

Interdental brushes and their role in interdental cleaning

A Reference List of Scientific Articles

Compiled by the Global Odontological Team
TePe Oral Hygiene Products, Malmö, Sweden

The effect of different methods of interdental cleaning.

Gjerme P, Flötra L.

J Periodontol Res. 1970;5(3):230-6.

The interdental brush and its place in operative and crown and bridge dentistry. Waerhaug J.

J Oral Rehabil. 1976 Apr;3(2):107-13.

An evaluation of proximal surface cleansing agents.

Wolffe GN.

J Clin Periodontol. 1976 Aug;3(3):148-56.

Efficacy of plaque-removal using interdental brushes and waxed dental floss.

Bergenholtz A, Olsson A.

Scand J Dent Res. 1984 Jun;92(3):198-203.

Interproximal tooth morphology and its effect on plaque removal.

Smukler H et al.

Quintessence Int. 1989 Apr;20(4):249-55.

Interproximal tooth cleansing of abutment teeth and pontic design.

Kocher T et al.

Dtsch Zahnarztl Z. 1990 Mar;45(3):146-8.

A comparison of proximal plaque removal using floss and interdental brushes.

Kiger RD et al.

J Clin Periodontol. 1991 Oct;18(9):681-4.

Comparison of different approaches of interdental oral hygiene: interdental brushes versus dental floss.

Christou V et al.

J Periodontol. 1998 Jul;69(7):759-64.

Comparison between manual and mechanical methods of interproximal hygiene. Schmage P et al.

Quintessence Int. 1999 Aug;30(8):535-9.

Home oral hygiene revisited. Options and evidence.

Sicilia A et al.

Oral Health Prev Dent. 2003;1 Suppl 1:407-22.

Clinical trial of a novel interdental brush cleaning system.

Jared H et al.

J Clin Dent. 2005;16(2):47-52.

Comparison of interdental cleaning methods: a randomized controlled trial.

Jackson MA et al.

J Periodontol. 2006 Aug;77(8):1421-9.

In vitro-cleaning efficacy of interdental brushes with different stiffness and different diameter. Wolff D et al.

Oral Health Prev Dent. 2006;4(4):279-85.

Efficacy of interdental plaque control aids in periodontal maintenance patients:

A comparative study.

Rösing CK et al.

Oral Health Prev Dent. 2006;4(2):99-103.

Interproximal gingivitis and plaque reduction by four interdental products.

Yost KG et al.

J Clin Dent. 2006;17(3):79-83.

A comparison of the efficacy and ease of use of dental floss and interproximal brushes in a randomised split mouth trial incorporating an assessment of subgingival plaque.

Noorlin I, Watts TL.

Oral Health Prev Dent. 2007;5(1):13-8.

Plaque and gingivitis in the elderly: a randomized, single-blind clinical trial on the outcome of intensified mechanical or antibacterial oral hygiene measures.

Schiffner U et al.

J Clin Periodontol. 2007 Dec;34(12):1068-73.

The efficacy of interdental brushes on plaque and parameters of periodontal inflammation: a systematic review.

Slot DE et al.

Int J Dent Hyg, 2008 Nov;6(4):253-64.

Current concepts in toothbrushing and interdental cleaning.

Claydon NC.

Periodontol 2000. 2008;48:10-22.

Direct and indirect effects of interdental hygiene in a clinical trial.

Tu YK et al.

J Dent Res. 2008 Nov;87(11):1037-42.

The use of interdental brushes along with toothbrushing removes most plaque.

Rasines G.

Evid Based Dent. 2009;10(3):74.

Plaque control effectiveness and handling of interdental brushes during multibracket treatment – a randomized clinical trial.

Bock NC et al.

Eur J Orthod. 2010 Aug;32(4):408-13.

Recommendations by dental staff and use of toothpicks, dental floss and interdental brushes for approximal cleaning in an adult Swedish population.

Särner B et al.

Oral Health Prev Dent. 2010;8(2):185-94.

Encouraging client compliance for interdental care with the interdental brush: The client's perspective.

Imai PH, Hatzimanolakis PC.

Can J Dent Hygiene. 2010;44,no.2:56-60.

Interdental brush in Type I embrasures: Examiner blinded randomized clinical trial of bleeding and plaque efficacy.

Imai PH, Hatzimanolakis PC.

Can J Dent Hygiene. 2011;45,no.1:25-32.

Comparison of interdental brush to dental floss for reduction of clinical parameters of periodontal disease: A systematic review.

Imai PH et al.

Can J Dent Hygiene. 2012;46,no.1:63-78.

Efficacy of inter-dental mechanical plaque control in managing gingivitis – a meta-review.

Sälzer S et al.

J Clin Periodontol. 2015 Apr;42 Suppl 16:S92-105.

Comparison between two interproximal cleaning procedures in periodontitis patients: A six-month, single-blind, randomised controlled clinical trial.

Schmidt B, Jentsch H.

Oral Health Prev Dent. 2015;13(3):205-11.

Primary prevention of periodontitis: managing gingivitis.

Chapple IL et al.

J Clin Periodontol. 2015 Apr;42 Suppl 16:S71-6.

Access to Interdental Brushing in Periodontal Healthy Young Adults: A Cross-Sectional Study.

Carrouel F et al.

PLoS One. 2016 May 18;11(5):e0155467. doi: 10.1371/journal.pone.0155467. eCollection 2016.

The effectiveness of conically shaped compared with cylindrically shaped interdental brushes – a randomized controlled clinical trial.

Larsen HC et al.

Int J Dent Hyg. 2017 Aug;15(3):211-218.

Efficacy of interdental calibrated brushes on bleeding reduction in adults: a 3-month randomized controlled clinical trial.

Bourgeois D et al.

Eur J Oral Sci. 2016 Dec;124(6):566-571.

The Bleeding on Brushing Index: a novel index in preventive dentistry.

Rosenauer T et al.

Int Dent J. 2017 Oct;67(5):299-307.

Interdental plaque reduction after use of different devices in young subjects with intact papilla: A randomized clinical trial.

Graziani F et al.

Int J Dent Hyg. 2017 Oct 2. doi: 10.1111/idh.12318.

A network meta-analysis of interproximal oral hygiene methods in the reduction of clinical indices of inflammation.

Kotsakis GA et al.

J Periodontol. 2018 Feb 19. doi: 10.1002/JPER.17-0368.

Patient self-care of periodontal pocket infections.

Arweiler NB et al.

Periodontol 2000. 2018 Feb;76(1):164-179.

Effects of interdental cleaning devices in preventing dental caries and periodontal diseases: a scoping review.

Amarasena N et al.

Australian Dental Journal 2019; 64: 27- 7

An Overview of Different Interdental Cleaning Aids and Their Effectiveness.

Ng E, Lim LP.

Dent J 2019 Jun; 7(2): 56.