

[PL] Earliest event of Psoriatic arthritis

Cohort Definition Id: 12397

Link to Editable Definition: <https://epi.jnj.com/atlas/#/cohortdefinition/12397>

Cohort Definition Description

source: 5972; hashTag: #ASSURE, #Indication, #ASSURE-Indication; submitter: Joel Swerdel logic: Earliest event of Psoriatic arthritis, indexed on the diagnosis of Psoriatic arthritis or diagnosis of Andropathy that co-occur with a diagnosis of Psoriasis within 60 days. Exit cohort at the end of continuous observation period.

Clinical Description

Overview: Psoriatic Arthritis (PsA) is a type of inflammatory autoimmune condition that can cause chronic pain in and around joints. If left untreated, PSA can lead to permanent joint damage and if untreated is disabling. Some patients with psoriasis develop psoriatic arthritis. Presentation: Psoriatic arthritis presents as painful, stiff, and swollen joints. Assessment: Symptoms of PsA include painful, stiff, and swollen joints, which may flare and subside. Joints may be swollen and tender, and fingernails may have be abnormal (e.g., pitting and flaking), in addition to tenderness of the soles of the feet. X-ray imaging may help to identify joint changes that are specific to PsA over other types of arthritis. Rheumatoid factor and joint fluid laboratory tests may help to rule out other types of conditions (rheumatoid arthritis and gout, respectively). Plan: There is no cure for PsA. Treatment may include steroid injections, disease modifying antirheumatic drugs (DMARDs), biologic treatments, and newer oral medications (apremilast). Joint replacement surgery may also be an intervention. Prognosis: PsA may be mild to severe, is chronic, and joint damage that has occurred does not improve. Early diagnosis and intervention with treatment is important to limit progression of joint damage. If untreated, PsA will progress to disabling joint disease.

Evaluation Summary

We developed a prevalent cohort definition for psoriatic arthritis (PsA) using a concept set of 3 concepts which incorporated all those found from the literature review and from the analysis of PHOEBE and orphan concepts in cohort diagnostics. The algorithm retrieves subjects from all 11 databases tested. We developed a more specific cohort requiring a second diagnosis code for PSA in the time period 31-365 days after index. This cohort improves the specificity of the algorithm albeit at the expense of sensitivity as determined by PheValuator. The significant loss in sensitivity, however, precludes its use in ASSURE. We also examined an algorithm where the specific codes for PsA were used. We found that this algorithm had similar PPV to the prevalent algorithm but significantly lower sensitivity. We determined that this algorithm did not have the performance characteristics necessary for ASSURE.

Human Readable Algorithm

Cohort Entry Events

People enter the cohort when observing any of the following:

1. condition occurrences of 'Psoriatic arthritis (exclude mutilans)'.
2. condition occurrences of 'Arthropathy'; having at least 1 condition occurrence of 'Psoriasis', starting between 60 days before and 60 days after 'Arthropathy' start date.

Limit cohort entry events to the earliest event per person.

Cohort Exit

The person exits the cohort at the end of continuous observation.

Cohort Eras

Remaining events will be combined into cohort eras if they are within 0 days of each other.

Concept Sets

Psoriatic arthritis (exclude mutilans)

Concept Set Logic

conceptId	conceptName	vocabularyId	includeDescendants	isExcluded	includeMapped
40319772	Psoriatic arthritis	SNOMED	TRUE	FALSE	FALSE
4025831	Arthritis mutilans	SNOMED	FALSE	TRUE	FALSE

Included Concepts

conceptId	conceptName	vocabularyId
1340448	Exacerbation of psoriatic arthritis	OMOP Extension
4132495	Iritis with psoriatic arthritis	SNOMED
4079733	Juvenile psoriatic arthritis	SNOMED
4079734	Juvenile psoriatic arthritis with psoriasis	SNOMED
37160379	Oligoarticular psoriatic arthritis	SNOMED
37160369	Polyarticular psoriatic arthritis	SNOMED
1340520	Progression of psoriatic arthritis	OMOP Extension
1076201	PsAPASH syndrome	SNOMED
40319772	Psoriatic arthritis	SNOMED
4083682	Psoriatic arthritis with distal interphalangeal joint involvement	SNOMED
4064048	Psoriatic arthritis with spine involvement	SNOMED
4035742	Psoriatic dactylitis	SNOMED

Psoriasis

Concept Set Logic

conceptId	conceptName	vocabularyId	includeDescendants	isExcluded	includeMapped
140168	Psoriasis	SNOMED	TRUE	FALSE	FALSE

