

Search Strategies:

Embase.com

((('hip osteoarthritis'/de OR 'hip dysplasia'/de OR (((hip* OR cox) NEAR/3 (osteoarthriti* OR arthriti* OR osteoarthrosis OR osteoarthroses OR arthrosis OR arthroses OR 'degenerative joint disease*' OR dysplas*)) OR coxarthrosis OR coxarthrosis OR coxarthroses OR 'malum coxae senilis'):ab,ti))

AND

('hip arthroplasty'/de OR 'hip replacement'/de OR 'total hip replacement'/de OR 'arthroplasty'/de OR 'total arthroplasty'/de OR 'minimally invasive surgery'/de OR 'total hip prosthesis'/exp OR 'hip prosthesis'/de OR 'Wagner hip prosthesis'/de OR 'charnley total hip endoprosthesis'/de OR 'joint prosthesis'/de OR 'endoprosthesis'/de OR (replacement* OR arthroplast* OR prosthes* OR arthroprosthes* OR endoprosthes* OR prosthetic OR implant* OR reconstruct* OR THR OR THA OR (('minimally invasive' OR mini-invasive OR minimal OR 'minimal access') NEAR/3 (surgery OR 'surgical method*' OR 'surgical procedure*' OR 'surgical technique*' OR operation OR 'operative treatment' OR 'operative intervention' OR 'operative repair' OR 'operative restoration')) OR 'ABG II' OR 'AML Hip System' OR 'APR (total hip prosthesis)' OR 'APR hip system' OR 'APR-II (total hip prosthesis)' OR 'APR-II total hip arthroplasty system' OR 'ASR XL' OR 'Austin Moore' OR 'B-P Integrated Hip system' OR 'Bencox (total hip prosthesis)' OR 'Bencox Hip System' OR 'Biocontact (device)' OR 'Ceramax' OR 'Charnley' OR 'Corail (total hip prosthesis)' OR 'Corail system' OR 'Coren Total Hip System' OR 'EcoFit (total hip prosthesis)' OR 'EcoFit total hip system' OR 'Excia (total hip prosthesis)' OR 'Excia Hip System' OR 'Excia Total Hip System' OR 'Exeter Universal' OR 'FitRite (total hip prosthesis)' OR 'FitRite Hip System' OR 'Foundation (total hip prosthesis)' OR 'Foundation Total Hip System' OR 'Harris-Galante' OR 'I-Hip (total hip prosthesis)' OR 'I-Hip total hip system' OR 'Initia (total hip prosthesis)' OR 'Initia Total Hip System' OR 'iNSitu (total hip prosthesis)' OR 'iNSitu Hip System' OR 'iTotal (total hip prosthesis)' OR 'iTotal Hip replacement system' OR 'Klassic HD (total hip prosthesis)' OR 'Klassic HD Hip System' OR 'LSF-Triad' OR 'Mallory-Head (total hip prosthesis)' OR 'MultiFit (total hip prosthesis)' OR 'MultiFit Total Hip System' OR 'NexFlex (total hip prosthesis)' OR 'NexFlex Bipolar System' OR 'NovoHip (total hip prosthesis)' OR 'NovoHip total hip system' OR 'oMEGA (total hip prosthesis)' OR 'oMEGA HA Coated Total Hip System' OR 'oMEGA Total Hip System' OR 'Porous-Coated Anatomic' OR 'PROSTALAC' OR 'prosthesis, total hip' OR 'Proxima' OR 'S-ROM (total hip prosthesis)' OR 'S-ROM Total Hip System' OR 'Spongiosa Metal II' OR 'SYNERGY (total hip prosthesis)' OR 'SYNERGY Hip System' OR 'Triton Hip System' OR 'U2 Hip System' OR 'UniSyn Hip System'):ab,ti))

OR

((('hip osteoarthritis'/de OR 'hip dysplasia'/de OR 'osteoarthritis'/de OR (osteoarthriti* OR arthriti* OR osteoarthrosis OR osteoarthroses OR arthrosis OR arthroses OR 'degenerative joint disease*' OR dysplas* OR coxarthrosis OR coxarthrosis OR coxarthroses OR 'malum coxae senilis'):ab,ti))

