

OR (((((((("Anti-Citrullinated Protein Antibodies"[Mesh]) OR "Antibodies, Antineutrophil Cytoplasmic"[Mesh]) OR "Antibodies, Antinuclear"[Mesh]) OR "Antibodies, Antiphospholipid"[Mesh]) OR "Rheumatoid Factor"[Mesh]) OR "Antibodies"[Mesh]) OR "Antirheumatic Agents"[Mesh]))) OR ((rheumatic disease*[tiab] OR rheumatic disease*[ot])) OR ((autoimmun*[tiab] OR autoimmun*[ot])) OR ((connective tissue disease*[tiab] OR connective tissue disease*[ot])) OR ((collagen disease*[tiab] OR collagen disease*[ot])) OR (((diffuse[tiab] OR limited[tiab] OR generalized[tiab] OR generalised[tiab] OR progressive[tiab])) OR (diffuse[ot] OR limited[ot] OR generalized[ot] OR generalised[ot] OR progressive[ot])) AND (((scleroderm*[tiab] OR scleroderm*[ot])) OR ((systemic scleroderm*[tiab] OR systemic scleroderm*[ot])) OR ((crest syndrome*[tiab] OR crest syndrome*[ot])) OR ((systemic sclero*[tiab] OR systemic sclero*[ot])) OR ((scleroderma[tiab] OR scleroderma[ot])) OR ((lupus[tiab] OR lupus[ot])) OR ((dermatomyositis[tiab] OR dermatomyositis[ot])) OR ((polymyositis[tiab] OR polymyositis[ot])) OR ((myositi*[tiab] OR myositi*[ot])) OR ((myopath*[tiab] OR myopath*[ot])) OR ((myalgi*[tiab] OR myalgi*[ot])) OR ((polyarthritis[tiab] OR polyarthritis[ot])) OR ((still's[tiab] OR still's[ot])) OR ((sjogren*[tiab] OR sjogren*[ot])) OR ((arthr*[tiab] OR arthr*[ot])) OR ((sarcoid*[tiab] OR sarcoid*[ot])) OR ((vasculiti*[tiab] OR vasculiti*[ot])) OR ((igg4[tiab] OR igg4[ot])) OR ((autoantibod*[tiab] OR autoantibod*[ot])) OR ((antibod*[tiab] OR antibod*[ot])) OR ((antirheumati*[tiab] OR antirheumati*[ot])) OR ((shoenfeld*[tiab] OR shoenfeld*[ot])) OR ((autoinflammat*[tiab] OR autoinflammat*[ot])) OR ((inflammat*[tiab] OR inflammat*[ot])) OR ((incompatib*[tiab] OR incompatib*[ot]))

EMBASE

- 1 prosthesis complication/
- 2 device removal/
- 3 silicone derivative/
- 4 silicone gel/
- 5 immunological adjuvant/
- 6 foreign body/
- 7 (leak* or rupture* or remove* or explant* or silicone* or adjuvant* or saline or foreign).kw,tw.
- 8 1 or 2 or 3 or 4 or 5 or 6 or 7

- 9 breast implant/
- 10 breast augmentation/
- 11 breast reconstruction/
- 12 (mamm?plast* or breast implant*).kw,tw.
- 13 9 or 10 or 11 or 12

- 14 rheumatic disease/
- 15 autoimmune disease/
- 16 autoimmunity/
- 17 connective tissue disease/
- 18 collagen disease/
- 19 mixed connective tissue disease/
- 20 systemic sclerosis/
- 21 diffuse scleroderma/
- 22 limited scleroderma/
- 23 syndrome CREST/
- 24 systemic lupus erythematosus/
- 25 lupus erythematosus nephritis/
- 26 brain vasculitis/
- 27 dermatomyositis/
- 28 polymyositis/
- 29 fasciitis/
- 30 muscle disease/
- 31 eosinophilia myalgia syndrome/
- 32 chronic fatigue syndrome/
- 33 fibromyalgia/
- 34 spasticity/
- 35 muscle weakness/
- 36 muscle atrophy/
- 37 musculoskeletal pain/
- 38 myalgia/
- 39 myofascial pain/
- 40 myositis/
- 41 rheumatic polymyalgia/
- 42 tendinitis/
- 43 rheumatoid arthritis/
- 44 Sjogren syndrome/
- 45 adult onset Still disease/
- 46 arthropathy/
- 47 arthralgia/
- 48 arthritis/

