

Supplementary material The detailed search strategies.

PubMed:

hPTH (1-34) OR Human Parathyroid Hormone (1-34) OR Parathar OR Teriparatide Acetate OR Forteo OR "Teriparatide"[Mesh] OR 4-Amino-1-Hydroxybutylidene 1,1-Biphosphonate OR Aminohydroxybutane OR Bisphosphonate OR MK-217 OR MK 217 OR MK217 OR Alendronate Monosodium Salt, Trihydrate OR Alendronate Sodium OR Fosamax OR "Alendronate"[Mesh] OR Bisphosphonates OR Bisphosphonate OR "Diphosphonates"[Mesh] OR Ibandronate OR 1-Hydroxy-3-(methylpentylamino)propylidenebisphosphonate OR (1-Hydroxy-3-(methylpentylamino)propylidene)bisphosphonate OR Ibandronate Sodium Anhydrous OR Boniva OR Bonviva OR Ibandronate Sodium OR Ibandronic Acid, Sodium Salt, Monohydrate OR RPR 102289A OR RPR-102289A OR RPR102289A OR Bondronat OR BM 21.0955 OR BM 210955 OR BM-21.0955 OR BM21.0955 OR BM-210955 OR BM210955 OR "Ibandronic Acid"[Mesh] OR 2-(Imidazol-1-yl)-1-hydroxyethylidene-1,1-bisphosphonic acid OR CGP 42446A OR CGP-42446 OR CGP 42446 OR CGP42446 OR CGP-42'446 OR CGP42'446 OR CGP 42'446 OR Zometa OR Zoledronic Acid Anhydrous OR Zoledronate OR Zoledronic Acid OR "Zoledronic Acid"[Mesh] OR 1-Hydroxy-2-(3-pyridyl)ethylidene diphosphonate OR Atelvia OR Risedronate Sodium OR 2-(3-pyridinyl)-1-hydroxyethylidene-bisphosphonate OR 2-(3-pyridinyl)-1-hydroxyethylidenebisphosphonate OR Risedronic Acid, Monosodium Salt OR Actonel OR Risedronate OR Bisphosphonate Risedronate Sodium OR Risedronate Sodium, Bisphosphonate OR Sodium, Bisphosphonate Risedronate OR "Risedronic Acid"[Mesh] OR Amino-1-hydroxypropane-1,1-diphosphonate OR Amino 1 hydroxypropane 1,1 diphosphonate OR AHPPrBP OR Aminopropanehydroxydiphosphonate OR Amidronate OR (3-Amino-1-hydroxypropylidene)-1,1-biphosphonate OR Aminohydroxypropylidene Diphosphonate OR 1-Hydroxy-3-aminopropane-1,1-diphosphonic acid OR 1 Hydroxy 3 aminopropane 1,1 diphosphonic acid OR Pamidronic Acid OR

Pamidronate Monosodium OR Pamidronate Calcium OR Pamidronate Disodium OR Aredia OR "Pamidronate"[Mesh] zoledronate)) OR Xgeva OR AMG 162 OR Prolia OR "Denosumab"[Mesh] AND (spine fusion OR spinal fusion OR interbody fusion OR inter-body fusion OR spinal arthrodesis OR spine arthrodesis OR spondylosyndesis OR vertebral fusion OR lumbar fusion OR thoracic fusion)

EMBASE:

('spine fusion'/exp OR 'dorsal spine fusion' OR 'fusion, spine' OR 'spinal fusion' OR 'spine fusion' OR 'spine interbody fusion' OR 'vertebral condensation' OR 'spine arthrodesis'/exp OR 'interbody fusion'/exp OR 'thoracic fusion' OR 'lumbar fusion'/exp OR 'inter-body fusion') AND ('parathyroid hormone[1-34]'/exp OR 'bovine parathyroid hormone [1-34]' OR 'chs13340' OR 'chs13340' OR 'forsteo' OR 'forteo' OR 'ly333334' OR 'ly333334' OR 'movymia' OR 'parathar' OR 'parathormone (1-34)' OR 'parathormone 1 34' OR 'parathormone 1-34' OR 'parathormone [1-34]' OR 'parathyroid hormone (1-34)' OR 'parathyroid hormone 1 34' OR 'parathyroid hormone 1-34' OR 'parathyroid hormone [1 34]' OR 'parathyroid hormone [1-34]' OR 'parathyroid hormone [1-34] peptide' OR 'parathyroid hormone[1-34]' OR 'pth[1-34]' OR 'sun e3001' OR 'sune3001' OR 'teriparatide' OR 'teriparatide (rdnaorigin)' OR 'teriparatide acetate' OR 'teriparatide recombinant human' OR 'terrosa' OR 'bisphosphonicacid derivative'/exp OR 'biphosphonate' OR 'biphosphonates' OR 'bisphosphonate' OR 'bisphosphonate derivative' OR 'bisphosphonates' OR 'bisphosphonicacid derivative' OR 'diphosphonate derivative' OR 'diphosphonate series' OR 'diphosphonates' OR 'diphosphonicacid derivative' OR 'risedronicacid'/exp OR '1 hydroxy 2 (3 pyridinyl) ethylidene 1, 1 bisphosphonicacid' OR '1 hydroxy 2 (3 pyridyl) 1, 1 ethanebisphosphonicacid' OR '1 hydroxy 2 (3 pyridyl) ethylidene 1, 1 bisphosphonate' OR '1 hydroxy 2 (3

