Bilaga 37 Exkludera studier samt studier med hög risk för bias för TÅ-par 84 och 85

Vetenskapligt underlag till Socialstyrelsens nationella riktlinjer för tandvården

Rapport nr 334

Appendix 37 Excluded studies and studies with high risk of bias for TÅ-par 84 and 85

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This list consists of articles not included in SBU's report. It has two parts:

Excluded studies

This part consists of articles considered relevant in terms of abstract, but the full-text articles were considered to be irrelevant to the research question and other inclusion criteria, after assessment.

Studies with high risk of bias

This part consists of articles that were relevant in terms of abstract and full-text, but after quality assessment considered to be studies with high risk of bias.

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Excluded studies

Reference	Main reason for exclusion
Anonymous. Limited evidence suggesting silver diamine fluoride may arrest dental caries in children. British Dental Journal 2017;222:516.	Wrong study design
Anonymous. Randomized clinical trial on arresting dental root caries through silver diamine fluoride applications in community-dwelling elders. British Dental Journal 2016;221:409.	Wrong study design
Beltran-Aguilar ED. Silver diamine fluoride (SDF) may be better than fluoride varnish and no treatment in arresting and preventing cavitated carious lesions. The Journal of Evidencebased Dental Practice 2010;10:122-4.	Wrong study design
Brignardello-Petersen R. Although silver diamine fluoride arrested caries sooner than fluoride varnish, the overall proportion of arrested caries was not importantly different after 30 months. Journal of the American Dental Association 2018;149:e117.	
Brignardello-Petersen R. Silver diamine fluoride seems to be effective in preventing and arresting root caries in older adults compared with placebo, but there is very low certainty in the magnitude of the benefit. Journal of the American Dental Association 2019;150:e3.	Wrong study design
Chibinski AC, Wambier LM, Feltrin J, Loguercio AD, Wambier DS, Reis A. Silver Diamine Fluoride Has Efficacy in Controlling Caries Progression in Primary Teeth: A Systematic Review and Meta-Analysis. Caries Research 2017;51:527-541.	Wrong study design
Clemens J, Gold J, Chaffin J. Effect and acceptance of silver diamine fluoride treatment on dental caries in primary teeth. Journal of Public Health Dentistry 2018;78:63-68.	Not relevant
Contreras V, Toro MJ, Elias-Boneta AR, Encarnacion-Burgos A. Effectiveness of silver diamine fluoride in caries prevention and arrest: a systematic literature review. General Dentistry 2017;65:22-29.	Wrong study design
Craig GG, Powell KR, Price CA. Clinical evaluation of a modified silver fluoride application technique designed to facilitate lesion assessment in outreach programs. BMC Oral Health 2013;13:73.	Not relevant
Crystal YO, Janal MN, Hamilton DS, Niederman R. Parental perceptions and acceptance of silver diamine fluoride staining. Journal of the American Dental Association 2017;148:510-518.e4.	Not relevant
Crystal YO, Marghalani AA, Ureles SD, Wright JT, Sulyanto R, Divaris K, et al. Use of Silver Diamine Fluoride for Dental Caries Management in Children and Adolescents, Including Those with Special Health Care Needs. Pediatric Dentistry 2017;39:135-145.	Wrong study design

Crystal YO, Niederman R. Evidence-Based Dentistry Update on Silver Diamine Fluoride. Dental Clinics of North America 2019;63:45-68.	Wrong study design
Crystal YO, Niederman R. Silver Diamine Fluoride Treatment Considerations in Children's Caries Management. Pediatric Dentistry 2016;38:466-471.	Wrong study design
Dentistry AAoP. Use of Silver Diamine Fluoride for Dental Caries Management in Children and Adolescents, Including Those with Special Health Care Needs. Pediatric Dentistry 2017;39:146-155.	Wrong study design
Duangthip D, Fung MHT, Wong MCM, Chu CH, Lo ECM. Adverse Effects of Silver Diamine Fluoride Treatment among Preschool Children. Journal of Dental Research 2018;97:395-401.	Not relevant
Duangthip D, Jiang M, Chu CH, Lo EC. Non-surgical treatment of dentin caries in preschool children--systematic review. BMC Oral Health 2015;15:44.	Wrong study design
Gao SS, Zhang S, Mei ML, Lo EC, Chu CH. Caries remineralisation and arresting effect in children by professionally applied fluoride treatment - a systematic review. BMC Oral Health 2016;16:12.	Wrong study design
Gluzman R, Katz RV, Frey BJ, McGowan R. Prevention of root caries: a literature review of primary and secondary preventive agents. Special Care in Dentistry 2013;33:133-40.	Wrong study design
Gold J. Limited Evidence Links Silver Diamine Fluoride and Caries Arrest in Children. The Journal of Evidencebased Dental Practice 2017;17:265-267.	Wrong study design
Hendre AD, Taylor GW, Chavez EM, Hyde S. A systematic review of silver diamine fluoride: Effectiveness and application in older adults. Gerodontology 2017;34:411-419.	Wrong study design
Horst JA, Ellenikiotis H, Milgrom PL. UCSF Protocol for Caries Arrest Using Silver Diamine Fluoride: Rationale, Indications and Consent. Journal of the California Dental Association 2016;44:16-28.	Not relevant
Horst JA, Ellenikiotis H, Milgrom PM. UCSF Protocol for Caries Arrest Using Silver Diamine Fluoride: Rationale, Indications and Consent. Pennsylvania Dental Journal 2017;84:14, 16-26.	Wrong study design
Li R, Lo EC, Liu BY, Wong MC, Chu CH. Randomized clinical trial on arresting dental root caries through silver diammine fluoride applications in community-dwelling elders. Journal of Dentistry 2016;51:15-20.	Not relevant
Llodra JC, Rodriguez A, Ferrer B, Menardia V, Ramos T, Morato M. Efficacy of silver diamine fluoride for caries reduction in primary teeth and first permanent molars of schoolchildren: 36-month clinical trial. Journal of Dental Research 2005;84:721-4.	Not relevant

