

List of Autoimmune Diseases Spirits for MD

inappropriate immune response against body, immune system mistakes part of body as pathogen and attacks its own cells, Malformation of T-cells, autoimmune thyroiditis, attacks particular tissue in different places,

immunosuppression, medication which decreases immune response, Autoimmunity, Autoimmune self attack, self destruction, civil war in body, body out of order, Goodpasture's disease, affect basement membrane in lung & kidney,

Witebsky's postulates, Direct evidence from transfer of pathogenic antibody or pathogenic T cells, Indirect evidence based on reproduction of autoimmune disease, Circumstantial evidence, type of hypersensitivity,

Autoantibody, Acute disseminated encephalomyelitis, flu followed by seizures and coma, inflammation of brain, encephalitis, Addison's disease, interferon omega, transglutaminase, aromatic acid carboxylase, hydroxylase, Agammaglobulinemia, Alopecia areata, attacks hair follicles, loss of hair on scalp, face, and body, T-cells malformation, Alzheimers, memory disorder, Amyotrophic Lateral Sclerosis, Ankylosing Spondylitis, Antiphospholipid syndrome, anti-cardiolipin, anti pyruvate dehydrogenase, glycoprotein, aneurysms, steroids to fix aneurysms, antiphospholipid Syndrome, Infertility, recurrent abortions, recurrent miscarriages, stroke, thrombosis, phosphatidylserine, anti apo H, Annexin, Antisynthetase syndrome, Atopic allergy, Atopic dermatitis, aplastic anemia, cardiomyopathy, enteropathy, hemolytic anemia, complement activation, hepatitis, cell-mediated, anti-mitochondrial antibodies, anti-smooth muscle antibodies, soluble liver antigen, inner ear disease, lymphoproliferative syndrome, defective Fas-C D95 apoptosis, peripheral neuropathy, pancreatitis, anti-lactoferrin antibodies, anti-carbonic anhydrase antibodies, rheumatoid factor, polyendocrine syndrome, Addison's disease, progesterone dermatitis, thrombocytopenic purpura, urticaria, uveitis,

Balo disease, Balo concentric sclerosis, Behcet's disease, sores in mouth, sores in genitals, inflammation in eye joints, digestive tract inflammation, brain inflammation, spinal cord inflammation, immune-mediated systemic

vasculitis, ulcers, Morbus Adamandiates-Behcet, Berger's disease, mesangial deposits on kidney biopsy, Bickerstaff's encephalitis, Blau syndrome, overlaps sarcoidosis and granuloma annulare, Bullous pemphigoid, autoantibodies targeting collagen component of hemidesmosomes, Buerger's disease,

Cancer, tumors, malformation of cells, out of order, Castleman's disease, Over expression of IL-6, Celiac disease, allergy to gluten, wheat allergy, oat allergy, barley allergy, rye allergy, infection in intestines, bloating, Anti-tissue transglutaminase antibodies, anti-endomysial IgA, anti-gliadin IgA, Chagas disease, Chronic inflammatory demyelinating polyneuropathy, Anti-ganglioside antibodies, Chronic recurrent multifocal osteomyelitis, Chronic obstructive pulmonary disease, Churg-Strauss syndrome, Cicatricial pemphigoid, Cogan syndrome, Cold agglutinin disease, idiopathic or secondary to leukemia or infection, Complement component 2 deficiency, Contact dermatitis, contact allergies, poison ivy, poison oak, poison sumack, poison parsnip, wild parsnip, rash, blisters, Anti-centromere antibodies, Anti-nuclear antibodies, Cushing's Syndrome, cortisol binding globulin, Cutaneous leukocytoclastic angiitis, neutrophils,

