**Additional file 1: Table S1** Search strategy used in PubMed/MEDLINE

|  |  |
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|  | Search terms |
| No. 4 | No 1 and No 2 and No 3  |
| No. 3 | (randomized controlled trial[Publication Type] OR randomized [Title/Abstract] ORplacebo[Title/Abstract]) |
| No. 2 | (((((((("Hydroxymethylglutaryl-CoA Reductase Inhibitors"[Mesh]) OR ((statin\*) OR HMG-CoA Reductase Inhibitors))) OR (((atorvastatin) OR fluvastatin) OR rosuvastatin OR simvastatin))) OR ((3-hydroxy-3-methylglutaryl co-enzyme A reductase inhibitors) OR hydroxyl methylglutaryl-coenzyme A reductase inhibitors))) |
| No. 1 | ((((((((((Periodontitis[MeSH Terms]) OR Chronic Periodontitis[MeSH Terms]) OR periodontal diseases) OR periodontal pocket) OR attachment loss) OR alveolar bone loss) OR furcation) OR intrabony) OR infrabony) OR bone regeneration)) |