Literaturliste

Der Stellenwert neuer Technologien

H. Tassery, M. Acquaviva, C. Cautain, M.-N. Beverini, E. Terrer/Marseille; A. Slinami/Montreal

DENTALZEITUNG 2/2015

1. Tassery H, Levallois B, Terrer E, Manton D, Otsuki M, Koubi S, Gugnani N, Panayotov I, Jacquot B, Cuisinier F, Rechmann P. Use of new minimum intervention dentistry technologies in caries management. Aust Dent J. 2013 Jun; 58 Sup-pl 1:40–59.

2. Fisher J, Glick M, FDI World Dental Federation Science Committee. A new model for caries classification and management: the FDI World Dental Federation caries matrix. J Am Dent Assoc. 2012 Jun; 143 (6): 546–51.

3. Mitropoulos CM. The use of fibre-optic transillumination in the diagnosis of posterior approximal caries in clinical trials. Caries Res.1985; 19(4): 379–384.

4. Deery C, Care R, Chesters R, Huntington E, Stelmachonoka S, Gudkina Y. Prevalence of dental caries in Latvian 11- to 15-year-old children and the enhanced diagnosis yield of temporary tooth separation, FOTI and electronic caries measurement. Caries Res. 2000 Feb; 34(1): 2–7.

5. Cortes DF, Ellwood RP, Ekstrand KR. An in vitro comparison of a combined FOTI/visual examination of occlusal caries with other caries diagnosis methods and the effect of stain on their diagnosis performance. Caries Res. 2003 Feb; 37(1): 8–16.

6. Rechmann P, Charland D, Rechmann BMT, Featherstone JDB. Performance of laser fluorescence devices and visual examination for the detection of occlusal caries in permanent molars. J Biomed Opt. 2012 Mar;17(3):036006.

7. Lussi A. Comparison of different methods for the diagnosis of fissure caries without cavitation. Caries Res. 1993; 27(5): 409–416.

8. Lussi A, Reich E. The influence of toothpastes and prophylaxis pastes on fluorescence measurements for caries detection in vitro. Eur J Oral Sci. 2005 Apr; 113(2): 141–144.

9. Hamilton JC, Gregory WA, Valentine JB. DIAGNOdent measurements and correlation with the depth and volume of minimally invasive cavity preparations. Oper Dent 2006 Jun; 31 (3): 291–296.

10. Lennon AM, Buchalla W, Rassner B, Becker K, Attin 1'. Efficiency of 4 caries excavation methods compared. Oper Dent. 2006 Oct; 31(5): 551–555.

11. Lennon AM, Attin T, Martens S, Buchalla W. Fluorescence-aided caries excavation (FACE), caries detector, and conventional caries excavation in primary teeth. Pediatr Dent. 2009 Aug; 31(4): 316–319.

12. Hafstrom-Bjorkman U, Sundstrom F, de Josselin de Jong E., Oliveby A, Angmar-Mansson B. Comparison of laser fluorescence and longitudinal microradiography for quantitative assessment of in vitro enamel caries. Caries Res. 1992; 26(4): 241–247.

13. Emami Z, al-Khateeb S, de Josselin de Jong E, Sundstrom Trollsfis K, Angmar-Mansson B. Mineral loss in incipient caries lesions quantified with laser fluorescence and longitudinal microradiography. A methodologic study. Acta Odontol Scand. 1996 Feb; 54(1): 8–13.

14. al-Khateeb S, ten Cate JM, Angmar-Mansson B, de Josselin de Jong E, Sundstrom, Exterkate RA, Oliveby A. Quantification of formation and remineralization of artificial enamel lesions with a new portable fluorescence device. Adv Dent Res. 1997 Nov; 11(4): 502–506.

15. Garcia J, Mandelis A, Abrams S, Matvienko A. Photothermal radiometry and amodulated luminescence: application to dental caries detection. Handbook of biophotonics. Jiiegen Popp; 2011. p. 1047–1052.

16. Hellen A, Mandelis A,Finer Y, Amaechi BT. QuantitativeRemineralization evolution kinetics of artificially demineralized human enamel using photothermal radiometry and modulated luminescence. J Biophotonics. 2011 Nov; 4(11–12): 788–804.

17. Hellen A, Mandelis A, Finer Y, Amaechi BT. Quantitative evaluation of the kinetics of human enamel simulated caries using photothermal radiometry and modulated luminescence. J Biomed Opt. 2011 Jul; 16(7): 071406.

18. Hellen A, Matvienko A, Mandelis A, Finer Y, Amaechi BT. Op hermophysical properties of demineralized human dental ena determined using photothermally generated diffuse photon density and thermal-wave fields. Appl Opt 2010 Dec 20; 49(36): 6938–51.

19. Weisrock G, Terrer E, Couderc G, Koubi S, Levallois B, Manton D, Tassery H. Naturally aesthetic restorations and minimally invasive dentistry. J Minim Intery Dent 2011; 4(2): 23–34.

20. Terrer E, Koubi S, Dionne A, Weisrock G, Sarraquigne C, Mazuir A, Tassery H. A new concept in restorative dentistry: light-induced fluorescence evaluator for diagnosis and treatment. Part 1: Diagnosis and treatment of initial occlusal caries. J Contemp Dent Pract. 2009; 10(6): 86–94.

21. Terrer E, Raskin A, Koubi S, Dionne A, Weisrock G, Sarraquigne C, Tassery H. A new concept in restorative dentistry: LIFEDT-light-in-duced fluorescence evaluator for diagnosis and treatment: part 2 – treatment of dentinal caries. J Contemp Dent Pract. 2010; 11(1): E095-102.

22. Seremidi K, Lagouvardos P, Kavvadia K. Comparative in vitro validation of Vista-Proof and DIAGNOdent pen for occlusal caries detection in permanent teeth. Oper Dent. 2012 Jun; 37(3): 234–245.

23. Kiihnisch J, Heinrich-Weltzien R, Tabatabaie M, St6sser L, Huysmans MCD-NJM. An in vitro comparison between two methods of electrical resistance measurement for occlusal caries detection. Caries Res. 2006; 40(2): 10411.

24. Rock WP, Kidd EA. The electronic detection of demineralisation in occlusal fissures. Br Dent J. 1988 Apr 23; 164(8): 243–247.

25. Verdonschot EH, Bronkhorst EM, Burgersdijk RC, Konig KG, Schaeken MJ, Truin GJ. Performance of some diagnosis systems in examinations for small occlusal carious lesions. Caries Res.1992; 26(1): 59–64.

26. Rock WP, Kidd EA. The electronic detection of demineralisation in occlusal fissures. Br Dent J. 1988 Apr 23; 164(8): 243–247.

27. Pitts NB, Longbottom C, Hall A, Czajczynska-Waszkiewicz A, Los P, Masalski M, Biecek P, Christie AM. Diagnosis accuracy of an optimised AC impedance device to aid caries detection and monitoring. Caries research. 2008; (42): 185–238.

28. Pitts NB, Longbottom C, Ricketts D, Czajczynska-Waszkiewicz A. Hidden dentinal caries detection using a novel electrical impedance device. Available from: http://iadr.confex.com/iadr/2008Toronto/techprogram/abstract108999.htm

29. Guimera A, Calderon E, Los P, Christie AM. Method and device for bio-impedance measurement with hard-tissue applications. Physiol Meas. 2008 Jun; 29(6): S279–290.