

CV AND LIST OF WORKS

RESUME

Name and Surname: SOLEY ARSLAN

Title: Professor Doctor

Main Area: Restorative Dentistry

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Foreign Language Score: 72.5 (ÜDS)



EDUCATIONAL INFORMATION

Degree	Department/Program	University	Year
Undergraduate	Faculty of Dentistry	Ankara University	1984-1989
PhD	Dental Diseases and Treatment	Erciyes University	2005-2009

WORK EXPERIENCES AND ACADEMIC ASSIGNMENTS

Job Title	Place of Duty	Year
Dentist	Erciyes University Medico Social Unit	1994-2005
PhD Student	Erciyes University Faculty of Dentistry	2005-2009
Dr. Dt.	Erciyes University Faculty of Dentistry	2009-2012
Asst. Assoc. Dr.	Erciyes University Faculty of Dentistry	2012-2015
Assoc. Dr.	Erciyes University Faculty of Dentistry	2015-2021
Prof. Dr	Erciyes University Faculty of Dentistry	2021-

ARTICLES PUBLISHED IN INTERNATIONAL PEER-REVIEWED JOURNALS

1. **Arslan S**, Ekrikaya S, Ildiz N, Yusufbeyoglu S, Öösoy İ. Evaluation of the antibacterial activity of dental adhesive containing biogenic silver nanoparticles decorated nanographene oxide nanocomposites (Ag@nGO NCs) and effect on bond strength to dentine. *Odontology* 2024;112(2):341-354.
2. **Arslan S**, Karagön M, Balkaya H, Köse B. A randomized clinical study evaluating the 30-month clinical performance of class II indirect restorations in endodontically treated teeth using ceramic, hybrid, and composite computer-aided design/ computer-aided production blocks. *Journal of Conservative Dentistry* 2024;27(1):68-75
3. Ekrikaya S, Yilmaz E, **Arslan S**, Karaaslan R, Ildiz N, Celik C. Dentin bond strength and antimicrobial activities of universal adhesives containing silver nanoparticles synthesized with Rosa canina extract. *Clinical Oral Investigations* 2023;27(11):6891-6902.
4. Durukan SM, **Arslan S**, Tan B, Tufan E. Acetylation pattern and cytokine secretion in teeth with deep dentine caries. *Journal of Dental Research and Practice* 2023;5(3): 1-5.
5. **Arslan S**, Balkaya H, Durukan SM, Silici S. The effect of propolis on the bond strength of composite resin to enamel after intracoronary bleaching with different bleaching agents *Puan Australian Endodontic Journal* 2023; 49(1):366-373.
6. **Arslan S**, Balkaya H, AvcıB, Dogan A. The Effect of Different Adhesive Resins, Composite Resins and Thermal Cycling on the Repair Bond Strength of Bulkfill Composite Resin. *Meandros Medical and Dental Journal* 2022;23(1):31-39.
7. Avcı B, **Arslan S**. One year clinical evaluation of classII indirect porcelain, hybrid and composite blocks restorations. *Cumhuriyet Dental Journal* 2021;24(1):66-75.
8. Balkaya H, **Arslan S**. A two-year clinical comparison of three restorative materials in class II cavities. *Operative Dentistry* 2020; 45(1): E32-E42.
9. **Arslan S**, Kaplan MH. The effect of resin infiltration on the progression of proximal caries lesions: A randomized clinical trial. *Medical Principles and Practice* 2020;29:238-243.
10. **Arslan S**, Koç AN, Avcı B, Balkaya H, Çakır NN. Adhesion of *Candida albicans* and *Candida parapsilosis* to different restorative materials. *Cumhuriyet Dental Journal* 2019; 22(4):461-468.
11. **Arslan S**, Balkaya H, Çakır NN. Efficacy of different endodontic irrigation protocols on shear bond strength to coronal dentin. *Journal of Conservative Dentistry*, 2019;22(3):223-227.
12. Balkaya H, **Arslan S**, Pala K. A randomized, prospective clinical study evaluating effectiveness of a bulk-fill composite resin, a conventional composite resin and a reinforced

glassionomer in Class II cavities: one-year results. *Journal of Applied Oral Science* 2019;27:e20180678.

13. Arslan S, Lipski L, Dubbs K, Elmali F, Ozer F. Effect of resin sealing therapies on nanoleakage with in artificial non-cavitated enamel lesions. *Dental Materials Journal* 2018;22(1): 40-46.

14. Arslan S, Koç AN, Şekerci AE, Tanrıverdi F, Sav H, Aydemir G, Diri H. Genotype of virulence factors of Candida Species isolated from oral cavities of patients of type 2 diabetes mellitus. *Turkish Journal of Medical Science* 2016;46(1):1405-1473.

15. Arslan S, Zorba YO, Atalay MA, Özcan S, Demirbuga S, Pala K, Percin D, Ozer F. Effect of resin infiltration on surface properties and streptococcus mutans adhesion to artificial enamel lesions. *Dental Materials Journal*, 2015;34(1):25-30.