pyridyl) ethylidene 1, 1 bisphosphonicacid' OR '2 (3 pyridinyl) 1 hydroxyethylidene1, 1 bisphosphonicacid' OR 'acrel' OR 'actonel' OR 'actonelonce a week' OR 'atelvia' OR 'benet' OR 'ne 58095' OR 'ne58095' OR 'optinate' OR 'ribastamin' OR 'risedronate' OR 'risedronate monosodium hemipentahydrate' OR 'risedronate sodium' OR 'risedronicacid' OR 'ibandronicacid'/exp OR 'olpadronicacid'/exp OR '1 hydroxy 3 dimethylamino1, 1 propanediphosphonate' OR '1 hydroxy 3 dimethylaminopropane1, 1 diphosphonate' OR '3 dimethylamino1 hydroxy 1, 1 propanediphosphonicacid' OR '3 dimethylamino1 hydroxypropylidene1, 1 diphosphonate' OR 'hydroxydimethylaminopropylenediphosphonicacid' OR 'ig8801' OR 'ig8801' OR 'olpadronate' OR 'olpadronatesodium' OR 'olpadronicacid' OR 'olpadronicacid sodium salt' OR 'sodium olpadronate' OR 'zoledronic acid'/exp OR '1 hydroxy 2 (1 imidazolyl) 1, 1 ethanebisphosphonicacid' OR '1 hydroxy 2 (1h imidazolyl) ethylidenebisphosphonicacid' OR '1 hydroxy 2 (imidazolyl) ethylidenebisphosphonicacid' OR 'aclasta' OR 'cgp42446' OR 'cgp42446a' OR 'cgp42446' OR 'cgp42446a' OR 'orazol' OR 'reclast' OR 'zol446' OR 'zol446' OR 'zoledronate' OR 'zoledronate disodium' OR 'zoledronate trisodium' OR 'zoledronic acid' OR 'zoledronic acid disodium salt hydrate' OR 'zoledronicacid hydrate' OR 'zoledronic acid monohydrate' OR 'zomera' OR 'zometa' OR 'alendronicacid'/exp OR '4 amino 1 hydroxy 1, 1 butanebisphosphonicacid' OR '4 amino 1 hydroxy 1, 1 butanediphosphonicacid' OR '4 amino 1 hydroxybutane1, 1 diphosphonate' OR '4 amino 1 hydroxybutane1, 1 diphosphonicacid' OR '4 amino 1 hydroxybutylidene1, 1 bisphosphonate' OR '4 amino 1 hydroxybutylidene1, 1 bisphosphonicacid' OR '4 amino 1 hydroxybutylidene1, 1 diphosphonate' OR '4 amino 1 hydroxybutylidene1, 1 diphosphonicacid' OR 'alenato' OR 'alend' OR 'alendronate' OR 'alendronate sodium' OR 'alendronate sodium trihydrate' OR 'alendronicacid' OR 'alendros' OR 'alovell' OR 'arendal' OR 'bifemelan' OR 'bifosa' OR 'binosto' OR 'bonapex' OR 'defixal' OR 'dronal' OR 'endronax' OR 'eucalen' OR 'fixopan' OR 'fosalan'

