

Prof. Dr. Ece EDEN (KOPARAL)

She graduated from Ege University Faculty of Dentistry in 1988.

In 1995, she completed the PhD program in Health Sciences on Pedodontics.

She became an associate professor in pediatric dentistry in 2000 and a professor in 2006.

She has been the head of Turkish Pediatric Dentistry Association Izmir Chamber in 2015-2017.

She has been the head of the Turkish Dental Association, Community Oral Health Education Committee in 2016-2018.

Currently, she is working as a professor in E.U. Faculty of Dentistry Department of Pedodontics.

Her carrier interests include preventive dentistry, minimally invasive approaches, and dental trauma.

She has published numerous articles in scientific journals in English and Turkish.

List of SCI-expanded articles are as follow:

1. Koparal E, Eronat C, Eronat N, In vivo assessment of dental plaque pH changes in children after ingestion of snack foods, ASDC J Dent Child, Nov-Dec 1998, 65(6): 478-483.
2. Koparal E, Akdeniz BG, Quantification of lamina dura and dentin density in children, ASDC J Dent Child, Sept.Dec. 2001, 68(5-6):335-338.
3. Koparal E, Koca H, Şen BH, Dens invaginatus in a primary molar: Report of case, ASDC J Dent Child, Jan Apr 2002, 69(1): 49-53.
4. Akdeniz BG, Koparal E, Şen BH, Ateş M, Denizci AA, Prevalance of Candida Albicans in oral cavities and root canals of children, ASDC J Dent Child. Sep-Dec 2002, 69(3):289-92.
5. Ugur ZA, Eden E, Türksoyer M, Çiçeklioğlu M, Evaluation of a dental health education program for midwives, J Public Health Dent, 2003, 63(4): 255-57.
6. Eden E, Topaloglu-Ak A, Frencken JE, Van't Hof M, Survival of self-etch adhesive Class II composite restorations using ART and conventional cavity preparations in primary molars. Am J Dent, Dec 2006, 19(6):359-63.

- 7.** Eden E, Yanar ÇS, Sönmez Ş, Reattachment of subgingivally fractured central incisor with an open apex, *Dent Traumatology*, June 2007;23(3):184-9.
- 8.** Ak TA, Eden E, Frencken J, Perceived dental anxiety among school children treated through three caries removal approaches, *J Appl Oral Sci*, May-June 2007, 15(3):235-40.
- 9.** Ersin N, Eden E, Eronat N, Totu I, Ateş M, Effectiveness of 2-year school-based chlorhexidine varnish, sodium fluoride gel and dental health education programs in high-risk adolescents, *Quint Int*, Feb 2008, 39(2) :e45-51.
- 10.** Eden E, Ak TA, Cuijpers V, Frencken JE, Micro-CT in measuring marginal leakage of Class II composite resin restorations in primary molars prepared in vivo, *Am J Dent*. Dec 2008, 21(6):393-7.
- 11.** Ak TA, Eden E, Taşdemir Ö, Treatment of sequelae in permanent dentition after severe trauma in primary dentition, *Dent Traumatol Nov. Dent Traumatol*, Oct 2008, 24(5):e31-3.
- 12.** Ertugrul F, Eden E, İlgenli T, Multidisciplinary treatment of complicated subgingivally fractured permanent central incisors: Two case reports, *Dent Traumatology Dent Traumatol*, Dec 2008, 24(6):e61-6.
- 13.** Eden E, Pamir T, Ahmed SS, Shear bond strengths of restorations applied to enamel-dentin fractures: An in vitro study, *Clin Oral Investig*, Mar 2009, 13(1):49-118.
- 14.** Topaloglu Ak A, Eden E, Frencken J, Önçağ Ö, Two years survival rate of class II composite resin restorations prepared by ART with and without a chemomechanical caries removal gel in primary molars. *Clin Oral Investig*, Sep 2009, 13(3):325-32.
- 15.** Topaloglu Ak, A, Eden, E. "Caries in Primary Molars of 6–7-year-old Turkish Children as Risk Indicators for Future Caries Development in Permanent Molars", *J Dent Sci*, 2010, **5**, 150–155.
- 16.** Özdemir Y, Akın A, Eden E, Management of multiple sequelae in permanent dentition: 3 years follow-up, *Dent Traumatol*, Feb 2011, 27(1):67-70.
- 17.** Topaloglu Ak A, Ertugrul F, Eden E, Ates M, Bulut H, Effect of orthodontic appliances on salivary streptococcus mutans, lactobacilli sp and candida albicans: 6 months follow up, *J Clinical Pediatric Dentistry*, 2011, **35**, 433-436.

