

Literaturliste

Visuelle und instrumentelle Verfahren zur Diagnose der okklusalen Karies

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1. Bader JD, Shugars DA: A systematic review of the performance of a laser fluorescence device for detecting caries. *J Am Dent Assoc* 135, 1413-1426 (2004)
2. Clerehugh V, Blinkhorn AS, Downer MC, Hodge HC, Rugg-Gunn AJ, Mitropoulos CM, Worthington HV: Changes in the caries prevalence of 11-12-year-old schoolchildren in the North-West of England from 1968 to 1981. *Community Dent Oral Epidemiol* 11, 367-370 (1983)
3. Eberhart J, Frentzen M, Thoms M: Neue optische Methoden zur Kariesdetektion – Fluoreszenzbasierte Verfahren zur Erkennung nichtkavittierter Läsionen. *ZWR* 116, 148-156 (2007)
4. Glass RL (ed.): The first international conference on the declining prevalence of dental caries. *J Dent Res* 61 (Spec Iss), 1304-1383 (1982)
5. Heinrich-Weltzien R, Weerheijm K, Kühnisch J, Oehme T, Stößer L: Clinical evaluation of visual, radiographic, and laser fluorescence methods for detection of occlusal caries. *ASDC J Dent Child* 69, 127-132 (2002)
6. Hibst R: Optische Messmethoden zur Kariesdiagnose. *ZWR* 108, 50-55 (1999)
7. Huth KC, Neuhaus KW, Gygax M, Bücher K, Crispin A, Paschos E, Hickel R, Lussi A: Clinical performance of a new laser fluorescence device for detection of occlusal caries lesions in permanent molars. *J Dent* 36, 1033-1040 (2008)
8. Ie YL, Verdonschot EH: Performance of diagnostic systems in occlusal caries detection compared. *Community Dent Oral Epidemiol* 22, 187-191 (1994)
9. Iffland S, Kühnisch J, Heinrich-Weltzien R: Die quantitative lichtinduzierte Fluoreszenz (QLF). *ZWR* 113, 254-258 (2004)
10. Jablonski-Momeni A, Stachniss V, Ricketts DN, Heinzl-Gutenbrunner M, Pieper K:
Reproducibility and accuracy of the ICDAS-II for detection of occlusal caries in 7 vitro. *Caries Res* 42: 79-87 (2008a)
11. Jablonski-Momeni A, Stachniss V, Ricketts D, Heinzl-Gutenbrunner M, Stoll R, Pieper K: Validierung des ICDAS-II zur Diagnose der Fissurenkaries. *Dtsch Zahnarzt Z* 63: 343-349 (2008b)
12. Jablonski-Momeni A, Stoll R: Das International Caries Detection and Assessment System (ICDAS-II) - Vorstellung eines visuellen Verfahrens der Kariesdiagnose. *Dentalhygienejournal* 2, 6-8 (2009)

13. Jablonski-Momeni A, Ricketts DNJ, Heinzl-Gutenbrunner M, Stoll R, Stachniss V, Pieper K: Impact of Scoring Single or Multiple Occlusal Lesions on Estimates of Diagnostic Accuracy of the Visual ICDAS-II System. *Int J Dent* Volume 2009, doi:10.1155/2009/798283 (2009)
14. Jablonski-Momeni A, Ricketts DNJ, Weber K, Ziomek O, Heinzl-Gutenbrunner M, Schipper HM, Stoll R, Pieper K: Effect of Different Time Intervals between Examinations on the Reproducibility of ICDAS-II for Occlusal Caries. *Caries Res* 44, 267–271 (2010a)
15. Jablonski-Momeni A, Ricketts DNJ, Rolfsen S, Stoll R, Heinzl-Gutenbrunner M, Stachniss V, Pieper K: Performance of laser fluorescence at tooth surface and histological section. *Lasers Med Sci*, DOI 10.1007/s10103-010-0768-y (2010b)
16. Jablonski-Momeni A, Schipper HM, Rosen SM, Heinzl-Gutenbrunner M, Roggendorf MJ, Stoll R, Stachniss V, Pieper K: Performance of a fluorescence camera for detection of occlusal caries in vitro. *Odontology* (2010c, in press)
17. Jablonski-Momeni A, Schipper HM, Rosen SM, Stachniss V, Pieper K: Quantitative Erfassung der okklusalen Karies - Validierung einer fluoreszenzbasierten Kamera zur Diagnose der Fissurenkaries. *Teamwork J Cont Dent Educ* (2010d, in press)
18. Kühnisch J, Tabatabaie M, Viergutz G, Zraiki S, Hetzer G, Stösser L, Heinrich-Weltzien R: Vergleichende In-vitro-Untersuchungen von zwei Verfahren zur elektrischen Widerstandsmessung an nicht kavitierten Okklusalfächern. *Dtsch Zahnärztl Z* 61, 131-136 (2006a)
19. Kühnisch J, Iffland S, Tranaeus S, Angmar-Månsson B, Hickel R, Stösser L, Heinrich-Weltzien R: Establishing quantitative light-induced fluorescence cutoffs for the detection of occlusal dentine lesions. *Eur J Oral Sci* 114, 483-488 (2006b).
20. Kühnisch J, Haak R, Buchalla W, Heinrich-Weltzien R: Kariesdetektion und – diagnostik bei Kindern und Jugendlichen. *Oralprophylaxe Kinderzahnheilkd* 29, 166-171 (2007a)
21. Kühnisch J, Iffland S, Tranaeus S, Hickel R, Stösser L, Heinrich-Weltzien R: In vivo detection of non-cavitated caries lesions on occlusal surfaces by visual inspection and quantitative light-induced fluorescence. *Acta Odontol Scand* 65, 183-188 (2007b)
22. Longbottom C, Huysmans MC, Pitts N, Los P, Bruce PG: Detection of dental decay and its extent using a.c. impedance spectroscopy. *Nat Med* 2, 235-237 (1996)
23. Lussi A: Comparison of different methods for the diagnosis of fissure caries without cavitation. *Caries Res* 27, 409-416 (1993)
24. Lussi A, Hibst R, Paulus R: DIAGNOdent: An optical method for caries detection. *J Dent Res* 83 (Spec Iss C), C80-C83 (2004) 8
25. Lussi A, Hellwig E: Performance of a new laser fluorescence device for the detection of occlusal caries in vitro. *J Dent* 34, 467-471 (2006)

