

**Ausgabe:** ZWP Zahnarzt Wirtschaft Praxis 6/20

**Thema:** „Zurück in die Zukunft...“<sup>4</sup> Silber als neuer Goldstandard?

**Autorin:** Dr. Ulrike Uhlmann

---

## Literatur

- (1) Gao, S S (2018): Revitalising Silver Nitrate for Caries Management. Review. International Journal of Environmental Research and Public Health. 15(80): 1-9
- (2) Schultz-Hautdt, S.; Taylor, R.; Brudevold, F. Silver nitrate treatment of proximal caries in primary molars. J. Dent. Child. 1956, 23, 184–186.
- (3) Hyde, E.J. Caries-inhibiting action of three different topically-applied agents on incipient lesions in newly erupted teeth: Results after 24 months. J. Can. Dent. Assoc. 1973, 39, 189–193.
- (4) Duffin, S. Back to the future: The medical management of caries introduction. J. Calif. Dent. Assoc. 2012, 40, 852–858.
- (5) Zhao et al (2017): Effect of Silver Diamine Fluoride and Potassium Iodide Treatment on Secondary Caries Prevention and Tooth Discolouration in Cervical Glass Ionomer Cement Restoration. Int J Mol Sci, 18(2): 340
- (6) Uhlmann U (2019): Kinderzahnheilkunde – Grundlagen für die tägliche Praxis. Quintessence Publishing Deutschland, Berlin. 03/2019. ISBN: 978-3-86867-417-0
- (7) Burgess and Vaghela (2018): Silver Diamine Fluoride: A Successful Anticariogenic Solution with Limits. Adv Dent Res: 29(1): 131-134
- (8) Sharma et al. (2015): Approaches to arresting dental caries: an update. J Clin Diagn Res. 9(5): ZE08-ZE11
- (9) Gao et al. (2019): Randomized Trial of Silver Nitrate with Sodium Fluoride for Caries Arrest. JDR Clinical & Translational Research. Trial
- (10) Zhi et al. (2012): Randomized clinical trial on effectiveness of silver diamine fluoride and glass ionomer in arresting dentine caries in preschool children. J Dent: 40(11): 962-967
- (11) Chu et al. (2015): The effectiveness of the biannual application of silver nitrate solution followed by sodium fluoride varnish in arresting early childhood caries in preschool children: Study protocol for a randomised controlled trial. Trials 2015, 16, 426.
- (12) Gao et al. (2017): Arresting early-childhood-caries with silver nitrate and sodium fluoride—12-month results. J. Dent. Res. 2017, 96, S0001.
- (13) Hammersmith et al. (2020): Silver Diamine Fluoride and Fluoride Varnish May Halt Interproximal Caries Progression in the Primary Dentition. Journal of Clinical Pediatric Dentistry: 2020, Vol. 44, No. 2, pp. 79-83.
- (14) Stebbins EA (1891): What value has argenti nitras as a therapeutic agent in dentistry? Int Dent J.;12:661–670

(15) Horst et al. (2016): UCSF Protocol for Caries Arrest Using Silver Diamine Fluoride: Rationale, Indications, and Consent. *J Calif Dent Assoc.* 44(1): 16–28.

(16) Fukuoka B (2018): Clinical Use of Silver Diamine Fluoride. *Decisions in Dentistry*;4(2):30-32,35-36

(17) Sarvas and Karp (2016): Silver diamine fluoride arrests untreated dental caries but has drawbacks; American Academy of Pediatrics; News; online verfügbar unter: <https://www.aappublications.org/news/2016/08/05/SilverDiamine080516>; zuletzt überprüft am 23.04.2020

(18) Gao et al. (2016): Clinical Trials of Silver Diamine Fluoride in Arresting Caries among Children: A Systematic Review. *JDR Clinical and Translational Research.* (1)3:201-210

(19) Wu et al. (2016): Effect of Silver Diamine Fluoride (SDF) Application of Microtensile Bonding Strength of Dentin in Primary Teeth. *Pediatric Dentistry.* 38(2): 148-153

(20) Puwanawiroj et al. (2018): Microtensile Bond Strength Between Glass Ionomer Cement and Silver Diamine Fluoride-Treated Carious Primary Dentin. *Pediatric Dentistry.* 40(4): 291- 295