

**Supplementary Table S1.** List of articles included.

CODE	Study (Title, Authors, Journal, Year of publication, doi)
7	<a href="#">Effects of a stabilized stannous fluoride dentifrice on clinical, immunomodulatory, and microbial outcomes in a human experimental gingivitis model.</a> Fine N, Barbour A, Kaura K, Kerns KA, Chen D, Trivedi HM, Gomez J, Sabharwal A, McLean JS, Darveau RP, Glogauer M. J Periodontol. 2024;95(5):421-431. doi: 10.1002/JPER.22-0710
8	<a href="#">Omega-3 nanoemulgel in prevention of radiation-induced oral mucositis and its associated effect on microbiome: a randomized clinical trial.</a> Morsy BM, El Domiaty S, Meheissen MAM, Heikal LA, Meheissen MA, Aly NM. BMC Oral Health. 2023;23(1):612. doi: 10.1186/s12903-023-03276-5
10	<a href="#">Effect of scaling and root planing with and without minocycline HCl microspheres on periodontal pathogens and clinical outcomes: A randomized clinical trial.</a> Arnett MC, Chanthavisouk P, Costalonga M, Blue CM, Evans MD, Paulson DR. J Periodontol. 2023;94(9):1133-1145. doi: 10.1002/JPER.23-0002
11	<a href="#">Effect of laser-assisted reconstructive surgical therapy of peri-implantitis on protein biomarkers and bacterial load.</a> Di Gianfilippo R, Wang CW, Xie Y, Kinney J, Sugai J, Giannobile WV, Wang HL. Clin Oral Implants Res. 2023;34(4):393-403. doi: 10.1111/clr.14059
12	<a href="#">A Placebo-Controlled Trial to Evaluate Two Locally Delivered Antibiotic Gels (Piperacillin Plus Tazobactam vs. Doxycycline) in Stage III-IV Periodontitis Patients.</a> Ilyes I, Rusu D, Rădulescu V, Vela O, Boariu MI, Roman A, Surlin P, Kardaras G, Boia S, Chinnici S, Jentsch HFR, Stratul SI. Medicina (Kaunas). 2023;59(2):303. doi: 10.3390/medicina59020303
15	<a href="#">Clinical Evaluation of Diode Laser-Assisted Surgical Periodontal Therapy: A Randomized Split-Mouth Clinical Trial and Bacteriological Study.</a> Doğan ŞB, Akça G. Photobiomodul Photomed Laser Surg. 2022;40(9):646-655. doi: 10.1089/photob.2022.0035
17	<a href="#">Different scaling and root planing strategies in Turkish patients with aggressive periodontitis: A randomized controlled clinical trial.</a> Mamaklıoğlu D, Karched M, Kuru L, Kuru B, Asikainen S, Doğan B. Int J Dent Hyg. 2022;20(2):347-363. doi: 10.1111/idh.12592
19	<a href="#">Chemomechanical preparation influences the microbial community and the levels of LPS, LTA and cytokines in combined endodontic-periodontal lesions: A clinical study.</a> Gomes BPFA, Berber VB, Marinho ACS, Louzada LM, Arruda-Vasconcelos R, Passini MRZ, Lopes EM, Pecorari VGA, Chen T, Paster BJ. J Periodontol Res. 2022;57(2):341-356. doi: 10.1111/jre.12964
21	<a href="#">The microbiome of dental and peri-implant subgingival plaque during peri-implant mucositis therapy: A randomized clinical trial.</a> Philip J, Buijs MJ, Pappalardo VY, Crielgaard W, Brandt BW, Zaura E. J Clin Periodontol. 2022;49(1):28-38. doi: 10.1111/jcpe.13566
25	<a href="#">Evaluation of different materials used for sealing of implant abutment access channel and the peri-implant sulcus microbiota: A 6-month, randomized controlled trial.</a> Rubino CV, Katz BG, Langlois K, Wang HH, Carrion JA, Walker SG, Collier JL, Iacono VJ, Myneni SR. Clin Oral Implants Res. 2021;32(8):941-950. doi: 10.1111/clr.13787
28	<a href="#">Effectiveness of single versus multiple sessions of photodynamic therapy as adjunct to scaling and root planing on periodontopathogenic bacteria in patients with periodontitis.</a> Muzaheed, Acharya S, Hakami AR, Allemailem KS, Alqahtani K, Al Saffan A, Aldakheel FM, Divakar DD. Photodiagnosis Photodyn Ther. 2020;32:102035. doi: 10.1016/j.pdpdt.2020.102035
29	<a href="#">Effects on clinical outcomes of adjunctive moxifloxacin versus amoxicillin plus metronidazole in periodontitis patients harboring Aggregatibacter actinomycetemcomitans, Porphyromonas gingivalis, and Tannerella forsythia: exploratory analyses from a clinical trial.</a> Ardila CM, Hernández-Casas C, Bedoya-García JA. Quint Int. 2021;52(1):20-29. doi: 10.3290/j.qi.a44927
34	<a href="#">Clinical and microbiological effect of frequent subgingival air polishing on periodontal conditions: a split-mouth randomized controlled trial.</a> Sekino S, Ogawa T, Murakashi E, Ito H, Numabe Y. Odontology. 2020;108(4):688-696. doi: 10.1007/s10266-020-00493-0
39	<a href="#">Clinical and Microbiological Evaluation of Surgical and Nonsurgical Treatment of Aggressive Periodontitis.</a> Cirino CCDS, Vale HFD, Casati MZ, Sallum EA, Casarin RCV, Sallum AW. Braz Dent J. 2019;30(6):577-586. doi: 10.1590/0103-6440201902930
41	<a href="#">Clinical and microbiological outcomes of photodynamic and systemic antimicrobial therapy in smokers with peri-implant inflammation.</a> Deeb MA, Alsahhaf A, Mubarak SA, Alhamoudi N, Al-Aali KA, Abduljabbar T. Photodiagnosis Photodyn Ther. 2020;29:101587. doi: 10.1016/j.pdpdt.2019.101587
43	<a href="#">Short-term effects of hyaluronic acid on the subgingival microbiome in peri-implantitis: A randomized controlled clinical trial.</a> Soriano-Lerma A, Magán-Fernández A, Gijón J, Sánchez-Fernández E, Soriano M, García-Salcedo JA, Mesa F. J Periodontol. 2020;91(6):734-745. doi: 10.1002/JPER.19-0184
46	<a href="#">Microbiological dynamics of red complex bacteria following full-mouth air polishing in periodontally healthy subjects: a randomized clinical pilot study.</a>