AND

('hip arthroplasty'/de OR 'hip replacement'/de OR 'total hip replacement'/de OR 'total hip prosthesis'/exp OR 'hip prosthesis'/de OR 'Wagner hip prosthesis'/de OR 'charnley total hip endoprosthesis'/de OR (((hip* OR cox) NEAR/3 (replacement* OR arthroplast* OR prosthes* OR arthroprosthes* OR endoprosthes* OR prosthetic OR implant* OR reconstruct*)) OR THR OR THA OR 'ABG II' OR 'AML Hip System' OR 'APR (total hip prosthesis)' OR 'APR hip system' OR 'APR-II (total hip

prosthesis)' OR 'APR-II total hip arthroplasty system' OR 'ASR XL' OR 'Austin Moore' OR 'B-P Integrated Hip system' OR 'Bencox (total hip prosthesis)' OR 'Bencox Hip System' OR 'Biocontact (device)' OR 'Ceramax' OR 'Charnley' OR 'Corail (total hip prosthesis)' OR 'Corail system' OR 'Coren Total Hip System' OR 'EcoFit (total hip prosthesis)' OR 'EcoFit total hip system' OR 'Excia (total hip prosthesis)' OR 'Excia Hip System' OR 'Excia Total Hip System' OR 'Exeter Universal' OR 'FitRite (total hip prosthesis)' OR 'FitRite Hip System' OR 'Foundation (total hip prosthesis)' OR 'Foundation Total Hip System' OR 'Harris-Galante' OR 'I-Hip (total hip prosthesis)' OR 'I-Hip total hip system' OR 'Initia (total hip prosthesis)' OR 'Initia Total Hip System' OR 'iNSitu (total hip prosthesis)' OR 'iNSitu Hip System' OR 'iTtotal (total hip prosthesis)' OR 'iTtotal Hip replacement system' OR 'Klassic HD (total hip prosthesis)' OR 'Klassic HD Hip System' OR 'LSF-Triad' OR 'Mallory-Head (total hip prosthesis)' OR 'MultiFit (total hip prosthesis)' OR 'MultiFit Total Hip System' OR 'NexFlex (total hip prosthesis)' OR 'NexFlex Bipolar System' OR 'NovoHip (total hip prosthesis)' OR 'NovoHip total hip system' OR 'oMEGA (total hip prosthesis)' OR 'oMEGA HA Coated Total Hip System' OR 'oMEGA Total Hip System' OR 'Porous-Coated Anatomic' OR 'PROSTALAC' OR 'prosthesis, total hip' OR 'Proxima' OR 'S-ROM (total hip prosthesis)' OR 'S-ROM Total Hip System' OR 'Spongiosa Metal II' OR 'SYNERGY (total hip prosthesis)' OR 'SYNERGY Hip System' OR 'Triton Hip System' OR 'U2 Hip System' OR 'UniSyn Hip System'):ab,ti)))

AND

('muscle strength'/de OR 'muscle weakness'/de OR 'dynamometer'/de OR 'electromyography'/de OR 'walking'/de OR 'gait'/de OR 'arthrometry'/de OR 'joint characteristics and functions'/de OR 'joint function'/de OR 'joint limitation'/de OR 'joint mobility'/de OR 'joint stability'/de OR 'torque'/de OR 'endurance'/de OR 'walking difficulty'/de OR 'movement (physiology)'/de OR 'body movement'/de OR 'leg movement'/exp OR 'physical mobility'/de OR 'physical performance'/de OR 'hip abductor muscle'/de OR 'convalescence'/de OR 'functional assessment'/de OR 'functional status'/de OR 'Hip Disability and Osteoarthritis Outcome Score'/de OR 'Harris hip score'/de OR 'Oxford hip score'/de OR (((muscle OR muscular) NEAR/3 (strength OR power OR force OR weakness OR weakening OR insufficiency OR fatigue OR deficit*)) OR dynamometer* OR electromyograph* OR electromyogram* OR ((electro OR electrical OR electric) NEXT myography) OR gait OR walking OR arthrometr* OR goniometr* OR 'range of motion' OR ((joint OR articular OR leg OR hip OR postoperative OR post-operative OR postarthroplasty OR post-arthroplasty OR physical OR restoring) NEAR/3 (movement* OR function* OR limitation* OR mobil* OR motilit* OR flexibility* OR rotation* OR stabilit* OR score* OR performanc* OR outcome* OR abilit*)) OR torque* OR 'torsional moment*' OR 'turning force*' OR newton-meter* OR endurance OR stamina OR 'dependent ambulation' OR ((ambulation OR ambulatory OR mobil*) NEAR/3 (difficult* OR disabilit* OR disablement OR limitation* OR limited OR handicap*)) OR 'hip abduct*' OR 'gluteal muscle*' OR gluteus OR convalescen* OR 'recovery of function' OR 'function* recover*' OR 'functional outcome*' OR 'functional response*' OR 'functional assessment*' OR 'functional status' OR 'abduction motion' OR 'Hip Disability and Osteoarthritis Outcome Score' OR 'Harris hip score' OR 'Oxford hip score'):ab,ti)

NOT

(('animal'/de OR 'animal experiment'/exp OR 'nonhuman'/de) NOT ('human'/exp OR 'human experiment'/de))

NOT [conference abstract]/lim

Medline (Ovid)

((Osteoarthritis, Hip/ OR (((hip* OR cox) ADJ3 (osteoarthriti* OR arthriti* OR osteoarthrosis OR osteoarthroses OR arthrosis OR arthroses OR degenerative joint disease* OR dysplas*)) OR coxarthrosis OR coxarthrosis OR coxarthroses OR malum coxae senilis).ab,ti.)