Dego's disease, Vasculopathy, Dercum's disease, Lipoid tissue, Dermatitis herpetiformis, anti-epidermal transglutaminase antibodies, Dermatomyositis red rashes around the knuckles, eyes, with inflammation of muscles, histidine- t R N A, anti-signal recognition peptide, B- and T-cell perivascular inflammatory infiltrate on muscle biopsy, Devic's disease, Diabetes mellitus type 1, destroys insulin-producing cells of pancreas, Diabetes in children and young adults, Diabetic after sickness with high fever, Glutamic acid decarboxylase antibodies, islet cell antibodies, insulinoma-associated autoantibodies, anti-insulin antibodies, Diffuse cutaneous systemic sclerosis, anti-nuclear antibodies, anti-centromere, anti-topoisomerase antibodies, Dressler's syndrome, myocardial neo-antigens, Drug-induced lupus, anti-histone, Discoid lupus erythematosus,

Eczema, rash, flaking of skin, filaggrin, Brain-derived neurotrophic factor and Substance P, Endometriosis, Enthesitis-related arthritis, Eosinophilic fasciitis, Eosinophilic gastroenteritis, eotaxin, Epidermolysis bullosa acquisita, Erythema nodosum, Erythroblastosis fetalis, Kell antibodies, mother's immune system attacks fetus, Essential mixed cryoglobulinemia, Evan's syndrome, Fibrodysplasia ossificans progressiva, Lymphocytes express increased,

Fibrosing alveolitis, Idiopathic pulmonary fibrosis,

Gastritis, inflamed intestines, serum antiparietal and anti-IF antibodies, Gastrointestinal pemphigoid, Giant cell arteritis, macrophage giant cells, Glomerulonephritis, Membranous glomerulonephritis, Membranoproliferative, mesangiocapillary Complement activation, Wegener's granulomatosis, Goodpasture's syndrome, affecting the Lungs and Kidneys, Anti-Basement Membrane Collagen Type 4 Protein, Graves' disease, thyroid gland overproduces thyroid hormone, nervousness, heat intolerance, heart palpitations, and unexplained weight loss, thyroid autoantibodies activate T S H-receptor, Guillain-Barré syndrome, attacks part of the peripheral nervous system, numb weak limbs, possible paralysis, Anti-ganglioside,

Hashimoto's encephalopathy, alpha-enolase, Hashimoto's thyroiditis, antibodies against thyroid peroxidase and/or thyroglobulin, Henoch-Schonlein purpura, immunoglobulin A, complement component 3, Herpes gestationis, Gestational Pemphigoid, misdirected antibodies intended to protect the placenta, Hidradenitis suppurativa, Hughes-Stovin syndrome, Hypogammaglobulinemia,

Idiopathic inflammatory demyelinating diseases variant of multiple sclerosis, Idiopathic pulmonary fibrosis, Idiopathic thrombocytopenic purpura, Autoimmune thrombocytopenic purpura glycoproteins, immunoglobulin G, nephropathy, I g A produced from marrow rather than MALT, Inclusion body myositis, polymyositis, steroid therapy-activated T8 cells, Chronic inflammatory demyelinating polyneuropathy, anti-ganglioside antibodies, Interstitial cystitis, Mast cells, inconsistent A N A Rheumatoid factor,

Lambert-Eaton myasthenic syndrome, voltage-gated calcium channels, Q-type calcium channel, synaptogagmin, muscarinic acetylcholine receptor, Leukocytoclastic vasculitis, Lichen planus, Lichen sclerosus, Linear I g A disease, Lou Gehrig's disease, slow paralysis, Amyotrophic lateral sclerosis, Lupoid hepatitis, Autoimmune hepatitis, antibodies against soluble liver antigen, no autoantibodies detected, Lupus erythematosus, Anti-nuclear antibodies, anti-Ro,

Majeed syndrome, Meniere's disease, major peripheral myelin protein, Microscopic polyangiitis, myeloperoxidase, binds to neutrophils causing them to degranulate, damages endothelium, Miller-Fisher syndrome, Mixed

connective tissue disease, anti-nuclear antibody, Morphea, Mucha-Habermann disease, Pityriasis lichenoides et varioliformis acuta, malformed T-cells, Multiple sclerosis, attacks protective coating called myelin around nerves, damage affects brain and/or spinal cord, interferes with nerve pathways, causing muscular weakness, loss of coordination, visual and speech problems, Anti-Myelin Basic Protein, Myasthenia gravis, attacks nerves and muscles in neck, causing weakness, problems with seeing, chewing, and/or talking, nicotinic acetylcholine receptor MuSK protein, Myositis, Dermatomyositis, Polymyositis, Inclusion-body-myositis,