Included Concepts

conceptId	conceptName	vocabularyId
4222163	Acrodermatitis continua of Hallopeau	SNOMED
4033202	Acropustulosis of infancy	SNOMED
4270746	Actively extending plaque psoriasis	SNOMED
45773387	Acute generalized exanthematous pustulosis	SNOMED
4299285	Acute generalized pustular flare of preexisting plaque psoriasis	SNOMED
4297497	Acute generalized pustular psoriasis de novo	SNOMED
4299281	Acute guttate psoriasis	SNOMED
4270745	Chronic guttate pattern psoriasis	SNOMED

conceptId	conceptName	vocabularyId
4292222	Chronic large plaque psoriasis	SNOMED
4270744	Chronic small plaque psoriasis	SNOMED
4299280	Chronic stable plaque psoriasis	SNOMED
4033785	Circinate and annular pustular psoriasis	SNOMED
37205061	Deficiency of interleukin 36 receptor antagonist	SNOMED
4292228	Drug-exacerbated psoriasis	SNOMED
37165229	Drug-induced palmoplantar pustular psoriasis	SNOMED
4292230	Early onset psoriasis type 1	SNOMED
4031648	Eczematized psoriasis	SNOMED
4307927	Erythrodermic psoriasis	SNOMED
1340447	Exacerbation of psoriasis	OMOP
		Extension
1245071	Exacerbation of psoriasis	SNOMED
4299287	Familial psoriasis	SNOMED
4297499	Familial psoriasis with affected first degree relative	SNOMED
4270752	Familial psoriasis without affected first degree relative	SNOMED
4031645	Flexural psoriasis	SNOMED
37165154	Follicular psoriasis	SNOMED
4292223	Generalized psoriasis	SNOMED
4031142	Generalized pustular psoriasis	SNOMED
4103079	Generalized pustular psoriasis, exanthematous type	SNOMED
4080941	Generalized pustular psoriasis of pregnancy	SNOMED
4270747	Guttate flare of psoriasis with preexisting plaques	SNOMED
4284492	Guttate psoriasis	SNOMED
4292225	Hypertrophic palmar psoriasis	SNOMED
4292226	Hypertrophic palmoplantar psoriasis	SNOMED
4031143	Infantile pustular psoriasis	SNOMED
4079734	Juvenile psoriatic arthritis with psoriasis	SNOMED
4033784	Juvenile pustular psoriasis	SNOMED
4031651	Köbner psoriasis	SNOMED
4033783	Lapierre type of psoriasis	SNOMED
4270751	Late onset psoriasis type 2	SNOMED
4217927	Localized pustular psoriasis	SNOMED
4270748	Non-pustular psoriasis of hands	SNOMED
4292227	Non-pustular psoriasis of hands and feet	SNOMED
4299286	Onset of psoriasis in adolescence (10-20 years)	SNOMED
4297498	Onset of psoriasis in childhood (1-10 years)	SNOMED
4270750	Onset of psoriasis in early adulthood (20-40 years)	SNOMED
4270749	Onset of psoriasis in infancy (<1 year)	SNOMED
4292224	Photoaggravated psoriasis	SNOMED
4063431	Plaque psoriasis	SNOMED
37165457	Plaque psoriasis with pustules	SNOMED
140168	Psoriasis	SNOMED
4066830	Psoriasis annularis	SNOMED
4063430	Psoriasis circinata	SNOMED
4066485	Psoriasis diffusa	SNOMED
605345	Psoriasis exacerbated by human immunodeficiency virus infection	SNOMED
4066486	Psoriasis geographica	SNOMED
4066487	Psoriasis gyrata	SNOMED
4066831	Psoriasis inveterata	SNOMED
36715780	Psoriasis of anogenital region	SNOMED
4297496	Psoriasis of face	SNOMED

conceptId	conceptName	vocabularyId
4031649	Psoriasis of nail	SNOMED
4299282	Psoriasis of penis	SNOMED
4299283	Psoriasis of perianal skin	SNOMED
4031141	Psoriasis of scalp	SNOMED
4299284	Psoriasis of scalp margin	SNOMED
4223485	Psoriasis of vulva	SNOMED
4063433	Psoriasis palmaris	SNOMED
4064049	Psoriasis plantaris	SNOMED
4066832	Psoriasis punctata	SNOMED
4066488	Psoriasis universalis	SNOMED
4307925	Psoriasis vulgaris	SNOMED
4031647	Psoriasis with eczema	SNOMED
4031140	Psoriatic nail dystrophy	SNOMED
4031650	Psoriatic nail pitting	SNOMED
4080939	Psoriatic onycholysis	SNOMED
4063434	Pustular psoriasis	SNOMED
37205057	Pustular psoriasis of palm of hand	SNOMED
4100184	Pustular psoriasis of palms and soles	SNOMED
37205056	Pustular psoriasis of sole of foot	SNOMED
4063432	Rupoid psoriasis	SNOMED
4093619	Seborrheic psoriasis	SNOMED
4031646	Unstable psoriasis	SNOMED
36714528	X-linked intellectual disability with seizure and psoriasis syndrome	SNOMED

