10. LITERATURVERZEICHNIS

Arends J, Christoffersen J: The nature of early caries lesions in enamel. J Dent Res, 1986; 65: 2-11

Arends J, Lodding A, Petersson LG: Fluoride uptake in enamel. In vitro comparison of topical agents. Caries Res, 1980; 14: 403-413

Bergmann KE, Bergmann RL: Salt fluoridation and general health. Adv Dent Res, 1995; 9: 138-143

Berkovitz BK, Robinson S, Moxham BJ, Patel D: Ultrastructural quantification of collagen fibrils in the central region of the articular disc of the temporomandibular joint of the cat and the guinea pig. Arch Oral Biol, 1992; 37: 479-481

Bjornstrom H, Naji S, Simic D, Sjostrom I, Twetman S: Fluoride levels in saliva and dental plaque after consumption of snacks prepared with fluoridated salt. Eur J Paediatr Dent, 2004; 5: 41-45

Bruun C, Givskov H: Release of fluoride from fluoride-containing chewing gum. Community Dent Oral Epidemiol, 1978; 6: 27-29

Bruun C, Lambrou D, Larsen MJ, Fejerskov O, Thylstrup A: Fluoride in mixed human saliva after different topical fluoride treatments and possible relation to caries inhibition. Community Dent Oral Epidemiol, 1982; 10: 124-129

Burt BA: Trends in caries prevalence in North American children. Int Dent J, 1994; 44: 403-413

Buskes JA, Christoffersen J, Arends J: Lesion formation and lesion remineralization in enamel under constant composition conditions. A new technique with applications. Caries Res, 1985; 19: 490-496

Cahen PM, Obry-Musset AM, Grange D, Frank RM: Caries prevalence in 6- to 15-year-old French children based on the 1987 and 1991 national surveys. J Dent Res, 1993; 72: 1581-1587.

Clark JW, More FG, Corpron RE, Korytnicki D, Kowalski CJ: Effects on artificial enamel lesions in vivo by exposure to NaF lozenges. Caries Res, 1986; 20: 465-472

Corpron RE, More FG, Clark JW, Korytnicki D, Kowalski CJ: In vivo remineralization of artificial enamel lesions by a fluoride dentifrice or mouthrinse. Caries Res, 1986; 20: 48-55

Creanor SL, Strang R, Telfer S, MacDonald I, Smith MJ, Stephen KW: In situ appliance for the investigation of enamel de- and remineralization. A pilot study. Caries Res, 1986; 20: 385-391

Darling AI, Mortimer KV, Poole DF, Ollis WD: Molecular sieve behaviour of normal and carious human dental enamel. Arch Oral Biol, 1961; 5: 251-273

Dawes C, Jenkins GN, Hardwick JL, Leach SA: The Relation between the Fluoride Concentrations in the Dental Plaque and in Drinking Water. Br Dent J, 1965; 119: 164-167

de Crousaz P, Marthaler TM, Wiesner V, Bandi A, Steiner M, Robert A, Meyer R: Caries prevalence in children after 12 years of salt fluoridation in a canton of Switzerland. Schweiz Monatsschr Zahnmed, 1985; 95: 805-815

Dijkman A, Huizinga E, Ruben J, Arends J: Remineralization of human enamel in situ after 3 months: the effect of not brushing versus the effect of an F dentifrice and an F-free dentifrice. Caries Res, 1990; 24: 263-266

Dijkman AG, Schuthof J, Arends J: In vivo remineralization of plaque-induced initial enamel lesions--a microradiographic investigation. Caries Res, 1986; 20: 202-208

Duckworth RM, Morgan SN, Murray AM: Fluoride in saliva and plaque following use of fluoride-containing mouthwashes. J Dent Res, 1987; 66: 1730-1734

Edgar WM, Geddes D: Plaque acidity models for cariogenicity factors affecting the cariogenic potential of foods. Caries Res, 1990; 60-71

Ekstrand J, Hardell LI, Spak CJ: Fluoride balance studies on infants in a 1-ppm-water-fluoride area. Caries Res, 1984; 18: 87-92

Ekstrand J, Oliveby A: Fluoride in the oral environment. Acta Odontol Scand, 1999; 57: 330-333