Narcolepsy, hypocretin, orexin, Neuromyelitis optica, I g G aquaporin 4, Neuromyotonia, voltage-gated potassium channels, Occular cicatricial pemphigoid, C3 deposition, Opsoclonus myoclonus syndrome, Lymphocyte recruitment, Ord's thyroiditis,

Palindromic rheumatism, anti-cyclic citrullinated peptide antibodies, antikeratin antibodies, PANDAS or autism, pediatric autoimmune neuropsychiatric disorders associated with streptococcus, antibodies against streptococcal infection serve as auto-antibodies, Paraneoplastic cerebellar degeneration, anti-Yo, anti-c d r-2 in purkinje fibers, anti-Hu, anti-Tr, antiglutamate receptor, Paroxysmal nocturnal hemoglobinuria, complement attacks R B Cs, Parry Romberg syndrome, Parsonage-Turner syndrome, Pars planitis, Pemphigus vulgaris, Anti-Desmoglein 3, Pernicious anaemia, deficiency of oxygen-carrying red blood cells with autoimmune diseases of thyroid gland, anti-parietal cell antibody, Perivenous encephalomyelitis, POEMS syndrome, interleukins, T N F A, vascular endothelial growth factor, Polymyalgia rheumatica, Anti-Mitochondrial, Primary sclerosing cholangitis, overlap with primary biliary cirrhosis, Progressive inflammatory neuropathy, Psoriatic arthritis, Pyoderma gangrenosum, Pure red cell aplasia,

Rasmussen's encephalitis, anti-N R2A antibodies, Raynaud phenomenon, Relapsing polychondritis, Reiter's syndrome, Restless leg syndrome, derangements of iron metabolism, Retroperitoneal fibrosis, Rheumatoid arthritis, immune system attacks linings of joints, joint pain, stiffness, swelling, and destruction, Rheumatoid factor, Vimentin, depleted B cells, Rheumatic fever, from streptococcus (strep) infection, painful, inflamed joints & permanent damage to heart valves, streptococcal M protein cross reacts with human myosin, anti-D N ase B,

Sarcoidosis, Schizophrenia, Schmidt syndrome, anti-hydroxylases, Schnitzler syndrome, Scleritis, Scleroderma, abnormal growth of connective tissue in skin and blood vessels, Affects all organs, looks very thin, Anti-topoisomerase, dysregulated apoptosis, Serum Sickness, Sjögren's syndrome, targets the body's moisture-producing glands, dryness of eyes, mouth, and other body tissues, Spondyloarthropathy, Still's disease, Stiff person syndrome, glutamic acid decarboxylase, glycine receptor, Subacute bacterial endocarditis, essential mixed cryoglobulinemia, Susac's syndrome, Sympathetic ophthalmia, ocular antigens following trauma, Systemic lupus erythematosus, can affect joints, skin, kidneys, heart, lungs, blood vessels, and brain,

Takayasu's arteritis, Temporal arteritis, giant cell arteritis, Thrombocytopenic Purpura, Thrombocytopenia, glycoproteins, anti-cardiolipin antibodies, Thyroiditis, inflammation of thyroid gland, underactive gland, fatigue, weakness, weight gain, cold intolerance, and muscle aches, Antiphospholipid syndrome, multiple mechanisms, Tolosa-Hunt syndrome, Transverse myelitis, Transverse Myelitis, rare neurological disorder, neuroimmunologic diseases of the central nervous system,