Arthropathy

Concept Set Logic

conceptId	conceptName	vocabularyId	includeDescendants	isExcluded	includeMapped
80809	Rheumatoid arthritis	SNOMED	TRUE	FALSE	FALSE
81097	Felty's syndrome	SNOMED	TRUE	FALSE	FALSE
75897	Polyarthropathy	SNOMED	TRUE	FALSE	FALSE
79903	Effusion of joint	SNOMED	TRUE	FALSE	FALSE
4153359	Arthritis of spine	SNOMED	TRUE	FALSE	FALSE
437082	Ankylosing spondylitis	SNOMED	TRUE	FALSE	FALSE

Included Concepts

conceptId	conceptName	vocabularyId
4034672	Acute infective polyarthrititis	SNOMED
4117888	Acute joint effusion	SNOMED
4179092	Acute polyarthrititis	SNOMED
42535150	Acute polyarticular juvenile idiopathic arthritis	SNOMED
4289292	Adult osteochondritis of spine	SNOMED
80804	Allergic arthritis of multiple sites	SNOMED
4323203	Allergic arthritis of spine	SNOMED
4117713	Ankle joint effusion	SNOMED
437082	Ankylosing spondylitis	SNOMED
37203959	Ankylosing spondylitis co-occurrent with anterior uveitis	SNOMED
4035741	Ankylosing spondylitis with multisystem involvement	SNOMED

conceptId	conceptName	vocabularyId
4035614	Ankylosing spondylitis with organ / system involvement	SNOMED
37160399	Anti-citrullinated protein antibody positive erosive rheumatoid arthritis	SNOMED
762720	Arthritis due to alkaptonuria	SNOMED
37109064	Arthritis of facet joint of cervical spine	SNOMED
37109063	Arthritis of facet joint of lumbar spine	SNOMED
37309677	Arthritis of facet joint of thoracic spine	SNOMED
1076699	Arthritis of intervertebral joint due to and following immunization	SNOMED
37170948	Arthritis of joint of spine due to inflammatory bowel disease	SNOMED
1246675	Arthritis of joint structure of spine caused by Streptococcus	SNOMED
36714940	Arthritis of lumbosacral spine	SNOMED
4153359	Arthritis of spine	SNOMED
4033630	Arthritis of temporomandibular joint as part of polyarthritis	SNOMED
4176931	Arthropathy in Behcet's syndrome of the spine	SNOMED
4322887	Arthropathy of multiple joints associated with a neurological disorder	SNOMED
36716984	Arthropathy of spinal facet joint co-occurrent and due to effusion	SNOMED
4184046	Atelosteogenesis	SNOMED
37110773	Atelosteogenesis type 1	SNOMED
4111311	Atelosteogenesis type 2	SNOMED
37117239	Atelosteogenesis type 3	SNOMED
37163922	Autoimmune interstitial lung disease, arthritis syndrome	SNOMED
36716891	Axial spondyloarthritis	SNOMED
607398	Axial spondyloarthritis with peripheral joint involvement	SNOMED
46273196	Bacterial arthritis of atlantoaxial joint	SNOMED
46273622	Bacterial arthritis of facet joint of cervical spine	SNOMED
46273216	Bacterial arthritis of facet joint of lumbar spine	SNOMED
46273215	Bacterial arthritis of facet joint of thoracic spine	SNOMED
760722	Bacterial arthritis of vertebral column	SNOMED
607427	Bacterial spondyloarthritis	SNOMED
36687050	Bilateral effusion of ankle joints	SNOMED
36687052	Bilateral effusion of elbow joints	SNOMED
37169288	Bilateral effusion of joint of feet	SNOMED
37169290	Bilateral effusion of joint of hands	SNOMED
37169289	Bilateral effusion of joint of shoulder regions	SNOMED
36686955	Bilateral effusion of joints of knees	SNOMED
1245849	Bilateral intermittent effusion of joint of hips	SNOMED
37209321	Bilateral rheumatoid arthritis of feet	SNOMED
37209323	Bilateral rheumatoid arthritis of hands	SNOMED
37209322	Bilateral rheumatoid arthritis of knees	SNOMED
608810	Bilateral seronegative rheumatoid arthritis of elbow joints	SNOMED
608809	Bilateral seronegative rheumatoid arthritis of feet	SNOMED
608811	Bilateral seronegative rheumatoid arthritis of knees	SNOMED
608812	Bilateral seronegative rheumatoid arthritis of wrists	SNOMED
603301	Bilateral seropositive rheumatoid arthritis of ankle joints	SNOMED
609024	Bilateral seropositive rheumatoid arthritis of feet	SNOMED
603300	Bilateral seropositive rheumatoid arthritis of hip joints	SNOMED
603302	Bilateral seropositive rheumatoid arthritis of joint of elbows	SNOMED
603299	Bilateral seropositive rheumatoid arthritis of knees	SNOMED
603298	Bilateral seropositive rheumatoid arthritis of shoulder regions	SNOMED
608813	Bilateral seropositive rheumatoid arthritis of wrist joint regions	SNOMED
4109057	Boomerang dysplasia	SNOMED
36674262	Camptodactyly, arthropathy, coxa-vara, pericarditis syndrome	SNOMED
4300489	Cervical arthritis	SNOMED