16. Tokgöz B, Sarı Hİ, Yıldız O, **Arslan S,** Sipahioğlu M, Okten T, Oymak O, Utaş C. Effects of azithromycine on cyclosporine-induced gingival hyperplasia in renal transplant patients. *Transplantation Proceedings* 2004; 36(4): 2699-2702.

17. Arslan S, Yazici AR, Gorucu J, Ertan A, Pala K, Üstün Y, Antonson SA, Antonson DE. Effects of different cavity disinfectants on shear bond strength of a silorane-based resin composite. *The Journal of Contemporary Dental Practice* 2011;12(4):279-286.

18. Arslan S, Ozbilge H, Kaya EG, Er O. In vitro antimicrobial activity of propolis, BioPure MTAD, sodium hypochloride, and chlorhexidine on *Enrerococcus faecalis* and *Candida albicans*. *Saudi Medical Journal* 2011; 32(5): 479-483.

19. Arslan S, Silici S, Perçin D, Koç AN, Er Ö. Antimicrobial activity of poplar propolis on mutans streptococci and caries deveolpment in rats. *Turkish Journal of Biology* 2012;36(1):65-73.

20. Arslan S, Yazici AR, Görücü J, Pala K, Antonson DE, Antonson SA. Comparison of the effects of Er,Cr:YSGG laser and different cavity disinfection agents on microleakage of current adhesives. *Lasers in Medical Science* 2012;27(4):805-811.

21. Arslan S, Ertaş H, Zorba YO. Influence of Ankaferd Blood Stopper on shear bond strength of bonding systems. *Dental Materials Journal* 2012;31(2): 226-231.

22. Arslan S, Demirbuga S, Zorba YO, Ucar FI, Tuncay O. The effect of pre-heating silorane and methacrylate-based composites on microleakage of Class V restorations. *Euopen Journal of General Dentistry* 2012;1(3): 178-182.

23. Arslan S, Demirbuga S, Ustun Y, Dincer AN, Canakçi BC, Zorba YO. The effect of a new-generation flowable composite resin on microleakage in Class v composite restorations as an intermediate layer. *Journal of Conservative Dentistry* 2013;16(3): 189-193.

24. Arslan S, Ertaş H, Zorba YO. Effect of plant-based agent on microleakage of self-etching adhesives. *Medicina Oral Patologia Oral y Cirugia Bucal* 2013;18(1):24-29.

25. Kilic K, **Arslan S**, Demetoglu GA, Zararsız G, Kesim B. Do blood contamination and haemostatic agents affect microtensile bond strength of dual cured resin cement to dentin? *Journal of Applied Oral Science* 2013;21(1):85-91.

26. Üstün Y, **Arslan S**, Aslan T. Effects of calcium hydroxide and propolis intracanal medicaments on bond strength of resin-based endodontic sealer as assessed by push-out test. *Dental Materials Journal* 2013;32(6):913-919.

27. Pala K, Demirbuğa S, Gümüş HÖ, **Arslan S**, Zorba YO. Effect of different bonding techniques on the bond strength of two different fiber posts. *Journal of Restorative Dentistry* 2014;2(1):32-36.

ARTICLES PUBLISHED IN NATIONAL PEER-REVIEWED JOURNALS

1. Doğan A. N, **Arslan S**. Effect of carbodiimide on the dentin bond strength of universal adhesives: An in-vitro study. *Turkiye Klinikleri Journal of Dental Sciences*, 2023; 29(1):166-175.

2. Kürem İ, Kılıç D, Öztürk T, Doğruel F, **Arslan S**. Evaluation of transmission during active dental procedures during the SARS-Cov-2 pandemic. *Journal of Health Science*, 2022;31(2):133-144.

3. **Arslan S**, Üstün Y, Taşçıoğlu N, Durukan SM, Sağsen B, Önal MG. MTA Fillapex In Vitro Genotoxicity Assessment: A Systematic Review. *Turkiye Klinikleri Journal of Dental Sciences*, 2022;28:372-380:

4. **Arslan S**, Demirbuğa S, Uçar EN, Çayabatmaz M. The effect of universal adhesives on bond strength in vital bleached teeth. *Selcuk Dental Journal* ,2019;6:10-17.

5. Er Ö, Sağsen B, Ertaş H, Kahraman Y, **Arslan S**, Pala K, Demirbuğa S. Effect of epoxy resin based root canal sealer contamination on the bonding of composite resin to dentin. *Journal of Istanbul University Faculty of Dentistry* 2014;48(2).23-27.

6. Ölmez MH, **Arslan S**. Esthetic illusion techniques in composite restoration applications. *Journal of Health Science*, 2014;23(1):22-27.

7. **Arslan S**, Demirbuğa S, Zorba Yo, Ölmez MH, Parlak H, İlday NÖ, Sağsöz Ö, Karataş Ö. The effect of calcium hydroxide applied after intracoronal bleaching on bond strength of dental adhesive. *Turkiye Klinikleri Journal of Dental Sciences*, 2014;20(2):100-106.

8. **Arslan S**, Demirbuğa S, Çayabatmaz M, Üstün Y. Evaluation of microshear bond strength of conventional and new generation flowable composite resin. *Turkiye Klinikleri Journal of Dental Sciences*, 2013;19(3):185-192.