Ulcerative colitis, idiopathic inflammatory bowel disease, ulcers in the large intestine, abdominal pain and diarrhea, Undifferentiated connective tissue disease different from Mixed connective tissue disease, anti-nuclear antibody, Undifferentiated spondyloarthropathy, Urticarial vasculitis, anti C1q antibodies, type I hypersensitivity, Uveitis, inflammation of inner eye & Iris, with rheumatic diseases, Vasculitis, Vitiligo, destroys pigment-making cells or melanocytes, white patches of skin, Wegener's granulomatosis, damages blood vessels, resulting in disease in the lungs, upper respiratory tract, and kidneys, Wilson's Disease, Liver disease with slow movements, tremor,

Anti-neutrophil cytoplasmic, aberrant reactions of the human adaptive or innate immune systems, immune system is activated against the body's own proteins, overreaction of the immune system, and its subsequent downstream signaling, often chronic, debilitating, and life-threatening, Hemolytic Anemia Causes of Hemolytic anemia, Inner Ear Disease, hearing loss, vertigo, Lymphoproliferative Syndrome, autism, autism caused by bad reactions from immune shots, Autistic disorder, Childhood psychiatric disorders, hemolytic anemia, immune system proteins attack the red blood cells, fewer of these

oxygen-transporting cells, hepatitis, attacks liver cells, cirrhosis of liver, liver failure, Oophoritis, Premature Ovarian Failure, infertility, Bullous Pemphigoid, Skin lesions, Cardiomyopathy, treatment for end stage cardiac failure, Chronic Fatigue Syndrome, feel tired all the time, Epilepsy, sudden seizures, pass out, forget, get angry or have uncontrolled movements of the body, Kawasaki's Disease, affecting the skin and heart in children, Glomerulonephritis, Inflammation of the kidney's tiny filtering units, can lead to kidney failure, Inflammatory bowel disease, ulcerative colitis, Lupus nephritis, Damaging inflammation of the kidneys, kidney failure, Myocarditis, Inflamed and degenerating muscle tissue of heart, chest pain and shortness of breath, congestive heart failure,

Parkinson diseases, slowness and a flexed posture with tremors, Pemphigus/pemphigoid, skin itching and blisters, Polyarteritis nodosa, inflammation of arteries, problems in muscles, joints, intestines, nerves, kidney, and skin; Polymyositis, inflamed and tender muscles in shoulder and hip girdles, Primary biliary cirrhosis, destroys the bile ducts of liver, bile builds up in liver and damages liver tissue, Psoriasis, skin disease of scaling and inflammation, can get psoriatic arthritis, Sarcoidosis, granulomas small growths of blood vessels, cells, and connective tissue, can lead to problems in skin, lungs, eyes, joints, and muscles, Irritable bowel syndrome, Vitamin D deficiency, anemia, malabsorption of nutrients in bowels, Autoimmune Ear, Autoimmune Fiber, Autoimmune Muscle, Autonomic Small Fiber, Dermatomyositis, Myasthenia alternative, Myofacial pain, Myopathy, Fibromyalgia,

Achilles tendinitis, Achondroplasia, Acromegalic arthropathy, Adhesive capsulitis, frozen shoulder, damage to capsule membrane over joint muscles, Adult onset Still's disease, advanced arthritis, all chronic forms of arthritis, Alkaptonuria, Anemia and elevated ESR, Ankylosing spondylitis, inflammatory arthritis of the spine, Anserine bursitis, Arthroplasty, joint replacement surgery, artificial joint, Arthroscopy to remove damaged parts of Knee, Arthroscopic surgical intervention, arthritides, arthritisspondyloarthropathies, antinuclear factor, autoimmune diseases, autoimmune form of arthritis, Avascular necrosis,

bacterial arthritis, Behcet's syndrome, Bicipital tendinitis, Blount's disease, Bone erosions, Bouchard's nodes, hard bony enlargements on proximal

interphalangeal joints, Boutonniere deformity of hand, Brucellar spondylitis, Bursitis, bursa damaged, bursa inflamed, bursa swollen,

