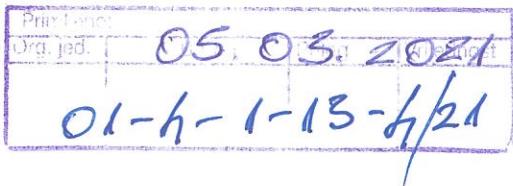


UNIVERZITET U SARAJEVU

STOMATOLOŠKI FAKULTET SA KLINIKAMA

SARAJEVO, 05.03.2021. godine

UNIVERZITET U SARAJEVU
JAVNA USTANOVNA STOMATOLOŠKI FAKULTET SA KLINIKAMA
SARAJEVO



NAUČNO-NASTAVNOM VIJEĆU STOMATOLOŠKOG FAKULTETA

Na osnovu odredbi Zakona o visokom obrazovanju ("Službene novine Kantona Sarajevo" broj:33/17), Odluke Nastavno-naučnog vijeća Stomatološkog fakulteta sa klinikama u Sarajevu broj:01-4-2-48-7/2020 od 17.12.2020. godine i Saglasnosti Senata Univerziteta u Sarajevu broj 01-1-56/21 od 27.01.2021. godine raspisan je Konkurs za izbor (napredovanje) akademskog osoblja u zvanju vanredni profesor za nastavno naučnu oblast MORFOLOGIJA ZUBA SA DENTALNOM ANTROPOLOGIJOM I FORENZIKOM. Konkurs je objavljen u dnevnom listu "Dnevni avaz" dana 04.02.2021. i na web stranici www.sf.unsa.ba. Stomatološkog fakulteta.

Odlukom Nastavno-naučnog vijeća broj: 01-4-2-10-6/2021 od 24.02.2021. godine imenovana je Komisija za pripremanje prijedloga za izbor jednog nastavnika u zvanje vanrednog profesora za oblast **Morfologija zuba sa dentalnom antropologijom i forenzikom**, u sastavu:

- Prof. dr Amra Ahmić, redovni profesor, naučna oblast Morfologija zuba sa dentalnom antropologijom i forenzikom, Stomatološki fakultet Univerziteta u Sarajevu, predsjednik
- Prof. dr Selma Zukić, vanredni profesor, naučna oblast Morfologija zuba sa dentalnom antropologijom i forenzikom, Stomatološki fakultet Univerziteta u Sarajevu, član
- Prof. dr Irmina Tahmišćija, vanredni profesor, naučna oblast Dentalna patologija sa endodoncijom, Stomatološki fakultet Univerziteta u Sarajevu, član

Nakon uvida u dokumentaciju pristiglu na Konkurs, Komisija za izbor Nastavno-naučnom vijeću Stomatološkog fakulteta sa klinikama u Sarajevu podnosi sljedeći

IZVJEŠTAJ

Dana 04.02.2021. god., objavljen je konkurs u dnevnom listu „Dnevni Avaz“ i na web stranici Stomatološkog fakulteta www.sf.unsa.ba. Na konkurs se, u zakonskom roku, prijavila jedna kandidatkinja i to Docent dr Anita Bajsman za zvanje vanrednog profesora za nastavno naučnu oblast Morfologija zuba sa dentalnom antropologijom i forenzikom. Kandidatkinja je uz prijavu na konkurs priložila svu potrebnu dokumentaciju o ispunjavanju uslova za izbor u nastavno-naučno zvanje za koje se prijavila. U narednom dijelu izvještaja navode se dijelovi biografije i bibliografije kandidatkinje.

Biografija kandidatkinje

Obrazovanje:

- 1993. godine – završila I gimnaziju
- 2001. godine – diplomirala na Stomatološkom fakultetu Univerziteta u Sarajevu /prosječna ocjena 8,98/
- 2001. godine – upisala postdiplomski studij pod nazivom „Osnovi naučno-istraživačkog rada u stomatologiji“ na Stomatološkom fakultetu Univerziteta u Sarajevu, i položila sve programom predviđene ispite /prosječna ocjena 10,0/
- 2006. godine 1 mjesec studijski boravila na Institutu za analitičku hemiju Univerziteta Karl-Franzens u Grazu, Austrija
- 2008. godine – na Stomatološkom fakultetu Univerziteta u Sarajevu odbranila magistarski rad pod nazivom „Kvalitativna i kvantitativna in vitro analiza korozionog ponašanja dentalnih amalgama“
- 2009. godine – položila specijalistički ispit iz Bolesti zuba i endodoncije
- 2013. godine – na Stomatološkom fakultetu Univerziteta u Sarajevu odbranila disertaciju pod nazivom „Klinička evaluacija parametara Univerzalnog vizuelnog skoring sistema (UniViSS) za detekciju okluzalnog karijesa u kombinaciji sa laserskom fluorescencijom i radioviziografijom“

Radno iskustvo:

- 2001. – 2002. godine – demonstrator na Katedri za oralnu medicinu i parodontologiju
- 2003. godine – asistent na Katedri za pretkliničku stomatologiju
- 2008. godine – viši asistent na Katedri za pretkliničku stomatologiju, odnosno Katedri z morfologiju zuba sa dentalnom antropologijom i forenzikom
- 2014. godine – docent na Katedri za morfologiju zuba sa dentalnom antropologijom i forenzikom

Članstva u organizacijama:

- Stomatološka komora Kantona Sarajevo
- Udruženje stomatologa FBiH (USFBiH)
- Sekcija specijalista bolesti zuba i endodoncije USFBiH
- Međunarodna organizacija paleodontologa (IAPO)

