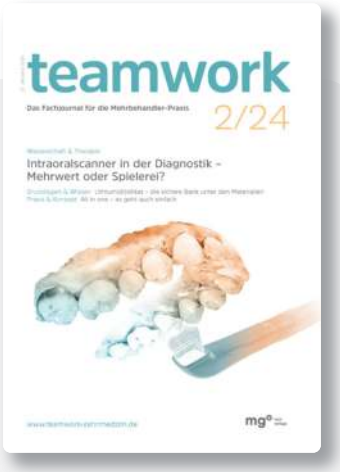

Intraoralscanner in der Diagnostik

Mehrwert oder Spielerei?

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Literaturangabe

1. 1. Schlenz MA, Schulz-Weidner N, Olbrich M, Buchmann D, Wostmann B (2023) Insights on the digitalisation of dental practices: A cross-sectional pilot study in Hesse. Int J Comput Dent 0:0 [Epub ahead of print]. https://doi.org/10.3290/j.ijcd.b4494409
2. Jordan AR, Micheelis W (2016) Fünfte Deutsche Mundgesundheitsstudie (DMS V). Deutscher Zahnärzte Verlag DÄV, Köln
3. Wetselaar P, Lobbezoo F (2016) The tooth wear evaluation system: a modular clinical guideline for the diagnosis and management planning of worn dentitions. J Oral Rehabil 43:69-80. https://doi.org/10.1111/joor.12340
4. Bartlett D, Ganss C, Lussi A (2008) Basic Erosive Wear Examination (BEWE): a new scoring system for scientific and clinical needs. Clin Oral Investig 12 Suppl 1:S65-8. https://doi.org/10.1007/s00784-007-0181-5
5. Schlenz MA, Schlenz MB, Wöstmann B, Jungert A, Ganss C (2021) Intraoral scanner-based monitoring of tooth wear in young adults: 12-month results. Clin Oral Investig 26:1869-1878 . https://doi.org/10.1007/s00784-021-04162-6
6. Schlenz MA, Schlenz MB, Wöstmann B, Glatt AS, Ganss C (2023) Intraoral scanner-based monitoring of tooth wear in young adults: 24-month results. Clin Oral Investig 27:2775-2785. https://doi.org/10.1007/s00784-023-04858-x
7. Giese-Kraft K, Jung K, Schlueter N, Vach K, Ganss C (2022) Detecting and monitoring dental plaque levels with digital 2D and 3D imaging techniques. PLoS One 17:e0263722. https://doi.org/10.1371/journal.pone.0263722
8. Jung K, Giese-Kraft K, Fischer M, Schulze K, Schlueter N, Ganss C (2022) Visualization of dental plaque with a 3D-intraoral-scanner-A tool for whole mouth planimetry. PLoS One 17:e0276686. https://doi.org/10.1371/journal.pone.0276686
9. Doi K, Yoshiga C, Oue H, Kobatake R, Kawagoe M, Umehara H, Wakamatsu K, Tsuga K (2024) Comparison of plaque control record measurements obtained using intraoral scanner and direct visualization. Clin Exp Dent Res 10:e852. https://doi.org/10.1002/cre2.852
10. Axelsson P, Nystrom B, Lindhe J (2004) The long-term effect of a plaque control program on tooth mortality, caries and periodontal disease in adults. Results after 30 years of maintenance. J Clin Periodontol 31:749-57. https://doi.org/10.1111/j.1600-051X.2004.00563.x
11. Kapor S, Rankovic MJ, Khazaei Y, Crispin A, Schuler I, Krause F, Lussi A, Neuhaus K, Eggmann F, Michou S, Ekstrand K, Huysmans MC, Kuhnisch J (2021) Systematic review and meta-analysis of diagnostic methods for occlusal surface caries. Clin Oral Investig 25:4801-4815. https://doi.org/10.1007/s00784-021-04024-1
12. Schulz-Weidner N, Gruber M, Wöstmann B, Uebereck CF, Krämer N, Schlenz MA (2024) Occlusal Caries Detection with Intraoral Scanners in Pediatric Dentistry: A Comparative Clinical Study. J Clin Med 13:925. https://doi.org/10.3390/jcm13040925
13. Schulz-Weidner N, Gruber M, Schraml EM, Wooöstmann B, Krämer N, Schlenz MA (2024) Improving the Communication of Dental Findings in Pediatric Dentistry by Using Intraoral Scans as a Visual Aid: A Randomized Clinical Trial. Dent J (Basel) 12:15. https://doi.org/10.3390/dj12010015