C-Reactive Protein, Calcaneal bursitis, Calcium pyrophosphate dihydrate, Crystal deposition disease, Caplan's syndrome, Carpal tunnel syndrome, carpometacarpel joint, changed calledeburnation, Chondrocalcinosis, Chondromalacia patellae, Chronic synovitis, Chronic recurrent multifocal osteomyelitis, Churg-Strauss syndrome, Cogan's syndrome, collagen vascular disorder, Congenital disorders of joints, Corticosteroid-induced osteoporosis, costochondritis, Costosternal syndrome, Cranial arteritis, CREST syndrome, Crohn's disease, idiopathic inflammatory bowel disease, inflammation of small intestine, inflammation of colon, diarrhea, cramps, excessive weight loss, Innate immunity, chronic inflammatory disorder, Crystal in joints, Cutaneous nodules, Cutaneous vasculitis lesions, Cryoglobulinemia,

degenerative arthritis, Degenerative joint disease, Dermatomyositis, developmental arthritis, Diabetes, Diabetic finger sclerosis, Diarrhea, Diffuse idiopathic skeletal hyperostosis, Discitis, Discoid lupus erythematosus, distal phalangeal joints, Drug-induced lupus, Duchenne's muscular dystrophy, Dupuytren's contracture,

E O A, Ehlers-Danlos syndrome, Enteropathic arthritis, Epicondylitis, eroding forms of arthritis, Erosive inflammatory osteoarthritis, erosive OA, Exercise-induced compartment syndrome, Extra-articular features of joint disease, extractable nuclear antigen, Fabry's disease, Familial Mediterranean fever, Farber's lipogranulomatosis, Felty's syndrome, Fifth's disease, Foreign body synovitis, fracture in a joint, Freiberg's disease, Fungal arthritis,

Gaucher's disease, Giant cell arteritis, Gonococcal arthritis, Goodpasture's syndrome, Gout, pseudo-gout, uric acid crystals cause cartilage to degenerate faster, sudden, severe attacks of pain, redness, warmth and swelling in joints or big toe, gouty arthritis, rhomboid crystals of calcium pyrophosphate, Granulomatous arteritis,

hard tissue enlargement, Heberden's nodes, hard bony enlargements on the distal interphalangeal joints, Hemarthrosis, Hemochromatosis, Henoch-Schonlein purpura, Hepatitis A B & C, Hepatitis B surface antigen disease, hereditary arthritis, Hip dysplasia, Hurler syndrome, Hyperimmunoglobulinemia D, Hypermobility syndrome, Hypersensitivity

vasculitis, Hypertrophic osteoarthropathy, Immune complex disease, Impingement syndrome, Infectious arthritis, inflammatory arthritis, Inflammatory bowel disease, Inflammatory diseases, inflammatory OA, Injury to joints, Injury to ligaments,

Jaccoud's arthropathy, Juvenile ankylosing spondylitis, Juvenile arthritis, joint swelling and pain, eye inflammation, activity limitations and growth problems, macrophage migration inhibitory factor, Juvenile dermatomyositis, Juvenile idiopathic arthritis, Juvenile rheumatoid arthritis, children with skin rash, fever, pain, disability, and limitations in daily activities,

Kawasaki disease, kidney malfunctions, Kennedy Disease, Kienbock's disease, Legg-Calve-Perthes disease, Lesch-Nyhan syndrome, Ligamentous deterioration, Ligamentous instability, Linear scleroderma, Lipoid dermatoarthritis, Knee arthritis, peripheral joint osteoarthritis, Rheumatoid arthritis of knee, Local osteosclerosis, Lofgren's syndrome, lung fibrosis, Lupus, Lupus erythematosus, chronic inflammatory disease, affects skin, joints, blood and kidneys, Lyme disease from Ticks, Bell's palsy, seventh nerve paralysis, Lymphadenopathy,

Malignant synovioma, Marfan's syndrome, mechanical arthritis, Medial plica syndrome, metabolic arthritis, metacarpophalangeal joint, Metastatic carcinomatous arthritis, Mixed connective tissue disease, Mixed cryoglobulinemia, monoclonal antibodies intravenously, Mucopolysaccharidosis, Multicentric reticulohistiocytosis, Multiple epiphyseal dysplasia, Mycoplasmal arthritis, Myofascial pain syndrome, Narrowed joint space, Neonatal lupus, Nephrolithiasis, Neuropathic arthropathy, Nodular panniculitis,