Kongresi (aktivno učešće), stručni skupovi i savjetovanja

- 2003. godine – II stomatološki dani Bosne i Hercegovine sa međunarodnim učešćem, Sarajevo, BiH
- 2003. godine – III internacionalni kongres hrvatskih stomatologa, Zagreb, Hrvatska
- 2003. godine – V stručni sastanak Sekcije za dječiju i preventivnu stomatologiju Udruženja stomatologa BiH, Fojnica, BiH
- 2004. godine – Simpozij „Kongenitalne anomalije“ ANU BiH, Sarajevo, BiH
- 2005. godine – VI stručni sastanak Sekcije za dječiju i preventivnu stomatologiju Udruženja stomatologa BiH, Fojnica, BiH

- 2005. godine – Radionica „Uspješna uloga asistenta u univerzitetskoj nastavi“ u organizaciji American Councils for international education, Prirodno-matematskog fakulteta Univerziteta u Sarajevu, Američke ambasade u Sarajevu, Sarajevo, BiH
- 2005. godine – X Congress of the Balkan Stomatological Society, Beograd, Srbija i Crna Gora
- 2006. godine – II BH simpozij „Morfologija u nauci i praksi“ sa međunarodnim učešćem, Sarajevo, BiH
- 2006. godine – VII stručni sastanak Sekcije za dječiju i preventivnu stomatologiju Udruženja stomatologa BiH, Fojnica, BiH
- 2007. godine – Savjetovanje „Reforma visokog obrazovanja i implementacija Bolonjskog procesa na Univerzitetu u Sarajevu“, Sarajevo, BiH
- 2007. godine – Predavanja „Kompozitne restauracije endodontski tretiranih zuba“ – USBiH, Sarajevo, BiH
- 2007. godine – Kurs „Bioaesthetic integration in composite resin restorations: procedures and innovative materials“ – Gruppo Micerium, Sarajevo, BiH
- 2007. godine – XII Congress of the Balkan Stomatological Society, Istanbul, Turska
- 2007. godine – Međunarodni kurs „Identifikacija žrtava iz masovnih grobnica na području bivše Jugoslavije“ – Zagreb, Beograd, Sarajevo
- 2007. godine – Edukacija „Osnovni funkcionalni i visoki estetski tretmani – gdje su kompromisi – gdje su rješenja“ – KLDS, Sarajevo, BiH
- 2008. godine – II Savjetovanje „Reforma visokog obrazovanja i implementacija Bolonjskog procesa na Univerzitetu u Sarajevu“, Sarajevo, BiH
- 2008. godine - 12th International Congress on Electroanalysis, ESEAC, Prag, Češka
- 2008. godine – IV Međunarodni kongres Hrvatskog stomatološkog društva Hrvatskog liječničkog zbora, Zagreb, Hrvatska
- 2009. godine – II simpozij iz opće stomatologije sa međunarodnim učešćem, Neum, BiH
- 2009. godine – III Savjetovanje Reforma visokog obrazovanja i implementacija Bolonjskog procesa na Univerzitetu u Sarajevu“, Sarajevo, BiH
- 2009. godine - 2. Međunarodni kongres novih tehnologija u stomatologiji: suvremena stomatologija i protetski postupci, Sarajevo, 2009.
- 2010. godine – III simpozij iz opće stomatologije sa međunarodnim učešćem, Fojnica, BiH
- 2010. godine – IV savjetovanje Reforma visokog obrazovanja „Razvoj sistema upravljanja kvalitetom u visokom obrazovanju“, Sarajevo, BiH
- 2011. godine – III kongres stomatologa Bosne i Hercegovine sa međunarodnim učešćem i IV simpozij iz opće stomatologije, Brčko, BiH
- 2011. godine – V savjetovanje Reforma visokog obrazovanja „Daljnji trendovi reforme visokog obrazovanja po bolonjskim principima“, Sarajevo, BiH
- 2011. godine – IV kongres Udruženja gastroenterologa Bosne i Hercegovine sa međunarodnim učešćem i I kongres kliničke nutriciologije Bosne i Hercegovine, Sarajevo, BiH
- 2011. godine – kurs mašinske endodoncije „RECIPROC sistem“ u organizaciji Stomatološkog fakulteta u Sarajevu i firme „Adriadent“
- 2012. godine – V simpozij iz opće stomatologije sa međunarodnim učešćem, Konjic, BiH
- 2012. godine – Drugi sarajevski dani psihologije, Sarajevo, BiH
- 2012. godine – 21st International Meeting on Forensic Medicine „Alpe-Adria-Pannonia“, Sarajevo, BiH
- 2012. godine - 22nd Congress of the International Academy of Legal Medicine, Istanbul, Turska.
- 2012. godina - Četvrti simpozij „Morfologija u nauci i praksi“, Sarajevo, BiH.
- 2013. godine - VI simpozij iz opće stomatologije sa međunarodnim učešćem, Konjic, BiH

- 2013. godine – kurs „Prezentacija i klinička primjena Elexion AG lasera”, u organizaciji Komore liječnika – doktora stomatologije, zubnih tehničara i stomatoloških sestara Kantona Sarajevo
- 2013. godine – kurs „Primjena Sidexis XG CBCT sistema digitalne radiografije”, u organizaciji Stomatološkog fakulteta Univerziteta u Sarajevu i kompanije „Interdent”
- 2014. godine - VII simpozij iz opće stomatologije sa međunarodnim učešćem, Sarajevo, BiH

Nakon izbora u zvanje docent:

- 2014. godine – 16th International Symposium on Dental Morphology and 1st Congress of the International Association for Paleodontontology, Zagreb, Croatia
- 2015. godine - VIII simpozij iz opće stomatologije sa međunarodnim učešćem, Fojnica, BiH
- 2015. godine – Workshop - AgEstimation project: age diagnosisand age-related topics both in subadult and adult subjects, applied to forensic and anthropoloigical human samples, Sarajevo, BiH
- 2016. godine – 2. međunarodni kongres Stomatološkog fakulteta Sveučilišta u Zagrebu i Academy of Operative Dentistry, Zagreb, Hrvatska
- 2016. godine - IX simpozij iz opće stomatologije sa međunarodnim učešćem, Fojnica, BiH
- 2016. godine – International Dental Anthropology Scientific Symposium, Zagreb, Hrvatska
- 2017. godine – Tečaj ospozobljavanja za primjenu inhalacijske sedacije dušičnim oksidulom i kisikom, Sarajevo, BiH
- 2017. godine -X međunarodni stomatološki simpozij, Mostar BiH
- 2018. godine – V kongres stomatologa Bosne i Hercegovine sa međunarodnim učešćem, Teslić, BiH

Naučno-istraživački projekti

- „In vitro evaluacija elektrohemiske korozije dentalnih amalgama i procjena njenog utjecaja na zdravje čovjeka“– projekat finansiran od strane Ministarstva obrazovanja i nauke Kantona Sarajevo i realiziran u saradnji sa Univerzitetom Karl-Franzens, Graz, Austrija, i Prirodno-matematičkim fakultetom Univerziteta u Sarajevu
- „In vitro analiza promjene boje tvrdih zubnih tkiva tokom vremena“ – projekat podržan od strane Federalnog ministarstva obrazovanja i nauke.

Nakon izbora u zvanje docent:

- Istraživač na projektu „Prevalenca anomalija oblika, strukture, veličine i položaja zuba kod populacije od 20-44 godine u Bosni i Hercegovini“- projekat uspješno okončan, uz usvojen izvještaj o projektu na Naučno-nastavnom vijeću stomatološkog fakulteta sa klinikama UNSA i objavljen rad dobijenih rezultata projekta u časopisu koji prati relevantna međunarodna baza podataka.

Stručni projekti

- Učesnik projekta obilježavanja Dana oralnog zdravlja pod nazivom „Dobro oralno zdravje za vaše dobro“, podržanog od Federalnog ministarstva zdravlja

Udžbenici

Vuković A, Zukić S, Bajsman A, Selmanagić A. Osnovi morfologije zuba i dentane antropologije. Sarajevo: Univerzitet u Sarajevu, Stomatološki fakultet; 2013. ISBN 978-9958-9051-4-8 COBISS.BH-ID 20782086

Nakon izbora u zvanje docent:

Ahmić A, Zukić S, Bajsman A, Jakupović S, Šečić S, Gavranović-Glamoč A. Uvod u stomatologiju s historijom i etikom. Sarajevo: Stomatološki fakultet Univerziteta u Sarajevu; 2018. ISBN 978-9926-461-00-3 COBISS.BH-ID 26454022

Predavanja po pozivu

- 2015. godine - predavač na seminaru „Metode dijagnostike karijesa; Savremene dileme o biokompatibilnosti dentalnih amalgama“ u organizaciji Stomatološke komore Kantona Sarajevo
- 2016. godine – predavač na seminaru „Dijagnoza incipijentnog karijesa“ u organizaciji Stomatološke komore Kantona Sarajevo

Mentorstva:

Mentor 10 završnih radova na integriranom studiju Stomatološkog fakulteta Univerziteta u Sarajevu:

1. Dženan Palo - „Inicijalne reakcije pulpo-dentinskog kompleksa na terapijske procedure“
2. Aida Haračić – „Uticaj okluzalne morfologije na radiografsku evaluaciju propagacije karijesa“
3. Lejla Tursić – „Makroanatomske i mikroanatomske specifičnosti mlijekočih zuba“
4. Ademir Karić – „Dijagnoza karijesa – pomoćne metode, prednosti, nedostaci i dileme“
5. Šejla Čaušević – „Odontometrijska analiza maksilarnih molara“
6. Ajla Hodžić – „Tkiva zubnog organa i savremeni restaurativni materijali – dileme i izazovi“
7. Aida Grgić – „Nekarijesne cervikalne lezije – patohistološki i patofiziološki aspekti“
8. Dario Puljić – „Morfologija okluzalne površine – klinički izazovi u dijagnozi karijesa“
9. Amila Harčinović – „Vizuelni sistemi za detekciju karijesa okluzalnih i glatkih površina – klinički izazovi i dileme“
10. Hasib Huskić – „Komparativna odontografija“

Poznavanje stranih jezika i rad na računaru:

- Aktivno znanje engleskog jezika
- Poznavanje osnovnih računarskih programa (Microsoft Office paket)

Ostalo

- Član Organizacionog odbora VIII simpozija iz opće stomatologije sa međunarodnim učešćem

BIBLIOGRAFIJA

Univerzitetski udžbenik:

Vuković A, Zukić S, Bajsman A, Selmanagić A. Osnovi morfologije zuba i dentane antropologije. Sarajevo: Univerzitet u Sarajevu, Stomatološki fakultet; 2013.

Nakon izbora u zvanje docent:

1. Ahmić A, Zukić S, Bajsman A, Jakupović S, Šećić S, Gavranović-Glamoč A. Uvod u stomatologiju sa historijom i etikom. Sarajevo: Univerzitet u Sarajevu, Stomatološki fakultet; 2018. ISBN 978-9926-461-01-0 COBIS.BH-ID2645427

Objavljeni radovi u priznatim publikacijama:

1. Konjhodžić H, Vuković A, Zukić S, Bajsman A, Prcić A. Dental anomalies among students of Faculty of Dentistry, University of Sarajevo, Acta Medica Academica 2006;35(1):23-29. Indeksiran u: Medline/PubMed, EBSCOhost, IndexCopernicus, CAB Abstract / Global, Health Databases, IndexScholar, DOAJ, CrossRef
2. Vuković A, Bajsman A, Zukić S. Etičke dileme u stomatološkoj praksi. Bilten Stomatologija BiH, 2007;26(9):29-32. Indeksiran u: IndexCopernicus
3. Konjhodžić-Raščić H, Kobašlija S, Gojkov T, Huseinbegović A, Selimović-Dragaš M, et al. Reforma nastavnog plana na Stomatološkom fakultetu u skladu sa principima Bolonjske deklaracije. U: Univerzitet u Sarajevu. Zbornik radova. II Savjetovanje Reforma visokog obrazovanja i primjena Bolonjskih principa na Univerzitetu u Sarajevu, 2008 apr. 11-12; Sarajevo, 2008:109-113. Indeksiran u: C.E.E.O.L međunarodnoj bazi podataka, COBISS.BH-ID 19283718. ISBN978-9958-600-27-2
4. Konjhodžić H, Vuković A, Selmanagić A, Zukić S, Bajsman A. BIOETIKA-most prema budućnosti. Medicinar 2009 (11-12):103-104.
5. Vukovic A, Bajsman A, Zukić S, Šećić S. Cosmetic dentistry in ancient times - a short review. Bull Int Assoc Paleodont 2009;3(2):9-13. Indeksiran u: Genamics JournalSeek, Hrcak, ICMJE (Comitee of Medical Journal Editors)
6. Konjhodžić-Raščić H, Prohić S, Bajsman A. Neki od problema sa konjima se susreće JU Stomatološki fakultet sa klinikama u primjeni integrisanog studija. U: Univerzitet u Sarajevu. Zbornik radova. IV Savjetovanje Reforma visokog obrazovanja „Razvoj sistema upravljanja kvalitetom u visokom obrazovanju“;2010 apr. 16-17; Sarajevo, 2010:159-163. Indeksiran u: C.E.E.O.L međunarodnoj bazi podataka, COBISS.BH-ID 19283718. ISBN978-9958-600-27-2
7. Zukić S, Vuković A, Bajsman A, Jakupović V, Gavranović-Glamoč A. Dental Age Estimation by Means of Video Spectral Comparator. Acta Informatica Medica- Journal of Academy of Medical Sciences of Bosnia and Herzegovina 2010;18(2):83-87. Indeksiran u: PubMed, PubMed Central, SCOPUS, EMBASE, EBSCO, DOAJ, Index Copernicus, Ulrich's Periodicals

- Directory, Geneva Foundation for Medical Education and Research - GFMER, CAB abstracts, Global Health, HINARI, NewJour, ISC Master Journals List, Genamics JournalSeek, WorldCat, NLM Catalog, VINITI of RAS, CrossRef, Google Scholar, Catalyst, DynaPresse, GESDAV, Kubon and Sagner OPAC
8. Vuković A, Jakupović S, Zukić S, Šečić S, Bajsman A. Computer Aided Photogrammetry for Evaluation of Facial and Dental Symmetry. *Acta Informatica Medica - Journal of Academy of Medical Sciences of Bosnia and Herzegovina* 2010;18(2):87-90. Indeksiran u: PubMed, PubMed Central, SCOPUS, EMBASE, EBSCO, DOAJ, Index Copernicus, Ulrich's Periodicals Directory, Geneva Foundation for Medical Education and Research - GFMER, CAB abstracts, Global Health, HINARI, NewJour, ISC Master Journals List, Genamics JournalSeek, WorldCat, NLM Catalog, VINITI of RAS, CrossRef, Google Scholar, Catalyst, DynaPresse, GESDAV, Kubon and Sagner OPAC
 9. Bajsman A, Vuković A, Zukić S, Jakupović S. Dental Amalgam: Do We Have Enough Proves "pro" et "contra. *Materia Socio Medica- Journal of Academy of Medical Sciences of Bosnia and Herzegovina* 2010; 22(4):222-228. Indeksiran u: PubMed, PubMed Central, SCOPUS, EBSCO, Index Copernicus, Ulrich's Periodicals Directory, Geneva Foundation for Medical Education and Research – GFMER, HINARI, NewJour, ISC Master Journals List, CrossRef, Google Scholar, Genamics JournalSeek, WorldCat, NLM Catalog, VINITI of RAS, Catalyst, SafetyLit, EastView, GESDAV
 10. Jakupović S, Vuković A, Korać S, Tahmišćija I, Bajsman A. The Prevalence, Distribution and Expression of Noncarious Cervical Lesions (NCCL) in Permanent Dentition. *Materia Socio Medica – Journal of Academy of Medical Sciences of Bosnia and Herzegovina* 2010;22:200-204. Indeksiran u: PubMed, PubMed Central, SCOPUS, EBSCO, Index Copernicus, Ulrich's Periodicals Directory, Geneva Foundation for Medical Education and Research – GFMER, HINARI, NewJour, ISC Master Journals List, CrossRef, Google Scholar, Genamics JournalSeek, WorldCat, NLM Catalog, VINITI of RAS, Catalyst, SafetyLit, EastView, GESDAV
 11. Vuković A, Zukić S, Bajsman A, Šečić S, Mutilacije i dekoracije zuba kao historijski svjedoci kultura i civilizacija, *Bilten Stomatologija BiH (BISBIH)*, 2011, 38/39(13): 60-8. Indeksiran u : Index Copernicus
 12. Redžepagić S, Šečić S, Zukić S, Bajsman A. Bolonjski proces na JU Stomatološki fakultet sa klinikama - dobre i loše strane. U: Univerzitet u Sarajevu. Zbornik radova. V Savjetovanje Reforma visokog obrazovanja „Dalji trendovi reforme visokog obrazovanja po bolonjskim principima“, 2011 apr. 14-15; Sarajevo, 2011:123-128. Indeksiran u: C.E.E.O.L međunarodnoj bazi podataka, COBISS.BH-ID 19283718. ISBN978-9958-600-27-2
 13. Dožić A, Zukanović A, Bajsman A, Šečić S, Petaros A. Spectrophotometric Evaluation of Color Alterations of Teeth Exposed to Different Conditions in Time. *Acta Stomatologica Croatica* 2011;45(4):247-257. Indeksiran u: IndexCopernicus, Directory of Open Acces Journals, EBSCO, SCOPUS
 14. Kahrović E, Turkušić E, Ljubijankić N, Dehari S, Dehari D, Bajsman A. A New Ruthenium Complexes Wuth Schiff Bases s Mediators For the Low Potential Amperometric Determination of Ascorbic Acid, Part I: Voltametric and Amperometric Evidence of Mediation With Tetraethylamonium dichloro-bis[N-phenyl-5-chloro-salicylideneiminato-N,O]ruthenat (III). *HealthMed* 2012;6(2):699-702. Indeksiran u: Thomson Reuters, ISI Web of Science, SCOPUS, EBSCO, IndexCopernicus
 15. Bajsman A, Vuković A, Zukić S. Analiza elektrohemijiskog ponašanja dentalnih amalgama u četiri otopine primjenom ciklične voltametrije. *Stomatološki vjesnik* 2012;1:9-16. Indeksiran u: IndexCopernicus, DOAJ, Elektronische Zeitschriftenbibliothek
 16. Smajkić N, Vuković A, Zukić S, Bajsman A, Mucić F. The Clinical Survival Rate of the FRC Inlays Prosthetic Restorations In the Evaluation Period of Seven Years. *Journal of Intersdisciplinary Dentistry* 2012;2:174-178. Indeksiran u: Caspur, CNKI (China National Knowledge Infrastructure), DOAJ, EBSCO Publishing's Electronic Databases, Expanded Academic ASAP, Genamics JournalSeek, Google Scholar, Health & Wellness Research Center, Health