Estupinan-Day SR, Baez R, Horowitz H, Warpeha R, Sutherland B, Thamer M: Salt fluoridation and dental caries in Jamaica. Community Dent Oral Epidemiol, 2001; 29: 247-252

Fabien V, Obry-Musset AM, Hedelin G, Cahen PM: Caries prevalence and salt fluoridation among 9-year-old schoolchildren in Strasbourg, France. Community Dent Oral Epidemiol, 1996; 24: 408-411

Featherstone JD, Mellberg JR: Relative rates of progress of artificial carious lesions in bovine, ovine and human enamel. Caries Res, 1981; 15: 109-114

Featherstone JD, Zero DT: An in situ model for simultaneous assessment of inhibition of demineralization and enhancement of remineralization. J Dent Res, 1992; 71 Spec No: 804-810

Fejerskov O, Thylstrup A, Larsen MJ: Rational use of fluorides in caries prevention. A concept based on possible cariostatic mechanisms. Acta Odontol Scand, 1981; 39: 241-249

Frank RM: Structural events in the caries process in enamel, cementum, and dentin. J Dent Res, 1990; 69 Spec No: 559-566; discussion 634-556

Freni SC, Gaylor DW: International trends in the incidence of bone cancer are not related to drinking water fluoridation. Cancer, 1992; 70: 611-618

Gelhard TB, ten Cate JM, Arends J: Rehardening of artificial enamel lesions in vivo. Caries Res, 1979; 13: 80-83

Grobler SR, Reddy J, van Wyk CW: Calcium, phosphorus, fluoride, and pH levels of human dental plaque from areas of varying fluoride levels. J Dent Res, 1982; 61: 986-988

Gwinnett AJ: Structure and composition of enamel. Oper Dent, 1992; Suppl 5: 10-17

Haikel Y, Frank RM, Voegel JC: Scanning electron microscopy of the human enamel surface layer of incipient carious lesions. Caries Res, 1983; 17: 1-13

Hellwig E, Klimek J, Attin T: Einführung in die Zahnheilkunde. München-Jena, 2003

Hellwig E, Lussi A: What is the optimum fluoride concentration needed for the remineralization process? Caries Res, 2001; 35 Suppl 1: 57-59

Hicks MJ, Silverstone LM: Internal morphology of surface zones from acid-etched caries-like lesions: a scanning electron microscopic study. J Dent Res, 1985; 64: 1296-1301

Hintze H: Approximal caries prevalence in Danish recruits and progression of caries in the late teens: a retrospective radiographic study. Caries Res, 2001; 35: 27-35

Hodge H, Smith F: Disorders of mineral metabolism. Academic Press, 1981; pp. 439-483
Hoffmann-Axthelm W: Lexikon der Zahnmedizin. Berlin, 1995

Irigoyen ME, Sanchez-Hinojosa G: Changes in dental caries prevalence in 12-year-old students in the State of Mexico after 9 years of salt fluoridation. Caries Res, 2000; 34: 303-307

Jacobson AP, Stephen KW, Strang R: Fluoride uptake and clearance from the buccal mucosa following mouthrinsing (short communication). Caries Res, 1992; 26: 56-58

Keyes PH, Fitzgerald RJ: Dental caries in the Syrian hamster. IX. Arch Oral Biol, 1962; 7: 267-277

Kidd EAM, Mejare I, Nyvad B: Clinical and radiographic diagnosis. Dental caries: The disease and itsclinical management. Blackwell Munksgaard, 2003

Kidd EA, Pitts NB: A reappraisal of the value of the bitewing radiograph in the diagnosis of posterior approximal caries. Br Dent J, 1990; 169: 195-200

Kielbassa AM, Shohadai SP, Schulte-Monting J: Effect of saliva substitutes on mineral content of demineralized and sound dental enamel. Support Care Cancer, 2001; 9: 40-47

Klimm W: Kariologie. Carl Hauser Verlag, München Wien, 1997

Koulourides T, Phantumvanit P, Munksgaard EC, Housch T: An intraoral model used for studies of fluoride incorporation in enamel. J Oral Pathol, 1974; 3: 185-196
Koulourides T, Volker JF: Changes of Enamel Microhardness in the Human Mouth. Ala J Med Sci, 1964; 35: 435-437

Lamb WJ, Corpron RE, More FG, Beltran ED, Strachan DS, Kowalski CJ: In situ remineralization of subsurface enamel lesion after the use of a fluoride chewing gum. Caries Res, 1993; 27: 111-116

