



LETTER TO THE EDITOR

Prospective clinical study evaluating the long-time adjunctive use of chlorhexidine after one-stage full-mouth SRP

Dear Editor,

Concerning this paper (1), I would like to remind you that most of the full-mouth SRP-studies published during the last 10 years are not following the protocol described by Quirynen *et al.* (2). Also, in the presented paper by Stratul *et al.* on page 2, it is pointed out that they performed intrasulcular irrigation with 0.2% CHX. In the paper from Quirynen and in other papers in the original full-mouth disinfection by Osterwaal *et al.* (3), at least 1% solution or gel was used and this solution was used three times to achieve the contact time of 5 min. If lower concentration like in the present study of 0.2% CHX is used, there is no effect on the paropathogenic bacteria.

I think, this is a very important message also to Dental Hygienists because Dental Hygienists perform the one-stage full-mouth scaling and root planing together with the programme of Full-Mouth-Disinfection using 1% gel or 2% CHX solution, in this manner achieving an additional and significant

benefit in pocket reduction in the magnitude of >2.5 mm (in pockets initially deeper than 6 mm).

Professor UP Saxer
E-mail: upsaxer@pszn.ch

References

- 1 Stratul SI, Rusu D, Didilescu A *et al.* Prospective clinical study evaluating the long-time adjunctive use of chlorhexidine after one-stage full-mouth SRP. *Int J Dent Hygiene* 2010; **8**: 35–40.
- 2 Quirynen M, Bollen CM, Vandekerckhove BN, Dekeyser C, Papaioannou W. Full- vs. partial-mouth disinfection in the treatment of periodontal infections: short-term clinical and microbiological observations. *J Dent Res* 1995; **74**: 1459–1467.
- 3 Oosterwaal PJ, Mikx FH, van't Hof MA, Renggli HH. Short-term bactericidal activity of chlorhexidine gel, stannous fluoride gel and amine fluoride gel tested in periodontal pockets. *J Clin Periodontol* 1991; **18**: 97–100.

Copyright of International Journal of Dental Hygiene is the property of Wiley-Blackwell and its content may not be copied or emailed to multiple sites or posted to a listserv without the copyright holder's express written permission. However, users may print, download, or email articles for individual use.