26. Marthaler TM: Caries status in Europe and prediction of future trends. *Caries Res* 24, 381-396 (1990)
27. Micheelis W, Schiffner U: Vierte Deutsche Mundgesundheitsstudie (DMS IV). Institut der Deutschen Zahnärzte (Hrsg.). Deutscher Zahnärzterverlag DÄV, Köln 2006
28. Pieper K: Epidemiologische Begleituntersuchungen zur Gruppenprophylaxe 2004. Gutachten. DAJ, Bonn 2005
29. Pitts N: "ICDAS"- an international system for caries detection and assessment being developed to facilitate caries epidemiology, research and appropriate clinical management. *Commun Dent Health* 21, 193-198 (2004)
30. Pretty IA, Maupomé G: A closer look at diagnosis in clinical dental practice: part 5. Emerging technologies for caries detection and diagnosis. *J Can Dent Assoc* 70, 540 (2004)
31. Ricketts DNJ, Kidd E, Weerheijm K, de Soet H: Hidden caries: what is it? Does it exist? Does it matter? *Int Dent J* 47, 259-265 (1997)
32. Ricketts DNJ, Ekstrand KR, Kidd EA, Larsen T: Relating visual and radiographic ranked scoring systems for occlusal caries detection to histological and microbiological evidence. *Operative Dent* 27, 231-237 (2002)
33. Rodrigues JA, Hug I, Diniz MB, Lussi A: Performance of fluorescence methods, radiographic examination and ICDAS II on occlusal surfaces in vitro. *Caries Res* 42, 297-304 (2008)
34. Schiffner U, Reich E: Prävalenzen zu ausgewählten klinischen Variablen bei den Jugendlichen (12 Jahre). In: Institut der Deutschen Zahnärzte (Hrsg.), Micheelis W, Reich E (Gesamtbearbeitung): Dritte Deutsche Mundgesundheitsstudie (DMS III). Deutscher Ärzteverlag, Köln 1999
35. Schipper HM, Rosen SM, Jablonski-Momeni A: Einsatz von vier Verfahren für die Diagnose der Okklusalkaries durch unterschiedlich erfahrene Untersucher (Abstract). *Deutsche Zahnärztliche Z* 64, D58 (2009)
36. Schulte AG, Momeni A, Pieper K: Caries prevalence in 12-year-old children from Germany. Results of the 2004 national survey. *Community Dental Health* 23, 197-202 (2006)
37. Souza-Zaroni WC, Ciccone JC, Souza-Gabriel, AE, Ramos RP, Corona SAM, Palma-Dibb, RG: Validity and reproducibility of different combinations of methods for occlusal caries detection: an in vitro comparison. *Caries Res* 40, 194-201 (2006)
38. Steiner M, Menghini G, Curilovic Z, Marthaler T: Kariesbefall der Schüler der Stadt Zürich im Zeitraum 1970-1993. *Schweiz Monatsschr Zahnmed* 104, 1210-1218 (1994)

39. Stübel H: Die Fluoreszenz tierischer Gewebe im ultra-violetten Licht. Pfluegers Arch Ges Physiol 142, 1-14 (1911)
40. Tranaeus S, Shi XQ, Angmar-Månsson B: Caries risk assessment: methods available to clinicians for caries detection. Community Dent Oral Epidemiol 33, 265-273 (2005)
9
41. Weerheijm KL, Gruythuysen RJM, van Amerongen WE: Prevalence of hidden caries. J Dent Child 59, 408-412 (1992)