Lambrou D, Larsen MJ, Fejerskov O, Tachos B: The effect of fluoride in saliva on remineralization of dental enamel in humans. Caries Res, 1981; 15: 341-345

Leach SA, Lee GT, Edgar WM: Remineralization of artificial caries-like lesions in human enamel in situ by chewing sorbitol gum. J Dent Res, 1989; 68: 1064-1068

Limeback H: A re-examination of the pre-eruptive and post-eruptive mechanism of the anti-caries effects of fluoride: is there any anti-caries benefit from swallowing fluoride? Community Dent Oral Epidemiol, 1999; 27: 62-71

Luoma H, Aromaa A, Helminen S, Murtomaa H, Kiviluoto L, Punsar S, Knekt P: Risk of myocardial infarction in Finnish men in relation to fluoride, magnesium and calcium concentration in drinking water. Acta Med Scand, 1983; 213: 171-176

Macpherson LM, Stephen KW: The effect on human salivary fluoride concentration of consuming fluoridated salt-containing baked food items. Arch Oral Biol, 2001; 46: 983-988.

Mahoney MC, Nasca PC, Burnett WS, Melius JM: Bone cancer incidence rates in New York State: time trends and fluoridated drinking water. Am J Public Health, 1991; 81: 475-479

Manning RH, Edgar WM: Intra-oral models for studying de- and remineralization in man: methodology and measurement. J Dent Res, 1992; 71 (Spec No): 895-900

Manning RH, Edgar WM, Agalamanyi EA: Effects of chewing gums sweetened with sorbitol or a sorbitol/xylitol mixture on the remineralisation of human enamel lesions in situ. Caries Res, 1992; 26: 104-109

Marthaler TM: Salt fluoridation, an overview. Zürich, 1995

Marthaler TM: Changes in dental caries 1953-2003. Caries Res, 2004; 38: 173-181

Menaker L: The boilogic basis of dental caries. Harper & Row Hagerstown, 1980

Menghini GD, Steiner M, Marthaler TM, Bandi A: [Caries occurrence in schoolchildren of the canton of Glarus in 1974 to 1992: the effect of the use of fluoridated salt]. Schweiz Monatsschr Zahnmed, 1995; 105: 467-473

Meyer-Lueckel H, Satzinger T, Kielbassa AM: Caries prevalence among 6- to 16-year-old students in Jamaica 12 years after the Introduction of salt fluoridation. Caries Res, 2002; 36: 170-173

Meyer-Lueckel H, Schulte-Monting J, Kielbassa AM: The effect of commercially available saliva substitutes on predemineralized bovine dentin in vitro. Oral Dis, 2002; 8: 192-198

Murray JJ, Naylor MN: Fluorides and dental caries. Oxford University Press, 1996; 32-67

Nikiforuk G: Understanding dental caries. Basel, 1985

Nygaard Östby B, Mörch T, Hals E: A Method for Caries Production in Selected Tooth Surfaces in vivo-Employed in a Preliminary Study of the Caries-inhibiting Effect on Topically Applied Agents. Acta Odontol Scand, 1957; 357-363

Ogaard B, Rolla G, Helgeland K: Uptake and retention of alkali-soluble and alkali-insoluble fluoride in sound enamel in vivo after mouthrinses with 0.05% or 0.2% NaF. Caries Res, 1983; 17: 520-524

Oliveby A, Ekstrand J, Lagerlof F: Effect of salivary flow rate on salivary fluoride clearance after use of a fluoride-containing chewing gum. Caries Res, 1987; 21: 393-401

O'Mullane DM: Systemic fluorides. Adv Dent Res, 1994; 8: 181-184.

