

Supplementary Table S1 – Search strategies

Search Terms	
PubMed/MEDLINE	
#4	Search #1 AND #2 AND #3
#3	Search (Root Canal Filling Material) OR (Root Canal Sealants) OR (Sealants, Root Canal) OR (Canal Sealant, Root) OR (Canal Sealants, Root) OR (Root Canal Sealant) OR (Sealant, Root Canal)
#2	Search (Bioceramics) OR (Bioceramic) OR (Calcium silicate) OR (Tricalcium silicate) OR (Mineral trioxide aggregate) OR (Calcium phosphate) OR (Calcium silicate-based) OR (Tricalcium silicate-based) OR (Silicates) Search (Bioactive) OR (Bioactivity) OR (Bioactivated) OR (Bioactivates) OR (Bioactivation) OR (Bioactivities) OR (Products, Biological) OR (Biological Product) OR (Product, Biological) OR (Biologic Product) OR (Product, Biologic) OR (Biologic Products) OR (Biopharmaceuticals) OR (Biopharmaceutical) OR (Biological) OR (Biologic) OR (Biological Drug) OR (Drug, Biological) OR (Biologic Drugs) OR (Drugs, Biologic) OR (Biological Medicine) OR (Medicine, Biological) OR (Biological Medicines) OR (Medicines, Biological) OR (Biologics) OR (Biologic Medicines) OR (Medicines, Biologic) OR (Biologic Pharmaceuticals) OR (Pharmaceuticals, Biologic) OR (Biologics) OR (Biological Factors) OR (Biologic Drug) OR (Drug, Biologic) OR (Biological Drugs) OR (Drugs, Biological) OR (Natural Products) OR (Natural Product) OR (Product, Natural) OR (Testing, Materials) OR (Testing, Biocompatible Materials) OR (Biocompatible Materials Testing) OR (Materials Testing, Biocompatible) OR (Biocompatibility Testing) OR (Testing, Biocompatibility) OR (Testings, Biocompatibility) OR (Hemocompatibility Testing) OR (Hemocompatibility Testings) OR (Testing, Hemocompatibility) OR (Testing, Hemocompatible Materials) OR (Hemocompatible Materials Testing) OR (Materials Testing, Hemocompatible) OR (Physiologic Calcification) OR (Calcification, Physiological) OR (Physiological Calcification) OR (Bone Mineralization) OR (Mineralization, Bone) OR (Mineralization) OR (Mineralisable) OR (Mineralized) OR (Bone Formation) OR (Ossification) OR (Ossifications) OR (Osteoclastogenesis) OR (Osteoclastogeneses) OR (Endochondral Ossification) OR (Endochondral Ossifications) OR (Ossification, Endochondral) OR (Ossifications, Endochondral) OR (Physiologic Ossification) OR (Ossification, Physiological) OR (Physiological Ossification) OR (Ossification, Physiologic) OR (angiogenic) OR (angiogenically) OR (angiogenicity) OR (angiogenics) OR (angiogens) OR (Proliferation, Cell) OR (Cellular Proliferation) OR (Proliferation, Cellular) OR (Cell Multiplication) OR (Multiplication, Cell) OR (Cell Growth in Number) OR (Cell Number Growth) OR (Growth, Cell Number) OR (Number Growth, Cell) OR (gene expression) OR (odontogenic) OR (odontogenous) OR (osteogene) OR (osteogenic)
#1	
Embase	
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Web of Science

#4 Search #1 AND #2 AND #3

#3 TS=((Root Canal Filling Material) OR (Root Canal Sealants) OR (Sealants, Root Canal) OR (Canal Sealant, Root) OR (Canal Sealants, Root) OR (Root Canal Sealant) OR (Sealant, Root Canal))

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SciVerse Scopus

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The Cochrane Library

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LILACS/BBO

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