

## **Xerostomie: Symptome, Folgen und Behandlungsmöglichkeiten**

**Dr. Dr. Greta Barbe**

**ZMK 1-2 (36), 28-33**

1. Turner MD. Hyposalivation and xerostomia: etiology, complications, and medical management. *Dent Clin North Am* 60(2), 435–443 (2016).
2. Sreebny LM. Saliva in health and disease: an appraisal and update. *Int Dent J* 50 (3), 140–161 (2000).
3. Dawes C. How much saliva is enough for avoidance of xerostomia? *Caries Res* 38 (3), 236–240 (2004).
4. van der Putten GJ, Brand HS, Schols JM, de Baat C. The diagnostic suitability of a xerostomia questionnaire and the association between xerostomia, hyposalivation and medication use in a group of nursing home residents. *Clin Oral Investig* 15 (2), 185–192 (2011).
5. Fox PC, Busch KA, Baum BJ. Subjective reports of xerostomia and objective measures of salivary gland performance. *Journal of the American Dental Association* 115 (4), 581–584 (1987).
6. Thomson WM, van der Putten GJ, de Baat C, Ikebe K, Matsuda K, Enoki K et al. Shortening the xerostomia inventory. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 112 (3), 322–327 (2011).
7. Osailan S, Pramanik R, Shirodaria S, Challacombe SJ, Proctor GB. Investigating the relationship between hyposalivation and mucosal wetness. *Oral Dis* 17 (1), 109–114 (2011).
8. Nederfors T. Xerostomia and hyposalivation. *Advances in dental research* 14, 48–56 (2000).
9. Pedersen AM, Bardow A, Jensen SB, Nauntofte B. Saliva and gastrointestinal functions of taste, mastication, swallowing and digestion. *Oral Dis* 8 (3), 117–129 (2002).
10. Heintze U, Birkhed D, Bjorn H. Secretion rate and buffer effect of resting and stimulated whole saliva as a function of age and sex. *Swed Dent J* 7 (6), 227–238 (1983).
11. Atkinson JC, Wu AJ. Salivary gland dysfunction: causes, symptoms, treatment. *Journal of the American Dental Association* 125 (4), 409–416 (1994).
12. Fischer D, Ship JA. The effect of dehydration on parotid salivary gland function. *Spec Care Dentist* 17 (2), 58–64 (1997).
13. Qato DM, Alexander GC, Conti RM, Johnson M, Schumm P, Lindau ST. Use of prescription and over-the-counter medications and dietary supplements among older adults in the United States. *JAMA* 300 (24), 2867–2878 (2008).
14. Sreebny LM, Schwartz SS. A reference guide to drugs and dry mouth. *Gerodontology* 5 (2), 75–99 (1986).
15. Wolff A, Joshi RK, Ekstrom J, Aframian D, Pedersen AM, Proctor G et al. A guide to medications inducing salivary gland dysfunction, xerostomia, and subjective sialorrhea: a systematic review sponsored by the World Workshop on Oral Medicine VI. *Drugs R D* 17 (1), 1–28 (2017).
16. Villa A, Wolff A, Aframian D, Vissink A, Ekstrom J, Proctor G et al. World Workshop on Oral Medicine VI: a systematic review of medication-induced salivary gland dysfunction: prevalence, diagnosis, and treatment. *Clin Oral Investig* 19 (7), 1563–1580 (2015).
17. van der Putten GJ, de Baat C, De Visschere L, Schols J. Poor oral health, a potential new geriatric syndrome. *Gerodontology* 31 (Suppl 1), 17–24 (2014).
18. Murray Thomson W. Epidemiology of oral health conditions in older people. *Gerodontology* 31 (Suppl 1), 9–16 (2014).
19. Hayes M, Da Mata C, Cole M, McKenna G, Burke F, Allen PF. Risk indicators associated with root caries in independently living older adults. *J Dent* 51, 8–14 (2016).
20. Koshimune S, Awano S, Gohara K, Kurihara E, Ansai T, Takehara T. Low salivary flow and volatile sulfur compounds in mouth air. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 96 (1), 38–41 (2003).

21. Barbe AG, Schmidt-Park Y, Hamacher S, Derman SH, Noack MJ. Efficacy of GUM(R) Hydral versus Biotene(R) Oralbalance mouthwashes plus gels on symptoms of medication-induced xerostomia: a randomized, double-blind, crossover study. *Clin Oral Investig* 22 (1), 169–180 (2018).
22. Barbe AG, Ludwar L, Hamacher S, Noack MJ. Efficacy of a newly developed mouth gel for xerostomia relief – A randomized double-blind trial. *Oral Dis* 25 (6), 1519–1529 (2019).
23. Alajbeg I, Falcao DP, Tran SD, Martin-Granizo R, Lafaurie GI, Matranga D et al. Intraoral electrostimulator for xerostomia relief: a long-term, multicenter, open-label, uncontrolled, clinical trial. *Oral Surg Oral Med Oral Pathol Oral Radiol* 113 (6), 773–781 (2012).
24. Strietzel FP, Lafaurie GI, Mendoza GR, Alajbeg I, Pejda S, Vuletic L et al. Efficacy and safety of an intraoral electrostimulation device for xerostomia relief: a multicenter, randomized trial. *Arthritis Rheum* 63 (1), 180–190 (2011).