- 18.** Pamir T, Eden E, Ahmed SS, Shear bond strengths of restorations applied to enamel-dentin fractures: An in vitro study, *Dent Traumatol.* 2012 Apr;28(2):153-7.
- 19.** Frencken JE, Peters MC, Manton DJ, Leal SC, Gordan VV, Eden E, Minimal intervention dentistry for managing dental caries-a review, Report of a FDI task group, *International Dental Journal* 2012; 62: 223–243.
- 20.** Yetkiner-Aykut A, Eden E, Ertuğrul F, Ergin E, Ateş M, Antibacterial efficacy of prophylactic ozone treatment on patients with fixed orthodontic appliances, *Acta Odontologica Scand* (doi: 10.3109/00016357.2013.786838), 2013
- 21.** Yetkiner E, Ozcan M, Wegehaupt FJ, Wiegand A, Eden E, Attin T, Effect of a Low-viscosity Adhesive Resin on the Adhesion of Metal Brackets to Enamel Etched with Hydrochloric or Phosphoric Acid Combined with Conventional Adhesives, *J Adhes Dent.* 2013 Apr 16. doi: 10.3290/j.jad.a29607
- 22.** Kuter B, Eden E, Yıldız H, The Effect of Heat on the Mechanical Properties of Glass Ionomer Cements, *European J of Paediatric Dentistry*, June 2013, 14(2):90-4.
- 23.** Eden E, Taviloğlu E, Restoring crown fractures by direct composite layering using transparent strip crowns. *Dent Traumatol*, APR 2016, 32(2):156-160.
- 24.** Eden E. Reply to the Editorial published in issue 2/2005 on nutrition and dentistry. *Eur J Paediatr Dent.* 2015;16(3):176.
- 25.** [Aykut-Yetkiner A](#), [Ertuğrul F](#), [Eden E](#), [Aladağ A](#), [Ergin E](#), [Özcan M](#), Color assessment after bleaching with hydrogen peroxide versus ozone: A randomized controlled clinical trial, *Gen Dent*, [Gen Dent](#). 2017 Jul-Aug;65(4):e12-e17.
- 26.** Kayıllıoğlu Zencircioğlu Ö, Eden E, Öcek ZA, Access to health care after dental trauma in children: A quantitative and qualitative evaluation, *Dent Traumatol* 2019 June, 35(3): 163-170 doi: 10.1111/edt.12467. Epub 2019 Mar 18.
- 27.** Eden E, Baysal M, Andersson L, Eden Baysal Dental Trauma Index: Face and content validation, *Dent Traumatol* 4 Nov 2019 kabul, 2020 Apr,36(2):117-123, DOI:10.1111/edt.12525
- 28.** Peker K, Eden E, Topaloğlu Ak S, Uysal Ö, Bermek G, Psychometric evaluation of the child oral impacts on Daily performances (C-OIDP) for use in Turkish

primary school children: a cross sectional validation study, *BMC Oral Health*, 2020 Jun 19, 20(1):173, doi: 10.1186/s12903-020-01162-y.

- 29.** Eden E, Frencken J, Gao S, Horst J.A, Innes N, Managing dental caries against the backdrop of COVID-19: approaches to reduce aerosol generation, *Br Dent J*. 2020 Oct; 229(7):411-16, doi: 10.1038/s41415-020-2153-y. Epub 2020 Oct 9.