OR 'fosamax' OR 'fosmin' OR 'fosval' OR 'marvil' OR 'maxibone' OR
'maxibone70' OR 'mk0217' OR 'mk217' OR 'mk0217' OR 'mk217' OR 'neobon'
OR 'oncalst' OR 'onclast' OR 'osdron' OR 'osdronat' OR 'oseotenk' OR 'osficar'
OR 'oslene' OR 'osteofar' OR 'osteofos' OR 'osteopor' OR 'osteosan' OR
'osteovan' OR 'osticalcin' OR 'porosal' OR 'sodium alendronate' OR 'teiroc' OR
'tibolene' OR 'voroste' OR 'neridronicacid'/exp OR '6 amino 1 hydroxy 1, 1
hexanebisphosphonicacid' OR '6 amino 1 hydroxy 1, 1
hexanediphosphonicacid' OR '6 amino 1 hydroxyhexane1, 1 diphosphonicacid'
OR '6 amino 1 hydroxyhexylidene1, 1 bisphosphonate' OR '6 amino 1
hydroxyhexylidene1, 1 bisphosphonicacid' OR '6 amino 1 hydroxyhexylidene1,
1 diphosphonate' OR '6 amino 1 hydroxyhexylidene1, 1 diphosphonicacid' OR
'neridronate' OR 'neridronatesodium' OR 'neridronicacid' OR 'nerixia' OR
'pamidronicacid'/exp OR '(3 amino 1 hydroxypropylidene) 1, 1
diphosphonicacid' OR '1 hydroxy 3 aminopropylidene1, 1 bisphosphonate' OR
'3 amino 1 hydroxy 1, 1 propanediphosphonicacid' OR '3 amino 1
hydroxypropane1, 1 diphosphonate' OR '3 amino 1 hydroxypropane1, 1
diphosphonicacid' OR '3 amino 1 hydroxypropylidene1, 1 bisphosphonate' OR
'3 amino 1 hydroxypropylidene1, 1 bisphosphonicacid' OR '3 amino 1
hydroxypropylidene1, 1 diphosphonate' OR '3 amino 1 hydroxypropylidene1,
1 diphosphonicacid' OR '3 amino 1 hydroxypropylidene1, 1 diphosphonate' OR
'3 amino 1, 1 diphosphonopropanol' OR '3 aminohydroxypropylidene1, 1
diphosphonate' OR '3 hydroxy 3, 3 diphosphonopropylamine' OR 'amidronate'
OR 'aminohydroxypropanediphosphonicacid' OR
'aminohydroxypropyldiphosphonate' OR 'aminohydroxypropylidene1, 1
diphosphonate' OR 'aminohydroxypropylidenediphosphonate' OR
'aminohydroxypropylidenebisphonicacid' OR
'aminohydroxypropylidenebisphosphonate' OR
'aminohydroxypropylidenediphosphonate' OR 'aminomux' OR 'apd' OR
'aredia' OR 'aredronet' OR 'cgp23339' OR 'cgp23339a' OR 'cgp23339' OR
'cgp23339a' OR 'disodium 3 amino 1 hydroxypropylidene1, 1 bisphosphonate'

OR 'disodium 3 amino 1 hydroxypropylidene1, 1 diphosphonate' OR
'disodium pamidronate' OR 'ostepam' OR 'pamidrin' OR 'pamidrocell' OR
'pamidro-cell' OR 'pamidrocell' OR 'pamidromyl' OR 'pamidronat' OR
'pamidronate' OR 'pamidronate disodium' OR 'pamidronate disodium
novaplus' OR 'pamidronate sodium' OR 'pamidronato' OR 'pamidronicacid'
OR 'pamifos' OR 'pamimed' OR 'paminject' OR 'pamipro' OR 'pamired' OR
'pamisol' OR 'pamitor' OR 'panolin' OR 'panorin' OR 'ribodronat' OR 'sodium
pamidronate' OR 'texpami')