AND

(Arthroplasty, Replacement, Hip/ OR arthroplasty, replacement/ OR Minimally Invasive Surgical Procedures/ OR hip prosthesis/ OR joint prosthesis/ OR (replacement* OR arthroplast* OR prosthes* OR arthroprosthes* OR endoprothes* OR prosthetic OR implant* OR reconstruct* OR THR OR THA OR ((minimally invasive OR mini-invasive OR minimal OR minimal access) ADJ3 (surgery OR surgical method* OR surgical procedure* OR surgical technique* OR operation OR operative treatment OR operative intervention OR operative repair OR operative restoration)) OR ABG II OR AML Hip System OR APR total hip prosthesis OR APR hip system OR APR-II total hip prosthesis OR APR-II total hip arthroplasty system OR ASR XL OR Austin Moore OR B-P Integrated Hip system OR Bencox total hip prosthesis OR Bencox Hip System OR Biocontact device OR Ceramax OR Charnley OR Corail total hip prosthesis OR Corail system OR Coren Total Hip System OR EcoFit total hip prosthesis OR EcoFit total hip system OR Excia total hip prosthesis OR Excia Hip System OR Excia Total Hip System OR Exeter Universal OR FitRite total hip prosthesis OR FitRite Hip System OR Foundation total hip prosthesis OR Foundation Total Hip System OR Harris-Galante OR I-Hip total hip prosthesis OR I-Hip total hip system OR Initia total hip prosthesis OR Initia Total Hip System OR iNSitu total hip prosthesis OR iNSitu Hip System OR iTot total hip prosthesis OR iTot Hip replacement system OR Klassic HD total hip prosthesis OR Klassic HD Hip System OR LSF-Triad OR Mallory-Head total hip prosthesis OR MultiFit total hip prosthesis OR MultiFit Total Hip System OR NexFlex total hip prosthesis OR NexFlex Bipolar System OR NovoHip total hip prosthesis OR NovoHip total hip system OR oMEGA total hip prosthesis OR oMEGA HA Coated Total Hip System OR oMEGA Total Hip System OR Porous-Coated Anatomic OR PROSTALAC OR prosthesis, total hip OR Proxima OR S-ROM total hip prosthesis OR S-ROM Total Hip System OR Spongiosa Metal II OR SYNERGY total hip prosthesis OR SYNERGY Hip System OR Triton Hip System OR U2 Hip System OR UniSyn Hip System).ab,ti.))

OR

((Osteoarthritis, Hip/ OR osteoarthritis/ OR (osteoarthriti* OR arthriti* OR osteoarthrosis OR osteoarthroses OR arthrosis OR arthroses OR degenerative joint disease* OR dysplas* OR coxarthrosis OR coxarthrosis OR coxarthroses OR malum coxae senilis).ab,ti.)

AND

(Arthroplasty, Replacement, Hip/ OR hip prosthesis/ OR (((hip* OR cox) ADJ3 (replacement* OR arthroplast* OR prosthes* OR arthroprosthes* OR endoprothes* OR prosthetic OR implant* OR reconstruct*)) OR THR OR THA OR ABG II OR AML Hip System OR APR total hip prosthesis OR APR hip system OR APR-II total hip prosthesis OR APR-II total hip arthroplasty system OR ASR XL OR Austin Moore OR B-P Integrated Hip system OR Bencox total hip prosthesis OR Bencox Hip System OR Biocontact device OR Ceramax OR Charnley OR Corail total hip prosthesis OR Corail system OR Coren Total Hip System OR EcoFit total hip prosthesis OR EcoFit total hip system OR Excia total hip prosthesis OR Excia Hip System OR Excia Total Hip System OR Exeter Universal OR FitRite total hip prosthesis OR FitRite Hip System OR Foundation total hip prosthesis OR Foundation Total Hip System OR Harris-Galante OR I-Hip total hip prosthesis OR I-Hip total hip system OR Initia total hip prosthesis OR Initia Total Hip System OR iNSitu total hip prosthesis OR iNSitu Hip System OR iTot total hip prosthesis OR iTot Hip replacement system OR Klassic HD total hip prosthesis OR Klassic HD Hip System OR LSF-Triad OR Mallory-Head total hip prosthesis OR MultiFit total hip prosthesis OR