- 49 arthropathy/
- 50 synovitis/
- 51 spondyloarthropathy/
- 52 psoriatic arthritis/
- 53 reactive arthritis/
- 54 ankylosing spondylitis/
- 55 spondylarthritis/
- 56 peri-arthritis/
- 57 sacroiliitis/
- 58 sarcoidosis/
- 59 systemic vasculitis/
- 60 ANCA associated vasculitis/
- 61 polyarteritis nodosa/
- 62 rheumatoid vasculitis/
- 63 vasculitis/
- 64 Behcet disease/
- 65 Cogan syndrome/
- 66 anaphylactoid purpura/
- 67 immunoglobulin G4 related disease/
- 68 antiphospholipid syndrome/
- 69 phospholipid antibody/
- 70 cardiolipin antibody/
- 71 lupus anticoagulant/
- 72 autoantibody/
- 73 cyclic citrullinated peptide antibody/
- 74 neutrophil cytoplasmic antibody/
- 75 antinuclear antibody/
- 76 phospholipid antibody/
- 77 rheumatoid factor/
- 78 antibody/
- 79 antirheumatic agent/
- 80 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79
- 81 (rheumatic disease* or autoimmun* or connective tissue disease* or collagen disease* or ((diffuse or limited or general?ed or progressive) and scleroderm*) or systemic sclero* or crest syndrome* or scleroderm* or lupus or dermatomyositi* or polymyositi* or myositi* or myopath* or myalgi* or polyarthriti* or still's or sjogren* or arthr* or sarcoid* or vasculiti* or igg4 or autoantibod* or antibod* or antirheumati* or shoenfeld* or autoinflammat* or inflammat* or incompatib*).kw,tw.
- 82 80 or 81

83 **8 and 13 and 82**

EBM-Reviews

- 1 (leak* or rupture* or remove* or explant* or silicone* or adjuvant* or saline or foreign).kw,tw.
- 2 (mammoplast* or mammoplast* or breast implant*).kw,tw.
- 3 (rheumatic disease* or rheumato* or autoimmun* or connective tissue disease* or collagen disease* or ((diffuse or limited or general?ed or progressive) and scleroderm*) or systemic sclero* or crest syndrome* or scleroderm* or lupus or dermatomyositi* or polymyositi* or myositi* or myopath* or myalgi* or polyarthriti* or still's or sjogren* or arthr* or sarcoid* or vasculiti* or igg4 or autoantibod* or antibod* or antirheumati* or shoenfeld* or autoinflammat* or inflammat* or incompatib*).kw,tw.
- 4 **1 and 2 and 3**

CINAHL Complete

- | # | Question |
|-----|-----------------------------------------------------------------------------------------|
| S1 | (MH "Prosthesis Failure") |
| S2 | (MH "Rupture") |
| S3 | (MH "Device Removal") |
| S4 | (MH "Silicones") |
| S5 | (MH "Foreign Bodies") OR (MH "Foreign-Body Migration") |
| S6 | S1 OR S2 OR S3 OR S4 OR S5 |
| S7 | leak* OR rupture* OR remove* OR explant* OR silicone* OR adjuvant* OR saline OR foreign |
| S8 | S6 OR S7 |
| S9 | (MH "Breast Implants") |
| S10 | (MH "Breast Reconstruction") |