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hPTH (1-34) OR Human Parathyroid Hormone (1-34) OR Parathar OR
Teriparatide Acetate OR Forteo OR 4-Amino-1-Hydroxybutylidene 1,1-
Biphosphonate OR Aminohydroxybutane OR Bisphosphonate OR MK-217 OR
MK 217 OR MK217 OR Alendronate Monosodium Salt, Trihydrate OR
Alendronate Sodium OR Fosamax OR "Alendronate"[Mesh] OR
Bisphosphonates OR Bisphosphonate OR Ibandronate OR 1-Hydroxy-3-
(methylpentylamino)propylidenebisphosphonate OR (1-Hydroxy-3-
(methylpentylamino)propylidene)bisphosphonate OR Ibandronate Sodium
Anhydrous OR Boniva OR Bonviva OR Ibandronate Sodium OR Ibandronic
Acid, Sodium Salt, Monohydrate OR RPR 102289A OR RPR-102289A OR
RPR102289A OR Bondronat OR BM 21.0955 OR BM 210955 OR BM-21.0955 OR
BM21.0955 OR BM-210955 OR BM210955 OR 2-(Imidazol-1-yl)-1-
hydroxyethylidene-1,1-bisphosphonic acid OR CGP 42446A OR CGP-42446 OR
CGP 42446 OR CGP42446 OR CGP-42'446 OR CGP42'446 OR CGP 42'446 OR
Zometa OR Zoledronic Acid Anhydrous OR Zoledronate OR Zoledronic Acid
OR 1-Hydroxy-2-(3-pyridyl)ethylidene diphosphonate OR Atelvia OR
Risedronate Sodium OR 2-(3-pyridinyl)-1-hydroxyethylidene-bisphosphonate
OR 2-(3-pyridinyl)-1-hydroxyethylidenebisphosphonate OR Risedronic Acid,
Monosodium Salt OR Actonel OR Risedronate OR Bisphosphonate

Risedronate Sodium OR Risedronate Sodium, Bisphosphonate OR Sodium, Bisphosphonate Risedronate OR Amino-1-hydroxypropane-1,1-diphosphonate OR Amino 1 hydroxypropane 1,1 diphosphonate OR AHPPrBP OR Aminopropanehydroxydiphosphonate OR Amidronate OR (3-Amino-1-hydroxypropylidene)-1,1-biphosphonate OR Aminohydroxypropylidene Diphosphonate OR 1-Hydroxy-3-aminopropane-1,1-diphosphonic acid OR 1 Hydroxy 3 aminopropane 1,1 diphosphonic acid OR Pamidronic Acid OR Pamidronate Monosodium OR Pamidronate Calcium OR Pamidronate Disodium OR Aredia OR zoledronate)) OR Xgeva OR AMG 162 OR Prolia AND (spine fusion OR spinal fusion OR interbody fusion OR inter-body fusion OR spinal arthrodesis OR spine arthrodesis OR spondylosyndesis OR vertebral fusion OR lumbar fusion OR thoracic fusion)

the Cochrane Library:

hPTH (1-34) OR Human Parathyroid Hormone (1-34) OR Teriparatide Acetate OR Forteo OR Alendronate Monosodium Salt, Trihydrate OR MK 217 OR MK217 OR MK-217 OR Aminohydroxybutane Bisphosphonate OR 4-Amino-1-Hydroxybutylidene 1,1-Biphosphonate OR Alendronate Sodium OR Risedronate Sodium OR 2-(3-pyridinyl)-1-hydroxyethylidenebisphosphonate OR 2-(3-pyridinyl)-1-hydroxyethylidene-bisphosphonate; Actonel OR Risedronate OR 1-Hydroxy-2-(3-pyridyl)ethylidene diphosphonate OR Risedronic Acid, Monosodium Salt OR Atelvia OR Bisphosphonate Risedronate Sodium OR Risedronate Sodium, Bisphosphonate OR Sodium, Bisphosphonate Risedronate OR CGP 42446 OR CGP 42'446 OR CGP 42446A OR CGP42446 OR CGP42'446 OR CGP-42446 OR CGP-42'446 OR Zoledronate OR Zometa OR 2-(Imidazol-1-yl)-1-hydroxyethylidene-1,1-bisphosphonic acid OR Zoledronic Acid OR Anhydrous OR Xgeva OR AMG 162 OR Prolia AND (spine fusion OR spinal fusion OR interbody fusion OR inter-body fusion OR spinal arthrodesis OR spine arthrodesis OR spondylosyndesis OR vertebral fusion OR lumbar fusion OR thoracic fusion)

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(腰椎融合 OR 脊柱融合 OR 胸椎融合) AND (双磷酸盐 OR 唑来膦酸 OR 依替膦酸钠 OR 氯膦酸钠 OR 帕米膦酸钠 OR 替鲁膦酸钠 OR 阿仑膦酸钠 OR 奈立膦酸钠 OR 奥帕膦酸钠 OR 利塞膦酸钠 OR 伊班膦酸钠 OR 密骨达 OR 特立帕肽 OR 欣复康 OR 重组特立帕肽 OR 地舒单抗 OR 安加维)