Reinhardt B, Klocke A, Neering SH, Selbach S, Peters U, Flemmig TF, Beikler T. Clin Oral Investig. 2019;23(10):3905-3914. doi: 10.1007/s00784-019-02821-3

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Aoyama N, Kobayashi N, Hanatani T, Ashigaki N, Yoshida A, Shiheido Y, Sato H, Takamura C, Yoshikawa S, Matsuo K, Izumi Y, Isobe M. J Periodontal Res. 2019;54(3):259-265. doi: 10.1111/jre.12626

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Korsch M, Marten SM, Walther W, Vital M, Pieper DH, Dötsch A. Clin Implant Dent Relat Res. 2018;20(5):806-813. doi: 10.1111/cid.12650

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Wang H, Ai L, Zhang Y, Cheng J, Yu H, Li C, Zhang D, Pan Y, Lin L. Biomed Res Int. 2018;2018:1805793. doi: 10.1155/2018/1805793

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51 [What is the influence of tonsillectomy on the level of periodontal pathogens on the tongue dorsum and in periodontal pockets.](#)  
Diener VN, Gay A, Soyka MB, Attin T, Schmidlin PR, Sahrman P. BMC Oral Health. 2018;18(1):62. doi: 10.1186/s12903-018-0521-7

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Türktekin F, Buduneli N, Lappin DF, Türk T, Buduneli E. Aust Dent J. 2018;63(2):242-252. doi: 10.1111/adj.12602

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Sağlam M, Köseoğlu S, Taşdemir I, Erbak Yılmaz H, Savran L, Sütçü R. J Periodontal Res. 2017;52(5):853-862. doi: 10.1111/jre.12454

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Fonseca DC, Cortelli JR, Cortelli SC, Miranda Cota LO, Machado Costa LC, Moreira Castro MV, Oliveira Azevedo AM, Costa FO. J Periodontol. 2015;86(12):1340-51. doi: 10.1902/jop.2015.150227

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- 98 [Metronidazole and amoxicillin as adjuncts to scaling and root planing for the treatment of type 2 diabetic subjects with periodontitis: 1-year outcomes of a randomized placebo-controlled clinical trial.](#)  
Miranda TS, Feres M, Perez-Chaparro PJ, Faveri M, Figueiredo LC, Tamashiro NS, Bastos MF, Duarte PM. J Clin Periodontol. 2014;41(9):890-9. doi: 10.1111/jcpe.12282
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Guentsch A, Pfister W, Cachovan G, Raschke G, Kuepper H, Schaefer O, Eick S. Int J Dent Hyg. 2014;12(3):199-207. doi: 10.1111/idh.12063
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