MultiFit Total Hip System OR NexFlex total hip prosthesis OR NexFlex Bipolar System OR NovoHip total hip prosthesis OR NovoHip total hip system OR oMEGA total hip prosthesis OR oMEGA HA Coated Total Hip System OR oMEGA Total Hip System OR Porous-Coated Anatomic OR PROSTALAC OR prosthesis, total hip OR Proxima OR S-ROM total hip prosthesis OR S-ROM Total Hip System OR Spongiosa Metal II OR SYNERGY total hip prosthesis OR SYNERGY Hip System OR Triton Hip System OR U2 Hip System OR UniSyn Hip System).ab,ti.))

AND

(muscle strength/ OR muscle weakness/ OR Muscle Strength Dynamometer/ OR electromyography/ OR walking/ OR gait/ OR exp Range of Motion, Articular/ OR torque/ OR physical endurance/ OR Mobility Limitation/ OR movement/ OR exp physical functional performance/ OR Recovery of Function/ OR convalescence/ OR (((muscle OR muscular) ADJ3 (strength OR power OR force OR weakness OR weakening OR insufficiency OR fatigue OR deficit*)) OR dynamometer* OR electromyograph* OR electromyogram* OR ((electro OR electrical OR electric) ADJ myography) OR gait OR walking OR arthrometr* OR goniometr* OR range of motion OR ((joint OR articular OR leg OR hip OR postoperative OR post-operative OR postarthroplasty OR post-arthroplasty OR physical OR restoring) ADJ3 (movement* OR function* OR limitation* OR mobil* OR motilit* OR flexibility* OR rotation* OR stabilit* OR score* OR performanc* OR outcome* OR abilit*)) OR torque* OR torsional moment* OR turning force* OR newton-meter* OR endurance OR stamina OR dependent ambulation OR ((ambulation OR ambulatory OR mobil*) ADJ3 (difficult* OR disabilit* OR disablement OR limitation* OR limited OR handicap*)) OR hip abduct* OR gluteal muscle* OR gluteus OR convalescen* OR recovery of function OR function* recover* OR functional outcome* OR functional response* OR functional assessment* OR functional status OR abduction motion OR Hip Disability and Osteoarthritis Outcome Score OR Harris hip score OR Oxford hip score).ab,ti.)

NOT

(exp animals/ NOT humans/)

Cochrane Library (CENTRAL)

(((((hip* OR cox) NEAR/3 (osteoarthriti* OR arthriti* OR osteoarthrosis OR osteoarthroses OR arthrosis OR arthroses OR 'degenerative joint disease*' OR dysplas*)) OR coxarthrosis OR coxarthrosis OR coxarthroses OR 'malum coxae senilis'):ab,ti) AND ((replacement* OR arthroplast* OR prosthes* OR arthroprosthes* OR endoprosthesis* OR prosthetic OR implant* OR reconstruct* OR THR OR THA OR (('minimally invasive' OR mini-invasive OR minimal OR 'minimal access') NEAR/3 (surgery OR 'surgical method*' OR 'surgical procedure*' OR 'surgical technique*' OR operation OR 'operative treatment' OR 'operative intervention' OR 'operative repair' OR 'operative restoration')) OR 'ABG II' OR 'AML Hip System' OR 'APR (total hip prosthesis)' OR 'APR hip system' OR 'APR-II (total hip prosthesis)' OR 'APR-II total hip arthroplasty system' OR 'ASR XL' OR 'Austin Moore' OR 'B-P Integrated Hip system' OR 'Bencox (total hip prosthesis)' OR 'Bencox Hip System' OR 'Biocontact (device)' OR 'Ceramax' OR 'Charnley' OR 'Corail (total hip prosthesis)' OR 'Corail system' OR 'Coren Total Hip System' OR 'EcoFit (total hip prosthesis)' OR 'EcoFit total hip system' OR 'Excia (total hip prosthesis)' OR 'Excia Hip System' OR 'Excia Total Hip System' OR 'Exeter Universal' OR 'FitRite (total hip prosthesis)' OR 'FitRite Hip System' OR 'Foundation (total hip prosthesis)' OR 'Foundation Total Hip System' OR 'Harris-Galante' OR 'I-Hip (total hip prosthesis)' OR 'I-Hip total hip system' OR 'Initia (total hip prosthesis)' OR 'Initia Total Hip System' OR 'iNSitu (total hip prosthesis)' OR 'iNSitu Hip System' OR 'iTotal (total hip prosthesis)' OR 'iTotal Hip replacement system' OR 'Klassic HD (total hip

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