conceptId	conceptName	vocabularyId
4067539	Cervical discitis	SNOMED
4185030	Cervical facet joint effusion	SNOMED
4245641	Chlamydial polyarthritis	SNOMED
37204289	Chondrodysplasia with joint dislocations gPAPP type	SNOMED
46270449	Chronic gout of vertebra without tophus caused by drug	SNOMED
46270428	Chronic gout of vertebra without tophus due to renal impairment	SNOMED
4172431	Chronic infective polyarthritis	SNOMED
4115995	Chronic joint effusion	SNOMED
46270448	Chronic tophaceous gout of vertebra caused by drug	SNOMED
46273508	Chronic tophaceous gout of vertebra due to renal impairment	SNOMED
37110891	CHST3-related skeletal dysplasia	SNOMED
4126944	Circinate balanitis co-occurrent with reactive arthritis triad	SNOMED
4221664	Circinate vulvovaginitis co-occurrent with reactive arthritis triad	SNOMED
80806	Climacteric arthritis of multiple sites	SNOMED
4179506	Climacteric arthritis of spine	SNOMED
4000061	Clutton's joints	SNOMED
75617	Degenerative joint disease involving multiple joints	SNOMED
4025957	Degenerative polyarthritis	SNOMED
4113729	Desbuquois syndrome	SNOMED
607413	Destructive spondylopathy	SNOMED
4046205	Discitis	SNOMED
4035612	Early onset polyarticular juvenile chronic arthritis	SNOMED
4117880	Effusion of acromioclavicular joint	SNOMED
37209349	Effusion of bilateral hip joints	SNOMED
1245619	Effusion of bilateral radiocarpal joints	SNOMED
4115352	Effusion of distal interphalangeal joint of finger	SNOMED
4117882	Effusion of distal radioulnar joint	SNOMED
4117886	Effusion of first metatarsophalangeal joint	SNOMED
4117887	Effusion of interphalangeal joint of toe	SNOMED
79903	Effusion of joint	SNOMED
78834	Effusion of joint of hand	SNOMED
36684498	Effusion of joint of left ankle	SNOMED
36684499	Effusion of joint of left elbow	SNOMED
37170940	Effusion of joint of left foot	SNOMED
37207775	Effusion of joint of left hand	SNOMED
36684500	Effusion of joint of left hip	SNOMED
36684501	Effusion of joint of left knee	SNOMED
36684502	Effusion of joint of left shoulder region	SNOMED
1244940	Effusion of joint of left wrist region	SNOMED
73851	Effusion of joint of multiple sites	SNOMED
4247710	Effusion of joint of pelvic region	SNOMED
36684503	Effusion of joint of right ankle	SNOMED
36684504	Effusion of joint of right elbow	SNOMED
37170942	Effusion of joint of right foot	SNOMED
37207777	Effusion of joint of right hand	SNOMED
36684505	Effusion of joint of right hip	SNOMED
762253	Effusion of joint of right knee	SNOMED
36684506	Effusion of joint of right shoulder region	SNOMED
1244939	Effusion of joint of right wrist region	SNOMED
72407	Effusion of joint of shoulder region	SNOMED
1244938	Effusion of joint of wrist region	SNOMED
1244942	Effusion of left radiocarpal joint	SNOMED