Magno MB, Pereira da Silva L, Ferreira DM, Barja-Fidalgo F, Fonseca-Goncalves A. Aesthetic perception, acceptability and satisfaction in the treatment of caries lesions with silver diamine fluoride: a scoping review. International Journal of Paediatric Dentistry 2019;14:14.	Wrong study design
Mattos-Silveira J, Floriano I, Ferreira FR, Vigano ME, Mendes FM, Braga MM. Children's discomfort may vary among different treatments for initial approximal caries lesions: preliminary findings of a randomized controlled clinical trial. International Journal of Paediatric Dentistry 2015;25:300-4.	Not relevant
McDonald SP, Sheiham A. A clinical comparison of non-traumatic methods of treating dental caries. International Dental Journal 1994;44:465-70.	Not relevant
McReynolds D, Duane B. Systematic review finds that silver diamine fluoride is effective for both root caries prevention and arrest in older adults. Evidence-Based Dentistry 2018;19:46-47.	Wrong study design
Milgrom P, Horst JA, Ludwig S, Rothen M, Chaffee BW, Lyalina S, et al. Topical silver diamine fluoride for dental caries arrest in preschool children: A randomized controlled trial and microbiological analysis of caries associated microbes and resistance gene expression. Journal of Dentistry 2018;68:72-78.	Not relevant
Monse B, Heinrich-Weltzien R, Mulder J, Holmgren C, van Palenstein Helderman WH. Caries preventive efficacy of silver diammine fluoride (SDF) and ART sealants in a school-based daily fluoride toothbrushing program in the Philippines. BMC Oral Health 2012;12:52.	Not relevant
Niessen LC. Chlorhexidine varnish, sodium fluoride varnish, and silver diamine fluoride solution can prevent the development of new root caries in elders living in senior homes in Hong Kong. The Journal of Evidencebased Dental Practice 2012;12:95-6.	Wrong study design
Oliveira BH, Cunha-Cruz J, Rajendra A, Niederman R. Controlling caries in exposed root surfaces with silver diamine fluoride: A systematic review with meta-analysis. Journal of the American Dental Association 2018;149:671-679.e1.	Wrong study design
Oliveira BH, Rajendra A, Veitz-Keenan A, Niederman R. The Effect of Silver Diamine Fluoride in Preventing Caries in the Primary Dentition: A Systematic Review and Meta-Analysis. Caries Research 2019;53:24-32.	Wrong study design
Pakdaman A, Montazeri A, Evans RW. Deciduous dentition approximal caries lesion progression and regression following preventive treatment: literature review. Australian Dental Journal 2018;63:422-428.	Wrong study design
Peng JJ, Botelho MG, Matinlinna JP. Silver compounds used in dentistry for caries management: a review. Journal of Dentistry 2012;40:531-41.	Not relevant

Rosenblatt A, Stamford TC, Niederman R. Silver diamine fluoride: a caries "silver-fluoride bullet". Journal of Dental Research 2009;88:116-25.	Wrong study design
Seifo N, Al-Yaseen W, Innes N. The efficacy of silver diamine fluoride in arresting caries in children. Evidence-Based Dentistry 2018;19:42-43.	Wrong study design
Sharma G, Puranik MP, K RS. Approaches to Arresting Dental Caries: An Update. Journal of Clinical and Diagnostic Research JCDR 2015;9:ZE08-11.	Wrong study design
Slayton RL, Urquhart O, Araujo MWB, Fontana M, Guzman-Armstrong S, Nascimento MM, et al. Evidence-based clinical practice guideline on nonrestorative treatments for carious lesions: A report from the American Dental Association. Journal of the American Dental Association 2018;149:837-849.e19.	Wrong study design
Subbiah GK, Gopinathan NM. Is Silver Diamine Fluoride Effective in Preventing and Arresting Caries in Elderly Adults? A Systematic Review. Journal of International Society of Preventive & Community Dentistry 2018;8:191-199.	Wrong study design
Tedesco TK, Gimenez T, Floriano I, Montagner AF, Camargo LB, Calvo AFB, et al. Scientific evidence for the management of dentin caries lesions in pediatric dentistry: A systematic review and network meta-analysis. PLoS ONE [Electronic Resource] 2018;13:e0206296.	Wrong study design
Trieu A, Mohamed A, Lynch E. Silver diamine fluoride versus sodium fluoride for arresting dentine caries in children: a systematic review and meta-analysis. Scientific Reports 2019;9:2115.	Wrong study design
Twetman S, Dhar V. Evidence of Effectiveness of Current Therapies to Prevent and Treat Early Childhood Caries. Pediatric Dentistry 2015;37:246-53.	Wrong study design
Urquhart O, Tampi MP, Pilcher L, Slayton RL, Araujo MWB, Fontana M, et al. Nonrestorative Treatments for Caries: Systematic Review and Network Meta-analysis. Journal of Dental Research 2019;98:14-26.	Wrong study design
Yee R, Holmgren C, Mulder J, Lama D, Walker D, van Palenstein Helderman W. Efficacy of silver diamine fluoride for Arresting Caries Treatment. Journal of Dental Research 2009;88:644-7.	Not relevant
Zhang W, McGrath C, Lo EC, Li JY. Silver diamine fluoride and education to prevent and arrest root caries among community-dwelling elders. Caries Research 2013;47:284-90.	Not relevant

Studies with high risk of bias

Reference

None