9. **Arslan S**, Ertaş ET, Ülker M. The relationship between dental fear and sociodemographic variables. *Erciyes Medical Journal* 2011;33(4):295-300.

10. Ülker M, Arslan S, Pala K, Demirbuğa S, Ülker E. Dentin bond strength and marginal leakage of a current silorane based restorative system. *Türkiye Klinikleri Journal of Dental Sciences*, 2010;16(2):105-112.

11. Arslan S, Ertaş H, Er Ö, Sağsen B. In vitro evaluation of periapical PH alterations PH alterations with six different calcium hydroxide carriers. *Dental Journal of Dicle*, 2010; 11(2): 77-80.

12. Arslan S, Er Ö, Sağsen B, Arslan D. Dental enamel defect in pediatric celiac patients. *Türkiye Klinikleri Journal of Dental Sciences* 2009; 15(1): 6-10.

13. Arslan S, Ülker M, Er Ö, Sağsen B, Ertaş H. Effect of different light devices on microleakage of class II slot preparation restored with different adhesive systems. *The Journal of Hacettepe Faculty of Dentistry*, 2008; 32(1): 38-48.

14. Arslan S, Ülker M, Elmalı F, Öztürk A, Günay O. Caris prevalence, oral health behaviors and dental anxiety levels of dental faculty students. *The Journal of the Dental Faculty of Ankara University*, 2008; 35(2): 53-60.

PROJECTS:

1. Evaluation of the antibacterial activity of dental adhesive containing green synthesis Ag@nGO nanocomposite and its effect on dentin bond strength. TUBITAK-1002-Quick Support Program-220S445. **Project manager**

2. Effect of propolis on the bond strength of composite resin to enamel after different intracoronal whitening applications. TÜBİTAK-1002-Rapid Support Program -38S253. **Project manager**

3. Examination of plasticity-related tau protein phosphorylation in the stress and dental hypersensitivity pain experimental model (Multidisciplinary Research Project) TCD-2020-10092. **Project manager**

4. Evaluation of the surface properties and antibacterial activity of ICON applied to white spot lesions (NAP Project). TSA-11-3417. **Project Manager**

5. Evaluation of in vitro genotoxicity of MTA Fillapex. ERÜNAP-TSA-12-3622. **Researcher**

6. Examining the effect of etidronic acid on the bonding of resin composite to dentin tissue (NAP project). TSA-2018-7731. **Project Manager**

7. Examination of the in vitro and in vivo effects of Turkish propolis on caries development (Doctoral Thesis Project). TSD-08-328. **Researcher**

8. Bonding to pulp chamber dentin: Examining the effect of Qmix and etidronic acid (Thesis Project). TDH-2018-8167. **Project manager**

9. Examining the effect of carbodiimide on the dentin bond strength of universal adhesive systems using the micro tension test method (Thesis Project). TDH-2018-7903. **Project manager**

10. Evaluation of the 1-year clinical performance of class II indirect restorations using porcelain hybrid composite blocks (Thesis Project). TDH-2017-7813. **Project manager**

11. Evaluation of 1-year clinical performance of restorations made using different restorative materials (Thesis Project). TDH-2017-7479. Project manager

12. Evaluation of ICON application for initial interface caries, randomized controlled prospective clinical study (Thesis Project). TDH-2015-6060. **Project manager**

13. Examination of acetylation pattern and cytokine secretion in teeth with deep dentin caries (Thesis Project). TDH-2020-9976. **Project manager**

14. Evaluation of the 1-year clinical performance of class II indirect restorations made on devital teeth using porcelain hybrid composite blocks (Thesis Project).TDH-2018-8358. **Project manager**

12. Evaluation of Fracture Resistance of Endodontically Treated Upper Jaw Premolar Teeth Restored with Two Different Restorative Material Combinations. (Thesis Project, Specialization in Dentistry). TDH-2021-10820. **Project manager**

COURSES PROVIDED:

2/3/4th grade Restorative Dentistry theoretical and pre-clinical practice courses in the 2013-2024 academic year.

Theoretical and clinical practice courses for specialist students in the 2013-2024 academic year.

SUPERVISED THESES:

1. Comparison of 1-year clinical performance of class II restorations using different restorative materials

2. Evaluation of Fracture Resistance of Endodontically Treated Maxillary Premolar Teeth Restored with Two Different Restorative Material Combinations

3. Examination of acetylation pattern and cytokine secretion in teeth with deep dentin caries

4. Evaluation of the 1-year clinical performance of class II indirect restorations on devital teeth using porcelain hybrid composite blocks

- 5.** Examination of the effect of carbodiimide on the dentin bond strength of universal adhesive systems using micro tension test method
- 6.** Binding to pulp chamber dentin: Examining the effect of Qmix and etidronic acid
- 7.** Evaluation of the 1-year clinical performance of Class II indirect restorations using porcelain hybrid composite blocks
- 8.** Evaluation of 1-year clinical performance of restorations made using different restorative materials
- 9.** Evaluation of ICON application to initial interface caries, randomized controlled prospective clinical study