

CURRICULUM VITAE

Name and Surname: BURCU GÜÇYETMEZ TOPAL
Academic Title: Associate Professor
Work Address:
Email: burcu.topal@afsu.edu.tr

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1.** Çiftçi Z. Z., İşbilir Ş., Karamete B. B., Güçyetmez Topal B., Bodur Z. B., Akgül E. N., "Accuracy of Cameriere's and Willems' methods in age estimation of Turkish children with supernumerary teeth", *Australian Journal of Forensic Sciences*, 2026.
- A2.** Güçyetmez Topal B., Yiğit T., Falay S. B., "Comparison of the opinions and attitudes of medical doctors, dentists and mothers toward teething symptoms", *Dental and Medical Problems*, vol. 62, no. 1, pp. 73-78, 2025.
- A3.** Akgül E. N., Güçyetmez Topal B., "Detection of Dens Invaginatus on Panoramic Radiographs Using Deep Learning Algorithms", *International Journal of Paediatric Dentistry*, 2025.
- A4.** Topal O., Güçyetmez Topal B., Baş Y., Ongan B., Sadi G., Aslan E., Yavaş B. D., Pektaş M. B., "Impact of Juglone, a PIN1 Inhibitor, on Oral Carcinogenesis Induced by 4-Nitroquinoline-1-Oxide (4NQO) in Rat Model", *Medicina (Lithuania)*, vol. 60, no. 8, 2024.
- A5.** Falakaloğlu S., Yeniçeri Özata M., Güneş B., Silva E. J. N. L., Gündoğar M., Güçyetmez Topal B., "Influence of access cavity design on calcium hydroxide removal using different cleaning protocols: a confocal laser scanning microscopy study", *Restorative Dentistry and Endodontics*, vol. 48, no. 3, 2023.
- A6.** Güçyetmez Topal B., Falay Civelek S. B., Tiras M., Yigit T., "The prevalence and influencing factors of gag reflex in children aged 7–14 years in the dental setting", *Journal of Oral Rehabilitation*, vol. 50, no. 5, pp. 376-382, 2023.
- A7.** Güçyetmez Topal B., Falakaloğlu S., Silva E., Gündoğar M., Iriboz E., "Shaping ability of novel nickel-titanium systems in printed primary molars", *International Journal of Paediatric Dentistry*, vol. 33, no. 2, pp. 168-177, 2023.
- A8.** Güçyetmez Topal B., Tanrikulu A., "Assessment of permanent teeth development in children with multiple persistent primary teeth", *Journal of Clinical Pediatric Dentistry*, vol. 47, no. 2, pp. 50-57, 2023.
- A9.** Yigit T., Güçyetmez Topal B., Ozgocmen E., "The effect of parental presence and dental anxiety on children's fear during dental procedures: A randomized trial", *Clinical Child Psychology and Psychiatry*, vol. 27, no. 4, pp. 1234-1245, 2022.
- A10.** Güçyetmez Topal B., "PREVALENCE OF DENTAL NUMBER ANOMALIES AMONG A GROUP OF TURKISH CHILDREN", *Balkan Journal of Dental Medicine*, vol. 25, no. 3, pp. 153-159, 2021.
- A11.** Güçyetmez Topal B., "Comparison of Shaping Ability between Continuous Rotary and Manual Instrumentations in Pediatric Endodontics", *JOURNAL OF DENTISTRY INDONESIA*, vol. 28, no. 2, pp. 70-75, 2021.
- A12.** Güçyetmez Topal B., Falay S. B., "HEKİMLER DIŞ SÜRME DÖNEMİ SEMPTOMLARI İÇİN KEHRİBAR TAKI KULLANIMINI TAVSİYE EDİYOR MU?", *Güncel Pediatri*, vol. 18, no. 1, pp. 63-73, 2020.
- A13.** Güçyetmez Topal B., Kirzioğlu Z., "Evaluation of the fissure sealants applied to erupting permanent molars in accordance to eruption stages: A prospective study", *Nigerian Journal of Clinical Practice*, vol. 22, no. 11, pp. 1495-1502, 2019.

D. Articles published in national peer-reviewed journals:

- D1.** Falay S. B., Güçyetmez Topal B., Çelik S., Şen S., "Evaluation of the Cytotoxicity of Different Teething Gels on Human Gingival Fibroblast Cells and Their Effects on In Vitro Wound Healing", *Cumhuriyet Dental Journal*, vol. 29, no. 1, pp. 32-39, 2026.
- D2.** Topal O., Güçyetmez Topal B., Akçay E., Akgül E. N., "Evaluation of the prevalence, clinical and radiographic characteristics of odontomas in children and adolescents in Afyonkarahisar Province", *HEALTH SCIENCES QUARTERLY*, vol. 5, no. 4, pp. 519-526, 2025.
- D3.** Güçyetmez Topal B., Ünal M., Kula A., Akgül E. N., "Evaluation of the Microhardness of Six Different Colored Flowable Composites Cured at Different Times with LED Light Device", *Cumhuriyet Dental Journal*, vol. 28, no. 3, pp. 334-340, 2025.

