

Supplementary Materials

TABLE

Table S1: Search equations.

Database	Search equation
Medline via PubMed, Web of Science, the Cochrane Library	(periodontium OR periodontology OR periodontitis OR "periodontal disease" OR "periodontal diseases" OR "periodontal therapy" OR "periodontal pocket") AND (nanotechnology OR nanomedicine OR nanoparticle OR nanotechnologies OR nanoparticles)
ScienceDirect	(periodontology OR periodontitis OR "periodontal disease" OR "periodontal diseases" OR "periodontal therapy" OR "periodontal pocket") AND (nanotechnologies OR nanoparticles OR nanomedicine)

Table S2: Reason for exclusion of studies.

Excluded studies	Justification for exclusion
Yao <i>et al.</i> , 2014 International Journal of Nanomedicine	Not reporting alveolar bone loss
Yao <i>et al.</i> , 2015 Journal of Colloid and Interface Science	Not reporting alveolar bone loss
Pramod <i>et al.</i> , 2015 Journal of Drug Targeting	Methodological issues
Botelho <i>et al.</i> , 2016 Phytotherapy Research	Not reporting alveolar bone loss
Alshammari <i>et al.</i> , 2017 Journal of Clinical Periodontology	Irrelevant studies
Bao <i>et al.</i> , 2018 ACS Nano	Methodological issues
Khajuria <i>et al.</i> , 2018 Archives of Oral Biology	Irrelevant studies
Ozdogan <i>et al.</i> , 2018 International Journal of Pharmaceutics	Irrelevant studies
Yadav <i>et al.</i> , 2018 International Journal of Biological Macromolecules	Irrelevant studies
Hu <i>et al.</i> , 2018 International Journal of Biological Macromolecules	Not reporting alveolar bone loss