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**PJI-related keywords (196)**

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Adhesins;ankle;arthroplast\*;arthroplastic;arthroplasties;arthroplasty;aseptic loosenin g;aseptic loosening of joint prosthesis;bacteraem\*;bacterem\*;Bacteria;bacteria infec -tion;bacteria infections;bacteria\*;Bacterial Adhesion;bacterial infections;bacterie; biofilm\*;Biofilms;complication;deep infection;deep prosthetic infection;deep surgical site infection;ELBOW;endoprostheses;endoprosthetic;failed;faile -d total joint arthroplasty;femoral;Femur;femur\*;finger;graft;HA;hemiarthroplasty; Hip;Hip arthroplastic;Hip arthroplasties;Hip arthroplasty;Hip implant;Hip implants;Hip infection;hip joint;Hip joint replacement;Hip joint replacements;Hip operati -on;Hip prostheses;Hip Prosthesis;hip replacement;Hip replacements;HSA;Implant infection;implant\*;Implantation;Implantations;Implants;infect;infect\*;infected;infect -ed hip prostheses;infected knee prostheses;infected total knee arthroplasty;infecti -on;infection\*;infections;infectious;infective;inflamed;inflammation\*;inflammation;infla -mmation\*;joint;joint arthroplasty;joint infection;joint prostheses;joint prosthesis;J -oint Prosthesis Implantation;Joint prosthesis implantations;joint prosthesis infectio -n;joint replacement;joint replacements;knee;knee arthroplast\*;Knee arthroplastic;k -nee arthroplasty;knee infection;knee joint;knee prosthesis;Knee reconstruction;knee -replacement;knee replacement\*;Knee replacements;knee revision failure;knee r -evision infection;knee surgery;metal-on-metal;Metal-on-Metal Joint Prostheses;op -erative;"operative surgical procedures;"orthopaedic implant infection;orthopaedics;orthopedic;orthopedics;peri implant infection;peri prosthetic joint infection;perip -rosthetic; periprosthetic hip infection;periprosthetic infection;peri-prosthetic infect -ion;periprosthetic infections;periprosthetic joint infection;Peri-prosthetic joint infe -ction;periprosthetic joint infections;peri-prosthetic joint infections;periprosthetic k -nee infection;PJI;PJIs;postoperative;postoperative post-operative;PPI;primary knee infection;primary TKA infection;prosthe\*;prostheses;Prostheses and Implants;pro -sthesis;Prosthesis Implantation;Prosthesis Implantations;prosthesis infection;prosth -esis infections;Prosthesis Related Infections;prosthesis-related;Prosthesis-related i nfection;prosthesis-related infection\*;prosthesis- related infections;prosthetic;Prosthe -tic hip infection;prosthetic infection;prosthetic joint infection;prosthetic joint inf -ections;replac\*;Replaced hip;replacement;Replacement Arthroplasties;Replacement Arthroplasty;replacements;resection arthroplasty;reverse total shoulder arthroplast -y;revision;revision arthroplasty;revision TKA infection;revision total hip arthrol -asty;revision total hip replacement;RTSA;sepsi\*;Sepsis;sepsis in revision total jo -int arthroplasty;septi\*;Septic;septic loosening;septically;Shoulder;shoulder arthropl -asty;shoulder replacement;specific joint-associated procedures;SSI;surgery;surgical infection;surgical procedures operative;surgical site infection;Surgical Wound D -ehiscence;Surgical Wound Infection;THA;THR;Tibia;tibia\*;TJA;TKA;TKR;total hi -p;Total hip arthroplasty;total hip prosthesis;total hip replacement;total hip replac -ement;total joint;Total Joint Arthroplasty;total joint replacement;Total joint repla -cements;total knee arthroplasty;Total Knee Prosthesis;total knee replacement;tota -l shoulder arthroplasty;traumatology;TSA;wound;Wound Infection