S11 S9 OR S10
 S12 mammoplast* OR mammoplast* OR breast implant*
 S13 S11 OR S12

 S14 (MH "Rheumatic Diseases")
 S15 (MH "Autoimmune Diseases")
 S16 (MH "Connective Tissue Diseases")
 S17 (MH "Collagen Diseases")
 S18 (MH "Scleroderma, Systemic") OR (MH "Scleroderma, Limited")
 S19 (MH "CREST Syndrome")
 S20 (MH "Lupus Erythematosus, Systemic")
 S21 (MH "Lupus Nephritis")
 S22 (MH "Vasculitis, Central Nervous System")
 S23 (MH "Dermatomyositis")
 S24 (MH "Polymyositis")
 S25 (MH "Fasciitis")
 S26 (MH "Muscular Diseases")
 S27 (MH "Eosinophilia-Myalgia Syndrome")
 S28 (MH "Fatigue Syndrome, Chronic")
 S29 (MH "Fibromyalgia")
 S30 (MH "Muscle Spasticity")
 S31 (MH "Muscle Weakness")
 S32 (MH "Muscular Disorders, Atrophic")
 S33 (MH "Muscle Pain")
 S34 (MH "Myofascial Pain Syndromes")
 S35 (MH "Myositis")
 S36 (MH "Polymyalgia Rheumatica")
 S37 (MH "Tendinopathy")
 S38 (MH "Arthritis, Rheumatoid")
 S39 (MH "Sjogren's Syndrome")
 S40 (MH "Still's Disease, Adult-Onset")
 S41 (MH "Joint Diseases")
 S42 (MH "Arthralgia")
 S43 (MH "Arthritis")
 S44 (MH "Synovitis")
 S45 (MH "Spondylarthropathies")
 S46 (MH "Arthritis, Psoriatic")
 S47 (MH "Reiter Disease")
 S48 (MH "Spondylitis, Ankylosing")
 S49 (MH "Spondylarthritis")
 S50 (MH "Periarthritis")
 S51 (MH "Sarcoidosis")
 S52 (MH "Antibodies, Antineutrophil Cytoplasmic")
 S53 (MH "Polyarteritis Nodosa")
 S54 (MH "Vasculitis")
 S55 (MH "Behcet's Syndrome")
 S56 (MH "Cogan Syndrome")
 S57 (MH "Purpura, Schoenlein-Henoch")
 S58 (MH "Immunoglobulin G4-Related Disease")
 S59 (MH "Antiphospholipid Syndrome")
 S60 (MH "Autoantibodies")
 S61 (MH "Anti-Citrullinated Protein Antibodies")
 S62 (MH "Antibodies, Antineutrophil Cytoplasmic")
 S63 (MH "Antibodies")
 S64 (MH "Antirheumatic Agents")
 S65 S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52 OR S53 OR S54 OR S55 OR S56 OR S57 OR S58 OR S59 OR S60 OR S61 OR S62 OR S63 OR S64
 S66 (rheumatic disease* OR autoimmun* OR connective tissue disease* OR collagen disease* OR ((diffuse OR limited OR generali?ed OR progressive) AND scleroderm*) OR systemic sclero* OR crest syndrome* OR scleroderm* OR lupus OR dermatomyositi* OR polymyositi* OR myositi* OR myopath* OR myalgi* OR polyarthriti* OR still's OR sjogren* OR arthr* OR sarcoid* OR vasculiti* OR igg4 OR autoantibod* OR antibod* OR antirheumati* OR shoenfeld* OR autoinflammat* OR inflammat* OR incompatib*)
 S67 S65 OR S66
 S68 **S8 AND S13 AND S67**

Sources of grey literature

- Aetna
- Canadian Agency for Drugs and Technologies in Health
- ClinicalTrials.gov
- Haute autorité de santé
- Irish Health Repository
- OpenGrey
- PROSPERO
- Santé Canada
- U.S. Food and Drug Administration
- WHO International Clinical Trials Registry Platform