Reference Center Academic, Hinari, Index Copernicus, Indian Science Abstracts, National Science Library, OpenJGate, PrimoCentral, ProQuest, SCOPUS, SIIC databases, Summon by Serial Solutions and Ulrich's International Periodical Directory

17. Zukić S, Vuković A, Bajsman A. Influence of the Sex on the Dental Age Estimation in Adults. Stomatološki vjesnik 2013;2(2):89-97. Indeksiran u: IndexCopernicus, DOAJ, Elektronische Zeitschriftenbibliothek

Nakon izbora u zvanje docent (8):

1. Bajsman A, Turkušić E, Vuković A, Zukić S, Zukanović A, Kahrović E. Analysis of Metals Released From Dental Amalgam Alloy Using Inductively Coupled Plasma-Mass Spectrometry. Stomatološki vjesnik 2014; 3 (1) 17-25

Indeksiran u EBSCO; ICI (Index Copernicus International), DOAJ (Directory of Open Access Journal), EZB (Electronishe Zeitschriftenbibliothek), AE GLOBAL INDEX, BASE, CITEFACTOR, DRJI ORG, GOOGLE SCHOLAR, HINARI, INFOBASE, ONE SEARCH, PUBGET, RESEARCH BIBLE, SIS, SJIF

2. Zukic S, Zukanovic A , Bajsman A, Vukovic A. Comparasion of Five Dental Age Estimation Methods- Study on Independent Bosnian Samples. Journal Indo-Pacific Academy of Forensic Odontology Vol. 5, No. 2, July-Dec.-2014:22-30

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Abstract: Dental amalgam is a restorative material used in dentistry from the very beginning. The basic chemical compounds of dental amalgam alloy are silver, tin and mercury. In spite of the fact that the interest or the esthetic restorative materials grow all over the world, amalgam is still the most used material. The fact that one of the main components of dental amalgam is elemental mercury causes concern of patients as well as some governmental agencies in a number of the world countries.

Aim of this paper is to analyze quantity of metals released from four dental amalgams in artificial saliva solution in vitro, and to estimate possible effects of those metals on health of patients with dental amalgam fillings.

Material and method: Experimental material is presented by four dental amalgams that differ in percentage of metals in preamalgamated alloy. Electrodes were made of those amalgams and immersed in artificial saliva solution (Duffo, Quezzada Castillo), and elute was analyzed using inductively coupled plasma - mass spectrometry (ICP-MS), for determination of quantity of mercury, silver, tin, copper and zinc isotopes.

Conclusion: Quantities of mercury isotopes and isotopes of other metals from dental amalgams in artificial saliva solution in vitro could not be considered potentially harmful for patients with dental

amalgam fillings, regarding official statement of the World Health Organization and other governmental agencies in many countries around the world.

Key words: dental amalgam, ICP-MS, corrosion.

2. Zukic S, Zukanovic A , Bajsman A, Vukovic A. Comparasion of Five Dental Age Estimation Methods- Study on Independent Bosnian Samples. Journal Indo-Pacific Academy of Forensic Odontology Vol. 5, No. 2, July-Dec.-2014:22-30
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Abstract: The aim of this research was to examine five dentak methods for estimating the age of adults using an original sample. **Material and methods:** The study was conducted on 60 intact single-root teeth from the upper and lower jaw extracted from living subjects. Five methods of age estimation in adults were used: Bang-Ramm's method for intact teeth, Bang-Ramm's method for sectioned teeth – longitudinal tooth sections, Kvaal-Solheim's method for extracted teeth, Uberlaker's method and Lamendin's method. Dental age estimated by those five methods were compared to real chronological age. **Results:** The best accuracy was found in Bang-Ramm's method for intact teeth (mean absolute error 3,82 years) with tendency to underestimate real age (mean error -1,15) and with moderate precision (SD 5,14 years). Bang-Ramm's method for sectioned teeth had a second best accuracy (mean absolute error 5,48 years), also with tendency to underestimate real age (mean error -0,72), and with moderate precision (SD 6,86). Lamendin's method was the least precise (mean absolute error 12,18 years) with tendency of underestimation and very low precision. **Conclusion:** Two Bang-Ramm's methods proved to be of best accuracy and best precision when applied on independent Bosnian sample. Kvaal-Solheim's method, Uberlaker's method and Lamendin's method are less accurate and less precise.