- D4.** Ünal M., Güçyetmez Topal B., Hazman Ö., "Evaluation of Cytotoxic Effect on Modified Glass Ionomer Cement with Calcium Carbonate: An in vitro Study", *Türkiye Klinikleri Journal of Dental Sciences*, vol. 30, no. 2, pp. 219-225, 2024.
- D5.** Güçyetmez Topal B., Falakaloğlu S., Akgül E. N., Aktuna Belgin C., "Evaluation of the Effect of Ultrasonic and Sonic Activation Systems on Root Canal Filling Quality in Resin Primary Molars: in vitro Study", *Türkiye Klinikleri Journal of Dental Sciences*, vol. 30, no. 2, 2024.
- D6.** Güçyetmez Topal B., Çelik İ. H., Yiğit T., "Assessment of the Eruption Stages of Permanent First Molars According to Body Mass Index in A Six-Year-Old Child Population Living in Afyonkarahisar, Turkey", *Aydın Dental Journal*, vol. 9, no. 3, 2023.
- D7.** Güçyetmez Topal B., Yiğit T., Falay S. B., "THE DENTISTS' ATTITUDES AND KNOWLEDGE LEVEL ABOUT TEETHING GELS", *Afyon Kocatepe Üniversitesi Kocatepe Tıp Dergisi*, vol. 24, no. 3, pp. 293-299, 2023.
- D8.** Güçyetmez Topal B., Elmas M., Tıraş M., "Oral and Dental Findings of A Child with Weill-Marchesani Syndrome Type II: A Case Report with 3-Year Follow-up Weill-Marchesani Tip II Sendromlu Bir Çocuk Hastanın Oral ve Dental Bulguları: 3 Yıllık Takipli Olgu Sunumu", *Selçuk Dental Journal*, 2023.
- D9.** Güçyetmez Topal B., Yiğit T., Tıraş M., Gökçe Meydan E., Ünal M., "EVALUATION OF THE CHILDREN WITH BLACK TOOTH STAIN ACCORDING TO THE SEVERITY OF THE STAIN AND THE NUMBER OF AFFECTED PRIMARY TEETH: A CROSS-SECTIONAL STUDY", *Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi*, vol. 29, no. 2, pp. 277-285, 2023.
- D10.** Falakaloğlu S., Silva E., Güçyetmez Topal B., İriboz E., Gündoğar M., "SHAPING ABILITY OF MODERN NICKEL-TITANIUM ROTARY SYSTEMS ON THE PREPARATION OF PRINTED MANDIBULAR MOLARS", *The Journal of Conservative Dentistry*, vol. 25, no. 4, pp. 498-503, 2022.
- D11.** Güçyetmez Topal B., Tıraş M., Tanrıku A., "ASSESSMENT OF YOUTUBE VIDEOS AS A PARENT INFORMATION SOURCE FOR TEETHING SYMPTOMS", *Cumhuriyet Dental Journal*, vol. 25, pp. 114-118, 2022.
- D12.** Güçyetmez Topal B., Falay S. B., "ÇOCUK DIŞ HEKİMLİĞİNDE BULANTI VE KUSMA REFLEKSİNİN YÖNETİMİ", *Geleneksel ve Tamamlayıcı Tıp Dergisi*, vol. 4, no. 2, pp. 275-283, 2021.
- D13.** Yiğit T., Ezberci S., Güçyetmez Topal B., "EVALUATION OF ANTIBIOTIC PRESCRIBING PATTERNS IN PAEDIATRIC DENTAL PATIENTS: CROSS - SECTIONAL EPIDEMIOLOGICAL STUDY", *Balkan Journal of Dental Medicine*, vol. 25, no. 2, pp. 122-128, 2021.
- D14.** Güçyetmez Topal B., Uğur S. G., "KURKUMİNİN DIŞHEKİMLİĞİNDE KULLANIM ALANLARI", *Dental and Medical Journal - Review*, vol. 3, no. 3, pp. 15-24, 2021.
- D15.** Güçyetmez Topal B., Tıraş M., "DIŞ KÖKLERİNİ ETKİLEYEN GELİŞİMSEL ANOMALİLER", *Dental and Medical Journal - Review*, vol. 2, no. 3, pp. 111-126, 2020.
- D16.** Güçyetmez Topal B., "DIŞ HEKİMLERİNİN PEDIATRİK ONKOLOJİ HASTALARINDAKİ DENTAL TEDAVİLERE YAKLAŞIMLARI", *Osmangazi Tıp Dergisi*, pp. 50-57, 2020.
- D17.** Güçyetmez Topal B., Falakaloğlu S., Falay S. B., "EVALUATION OF DENTAL TRAUMA RELATED POSTS ON INSTAGRAM", *European Journal of Research in Dentistry*, vol. 1, no. 4, pp. 18-24, 2020.
- D18.** Güçyetmez Topal B., Kırzioğlu Z., Koşkan Ö., "SÜRMEKTE OLAN DAİMİ BİRİNCİ BÜYÜK AZI DIŞLERE UYGULANAN FARKLI FİSSÜR ÖRTÜCÜLERİN RETANSİYON AÇISINDAN KARŞILAŞTIRILMASI", *Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi*, vol. 23, no. 1, pp. 24-32, 2017.
- D19.** Kırzioğlu Z., Güçyetmez Topal B., "ÇOCUKLARDAKİ DIŞ KAYNAKLI DIŞ RENKLENMELERİNDE KROMOJENİK BAKTERİLERİN ROLÜ", *Acta Odontologica Turcica*, vol. 33, no. 3, pp. 161-165, 2016.
- D20.** Güçyetmez Topal B., Kırzioğlu Z., "TÜKÜRÜK VE NEM KONTAMİNASYONUNUN FİSSÜR ÖRTÜCÜ BAŞARISIZLIĞINDAKİ ROLÜ", *Süleyman Demirel Üniversitesi Sağlık Bilimleri Dergisi*, vol. 7, no. 3, pp. 45-50, 2016.