Ochronosis, Ocular inflammation, Oedema, Olecranon bursitis, Orogenital ulceration, orthodontic operations, Osgood-Schlatter's disease, osteoarthritis, Osteoarthritis of knee, cushion layer between bones or cartilage wears away, grating heard in knee joint movement, gradual deterioration of cartilage, bones rub together causing pain, Osteochondromatosis, Osteogenesis imperfecta, osteoimmunology, Osteomalacia, Osteomyelitis, Osteonecrosis, osteopenia of carpal joint, osteopetrosis, Osteophytes, Osteoporosis, Osteotomy to reshape the bones in the knee, Overlap syndrome,

Pachydermoperiostosis, Paget's disease of bone, Palindromic rheumatism,

Patellofemoral pain syndrome, Pellegrini-Stieda syndrome, periodontitis, Perthes' disease, Pigmented villonodular synovitis, Piriformis syndrome, Plantar fasciitis, Pes Planus or flat feet, Polyarteritis nodos, Polymyalgia rheumatica, Polymyositis, Popliteal cysts, Posterior tibial tendinitis, Pott's disease, Prepatellar bursitis, primary generalized nodal OA, Primary osteoarthritis, Prosthetic joint infectio, proximal interphalangeal, pseudo-arthritis, Pseudoxanthoma elasticum, Psoriasis, skin rash can become arthritis, Psoriatic arthritis, chronic inflammatory arthritis associated with skin condition psoriasis, Punched out bone erosions,

Raynaud's phenomenon, Reactive arthritis, Reiter's syndrome, Reflex sympathetic dystrophy syndrome, refractory chronic gout, Relapsing polychondritis, Remicade, Retrocalcaneal bursitis, rheumatic disease, Rheumatic fever, rheumatic disease, inflamed joints in spine and sacroiliac - joints that connect spine and pelvis, inflamed eyes, inflamed heart valves, Rheumatoid arthritis disorder, systemic autoimmune disease, inflammation of the membrane lining the joint, causing stiffness, warmth, redness and swelling, rheumatoid factor, Rheumatoid vasculitis, Rheumatology, Rotator cuff tendinitis, rotator cuff muscle damage,

Sacroiliitis, Salmonella osteomyelitis, Sarcoidosis, Saturnine gout, Scheuermann's osteochondritis, Scleroderma, Secondary OA, Septic arthritis, Seronegative arthritis, severe arthritis, Shigella arthritis, Shoulder-hand syndrome, Sickle cell arthropathy, Sjogren's syndrome, skin rash, Slipped capital femoral epiphysis, specific antibodies, Spinal stenosis, Spondylolysis, Staphylococcus arthritis, Stickler syndrome, Still's disease, Subacute cutaneous lupus, Subchondral cyst formation, subchondral sclerosis, sub-sets of primary OA, swan neck, Sweet's syndrome, Sydenham's chorea, Syphilitic arthritis, Systemic lupus erythematosus,

T N F receptor associated periodic syndrome, Takayasu's arteritis, Tarsal tunnel syndrome, Temporal arteritis, involves giant cells, Tennis elbow, Tenosynovitis, tendon sheath effusions, Tendonitis, tendon inflamed, frayed tendon, torn tendon, Tietse's syndrome, Tophi, Transient osteoporosis, Traumatic arthritis, Trochanteric bursitis, Tuberculosis arthritis,

Arthritis of Ulcerative colitis, Ulcerative Colitis, Ulnar deviation, undifferentiated arthritis, Undifferentiated connective tissue syndrome,

Urethritis, Urticarial vasculitis, vasculitis syndromes, Viral arthritis, Wegener's granulomatosis, Whipple's disease, Wilson's disease, Yersinia arthritis,

Unforgiveness & roots of Unforgiveness, bitterness & roots of bitterness, resentment, retaliation, revenge,