conceptId	conceptName	vocabularyId
4115994	Effusion of lesser metatarsophalangeal joint	SNOMED
4115351	Effusion of metacarpophalangeal joint	SNOMED
4117711	Effusion of proximal interphalangeal joint of finger	SNOMED
1245226	Effusion of radiocarpal joint	SNOMED
1244941	Effusion of right radiocarpal joint	SNOMED
4117884	Effusion of sacroiliac joint	SNOMED
4117742	Effusion of sternoclavicular joint	SNOMED
4115992	Effusion of subtalar joint	SNOMED
4115993	Effusion of talonavicular joint	SNOMED
4117885	Effusion of tibiofibular joint	SNOMED
4117881	Elbow joint effusion	SNOMED
1340249	Exacerbation of ankylosing spondylitis	OMOP
		Extension
1340322	Exacerbation of effusion of joint	OMOP
		Extension
1340460	Exacerbation of rheumatoid arthritis	OMOP
		Extension
81097	Felty's syndrome	SNOMED
37160417	Felty syndrome with seronegative erosive rheumatoid arthritis	SNOMED
37160421	Felty syndrome with seronegative rheumatoid arthritis	SNOMED
4266181	Fibroblastic rheumatism	SNOMED
4179142	Finger joint effusion	SNOMED
4114444	Flare of rheumatoid arthritis	SNOMED
4185029	Foot joint effusion	SNOMED
35624445	Ganglion of multiple joints	SNOMED
46270460	Gout of vertebra caused by drug	SNOMED
46273541	Gout of vertebra due to renal impairment	SNOMED
4117712	Hip joint effusion	SNOMED
4184052	Hydrarthrosis of jaws	SNOMED
4195770	Idiopathic polyarthritis	SNOMED
37162067	Immune dysregulation, inflammatory bowel disease, arthritis, recurrent infection, lymphopenia syndrome	SNOMED
4067312	Infection of intervertebral disc - pyogenic	SNOMED
1246668	Infective arthritis of joint of vertebral column	SNOMED
4120327	Infective discitis	SNOMED
4266078	Infective polyarthritis	SNOMED
42534954	Infective polyarthritis caused by bacteria	SNOMED
607400	Inflammation of intervertebral disc caused by fungus	SNOMED
74125	Inflammatory polyarthropathy	SNOMED
46273949	Intermittent effusion of joint	SNOMED
1246055	Intermittent effusion of joint of ankle	SNOMED
1245846	Intermittent effusion of joint of bilateral ankles	SNOMED
1245847	Intermittent effusion of joint of bilateral elbows	SNOMED
1245845	Intermittent effusion of joint of bilateral knees	SNOMED
1245848	Intermittent effusion of joint of bilateral shoulder regions	SNOMED
1246056	Intermittent effusion of joint of elbow	SNOMED
1245850	Intermittent effusion of joint of left ankle	SNOMED
1246127	Intermittent effusion of joint of left elbow	SNOMED
1246129	Intermittent effusion of joint of left shoulder region	SNOMED
1245851	Intermittent effusion of joint of right ankle	SNOMED
1246130	Intermittent effusion of joint of right elbow	SNOMED
1246132	Intermittent effusion of joint of right shoulder region	SNOMED

conceptId	conceptName	vocabularyId
1246058	Intermittent effusion of joint of shoulder region	SNOMED
1246057	Intermittent hydrarthrosis of hip	SNOMED
1246128	Intermittent hydrarthrosis of left hip	SNOMED
37310663	Intermittent hydrarthrosis of left knee	SNOMED
1246131	Intermittent hydrarthrosis of right hip	SNOMED
37310662	Intermittent hydrarthrosis of right knee	SNOMED
607144	Isolated nailfold rheumatoid vasculitis	SNOMED
77072	Joint effusion of ankle AND/OR foot	SNOMED
4083681	Juvenile ankylosing spondylitis	SNOMED
4035429	Juvenile reactive arthritis triad	SNOMED
4132810	Juvenile seronegative polyarthritis	SNOMED
4132809	Juvenile seropositive polyarthritis	SNOMED
4079735	Juvenile spondyloarthropathy	SNOMED
4115991	Knee joint effusion	SNOMED
4094282	Large effusion in suprapatellar pouch	SNOMED
35622774	Larsen-like osseous dysplasia, short stature syndrome	SNOMED
35622345	Larsen-like syndrome B3GAT3 type	SNOMED
4272804	Larsen syndrome	SNOMED
36009832	Laryngeal rheumatoid arthritis	MedDRA
4083558	Late onset polyarticular juvenile chronic arthritis	SNOMED
601030	Left ankle seropositive rheumatoid arthritis	SNOMED
601031	Left elbow seropositive rheumatoid arthritis	SNOMED
605414	Left foot seropositive rheumatoid arthritis	SNOMED
601040	Left hip joint seronegative rheumatoid arthritis	SNOMED
601042	Left shoulder region seronegative rheumatoid arthritis	SNOMED
601043	Left wrist region seronegative rheumatoid arthritis	SNOMED
601034	Left wrist region seropositive rheumatoid arthritis	SNOMED
36714264	Lethal Larsen-like syndrome	SNOMED
4224167	Lipoid dermatoarthritis	SNOMED
75898	Loose joint body in multiple joints	SNOMED
44783242	Lumbar arthritis	SNOMED
4067311	Lumbar discitis	SNOMED
4184087	Lumbar facet joint effusion	SNOMED
4179143	Metatarsophalangeal joint effusion	SNOMED
4009504	Migratory polyarthritis	SNOMED
4095200	Moderate effusion in knee	SNOMED
4109180	Multiple dislocations with dysplasia	SNOMED
4066600	Multiple-level thoracic spondylosis without myelopathy	SNOMED
37160367	Mycobacterial discitis	SNOMED
37169795	Mycobacterial spondyloarthritis	SNOMED
4223486	Nail dystrophy co-occurrent with reactive arthritis triad	SNOMED
4067532	Neuropathic spondylopathy	SNOMED
37017494	Non-radiographic axial spondyloarthritis	SNOMED
1077466	Non-radiographic axial spondyloarthritis of cervical region	SNOMED
1077336	Non-radiographic axial spondyloarthritis of lumbar and sacral regions	SNOMED
1077506	Non-radiographic axial spondyloarthritis of lumbar region	SNOMED
1077446	Non-radiographic axial spondyloarthritis of thoracic and lumbar regions	SNOMED
44811664	Nonspecific polyarthritis	SNOMED
4122761	Oral lesion co-occurrent with reactive arthritis triad	SNOMED
4147779	Osteoarthritis of multiple joints	SNOMED
76194	Osteoarthrosis involving multiple sites but not designated as generalized	SNOMED
81945	Palindromic rheumatism of multiple sites	SNOMED