3. Dzanković A, Vuković A, Prcić-Konjhodžić A, Hasić-Branković L, Tahmiščija I, Zukić S, Bajsman A. Root Canal Morphology of Maxillary Premolars in Bosnian Population. Stomatološki vijesnik 2015;4(2):77-84.

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Objective: The aim of this study was to investigate root canal morphology of maxillary first and second premolars in Bosnian population using clearing technique.

Materials and methods: Total of 182 maxillary first and second premolars from Bosnian population were included in this study. The Indian ink was injected in the root canal system and the samples were rendered clear by demineralization and immer- sion into methyl salicylate. Data relating to root canal type (Vertucci classification, 1984), presence and position of lateral canals, presence and position of transverse anastomosis, position of apical foramina and frequency of apical deltas were analyzed using a magnifier and dissecting microscope (x10).

Results: The dominant root canal type of maxillary first premolars is the type IV, present in 56.5% of samples. Lateral canals were registered in 46.7% and transverse anastomosis in 8.6% of samples. The position of apical foramen maxillary first premolars was apicolateral at 60.86% of samples, while the apical delta present in 1.08% cases. The most frequent root canal of maxillary second premolars is type II (31.2%), followed by the type I and IV (20%). Lateral canals were recorded in one third of the total sample of maxillary second premolars (33.3%), dominantly in apical region. Transverse anastomoses were present in 23.3% of samples; the apical delta in 5.55% and position of the apical foramen was apicolateral at 71.11% cases respectively.

Conclusion: This study demonstrates anatomical complexities of maxillary premolars root canal system, confirming that the root with single tapering canal and apical foramen is an exception rather than the rule.

Keywords: root canal morphology, maxillary first premolar, maxillary second premolar, clearing technique

4. Bajsman A, Haračić A, Vuković A, Zukić S. Analisis of concordance between clinical and radiographical depth of occlusal caries lesions - a pilot study, Stomatološki vjesnik 2016;5 (1-2):33-40

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Aim: The aim of the study was to investigate the influence of complexity of occlusive morphology on radiographic detection of occlusive caries lesions, and to analyze the reliability of radiography in dentistry.

Material and methods: A sample of this study consisted of 40 teeth (20 molars and premolars 20), shown in 33 digital retrocoronal radio-graphs. Carious lesion depth was known for each tooth, measured clinically, using graduated probe, and after cavity opening and removal of carious masses. Lesion depth measurements on digital radio-graphs were performed using ImageJ software. Obtained values (clinical and software) were correlated and analyzed by Microsoft Office Excell 2007 and IBM SPSS Statistics 20.0.0.

Results: Analysis of obtained results shows that clinical depth value is higher compared to measurements of radiolucent zone on digital radiographs, in most cases. There are very few matched results of clinical and software measurements. Measurements on molars of total sample show concordance in 15% of cases. Measurements on premolars of total sample show concordance in 25% of cases. Discrepancies of measurements results are not large, but are present in 80% of the sample.

Conclusion: The complexity of the occlusive morphology is one of the main reasons for difficult radiological diagnosis of occlusive caries lesions. Different occlusive relief, rich and various fissure systems, the presence of filling materials, the superposition of lip and lingual enamel represent reasons why radiography is not able to clearly demonstrate the existence and exact boundaries of propagation of carious lesions.

Key words: occlusal morphology, caries diagnosis, digital radiography.

5. Zukić S, Zukanović A, Džemidžić V, Bajsman A, Vuković A, Šećić S. Prevalence of positional dental anomalies in adult population of Bosnia and Herzegovina, Stomatološki vjesnik 2017 (1-2): 38-43.

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Abstract: Positional dental anomalies (PA) are among frequent anomalies observed in dental practice. The aim of this study was to screen and identify the presence of positional dental anomalies within adult population in Bosnia and Herzegovina.

Material and methods: The sample comprised of 492 adult subjects, aging from 20 to 44 years, both sexes, subdivided into age groups. A comprehensive standard clinical examinations were performed, using defined criteria.

Results: Among all examined persons the positional anomalies (PA) were found in 263 patients (53,3%). The prevalence of PA was the highest in adults aged 25-34 (57, 5%). There was a significant difference in prevalence of positional anomalies among different age groups (Chi square 13,342, p<0,001). There were differences in prevalence of PA between persons of different sex, but no significant difference was found in PA prevalence between different sexes within the same age group. In overall adult sample the rotation was the most frequent positional anomaly and was found in 42, 7% cases. Ectopic teeth was found in 19, 3%, with a significant difference in prevalence of ectopic tooth in males (Chi square 6,281, p=0,043). Transposition had prevalence of only 0, 4%, proving to be a rare phenomenon.

Conclusion: Positional anomalies are very often registered and corrected through orthodontic treatment during children's growth, but they should also be observed and noted among adults. For those adults, adequate orthodontic procedures should be advised and advocated.

Key words: dental anomalies, rotation, ectopic teeth, transposition, prevalence.

6. Mlačo Durek J, Vuković A, Zukić S, Tiro A, Bajsman A. Sexual Dymorphism of the first maxillary molars - Research on the population of central Bosnia. Coll. Antropol.42(2018) 295-298.

