

## References

### Treatment of periodontal and peri-implant inflammation

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1. Jucrczyk K, Nietzsche S, Ender C, Sculean A, Eick S 'In-vitro activity of sodium-hypochlorite gel on bacteria associated with periodontitis.' *Clinical Oral Investigations* 2016; 20(8):
2. Almhöjd US, Jansson H, Roos-Jansåker AM, Campus G, Lingström P 'The Antimicrobial Effect of Sodium Hypochlorite Agents for Intraoral Use' IADR conference, March 2015 in Boston, poster presentation (poster #2921)
3. Schmidlin PR, Fujioka-Kobayashi M, Mueller HD, Sculean A, Lussi A, Miron RJ 'Effects of air polishing and an amino acid buffered hypochlorite solution to dentin surfaces and periodontal ligament cell survival, attachment, and spreadin' *Clin Oral Invest*, Sept 2016, DOI 10.1007/s00784-016-1950-9.
4. Klebanoff SJ. 'Myeloperoxidase–halide–hydrogen peroxide antibacterial system.' *J Bacteriol* 1968; 95: 2131–2138.
5. McRipley RJ, Sbarra AJ. 'Role of the phagocyte in host–parasite interactions. XII. Hydrogen peroxide–myeloperoxidase bactericidal system in the phagocyte.' *J Bacteriol* 1967; 94: 1425–1430.
6. Weiss SJ. 'Tissue destruction by neutrophils.' *N Engl J Med* 1989; 320: 365–376.
7. Bach G, Müller C 'Grundsätzliche Gedanken zum Einsatz eines antimikrobiellen Gels im Rahmen der Therapie einer Periimplantitis.' *Dent Implantol.* 2016; 20 (3); 150 – 159.
8. Bergqvist K, Almhöjd U, Herrmann I, Eliasson B. 'The role of chloramines in treatment of diabetic foot ulcers: an exploratory multicentre randomised controlled trial' *Clinical Diabetes and Endocrinology* 2016 2:6. DOI 10.1186/s40842-016-0026-8.
9. Gottardi W, Nagl M 'N-Chlorotaurine, a natural antiseptic with outstanding tolerability.' *J Antimicrob Chemother.* 2010; 65:399 – 409.
10. Gottardi W, Hagleitner M, Nagl M. 'The influence of plasma on the disinfecting activity of the new antimicrobial agent N-chlorotaurine sodium.' *J Pharm Pharmacol* 2001; 53: 689–697.
11. Nagl M, Gottardi W. 'In vitro experiments on the bactericidal action of N-chlorotaurine'. *Hyg Med* 1992; 17: 431–439.
12. Nagl M, Gottardi W. 'Enhancement of the bactericidal efficacy of N-chlorotaurine by inflammation samples and selected N-H compounds.' *Hyg Med* 1996; 21: 597–605.
13. Nagl M, Hess M, Pfaller K et ,Bactericidal activity of micromolar N-chlorotaurine—evidence for its antimicrobial function in the human defence system.' *Antimicrob Agents Chemother* 2000; 44: 2507–2513.
14. Nagl M, Lass-Floerl C, Neher A. 'Enhanced fungicidal activity of N-chlorotaurine in nasal secretion.' *J Antimicrob Chemother* 2001; 47: 871–874.
15. Nagl M, Gruber A, Fuchs A. 'Impact of N-chlorotaurine on viability and production of secreted aspartyl proteinases of *Candida* spp.' *Antimicrob Agents Chemother* 2002; 46: 1996–1999.
16. Dudani AK, Martyres A, Fliss H. 'Short communication: rapid preparation of preventive and therapeutic whole-killed retroviral vaccines using the microbicide taurine chloramine.' *AIDS Res Hum Retroviruses* 2008; 24: 635–642.

17. Nagl M, Larcher C, Gottardi W. 'Activity of N-chlorotaurine against herpes simplex- and adenoviruses.' *Antiviral Res* 1998; 38: 25–30.
18. Romanowski EG, Yates KA, Teuchner B. 'N-chlorotaurine is an effective antiviral agent against adenovirus in vitro and in the Ad5/NZW rabbit ocular model.' *Invest Ophthalmol Vis Sci* 2006; 47: 2021–2026.
19. Fürnkranz U, Nagl M, Gottardi W. 'Cytotoxic activities of N-chlorotaurine (NCT) on *Acanthamoeba* spp. Antimicrob Agents' *Chemother* 2008; 52: 470–476.
20. Gottardi W, Nagl M. 'Chlorine covers on living bacteria: the initial step in antimicrobial action of active chlorine compounds.' *J Antimicrob Chemother* 2005; 55: 475–482.
21. Fuursted K, Hjort A, Knudsen L. 'Evaluation of bactericidal activity and lag of regrowth (postantibiotic effect) of five antiseptics on nine bacterial pathogens.' *J Antimicrob Chemother* 1997; 40: 221–226.
22. Nagl M, Hengster P, Semenitz E. 'The postantibiotic effect of N-chlorotaurine on *Staphylococcus aureus*. Application in the mouse peritonitis model.' *J Antimicrob Chemother* 1999; 43: 805–809.
23. Goodson JM 'Pharmacokinetic principles controlling efficacy of oral therapy.' *J Dent Res*. 1989, 68:1625–1632.
24. Colombo AP, Boches SK, Cotton SL, Goodson JM, Kent R, Haffajee AD, Socransky SS, Hasturk H, Van Dyke TE, Dewhirst F, Paster B. 'Comparisons of subgingival microbial profiles of refractory periodontitis, severe periodontitis, and periodontal health using the human oral microbe identification microarray.' *J Periodontol*. 2009; 80:1421–1432.
25. Kapil V, Haydar SM, Pearl V, Lundberg JO, Weitzberg E, Ahluwalia A. 'Physiological role for nitrate-reducing oral bacteria in blood pressure control.' *Free Radic Biol Med* 2013 55:93–100.