conceptId	conceptName	vocabularyId
1076200	PASS syndrome	SNOMED
73289	Pathological dislocation of multiple joints	SNOMED
4067196	Pneumococcal arthritis and polyarthritis	SNOMED
4265764	Polyarthritis associated with another disorder	SNOMED
765773	Polyarthritis associated with hemochromatosis	SNOMED
4254769	Polyarthritis caused by Erysipelothrix rhusiopathiae	SNOMED
75897	Polyarthropathy	SNOMED
4198076	Polyarthropathy associated with another disorder	SNOMED
603008	Polyarticular acute gout caused by lead	SNOMED
603005	Polyarticular acute primary gout	SNOMED
603006	Polyarticular chronic gout caused by lead	SNOMED
607387	Polyarticular chronic primary gouty arthritis	SNOMED
42535177	Polyarticular juvenile idiopathic arthritis	SNOMED
37160369	Polyarticular psoriatic arthritis	SNOMED
618647	Polyarticular viral arthritis	SNOMED
4173925	Post-infective polyarthritis	SNOMED
46270474	Primary chronic gout without tophus of vertebra	SNOMED
1340523	Progression of rheumatoid arthritis	OMOP
		Extension
4113605	Pseudodiastrophic dysplasia	SNOMED
4064048	Psoriatic arthritis with spine involvement	SNOMED
73838	Pyogenic arthritis of multiple sites	SNOMED
761945	Pyogenic bacterial polyarthritis	SNOMED
37171002	Pyogenic infection of cervical intervertebral disc	SNOMED
37171003	Pyogenic infection of cervicothoracic intervertebral disc	SNOMED
37171005	Pyogenic infection of lumbar intervertebral disc	SNOMED
37171006	Pyogenic infection of lumbosacral intervertebral disc	SNOMED
37171007	Pyogenic infection of sacrococcygeal intervertebral disc	SNOMED
37171008	Pyogenic infection of thoracic intervertebral disc	SNOMED
37171009	Pyogenic infection of thoracolumbar intervertebral disc	SNOMED
37395567	Reactive arthritis co-occurrent and due to nonspecific urethritis	SNOMED
4066958	Reactive arthritis of joint of multiple sites due to and following dysentery	SNOMED
765044	Reactive arthritis of spine	SNOMED
78357	Reactive arthritis triad	SNOMED
40483306	Remitting seronegative symmetrical synovitis with pitting edema	SNOMED
4306357	Rheumatoid aortitis	SNOMED
4269880	Rheumatoid arteritis	SNOMED
80809	Rheumatoid arthritis	SNOMED
4117687	Rheumatoid arthritis - ankle and/or foot	SNOMED
4115161	Rheumatoid arthritis - hand joint	SNOMED
37117421	Rheumatoid arthritis in remission	SNOMED
4116149	Rheumatoid arthritis of acromioclavicular joint	SNOMED
4116445	Rheumatoid arthritis of ankle	SNOMED
36687005	Rheumatoid arthritis of bilateral ankles	SNOMED
36687002	Rheumatoid arthritis of bilateral elbows	SNOMED
1245533	Rheumatoid arthritis of bilateral glenohumeral joints	SNOMED
36687003	Rheumatoid arthritis of bilateral hips	SNOMED
36686999	Rheumatoid arthritis of bilateral temporomandibular joints	SNOMED
36687006	Rheumatoid arthritis of bilateral wrists	SNOMED
4116439	Rheumatoid arthritis of cervical spine	SNOMED
4114440	Rheumatoid arthritis of distal interphalangeal joint of finger	SNOMED
4115050	Rheumatoid arthritis of distal radioulnar joint	SNOMED