Absenteeism, accident, affected joints appear larger, affect congruence of articular cartilage surfaces, affect molecular communication among blood cells and structural pathologies in body, affects weight-bearing joints like back, spine, and pelvis; age related, aggravating factors, aggressive treatment,

become home bound, begins in cartilage, body's immune system attacks body tissues, bone changes, bone damage, Bone deformities, bone formed around joint, bone spur formation, breakdown products from cartilage released into synovial space, burning sensation in muscles and tendons,

cancer, cartilage Damaged, cartilage erosion, cartilage less resilient, cartilage repair osteophyte, cartilage ulceration, cause 2 opposing bones to erode into each other, cells lining joint try to remove spurs, chronic degenerative disorder related to aging, chronic disability, chronic diseases, civil war inside body, constant ache around joint, constant pain, continuous joint pains, contractions in tendons, crackling noise in joint, crepitus, crippling,

daily wear and tear of joint, damage to joint lining, damage to cartilage, debilitating pain, Decreased aerobic fitness, decreased movement, deformity in knee, degenerative joint disease, degradation of joints, degradation of collagen fibers of cartilage, degradation of articular cartilage, degradation of subchondral bone, depression, destroys small joints in hands, devastating impact, difficult to be physically active, Difficulty moving joint, Disability, Disability-adjusted life, distal interphalangeal joints,

E O A inflammatory form of O A, elderly move less, early morning stiffness, erosion of two opposing bones, exacerbated degeneration, excess fluid in or around knee joint, Extra-articular features, extreme photosensitivity, falls by elderly, fatigue, fears of worsening symptoms, Fever, fingers deformed, flat feet to knee arthritis, fluid in joints, bursitis, frequent visits to doctor, from

genetic factors, from injury, gelling with inactivity, locking with inactivity, genetics,

hair loss, hands red and puffy, heart disease, heredity, high cholesterol, hospitalization, houses important stem cells for maintenance of the immune system, Humid and cold weather increases pain, Hyaluronic acid in knee,

impaired proprioception, impaired balance, impaired strength, impairment of peripheral nerves, improper development of the immune system, Inability to use the hand or walk, increased subchondral bone density, infant not use affected limb, inflammation from overactive immune system, Inflammation of surrounding joint capsule, inflammation painful and debilitating, irreversible damage, isolation,

joint deformity, joint disease damage, joint disorder, joint effusion, joint infection, joint injections of hyaluronic acid, joint inflammation, joint injury, joint movement limited, joint pain, joint tenderness, joint locking, Joint replacement surgery, joint resurfacing surgery, joint space narrowing, joint stiffness, joint sore, joint stress, joints swollen and lose function, joint trauma,

knee pain, knee tenderness, loss of flexibility, Lifestyle modification, ligaments more lax, limited range of movement, loss of cartilage, Loss of flexibility, loss of hand function, Loss of mobility, loss of strength in muscles supporting joints, lost earnings,

Malaise, mechanical injury, mechanical stress on joints, medical expenses, misalignments of bones by congenital or pathogenic causes, muscle atrophy, muscle strains, muscle weakness, Muscle inflammation, aches and pains, muscle spasm, muscle cramping,

New bone outgrowths on margins of joints, no cure, no protective proteoglycans, not physically active, nuisance aches and pains, obesity, affects fingers, hands, wrists, shoulders, and elbow joints, knees, feet, ankles, & Great toe, organs affected, orthopedic bracing,

Osteoarthritis pain worse after exercise, osteophytes, osteophyte narrowing of the joint space, out of order spirits, outpatient visits to health care centers, pain causing loss of ability & stiffness, pain continuous and at night, pain debilitating can prevent doing activities, pattern of joint involvement,

permanent joint damage, permanent disability, polished ivory-look on bones of joints, poor joint health, poor muscle strength, endurance and flexibility, Poor sleep, prior joint trauma, Radiologic changes, reduced productivity, reduced proteoglycan content, regional muscle atrophy,

