

1. Going R E, Loesche W J, Grainger D A, Syed S A: The viability of microorganisms in carious lesions five years after covering with a fissure sealant. *J Am Dent Assoc* 97: 455-62 (1978)
2. Handelman S L, Washburn F, Wopperer P: Two-year report of sealant effect on bacteria in dental caries. *J Am Dent Assoc* 93: 967-70 (1976)
3. Hintze H, Wenzel A, Danielsen B, Nyvad B: Reliability of visual examination, fibre-optic transillumination, and bite-wing radiography, and reproducibility of direct visual examination following tooth separation for the identification of cavitated carious lesions in contacting approximal surfaces. *Caries Res* 32: 204-9 (1998)
4. Kidd E A M, Fejerskov O: Prevention of dental caries and the control of disease progression: concepts of preventive non-operative treatment. In: Fejerskov O, Kidd E A M, (Eds): *Dental Caries*. Blackwell Munksgaard, Oxford, pp 167-69 (2003)
5. Kidd E A M, van Amerongen J P: The role of operative treatment. In: Fejerskov O, Kidd E A M, (Eds): *Dental caries: The disease and its clinical management*. Blackwell Munksgaard, Oxford, pp 245-50 (2003)
6. Mejare I, Kallestal C, Stenlund H, Johansson H: Caries development from 11 to 22 years of age: A prospective radiographic study. Prevalence and distribution. *Caries Res* 32: 10-6 (1998)
7. Mejare I, Stenlund H, Zelezny-Holmlund C: Caries incidence and lesion progression from adolescence to young adulthood: a prospective 15-year cohort study in Sweden. *Caries Res* 38: 130-41 (2004)
8. Mertz-Fairhurst E J, Schuster G S, Williams J E, Fairhurst C W: Clinical progress of sealed and unsealed caries. Part I: Depth changes and bacterial counts. *J Prosthet Dent* 42: 521-6 (1979)
9. Mertz-Fairhurst E J, Schuster G S, Fairhurst C W: Arresting caries by sealants: results of a clinical study. *J Am Dent Assoc* 112: 194-7 (1986)
10. Meyer-Lückel H: *Mikroinvasive Behandlung der Karies durch Kunststoffinfiltration (Habilitationsschrift): Charité - Universitätsmedizin Berlin, 2008.*
11. Meyer-Lueckel H, Paris S, Kielbassa A M: Surface layer erosion of natural caries lesions with phosphoric and hydrochloric acid gels. *Caries Res* 41: 223-30 (2007)
12. Meyer-Lueckel H, Paris S: Progression of artificial enamel caries lesions after infiltration with experimental light curing resins. *Caries Res* 42: 122-128 (2008a)
13. Meyer-Lueckel H, Paris S: Improved resin infiltration of natural caries lesions. *J Dent Res*: 1112-1116 (2008b)
14. Nyvad B: Diagnosis versus detection of caries. *Caries Res* 38: 192-8 (2004)
15. Paris S, Meyer-Lueckel H, Kielbassa A M: Resin infiltration of natural caries lesions. *J Dent Res* 86: 662-666 (2007)

16. Paris S, Bitter K, Renz H, Hopfenmueller W, Meyer-Lueckel H: Validation of two dual fluorescence techniques for confocal microscopic visualization of resin penetration into enamel caries lesions. *Microsc Res Tech*: (im Druck) (2009)
17. Paris S, Meyer-Lueckel H: Progression of resin infiltrated natural caries lesions in vitro. *J Dent Res* 88(Spec Iss B): (im Druck) (2009)
18. Pitts N B, Rimmer P A: An in vivo comparison of radiographic and directly assessed clinical caries status of posterior approximal surfaces in primary and permanent teeth. *Caries Res* 26: 146-52 (1992)
- 19.
- 20.