conceptId	conceptName	vocabularyId
4116440	Rheumatoid arthritis of elbow	SNOMED
4114441	Rheumatoid arthritis of first metatarsophalangeal joint	SNOMED
4179378	Rheumatoid arthritis of foot	SNOMED
4116150	Rheumatoid arthritis of hip	SNOMED
4114442	Rheumatoid arthritis of interphalangeal joint of toe	SNOMED
36683391	Rheumatoid arthritis of joint of spine	SNOMED
4116151	Rheumatoid arthritis of knee	SNOMED
36685017	Rheumatoid arthritis of left ankle	SNOMED
36685018	Rheumatoid arthritis of left elbow	SNOMED
36685019	Rheumatoid arthritis of left foot	SNOMED
42534834	Rheumatoid arthritis of left hand	SNOMED
42534835	Rheumatoid arthritis of left hip	SNOMED
37108590	Rheumatoid arthritis of left knee	SNOMED
35609009	Rheumatoid arthritis of left shoulder	SNOMED
36687001	Rheumatoid arthritis of left temporomandibular joint	SNOMED
36685020	Rheumatoid arthritis of left wrist	SNOMED
4116153	Rheumatoid arthritis of lesser metatarsophalangeal joint	SNOMED
4116442	Rheumatoid arthritis of metacarpophalangeal joint	SNOMED
4117686	Rheumatoid arthritis of multiple joints	SNOMED
4116443	Rheumatoid arthritis of proximal interphalangeal joint of finger	SNOMED
36685021	Rheumatoid arthritis of right ankle	SNOMED
36685022	Rheumatoid arthritis of right elbow	SNOMED
36685023	Rheumatoid arthritis of right foot	SNOMED
42534836	Rheumatoid arthritis of right hand	SNOMED
42534837	Rheumatoid arthritis of right hip	SNOMED
37108591	Rheumatoid arthritis of right knee	SNOMED
35609010	Rheumatoid arthritis of right shoulder	SNOMED
36687000	Rheumatoid arthritis of right temporomandibular joint	SNOMED
36685024	Rheumatoid arthritis of right wrist	SNOMED
4116444	Rheumatoid arthritis of sacroiliac joint	SNOMED
4114439	Rheumatoid arthritis of shoulder	SNOMED
4116148	Rheumatoid arthritis of sternoclavicular joint	SNOMED
4116446	Rheumatoid arthritis of subtalar joint	SNOMED
4116152	Rheumatoid arthritis of talonavicular joint	SNOMED
4179536	Rheumatoid arthritis of temporomandibular joint	SNOMED
4115051	Rheumatoid arthritis of tibiofibular joint	SNOMED
4116441	Rheumatoid arthritis of wrist	SNOMED
2107560	Rheumatoid arthritis (RA) disease activity, high (RA)	CPT4
2107558	Rheumatoid arthritis (RA) disease activity, low (RA)	CPT4
2107559	Rheumatoid arthritis (RA) disease activity, moderate (RA)	CPT4
42539550	Rheumatoid arthritis with erosion of joint	SNOMED
4297651	Rheumatoid arthritis with nailfold and finger-pulp infarcts	SNOMED
4162539	Rheumatoid arthritis with pneumoconiosis	SNOMED
37160562	Rheumatoid arthritis with rheumatoid lung disease	SNOMED
35327341	Rheumatoid bursitis	MedDRA
4103516	Rheumatoid carditis	SNOMED
4300202	Rheumatoid episcleritis	SNOMED
37160390	Rheumatoid factor and anti-citrullinated protein antibody positive erosive rheumatoid arthritis	SNOMED
37160384	Rheumatoid factor and anti-citrullinated protein antibody positive rheumatoid arthritis	SNOMED

