Program

1. **Tooth Conservation DMD1 / DMD2 / DMD3 / DMD4**

Bachelor of Oral Health (BOH) Program

1. **Tooth Conservation BOH1 / BOH2**

University of Belgrade School of Dental Medicine

UNDERGRADUATE TEACHING

- 1. Preclinical restorative dentistry**
- 2. Clinical restorative dentistry**
- 3. Preclinical endodontics**
- 4. Clinical endodontics**

Specific lecture topics

- 5. Dental adhesives: classification and properties**
- 6. Adhesives cements and techniques**
- 7. Dental composites: classification and properties**
- 8. Dental composites: clinical application**
- 9. Polymerization of resin-based materials, curing lights**
- 10. Material selection in restorative dentistry**
- 11. Management of deep caries lesions**
- 12. Restoration of endodontically treated teeth**

POSTGRADUATE TEACHING

- 13. Restorative dentistry and endodontics specialist program**
- 14. PhD program**

Specific lecture topics

- 15. Pulpal and periapical disease**
- 16. Original research article**
- 17. Uniform requirements for manuscripts (ICMJE)**
- 18. Literature search**
- 19. Evaluation of research sources**
- 20. Managing references**
- 21. Research methodology: defining research aims and hypotheses**

TEXTBOOKS

Miletic V. E-učenje (E-learning). IN: Application of Digital Technologies in Dentistry. Editors: Todorovic A and Trifkovic B. Publisher: School of Dental Medicine, University of Belgrade, Belgrade 2022. ISBN 978-86-80953-72-4

Vesna Miletic, Jugoslav Ilic and Branislav Karadzic. Osnovi restaurativne odontologije za dentalne asistente (Fundamentals of restorative odontology for dental assistants), 1st edition. University of Belgrade School of Dental Medicine, Belgrade, 2017. ISBN: 978-86-6259-061-9 eBook

Translation of three chapters in a textbook

Textbook of endodontology, second edition. Bergenholtz G, Horsted-Bindslev P, Reit C. Blackwell Publishing Ltd, 2010. Serbian edition, OrionArt, Beograd, 2011. ISBN 978-86-83305-62-9.

SUPERVISED PhD THESES

1. Dragica Manojlović - Physical, aesthetic and biological properties of experimental composite materials, University of Belgrade, 2014.
2. Tatjana Savić-Stanković - Analysis of a tricalcium silicate cement (Biodentin) as a dentin substitute under composite restorations in posterior teeth, University of Belgrade, 2014.
3. Maja Ležaja - Composites and adhesives with synthetic hydroxyapatite fillers and hydroxyapatite inserts: investigation of mechanical properties and quality of adhesive bonding, University of Belgrade, 2015.
4. Dejan Perić - Comparative analysis of physical properties and adhesive bonding to dental tissues of "bulk-fill" and universal composites. University of Pristina (Kosovska Mitrovica), 2017.
5. Jovana Marjanović - Characteristics of dental composites and dentin restoratives relevant for optical properties of the final restoration, University of Belgrade, 2018.
6. Jovana Stašić - Effect of non-thermal atmospheric plasma on surface properties of dentin and its interaction with universal adhesives. University of Belgrade, 2020.
7. Ivana Milanović – Physicochemical properties and push-out bond strength to root canal dentin of calcium-silicate based sealers, University of Belgrade. University of Belgrade, 2021.
8. Vojislav Komlenić – Effects of variations in clinical application of adhesives and composites on the quality of polymerization and bonding to tooth tissues, University of Belgrade, 2022

Reviewer on PhD Review Board

Dejan Perić. Comparative analysis of physical properties and adhesive bonding to dental tissues of "bulk-fill" and universal composites. University of Pristina (Kosovska Mitrovica), School of Medicine 2017.

Giume Khalifa Ayoub. Procesiranje, svojstva i primena dentalnih inserata na bazi kalcijum-fosfata i cirkonijum(IV)-oksida“ (The processing, properties and application of dental inserts

based on calcium phosphates and zirconia), University of Belgrade, Faculty of Technology and Metallurgy, 2022.

CONTINUING PROFESSIONAL EDUCATION PROGRAMS

1. 1st Symposium in Restorative Dentistry "Challenges in contemporary restorative dentistry". Program director and lecturer. Belgrade 2017. Registered with the Ministry of Health, B-981/17-II.
2. Rubberdam application and restoration of posterior teeth with composite fillings - hands-on course. Program director and lecturer. Belgrade 2017. Registered with the Ministry of Health, B-980/17-II.
3. Preparation and application of rubberdam - the role of the dental nurse. Program director and lecturer. Belgrade 2017. Registered with the Ministry of Health, B-923/16-II.
4. Program "Research methodology in dentistry" PROMETIS. Program director and lecturer. Belgrade 2010. Registered with the Ministry of Health, B-III-11/10.

- Attended numerous hands-on courses nationally and internationally in minimally invasive dentistry, esthetic dentistry, rotary NiTi endodontic instrumentation

SUPERVISED STUDENTS' RESEARCH PROJECTS

1. Clinical detection of carious dentine. 45th Congress of Medical and Dental Students in Budva, Serbia and Montenegro, 2004.
2. Evaluation of coronal microleakage of two Ca-hydroxide sealers using dye penetration test. 46th Congress of Medical and Dental Students in Kotor, Serbia and Montenegro, 2005. Awarded study.
3. Temperature changes during cavity preparation. 48th Congress of Medical and Dental Students, Kopaonik, Serbia, 2007.
4. **Temperature changes in silorane-, ormocer- and dimethacrylate-based composites and pulp chamber roof during light-curing.** V.Miletic, V. Ivanovic, B. Dzeletovic, M. Lezaja. Published in J Esthetic and Rest Dent. 2009;21:122-131.
5. **Surface characterization of resin-based composites using atomic force microscopy. Presented at PEF IADR, Germany, 2009.**
6. **Water sorption and solubility of experimental resin composites. 52nd Congress of Medical and Dental Students of Serbia, 2011. Awarded study. University of Belgrade Award for Best Students' Research Project in Biomedical Sciences (2012).**
7. Effect of material type and surface preparation on the bond strength of glass-ionomers to composite. 54th Congress of Medical and Dental Students, Serbia, 2013.
8. Bond strength of glass-ionomers to dentine at the root canal orifice of endodontically treated teeth. 54th Congress of Medical and Dental Students, Serbia, 2013.
9. Dimensional stability of composite materials. 55th Congress of Students of Biomedical Sciences, Vrnjacka Banja, Serbia, 2014.
10. Effect of polishing on gloss of resin-based composites. 56th Congress of Students of Biomedical Sciences, Vrnjacka Banja, Serbia, 2015.
11. Effect of light source on the depth of cure of a light-cured composite. 56th Congress of Students of Biomedical Sciences, Vrnjacka Banja, Serbia, 2015.

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| 12. Quantification of fluoride release from conventional, resin-modified and hybrid glass-ionomer cements. 58th Congress of students of Biomedical Sciences, Kopaonik, Serbia, 2017. |
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