

# Interdental Brushes

## A Reference List of Scientific Articles

Compiled by Anna Nilvéus Olofsson, DDS,  
Manager Odontology and Scientific Affairs, TePe

### **The effect of different methods of interdental cleaning.**

Gjeramo P, Flötra L.

*J Periodontal 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.