

NAME SURNAME: Zeynep Aslı ÖZKAYA

TITLE: Assoc. Prof. Dr

BASIC AREA: Pedodontics

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PHONE (WORK): -29259

ADDRESS: ERCIYES UNIVERSITY/FACULTY OF DENTISTRY/CLINIC

DEPARTMENT OF SCIENCES/DEPARTMENT OF PEDODONTICS/

FOREIGN LANGUAGE SCORE: 91,25 YÖKDİL

INSTITUTION INFORMATION:

Insuition Information

Faculty of Dentistry Department of Clinical Sciences Department of Pediatric Dentistry

Thesis Title: Efficacy of Using Cpp Acp in the Treatment of Opaque Lesion 2012

Thesis Advisor: Alev Alaçam

Specialization in Medicine Gas University on February 21, 2012

2020

Institute of Natural and Applied Sciences Nanoscience and Nanotechnology

Ph.D., Erciyes University

2008

Institute of Health Sciences Pedodontics

Thesis Title: Effectiveness of CPP ACP Use in the Treatment of Opaque Lesion, 2012 Thesis

Supervisor: Alev Alaçam, Ph.D., Gazi University, 8, February 2012

2002

Faculty of Dentistry Dentistry

Bachelor's Degree: Gazi University 31August 2007

Work Experience and Academic Assignments:

Non-Academic Experience

Visiting Researcher

University of Greenwich, UK- University of Greenwich, Faculty of Engineering and Science, Visiting Researcher at the Department of Materials Chemistry (University Abroad)

Ministry of Health, Oral and Dental Health Center Dentist-Istanbul, (Public)

Professor Erciyes University/Faculty of Dentistry/Department of Clinical Sciences/Department of Pedodontics

30.08.2019

Assistant Professor Erciyes University/Faculty of Dentistry/Department of Clinical Sciences/Department of Pedodontics

2015

Assistant Professor Trakya University/Faculty of Dentistry/Department of Clinical Sciences/Department of Pediatric Dentistry

2012-2015

Administrative Position

Erciyes University/Faculty of Dentistry

Commission Membership 2016

Erciyes University/Faculty of Dentistry/Department of Clinical Sciences/Department of Pedodontics, Head of Department 2021-2022

Erciyes University/Faculty of Dentistry Commission Member 2016-2018

Trakya University/Faculty of Dentistry/Department of Clinical Sciences/Head of the Department of Pediatric Dentistry 2014-2017

Trakya University/Faculty of Dentistry Erasmus Coordinator 2014-2015

Trakya University/Faculty of Dentistry Farabi Coordinator 2013-2015

Trakya University/Faculty of Dentistry Board Member 2013-2015

Works:

Articles Published in International Refereed Journals

Özkaya Zeynep Aslı, Patat Şaban, Coleman Nichola J (2024). Effect of Nano and Micro Silica on Setting Time and Microhardness of Conventional Glass-Ionomer Cements. *Journal of Dentistry*, 12, Doi: 10.3390/Dj12030054 (Publication No: 8926727)

Şebin Esra, Özkaya Zeynep Aslı (2022). Evaluation of Primary Teeth Affected by Dental Trauma in Patients Admitted to a University Clinic, Part 2: Types of Dental Injury, Treatment Strategies and Complications. *Springer Science And Business Media Llc*, 12(26), 1-10., Doi: 10.1007/S00784-022-04820-3 (Publication No: 7956822)

Şebin Esra, Özkaya Zeynep Aslı (2022). Evaluation of Primary Teeth Affected by Dental Trauma in Patients Admitted to the University Clinic, Part 1: Epidemiology.. *Clinical Oral Investigations*, Doi: 10.1007/S00784-022-04638-Z (Publication No: 7750294)

Özkaya Zeynep Aslı, Tanpacus Kan Seçil, Hidayet Zekiye, Doğan Salih (2021). Can Zirconium Veneers Be the First Restorative Option After Endodontic Treatment of Milk Teeth? *International Journal of Clinical Practice*, 75, Doi: 10.1111/Ijcp.14888 (Publication No: 7750310)

Hidayet Zekiye, Özkaya Zeynep Aslı (2021). In vitro Evaluation of Shear Bonding Strength of Different Adhesion Cements on Zirconium Oxide Samples in Primary Teeth. *Bezmialem Science*, 9, Doi: 10.14235/Bas.Galenos.2020.4064 (Publication No: 7750332)

Kasımoğlu Yelda, Tabakçılar Derya, Özkaya Zeynep Aslı, Yamamoto-Nemoto Seiko, Tuna İnce Elif Bahar, Özen Buğra, Tüzüner Tamer, İnce Gökhan (2020). Nanomaterials and Nanorobotics in Dentistry: A Review. *Indonesian Journal of Dentistry*, 27(2), 77-84., Doi: 10.14693/Jdi.V27i2.1154 (Pub. No: 6876229)