Rheumatoid arthritis pain, worse pain in A M with stiffness, sedentary lifestyle, severe deformity fast, severe painful and destructive form, sharp aching pain, spurs, stiffness when standing or walking, sudden onset of chills, fever and joint pain, sudden or uncoordinated movements overstress joints, surgery, symmetrical, symmetry of symptoms, systemic symptoms, tai chi classes, tampers with lining of joints, Tenderness, tendon inflammation, tiredness, toes with bunions, & red or swollen, uncured, vulnerability to heart disease, water on the knee, wear and tear of cartilage, Weight-bearing joints, knees, hips, & vertebral column, Weight loss, bone surfaces less protected by cartilage, bone exposed and damaged, with age the water content of the cartilage decreases, worse over time, worse with excessive or prolonged use,

100+ different types of arthritis and related conditions, RANKL-RANK-OPG, osteoprotegerin axis, signaling system in both bone and immune cell communication, osteoblasts and activated T cells, osteoclasts and dendritic cells, myeloid progenitor cells, Surface RANKL, secreted RANKL, signals precursors to differentiate into osteoclasts, RANKL on activated T cells, leads to DC activation, binding to RANK expressed on DCs, OPG, by DCs, is a soluble decoy receptor for RANKL, inhibits RANKL binding to RANK, cytokines by immune cells effect on regulating bone homeostasis, M-CSF, TNF α , ILs, and IFNs, affect differentiation and activity of osteoclasts and bone resorption, chronic inflammation, balance of bone modeling and remodeling affected, painful and/or visible disorders in bone metabolism,

Medications & side effects, addictive pain meds, Pain meds & side effects, Anti-rheumatic Meds, azathioprine, gold based meds, auranofin, glucosamine sulfate, glucosamine hydrochloride, sodium aurothiomalate, penicillamine, Chloroquine, immunosuppressants, anti inflammatory meds, allopurinol, chlorambucil, methotrexate, non-steroidal anti-inflammatory drugs, N S A I Ds, diclofenac, diflunisal, fenoprofen, flurbiprofen, ibuprofen, indomethacin, ketoprofen, mefenamic acid, morphine, naproxen, phenylbutazone, piroxicam, sulindac, tiaprofenic acid, tolmetin, anti-inflammatory meds, asidamenophen, A

S A, stomach irritation, stomach bleeding, Stomach ulcers, gastrointestinal bleeding, codeine, local acting cortisteroids, hydrocortisone, methylprednisolone, prednisone, triamcinolone, addictions to meds, addictive pain meds, Mind altering pain meds, injection with pain medicine, hydrocortisone, naproxen, opioid analgesic, Oral steroids, corticosteroids & side effects, Cotrizone shots into joint, Injection of glucocorticoids, cortisteroid injections, weaken tendons, tendons more fragile, steroid flare, cortisteroid creams, bone disorder meds, uricosuric meds, colchicine, allopurinol, probenecid, sulfinpyrazone, antibiotics,

prescription meds, probenecid, S-Adenosyl methionine, febuxostat, fentanyl, oxyconton, paracetamol, signifigant harm, systemic side-effects, Topical capsaicin, Topical creams and patches, ungodly pain management,

Alternative medicine, alternative treatments, Acupuncture, analgesics, celecoxib, chondroitin sulfate and glucosamine, COX-2 selective inhibitors, diclofenac, electrostimulation techniques, expensive meds, frequent adverse events, Mind altering, Hallucinations, hypnosis, self hypnosis, adverse effects, mind control, mind over pain, occult mind control,

In the Name and Blood of the Lord Jesus Christ, I bind up each and every demon left, I individually chain, cage, bag and box them. I put them in caves with rocks over the caves with the Light of the Lord shining bright and the angels of the Lord reading Scriptures and praise the Lord continually. I cover us all with the Blood of Jesus. I call upon God's Holy Spirit to fill everybody full to overflowing and to keep chasing out the demons and to restore God's people. In Jesus' Name, I loose legions of the spirits of the Lord, life, health, healing, restoration, wellbeing, sound mind, and a good night's sleep.

We thank You Lord Jesus for everything You have done. We give You all the glory and honour, and blessings and praise. In Jesus' Mighty Name and by His Blood. Amen.

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