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Abstract: Aim of this study was to examine the existence of sexual dimorphism of the first permanent maxillary molar in the population of central Bosnia. The sample for the study comprised 94 subjects with intact crowns of the first permanent maxillary molars, without orthodontic anomalies. Mesiodistal and buccopalatal diameters were measured on the plaster models, based on calculated variables: robustness index or crown area (IRC), and sexual dimorphism (SD). Linear dimensions of the first permanent maxillary molars, as well as IRC exhibited sexual dimorphism with

larger values in males, except MD diameter on the left side. The greatest sexual dimorphism demonstrates IRC from the right. Linear dimensions of the first permanent maxillary molars and IRC can be used for sex determination in population of Central Bosnia.

Key words: sexual dimorphism, forensic dentistry, molars, tooth size, crown area.

7. Bajsman A, Ahmić A, Zukić S, Zukanović A, Jakupović S. Clinical Evaluation of Diagnostic Methods (Visual Examination, Laser Fluorescence and Digital Radiography) in Detection of Occlusal Caries. *Stomatološki vjesnik* 2019;8(2):11-23.

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Abstract: Occlusal surface is the most difficult for performing reliable caries detection on it. Traditional visual-tactile diagnostic methods do not show high sensitivity and specificity, and there are efforts to overcome this disadvantage by using conventional, digital radiography, as well as numerous non-invasive techniques for quantification of demineralization. Despite a large number of studies comparing the effectiveness of individual diagnostic methods in caries detection, there are still not enough studies investigating effectiveness of various combinations of diagnostic methods.

The aim of this paper is to examine whether there is a difference between individual diagnostic methods (visual examination, laser fluorescence and digital radiography) regarding their sensitivity and specificity; and combination of these diagnostic methods in diagnosis of occlusal caries on permanent molars.

Material and methods: The sample comprised 140 permanent molars. Teeth were inspected visually, and the appearance of the lesion was classified according to UniViSS criteria, than by use of laser fluorescence (DIAGNOdent 2095), and by using digital retro-coronary radiographs. Validation method was cavity opening.

Results: Values of sensitivity and specificity of the methods were calculated. After that, the same values from the combination of the specified diagnostic methods were calculated as well.

Conclusion: By using a combination of diagnostic methods, an increase in sensitivity and specificity values is achieved with respect to the values of the same parameters from the individual diagnostic methods.

Key words: occlusal caries detection, UniViSS, laser fluorescence, digital radiography

8. Ahmić Vuković A, Jakupović S, Zukić S, Bajsman A, Gavranović Glamoč A, Šećić S. Occlusal Stress Distribution on the Mandibular First Premolar – FEM Analysis. *Acta Medica Academica* 2019;48(3):255-261.

Indeksiran u: Medline/PubMed, EBSCOhost, IndexCopernicus, CAB Abstract/Global Health Database, IndexScholar, DOAJ, CrossRef, InfoBase Index

Objective: The aim of this paper was to analyze the distribution of stress and deformation on the mandibular first premolar under two types of loading (axial and para-axial load of 200 N) using the FEM computer method. **Materials and Method:** For this research a µCT scan of the first mandibular premolar was used, and the method used in this research was FEM analysis under two types of loading. **Results:** The values of the von Mises stress measured in the cervical part of an intact tooth under axial load were up to 12 MPa, and under para-axial load over 50 MPa. The values of the stress measured on the bottom of the non-carious lesion are very high ≈ 240 MPa. Stress values in the cervical part of the intact tooth are higher in the zone of the sub-surface enamel. The deformation values of the tooth under para-axial loading were ≈ 10 times higher than the value of the deformation under axial load. The greatest deformations were seen in the area of the tooth crown. **Conclusions:** Occlusal loading leads to significant stress in the cervical part of teeth. The values of the measured stress are greater under the action of paraxial load. The values of stress in abfraction lesions measured under a paraxial load are extremely high. Exposing the lesion to further stress will lead to its deepening. The total deformation of the entire tooth under paraxial load was ≈ 10 times higher compared to the deformation value of the tooth under axial load. **Key Words:** Mandibular first premolar, Morphology, Abfraction, FEM, Stress, Deformation.

SAŽETAK BIBLIOGRAFSKIH PODATAKA KANDIDATKINJE RELEVANTNIH ZA NAPREDOVANJE U ZVANJE REDOVNOG PROFESORA

1. Objavljen 1 univerzitetski udžbenik
2. Naučni radovi objavljeni u časopisima koji prate relevantnu međunarodnu bazu podataka i relevantnu bazu podataka nakon izbora u zvanje docent: 8 radova
3. Naučni radovi prezentirani na kongresima sa sažecima objavljenim u časopisima koji prate relevantnu međunarodnu bazu podataka i relevantnu bazu podataka nakon izbora u zvanje docent: 9 radova.
4. Mentorstva završnih/diplomskih radova na integriranom studiju Stomatološkog fakulteta Univerziteta u Sarajevu: 10 završnih radova.
5. Učešće u projektima nakon izbora u zvanje docent: 1 projekt.
6. Pokazane nastavničke sposobnosti kroz kontinuirano učešće u nastavnom procesu od 2003. godine, od toga proveden 1 izborni period u zvanju docenta od 2014.god.