List of International Articles

1. Sabah E, Eden E, Ünal T, Odontodysplasia: Report of a case, J Clin Pediatr Dent, 16(2): 115-118, 1992.
2. Eronat N, Eden E, A comparative study of some influencing factors of rampant or nursing caries in preschool children, J Clin Pediatr Dent, 16(4): 275-279, 1992.
3. Koparal E, İlgenli T, Reattachment of a subgingivally fractured central incisor tooth fragment: report of a case, J Clin Pediatr Dent, 23(2):113-116, 1999.
4. Koparal, E., Ertuğrul, F., Sabah, E., "Effect of chewing gum on plaque acidogenicity," J Clin Pediatr Dent, 24(2), 129-132, 2000.
5. Koparal, E. Ertuğrul, F., Öztekin, K., "Fluoride levels in breast milk and infant foods," J Clin Pediatr Dent, 24(4), 299-302, 2000.
6. Koparal E, Alpöz AR, Sabah E, Root canal canal treatment criteria for primary teeth, Balkan J Stomatol, 5:224-227, 2001.
7. Koparal, E., Ertuğrul, F., Eronat, N., "Investigation of dental health education on school-children with special reference to socioeconomic status," Balk J Stomatol, 7(2), 121-125, 2003.
8. Eden E, Elbek Ç, Sabah E, İçöz Ö, Coşkun S, Supernumerary teeth: Review of the literature and survey of 50 cases, Balkan J Stomatol, 7(3):180-183, 2003.
9. Eden E, Eronat N, Ersin N, Totu İ, Dental health education: Assessing knowledge following two different educational techniques, Balk J Stomatol, Mart 2005'te kabul edilmiştir.
10. Eden E, Önçağ Ö, Active Classroom Teaching (ACT) for healthy teeth, Balk J Stomatol, 11:53-57, 2007.
11. Eden E, Ertuğrul F, Önçağ Ö, Fluoride contents in teas and investigation of children's tea consumption in relation to socioeconomic status, Balk J Stomatol, 11(3):171-174, 2007.
12. Topaloğlu Ak A, Eden E, Ertuğrul F, Sütekin E, Supernumerary primary tooth with facial and palatal talon cusps: a case report, J Dent Child (Chic). 75(3):309-12, Sep-Dec 2008.

13. Eden E, Çoğulu D, Çengelci B, Assessment of dental anxiety in children: Effect of oral health education, *Balk J Stom* 12:51-56, 2008.
14. Topaloglu-Ak A, Eden E, Frencken JE, Managing dental caries in children in Turkey- A discussion paper, *BMC Oral Health* 25:9:32, Nov 2009.
15. Kuter B, Eden E, Şen HB, The effect of heat on the surface properties of conventional glass ionomer cements: SEM evaluation, *Balkan J Stomatol*, 14:65-71, 2010.
16. Gülce İz S, Ertuğrul F, Eden E, Gürhan DSİ, In vitro cytotoxicities of mouthwashes including chlorhexidine, *Türkiye Klinikleri, J Dental Sci* 2012;18(3):277-82.
17. Eden E, Çoğulu D, Attin T, The effect of finishing and polishing systems on surface roughness, microhardness and microleakage of nanohybrid composite, *J International Dental and Medical Research* ISSN 1309-100X, 5(3):155-160, 2012.
18. Çubukçu ÇE, Eden E, Pamir T, Microleakage of three single-bottle self-etch adhesives having different solvents”, *General Dentistry, Gen Dent* 2013 Aug, 61(5):e:18-21.
19. İz S G, Ertuğrul F, Eden E, Günhan SID, Biocompatibility of glassionomer cements with and without chlorhexidine, *European J Dent*, 7(5) suppl:598-593, 2013.
20. Daou M, Eden E, El Costa N, Age and reasons of first dental visit of preschool children from high socioeconomic status in Lebanon, *Lebanese Medical Journal*, 64(1):18-22, 2016.
21. Kılınç G, Akay A, Eden E, Sevinç N, Ellidokuz H, EVALUATION OF CHILDREN’S DENTAL ANXIETY AT KINDERGARTEN AND THE DENTAL CLINIC, [Braz Oral Res](#). 2016 Aug 18;30(1). pii: S1806-83242016000100701. doi: 10.1590/1807-3107BOR-2016.vol 30.0072.
22. Eden, E., Antimicrobials in Caries Prevention, *Clin Dent Rev* (2017) 1: 11. <https://doi.org/10.1007/s41894-017-0011-3>
23. Eden E, Topaloğlu AK A, Özgenç F, Aksu G, Ergin E, Effect of short-term probiotic yogurt consumption on caries risk factors in infants, *J Pediatr Res* 2019;6(1):12-17.