Gjorgievska Elizabeta S, Nicholson John, Gabric Dragna, Özkaya Zeynep Aslı, Meltic Ivana, Coleman Nichola J (2020). Evaluation of the Effect of the Addition of Nanoparticles on the Properties of Glass-Ionomer Cements. *Materials*, Doi: 10.1037/0003-066x.59.1.29 (PubMed: 6875506)

Güçlü Zeynep Aslı, Hurt Andrew, Dönmez Nazımiye, Coleman Nichola J (2018). Er: Effect of YAG laser enamel conditioning and moisture on microleakage of a hydrophilic sealant. *Odontology*, 106(3), 225-231., Doi: 10.1007/S10266-017-0323-4 (Pub. No: 3737400)

Tüzüner Tamer, Güçlü Zeynep Aslı, Hurt Andrew, Coleman Nichola, Nicholson John W (2018). Release of antimicrobial compounds from zinc oxide chelate cement. *Journal of Oral Science*, 60(1), 24-28., Doi: 10.2334/Josnusd.16-0791 (Publication No: 4229014)

Güçlü Zeynep Aslı, Gjorgievska Elizabeta S, Coleman Nichola J (2017). In Vitro Comparison of Enamel Remineralization Potential of Bioactive Glass, Hydroxyapatite and Cpp-Acp. *Acta Physica Polonica A*, 131(3), 571-576., Doi: 10.12693/Aphyspola.131.571 (Publ. No: 3501491)

Güçlü Zeynep Aslı, Hurt Andrew, Leonard Odi, Coleman Nichola J (2017). Composite Sponges for In Situ Alveolar Bone Regeneration Following Tooth Extraction. *Acta Physica Polonica A*, 131(3), 580-584., Doi: 10.12693/Aphyspola.131.580 (Publ. No: 3501450)

Özel Mehmet Birol, Tüzüner Tamer, Güçlü Zeynep Aslı, Coleman Nichola J, Hurt Andrew, Buruk Celal Kurtuluş (2017). Antibacterial activity and release of quaternary ammonium compounds in an orthodontic lining. *Acta Odontologica Latinoamericana : Aol*, 30(3), 141-148. (Publication No: 4274236)

Coleman Nichola J, Hanarashenge Rajitha, Strong Zeynep Asli, Booth Samantha Ellen (2017). In vitro bioactivity and curing times of white Portland cement combined with different radiopassivating agents. *Matec Conference Network*, 109(3003), 1-7., Doi: 10.1051/Matecconf/201710903003 (Publication No: 4040949)

Güçlü Zeynep Aslı, Dönmez Nazmiye, Tüzüner Tamer, Odabaş Mesut Enes, Hurt Andrew, Coleman Nichola J (2016). The effect of laser enamel conditioning on the microleakage of a new hydrophilic sealant Ultraseal Xt Hydro. *Lasers in Medical Science*, 31(4), 705-711., Doi: Doi 10.1007/S10103-016-1878-Y (Pub. No: 2605436)

Güçlü Zeynep Aslı, Alaçam Alev, Coleman Nichola (2016). A 12-Week Evaluation of Treatment of White Spot Lesions with Cpp-Acp Paste and/or Fluoride Varnish. *Biomed Research International*, 2016(8357621), 1-9., Doi: 10.1155/2016/8357621 (PubMed: 2877342)

Güçlü Zeynep Aslı, Dönmez Nazmiye, Hurt Andrew, Coleman Nichola J (2016). Characterization and microleakage of a new hydrophilic fissure sealant Ultraseal Xt Hydro 8482. *Journal of Applied Oral Sciences*, 24(4), 344-351., Doi: 10.1590/1678-775720160010 (Publication No: 2857742)

Articles Published in National Refereed Journals

Özkaya Zeynep Aslı, Hıdayet Zekiye (2019). Biomimetic remineralization of dentin. *Journal of Atatürk University Faculty of Dentistry*, Doi: 10.17567/Ataunidfd.428925 (Control No: 4913895)

Işık Zeynep, Özkaya Zeynep Aslı, Demirbaş Ahmet Emin, Deniz Kemal (2019). Retrospective evaluation of pediatric oral pathological lesions. *Yeditepe Dental Journal*, 15(1), 53-62., Doi: 10.5505/Yeditepe.2019.78941 (Control No: 4857501)

Güçlü Zeynep Aslı, Hıdayet Zekiye, Günay Canpolat Dilek, Doğruel Fatma (2018). Seroprevalence of hepatitis B, C and HIV in pediatric patients admitted to Erciyes University Faculty of Dentistry. *7tepe Clinic*, 14(3), 81-84., Doi: 10.5505/Yeditepe.2018.33043 (Control No: 4489094)

Güçlü Zeynep Aslı, Dönmez Nazmiye, Tüzüner Tamer, Karabulut Barış (2015). Microstress bonding strength of a universal adhesive to Er-Yag laser-prepared caries-affected

dentin. Selcuk Journal of Dentistry, 2(3), 109-116. (Control No: 2688983)

Projects:

Positions in Projects:

In Vitro Investigation of the Bonding Strength of Zirconium Oxide Crowns Applied with Different Bonding Materials in Milk Teeth, Scientific Research Project Supported by Higher Education Institutions, Project Coordinator: Güçlü Zeynep Aslı, Researcher: Hidayet Zekiye, , 20/07/2018 - 01/03/2019 (National)

Evaluation of Clinical/Radiological Success and Parental Satisfaction of Prefabricated Aesthetic Crowns in Milk Teeth, Scientific Research Project Supported by Higher Education Institutions, Project Coordinator: Zeynep Aslı Özkaya, Researcher: Salih Doğan, Researcher: Seçil Çalışkan, Researcher: Zeynep Işık, , 07/02/2017 - 06/09/2018 (National)

Evaluation of the Effect of Accelerated Aging Technique with Different Thermal Cycle Applications on Microleakage of Restorations, Scientific Research Project Supported by Higher Education Institutions, Executive; Zeynep Aslı Özkaya, , 03/02/2021 - 11/01/2022 (National)

Glass Ionomer Cement Synthesis and Improvement of Mechanical Properties, Scientific Research Project Supported by Higher Education Institutions, Project Coordinator:Şaban Patat, Researcher:Zeynep Aslı Özkaya, , 02/02/2023 (Ongoing) (National)

Fast and Stable Agnp Synthesis and Dentistry Applications in On-Site Environment with Photoreduction Mechanism with Led Device Used in the Clinic, Scientific Research Project Supported by Higher Education Institutions, Project Coordinator:Zeynep Aslı Özkaya, Researcher:Nur Sultan Gündeş, , 11/11/2022 (Ongoing) (National)

The Effect of Irrigation Solutions and Silver Nanoparticles (Ag Np) on Cathepsin B Enzyme in Dental Caries Score, Scientific Research Project Supported by Higher Education Institutions, Project Coordinator:Zeynep Aslı Özkaya, Researcher:Berfin Yıldırım, , 11/11/2022 (Ongoing) (National)

The Use of Cathepsin B Enzyme as a Biosensor in Caries Detection and Investigation of Chlorhexidine Digluconate Synthesis Ag Np Inhibition, Tübitak Project (1002), Project Coordinator:Zeynep Aslı Özkaya, Researcher:Berfin Yıldırım, Researcher:Zehra Karaağaç, , 01/08/2024 (Ongoing) (National)

The Role of Fluoride Ions in Microbiological Properties of Glass-Ionomer Cements, Research Project, Researcher:Zeynep Aslı Özkaya, Project Coordinator:Nichola J Coleman, , 01/09/2024 (Ongoing) (National)

New Mechanical Tests of Conventional Glass-Ionomer Cements, Research Project, Researcher:Zeynep Aslı Özkaya, Project Coordinator:Nichola J Coleman, , 01/09/2023 (Ongoing) (National)

Violet Laser-Assisted Photopolymerization of Restorative Materials, Research Project, Researcher:Zeynep Aslı Özkaya, Project Coordinator:Nichola J Coleman, , 03/06/2024 (Ongoing) (National)

Remineralization of Problematic Dental Tissues, Other (International), Researcher:Özkaya Zeynep Aslı,Project Coordinator:Coleman Nichola J, , 01/08/2016 - 02/09/2016 (International)

In vitro comparison of enamel remineralization potential of bioactive glass, hydroxyapatite and cpp-acp in vitro, Other (International), Researcher:Özkaya Zeynep Aslı,Project Coordinator:Coleman Nichola J, , 02/05/2013 - 01/08/2013 (International)

In Vitro Bioactivity and Setting Times of White Portland Cement in Combination with Different Radio Passivating Agents, Other (International), Researcher: Hanarasinghe Rajitha, Researcher: Özkaya Zeynep Aslı, Project Coordinator: Coleman Nichola J, Researcher: Booth Samantha Ellen, University of Greenwich Faculty of Engineering and Science, , 01/07/2015 - 12/07/2015 (International)

Design/Award/Patent:-

Courses Taught: Pedodontics Theoretical

Supervised Dissertations:

2023

1. Döğeroğlu Cansu Bilge, (2023). Evaluation of the Etiology and Risk Status of Children with Early Childhood Caries Between the Ages of 0-5, Erciyes University->Faculty of Dentistry->Department of Pediatric Dentistry (Completed)

2021

2. Mahyaddınova Türkan, (2021). Evaluation of the Effect of Accelerated Aging Technique with Different Thermal Cycling Applications on Microleakage of Restorations, Erciyes University->Faculty of Dentistry->Department of Pedodontics (Completed)

3. Bulut Esra, (2021). Evaluation of Deciduous Tooth Trauma in Patients Admitted to Erciyes University->Faculty of Dentistry->Department of Pedodontics, Erciyes University Department of Dentistry, Department of Pedodontics (Completed)

2019

4. Efe Zekiye, (2019). In vitro investigation of the bonding strength of zirconium oxide crowns applied with different bonding materials in milk teeth, Erciyes University->Faculty of Dentistry->Department of Pedodontics (Completed)