conceptId	conceptName	vocabularyId
608043	Rheumatoid factor negative and anti-citrullinated protein antibody negative juvenile polyarthritis	SNOMED
608044	Rheumatoid factor negative and anti-citrullinated protein antibody positive juvenile polyarthritis	SNOMED
608042	Rheumatoid factor positive and anti-citrullinated protein antibody negative juvenile polyarthritis	SNOMED
608041	Rheumatoid factor positive and anti-citrullinated protein antibody positive juvenile polyarthritis	SNOMED
4347065	Rheumatoid necrotizing vasculitis	SNOMED
4299308	Rheumatoid neutrophilic dermatitis	SNOMED
4030424	Rheumatoid osteoperiostitis	SNOMED
4296152	Rheumatoid pericarditis	SNOMED
4243509	Rheumatoid scleritis	SNOMED
4271003	Rheumatoid vasculitis	SNOMED
601035	Right ankle seropositive rheumatoid arthritis	SNOMED
601036	Right elbow seropositive rheumatoid arthritis	SNOMED
605413	Right foot seropositive rheumatoid arthritis	SNOMED
601045	Right hip joint seronegative rheumatoid arthritis	SNOMED
601047	Right shoulder region seronegative rheumatoid arthritis	SNOMED
601048	Right wrist region seronegative rheumatoid arthritis	SNOMED
601038	Right wrist region seropositive rheumatoid arthritis	SNOMED
4180469	Sacral arthritis	SNOMED
37150958	Sacrococcygeal discitis	SNOMED
40479848	Seronegative arthritis of joint of spine	SNOMED
37160376	Seronegative erosive rheumatoid arthritis	SNOMED
4083556	Seronegative rheumatoid arthritis	SNOMED
603308	Seronegative rheumatoid arthritis in remission	SNOMED
37209328	Seronegative rheumatoid arthritis of bilateral hands	SNOMED
1245542	Seronegative rheumatoid arthritis of bilateral hip joints	SNOMED
1076884	Seronegative rheumatoid arthritis of elbow joint	SNOMED
1245541	Seronegative rheumatoid arthritis of joint of bilateral shoulder regions	SNOMED
601039	Seronegative rheumatoid arthritis of joint of left ankle	SNOMED
601044	Seronegative rheumatoid arthritis of joint of right ankle	SNOMED
1244750	Seronegative rheumatoid arthritis of joint of shoulder region	SNOMED
1076984	Seronegative rheumatoid arthritis of left elbow joint	SNOMED
37207808	Seronegative rheumatoid arthritis of left hand	SNOMED
601041	Seronegative rheumatoid arthritis of left knee joint	SNOMED
37207809	Seronegative rheumatoid arthritis of multiple joints	SNOMED
1076985	Seronegative rheumatoid arthritis of right elbow joint	SNOMED
37207810	Seronegative rheumatoid arthritis of right hand	SNOMED
601046	Seronegative rheumatoid arthritis of right knee joint	SNOMED
4147418	Seropositive erosive rheumatoid arthritis	SNOMED
4035611	Seropositive rheumatoid arthritis	SNOMED
603309	Seropositive rheumatoid arthritis in remission	SNOMED
37209329	Seropositive rheumatoid arthritis of bilateral hands	SNOMED
601033	Seropositive rheumatoid arthritis of joint of left shoulder region	SNOMED
601037	Seropositive rheumatoid arthritis of joint of right shoulder region	SNOMED
601032	Seropositive rheumatoid arthritis of left hand	SNOMED
37207804	Seropositive rheumatoid arthritis of left hip	SNOMED
37207805	Seropositive rheumatoid arthritis of left knee	SNOMED
37108714	Seropositive rheumatoid arthritis of multiple joints	SNOMED
609061	Seropositive rheumatoid arthritis of right hand	SNOMED

conceptId	conceptName	vocabularyId
37207806	Seropositive rheumatoid arthritis of right hip	SNOMED
37207807	Seropositive rheumatoid arthritis of right knee	SNOMED
36684998	Seropositive rheumatoid arthritis of shoulder joint	SNOMED
37163586	Severe myopia, generalized joint laxity, short stature syndrome	SNOMED
4066957	Sexually acquired reactive arthritis of multiple sites	SNOMED
4066599	Single-level thoracic spondylosis without myelopathy	SNOMED
4184086	Spinal effusion	SNOMED
607428	Spondyloarthritis caused by fungus	SNOMED
3655820	Spondyloarthritis caused by parasite	SNOMED
37168829	Spondyloepimetaphyseal dysplasia with joint laxity, EXOC6B type	SNOMED
35624206	Spondyloepimetaphyseal dysplasia with multiple dislocations	SNOMED
37164084	Spondyloepiphyseal dysplasia Stanescu type	SNOMED
45765457	Spondyloepiphyseal dysplasia with congenital joint dislocations	SNOMED
764930	Spondylosis due to another disorder	SNOMED
4084271	Spontaneous joint effusion	SNOMED
4066952	Staphylococcal arthritis and polyarthritis	SNOMED
1076990	Staphylococcal arthritis of intervertebral joint	SNOMED
37162796	Steel syndrome	SNOMED
4243832	Subacute infective polyarthritis	SNOMED
607145	Systemic rheumatoid vasculitis	SNOMED
4184084	Temporomandibular joint effusion	SNOMED
4304035	Thoracic arthritis	SNOMED
4068628	Thoracic discitis	SNOMED
4181891	Thoracic facet joint effusion	SNOMED
74130	Thoracic spondylosis without myelopathy	SNOMED
4184085	Thumb joint effusion	SNOMED
4095199	Trace effusion in knee	SNOMED
74724	Transient arthropathy of multiple sites	SNOMED
72991	Traumatic arthropathy of multiple sites	SNOMED
4085547	Traumatic effusion of joint of elbow	SNOMED
4085548	Traumatic effusion of joint of knee	SNOMED
4136691	Traumatic joint effusion	SNOMED
4067528	Two-level thoracic spondylosis without myelopathy	SNOMED
4218311	Undifferentiated inflammatory polyarthritis	SNOMED
4311391	Uveitis-rheumatoid arthritis syndrome	SNOMED
37160412	Viral discitis	SNOMED
37160396	Viral spondyloarthritis	SNOMED