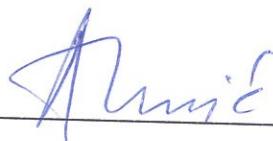
Na osnovu svega navedenog, Komisija donosi slijedeći

PRIJEDLOG SA OBRAZLOŽENJEM

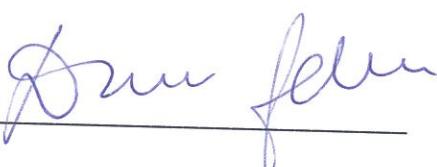
Na konkurs za izbor (napredovanje) akademskog osoblja u zvanje vanredni profesor za nastavno-naučnu oblast Morfologija zuba sa dentalnom antropologijom i forenzikom, objavljenom u dnevnom listu „Dnevni Avaz“ i na web stranici Stomatološkog fakulteta sa klinikama Univerziteta u Sarajevu, prijavila se docent dr sc. Anita Bajsman. Docent dr sc. Anita Bajsman specijalista je dentalne patologije i endodontije, magistar i doktor stomatoloških nauka. U nastavnom procesu provela je 17 godina, a u zvanju docenta 4 godine i 8 mjeseci. Kandidatkinja ima ukupno objavljenih 25 radova, a od posljednjeg izbora 8, te ukupno 23 kongresna saopštenja, od čega 9 od posljednjeg izbora u zvanje docenta. Kandidatkinja je autor ukupno dva univerzitetska udžbenika, od kojih je jedan objavljen nakon izbora u zvanje docent. Bila je suradnik na 4 uspješno okončana naučno-istraživačka projekta, od čega je jedan realiziran nakon izbora u zvanje docent. Bila je mentor 10 završnih / diplomskih radova na integriranom studiju Stomatološkog fakulteta Univerziteta u Sarajevu.

Komisija smatra da su ispunjeni svi uvjeti propisani Zakonom o visokom obrazovanju i traženi raspisanim konkursom za izbor (napredovanje) akademskog osoblja, i predlaže Naučno-nastavnom vijeću Stomatološkog fakulteta sa klinikama Univerziteta u Sarajevu da se Doc. dr. sc. Anita Bajsman izabere u zvanje vanrednog profesora, za nastavno – naučnu oblast Morfologija zuba sa dentalnom antropologijom i forenzikom, te da se predmet kompletira i uputi Senatu Univerziteta u Sarajevu na daljnju proceduru.

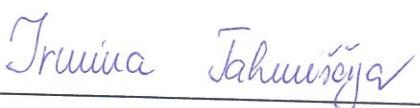
KOMISIJA:



Prof. dr sc. Amra Ahmić, predsjednik



Prof. dr sc. Selma Zukić, član



Prof. dr sc. Irmina Tahmišćija, član

UNIVERZITET U SARAJEVU
VŠU STOMATOLOŠKI FAKULTET SARAJEVO

SA PODACIMA ZA IZBOR UNASTAVNIČKA ZVANJA NA VISOKOŠKOLSKIM USTANOVAMA UNIVERZITETA U SARAJEVU

FORMULAR

Ime i prezime, godina rođenja	Godina doktorata	Godina prethodnog izbora	Izbor u zvanje ili ponovni izbor	Predmet/Oblast										Mentorstvo Dr. Mr. (integrirani studi)								
				1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9
ANITA BAJSMAN 1975	2013	2014	VANREDNI PROFESOR	MORFOLOGIJA ZUBA SA DENTALNOM ANTROPOLOGIJOM I FORENZIKOM																		10

BROJ OBJAVLJENIH RADOVA

Od prethodnog izbora

1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	1	
2		25		23	1	2	1	4		1		8		9		1						

Legenda:

- Broj naučnih knjiga (recenziranih)
- Broj univerzitetskih udžbenika (recenziranih)
- Broj monografija (recenziranih)
- Broj publikovanih naučnih radova u časopisima koji prate relevantnu međunarodnu bazu podataka
- Broj publikovanih naučnih radova u časopisima koji prate relevantnu bazu podataka
- Broj naučnih radova u zbornicima koji prate relevantnu bazu podataka (kongresi, simpozijumi, savjetovanje)
- Broj internacionalnih istraživačkih projekata
- Broj domaćih istraživačkih projekata
- Organizacija međunarodnih kongresa i skupova (članstvo u organizacijskom odboru)
- Organizacija domaćih kongresa i skupova (članstvo u organizacijskom odboru)

Dekan



M.P.

PRIJEDLOG KOMISIJE O IZBORU KANDIDATA (SAŽETAK)

Na konačnici za izbor (napredovanje) akademskog osoblja u zvanje vanredni profesor za nastavno-naučnu oblast Morfološki zuba sa dentalnom antropologijom i forenzikom, objavljenom u drževnom listu „Dnevni Avaz“ i na web stranici Stomatološkog fakulteta sa klinikama Univerziteta u Sarajevu, prijavila se docent dr sc. Anita Bajšman. Docent dr sc. Anita Bajšman specijalista je dentatne patologije i endodontije, magistar i doktor stomatoloških nauka. U nastavnom procesu provjela je 17 godina, a u zvanju docenta 4 godine i 8 mjeseci. Kandidatkinja ima ukupno objavljenih 25 radova, a od posljednjeg izbora 8, te ukupno 23 kongresna saopštenja, od čega 9 od posljednjeg izbora u zvanje docenta. Kandidatkinja je autor ukupno dva univerzitska udžbenika, od kojih je jedan objavljen nakon izbora u zvanje docent. Bila je suradnik na 4 uspješno okončana naučno-istraživačka projekta, od čega je jedan realiziran nakon izbora u zvanje docent. Bila je mentor 10 završnih / diplomskih radova na integriranom studiju Stomatološkog fakulteta Univerziteta u Sarajevu.

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ČLANOVI KOMISIJE: (Navesti: Ime i prezime, zvanje, oblast)

Prof. dr sc. Amra Ahmić, redovni profesor, naučna oblast Morfološki zuba sa dentalnom antropologijom i forenzikom, Stomatološki fakultet Univerziteta u Sarajevu, predsjednik,



Prof. dr sc. Selma Zukić, vanredni profesor, naučna oblast Morfološki zuba sa dentalnom antropologijom i forenzikom, Stomatološki fakultet Univerziteta u Sarajevu, član



Prof. dr sc. Irmina Tahmičić, vanredni profesor, naučna oblast Dentalna patologija sa endodoncijom, Stomatološki fakultet Univerziteta u Sarajevu, član