Pearce EI, Nelson DG: Microstructural features of carious human enamel imaged with back-scattered electrons. J Dent Res, 1989; 68: 113-118

Petersson LG, Arvidsson I, Lynch E, Engstrom K, Twetman S: Fluoride concentrations in saliva and dental plaque in young children after intake of fluoridated milk. Caries Res, 2002; 36: 40-43

Poorterman JH, Aartman IH, Kieft JA: Radiographic prevalence of approximal enamel lesions and relationship with dentine lesions and restorations in Dutch adolescents. Int Dent J, 2002; 52: 15-19

Reelick NF, Guldenmundt ME, Filedt Kok-Weimar TL, Overdijk AW: [Dental health of groups at risk in Rotterdam and Amsterdam]. Ned Tijdschr Tandheelkd, 1996; 103: 135-137

Reich E: Trends in caries and periodontal health epidemiology in Europe. Int Dent J, 2001; 51: 392-398

Reintsema H, Arends J: An in vivo study of microhardness and fluoride uptake in partially demineralized human enamel covered by plaque. J Dent Res, 1988; 67: 471-473

Schroeder HE: Orale Strukturbiologie. Thieme, Stuttgart, 1992

Schroeder HE, Luder HU, Bosshardt DD: Morphological and labeling evidence supporting and extending a modern theory of tooth eruption. Schweiz Monatsschr Zahnmed, 1992; 102: 20-31

Seppa L, Karkkainen S, Hausen H: Caries trends 1992-1998 in two low-fluoride Finnish towns formerly with and without fluoridation. Caries Res, 2000; 34: 462-468

Shellis RP, Hallsworth AS: The use of scanning electron microscopy in studying enamel caries. Scanning Microsc, 1987; 1: 1109-1123

Shellis RP, Hallsworth AS, Kirkham J, Robinson C: Organic material and the optical properties of the dark zone in caries lesions of enamel. Eur J Oral Sci, 2002; 110: 392-395

Silverstone LM: Structure of carious enamel, including the early lesion. Oral Sci Rev, 1973; 3: 100-160

Silverstone LM, Hicks MJ, Featherstone MJ: Dynamic factors affecting lesion initiation and progression in human dental enamel. Part I. The dynamic nature of enamel caries. Quintessence Int, 1988; 19: 683-711

Sjogren K, Birkhed D, Persson LG, Noren JG: Salivary fluoride clearance after a single intake of fluoride tablets and chewing gums in children, adults, and dry mouth patients. Scand J Dent Res, 1993; 101: 274-278

Sjogren K, Birkhed D, Ruben J, Arends J: Effect of post-brushing water rinsing on caries-like lesions at approximal and buccal sites. Caries Res, 1995; 29: 337-342

Sjogren K, Lingstrom P, Lundberg AB, Birkhed D: Salivary fluoride concentration and plaque pH after using a fluoride-containing chewing gum. Caries Res, 1997; 31: 366-372

Sjogren K, Ruben J, Lingstrom P, Lundberg AB, Birkhed D: Fluoride and urea chewing gums in an intra-oral experimental caries model. Caries Res, 2002; 36: 64-69

Stookey GK, Schemehorn BR, Cheetham BL, Wood GD, Walton GV: In situ fluoride uptake from fluoride dentifrices by carious enamel. J Dent Res, 1985; 64: 900-903

Suarez-Almazor ME, Flowerdew G, Saunders LD, Soskolne CL, Russell AS: The fluoridation of drinking water and hip fracture hospitalization rates in two Canadian communities. Am J Public Health, 1993; 83: 689-693

Ten Cate JM, Marsh PD: Procedures for establishing efficacy of antimicrobial agents for chemotherapeutic caries prevention. J Dent Res, 1994; 73: 695-703

Ten Cate JM, Larsen MJ , Pearce EIF, Fejerskov O: Chemical interactions between the tooth and oral fluids. Dental Caries. Blackwell Munksgaard, 2003

Toth K: [The incidence, distribution and current status of dental caries in Hungary]. Orv Hetil, 1970; 111: 2523-2530

Toth K, Sugar E: [Die tägliche Kochsalzzufuhr in Relation zum Körpergewicht]. Dtsch Zahnarztl Z, 1975; 30: 231-236

Toth K, Sugar E: Fluorine content of foods and the estimated daily intake from foods. Acta Physiol Acad Sci Hung, 1978; 51: 361-369

Wang CW, Corpron RE, Lamb WJ, Strachan DS, Kowalski CJ: In situ remineralization of enamel lesions using continuous versus intermittent fluoride application. Caries Res, 1993; 27: 455-460

Wefel JS: Effects of fluoride on caries development and progression using intra-oral models. J Dent Res, 1990; 69 (Spec No): 626-633; discussion 634-626

Zero DT: In situ caries models. Adv Dent Res, 1995; 9: 214-230; discussion 231-214