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**Diagnose (179)**

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111in;16S amplicon targeted sequencing;18F;18FDG;2deoxyglucose;2-fluoro-2-deoxy-D-glucose;99m;99mtc;99mTc-HDP;99mTc-hydroxymethane diphosphonate;99m Tc-MDP;99mTc-methylene diphosphonate;a-defensin;alfa-defensin;alpha defensin;a -lpha Defensins;alpha-defensin;Alpha-Defensins;antigranulocyte scintigraphy;anti-g ranulocyte scintigraphy;antimicrobial peptide;Antimicrobial Peptides;arthrograph\*; aspirate;aspiration;beta-Defensins;biomarker\*;blood culture bottles;blood culture system;blood culture vials;bone;BW 250/183;chemical shift;compute\*;C-reactive;C -Reactive Protein;CRP;CT;CTs;defensin;Defensins;Deoxyglucose;deoxy-glucose;dia -gnose;diagnosing;diagnosis;diagnosis of prosthetic joint infection;diagnostic;diagn -ostic test;echograph\*;echotomograph\*;electron beam;Emission-Computed;F-18DG; Fab;FDG;fine needle aspiration;fluid;fluorin\*;fluoro;Fluorodeoxyglucose;Fluorodeo -xyglucose F18;fluoroscop\*;fMRI\*;frozen section analysis;frozen section biopsy; Gamma Camera Imag\*;genetic diagnosis;genomics;gram;histological evaluation;hi -stology;histopathology;IL-6;imag\*;image;image subtraction\*;images;imaging;in-11 1;indium;inflammatory;inflammatory markers;interleukin;interleukin-6;intra- articul ar;intra operative frozen section;intraoperative;joint aspiration;lateral flow test;L- E;leucocyte;leukocyte esteras;leukocyte esterase;leukocyte scintigraphy;Leukoscan; -magnetic resonance;Magnetic Resonance Imaging;Magnetic Resonance Spectrosc -opy;Magnetisation\*;Magnetization\*;marker\*;metagenomic sequencing;monoclonal antibodies;monoclonal antibody;MR imag\*;MRI\*;Neutrophil;Neutrophil Antimicr -obial;neutrophil antimicrobial peptide;Neutrophil Antimicrobial Peptides;next gen -eration sequencing;NGS;NMR\*;pathology of joint tissues;PCR;PCT;peptide neut -rophil antimicrobial;Peptides;periprosthetic tissue;PET;PMN;polymerase chain rea -ction;polymorphonuclear;positron emission tomography;positron-emission tomogr aphy;presence of polymorphonuclear leukocytes;procalcitonin;protein;radiograph\*; Radiography;radioisotop\*;radionuclid\*;radionuclide imaging;Radiopharmaceuticals;r -oentgen\*;rontgen\*;scan;scintigraph\*;scintigraphy;scintiphograph\*;scintiscan\*;sens -itivity;septic;septically;serum;shotgun metagenomics;sonicate;sonicate fluid;sonicat -ion;sonication fluid;sonograph\*;specificity;stain;sulesomab;synovasure;synovial;syn -ovial fluid;synovial fluid count;test;three-phase;tissue;Tomodensitometr\*;tomograp -h\*;Tomography;triple-phase;ulraso\*;ultrasonicate;ultrasonography;ultrasound;WBC -scintigraphy;white cell:white cell count;x-radiograph\*;X-Ray Computed;x ray\*;x -ray\*;zeugmatograph\*;Zonograph\*

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## Outcome (60)

1-stage;2 stage;2-stage;antibiotic bone cement spacer;arthrodes;ARTHRODESIS;ar -ticulating spacer;bone cement;bone cements;cemented;cementless;culture;Culture negative;debridement;delayed reimplantation;direct exchange;direct-exchange;excha -nge;Exchange arthroplasty;external;fixation;Fixator;Fusion;hybrid;Ilizarov;implant retention;Nail;nail\*;negative pressure;one- and two stage revision surgeries;one st age;one-stage;one-stage revision;prosthesis exchange;reimplant\$;reimplantation;RE OPERATION;Replantation;reverse hybrid;revis\$;revision;revision arthroplasty;rotat -or cuff;simultaneous;single stage;single-stage;spacer;Spacers;stage reimplantation; staged;staged reimplantation;staged revision;static Spacer;treatment outcome;two s tage;two-stage;two-stage revision;uncemented;unilateral;wound

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**Prevention (82)**

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antibiotic cement;1 stage knee revision;2 stage knee revision;Air conditioning;Alcohols; cement;anti infective;anti infective agents;antibacterial agent;antibacterial agents;Anti-Bacterial Agents;antibacterial\*;antibiotic bone cement;antibiotic impregnated;antibiotic prophylactic;antibiotic prophylaxis;antibiotic\*;antibiotic-impregnated bone cement;antibiotic-impregnated cement;Antibiotic-laden Cement;antibiotic loaded bone cement;antibiotic-loaded bone cement;Antibiotic-loaded Cement;a-ntiinfective agent;Anti-Infective Agents;antimicrobial;antimicrobial\*;antimycobacterial agent;antimycobacterial agents;antiseptic\*;Aztreonam;bone cement;bone cements;cefazolin;cefepime;cefuroxime;cement;cephalosporins;chloraprep;chlorhexidine;chlorhexidine-alcohol;chlorhexidineisopropyl;Ciprofloxacin;control;Controlled;conventional operating room;conventional operating theatre;decolonization;Environment;gentamicin;infection control;infection prevent\*;infused bone cement;intravenous antibiotics;Iodophors;laden;laminar air flow;laminar air flow system;laminar airflow;levaquin;linezolid;nasal decolonization;Ofloxacin;operating rooms;Operating theatre;Oxazolidinones;Povidone-Iodine;prevention;prevention and control;procedures;randomized controlled trial;surgical;surgical antimicrobial prophylaxis orthopedic;systemic antibiotics;tobramycin;Trimethoprim-Sulfamethoxazole Combination;Turbulent air flow;ultra clean air;ultra-clean air;ultra-clean air system;Vancomycin;ventilation

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**Risk factor (74)**

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2 staged;2-stage;acquired immune deficiency syndrome;AIDS;albumin;anesthesia;Articulating surface;ASB;asymptomatic bacteriuria;asymptomatic leukocyturia;bacteriuria;Bearing couples;Bearing surface;BMI;body mass index;Ceramic;China;cigar;cigarette;cigarettes;cigars;Cobaltchrome;comorbidity;culture;determinant;Diabetes mellitus;exchange;factor;gene;general anesthesia;genetic;Glycemic control;HbA1c;Hemoglobin A1C;hemophilia;HIV;human immunodeficiency virus;hyperglycemia;hypoalbuminemia;inject;Injection;intra-articular;malnutrition;Metal-on-metal;microbiology;neuraxial anesthesia;Nicotine;nutritional status;obesity;organism;Polyethylene;polymorphism;predictor;reimplant;reimplantation;risk;risk factor;smoker;smokers;Smoking;SNP;steroid;tobacco;Tobacco Products;transfusion;two staged;two-stage;U-HMWPE;urinalysis;urinary analysis;urinary tract infection;urine analysis;urologic diseases;UTI

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