24. Eden E, Akyıldız BM, Sönmez I. Comparison of Two School-Based Oral Health Education Programs in 9-Year-Old Children. *International Quarterly of Community Health Education*, Apr 2019, 39(3):189-196, doi:10.1177/0272684X18819980.
25. Kuru EH, Eden E, Success of Two Caries Risk Assessment Tools in Children: A Pilot Study With a 3-Year Follow-up, *International Quarterly of Community Health Education*, 2020 Jul, 40(4):317-320, doi: 10.1177/0272684X19892356.
26. Öcek Z., Eden E., Yücel U., Ciceklioglu M. Effects of an oral health program: community-based education among mothers of young children living in socioeconomically disadvantaged neighborhoods, *Journal of Education and Health Promotion*, 2020 Feb, 28(9):40, doi:10.4103/jehp.jehp_434_19. eCollection 2020

Books:

The book entitled 'Traumatic Dental Injuries – Handbook' by Andreasen O et.al. has been translated by her in 2014. (Vestiye Yayın Grubu, İstanbul, 2014 ISBN 978-975-6250-22-8)

She is the editor and two chapters' author of the book "Evidence Based Caries Prevention" published by Springer publishing house in 2016. (Eden E, Evidence Based Caries Prevention, Springer International Publishing 2016 Switzerland, ISBN 978-3-319-40034-1 (eBook), DOI 10.1007/978-3-319-40034-1)

She has been one of the translator editors of 'Contemporary Treatment Techniques in Pediatric Dentistry, Meenakshi S. Kher, Ashwin Rao' published in 2021.

She has lectured in International and National Congresses. Here are some examples from International congresses in different countries:

1. Eden E, Minimal Invasive Dentistry, The first International Conference of the Egyptian Society for Pediatric Dentistry and Children with Special Needs, Cairo-Egypt, 4-6 March 2009.
2. Eden E, Atraumatic Restorative Treatment, The first International Conference of the Egyptian Society for Pediatric Dentistry and Children with Special Needs, Cairo-Egypt, 4-6 March 2009.

3. Eden E, Minimal Intervention Dentistry, The 1st China International Workshop on Paediatric Dentistry, Xi'an, China, 30 June 2012.
4. Eden E, ART: Current status and future expectations, 24th International Association of Pediatric Dentistry, 12-15 June 2013 Seoul, S Korea.
5. Eden E, Endodontic considerations in young trauma patients, 1st Asian Endodontic Forum, 14-15 July 2013, Manila, Philippines.
6. Eden E, Preventive dental treatment of patients with special needs, Philippine Pediatric Dental Society Seminar, 15 July 2013, Manila, Philippines.
7. Eden E, Evidence based preventive dentistry, FDI 2014 Annual World Congress, 11-14 September 2014, Greater Noida, India.
8. Eden E, Endodontic considerations in young trauma patients, 3rd International Conference of ESPSN, 6-7 May 2015, Cairo, Egypt.
9. Kuru E, Eden E, Caries risk assessment in preschool children with two different methods: 3 years follow-up, FDI Poznan 2016, 7-10 September 2016, Poznan, Poland.
10. Eden E, Improving oral health of young children by educating mothers: from pregnancy to 3 years-old, FDI Poznan 2016, 7-10 September 2016, Poznan, Poland.
11. Eden E, Make a difference with preventive dentistry, 64th International Association of Dental Students Mid-year Meeting, 12-18 March 2018, Northern Cyprus
12. Eden E, Early Childhood Caries: Problems of the very young and role of the family, FDI 2018 World Dental Congress, 5-8 September 2018, Buenos Aires, Argentina.
13. Eden E, Sancaklı Şar H, Defending caries through every phase of life, FDI 2018 World Dental Congress, 5-8 September 2018, Buenos Aires, Argentina.
14. Eden E, Treatment Principles and Prognosis in Dental Trauma with Challenging Cases, FDI 2018 World Dental Congress, 5-8 September 2018, Buenos Aires, Argentina.