

Supplementary Table 1: Read codes used to identify rheumatoid arthritis

readcode	readterm
N040.00	Rheumatoid arthritis
14G1.00	H/O: rheumatoid arthritis
N040P00	Seronegative rheumatoid arthritis
N040T00	Flare of rheumatoid arthritis
N04X.00	Seropositive rheumatoid arthritis, unspecified
N042200	Rheumatoid nodule
N04..00	Rheumatoid arthritis and other inflammatory polyarthropathy
N047.00	Seropositive erosive rheumatoid arthritis
N042000	Rheumatic carditis
38DZ.00	Disease activity score in rheumatoid arthritis
N041.00	Felty's syndrome
N04y012	Fibrosing alveolitis associated with rheumatoid arthritis
N040S00	Rheumatoid arthritis - multiple joint
N040N00	Rheumatoid vasculitis
N040D00	Rheumatoid arthritis of knee
66HB000	Rheumatoid arthritis annual review
N04y000	Rheumatoid lung
N040R00	Rheumatoid nodule
N040700	Rheumatoid arthritis of wrist
N040800	Rheumatoid arthritis of MCP joint
N040Q00	Rheumatoid bursitis
N040F00	Rheumatoid arthritis of ankle
38DZ000	Disease activity score 28 joint in rheumatoid arthritis
N040100	Other rheumatoid arthritis of spine
N040900	Rheumatoid arthritis of PIP joint of finger
N040K00	Rheumatoid arthritis of 1st MTP joint
N042z00	Rheumatoid arthropathy + visceral/systemic involvement NOS
N040200	Rheumatoid arthritis of shoulder
N040500	Rheumatoid arthritis of elbow
N040B00	Rheumatoid arthritis of hip
N042100	Rheumatoid lung disease
N042.00	Other rheumatoid arthropathy + visceral/systemic involvement
Nyu1G00	[X]Seropositive rheumatoid arthritis, unspecified
F396400	Myopathy due to rheumatoid arthritis
F371200	Polyneuropathy in rheumatoid arthritis
N040000	Rheumatoid arthritis of cervical spine
Nyu1100	[X]Other seropositive rheumatoid arthritis
N040A00	Rheumatoid arthritis of DIP joint of finger
N04y011	Caplan's syndrome
N040H00	Rheumatoid arthritis of talonavicular joint
Nyu1200	[X]Other specified rheumatoid arthritis
7P20300	Delivery of rehabilitation for rheumatoid arthritis
N040G00	Rheumatoid arthritis of subtalar joint
N040400	Rheumatoid arthritis of acromioclavicular joint
N040C00	Rheumatoid arthritis of sacro-iliac joint
N040J00	Rheumatoid arthritis of other tarsal joint
N040600	Rheumatoid arthritis of distal radio-ulnar joint
N040L00	Rheumatoid arthritis of lesser MTP joint
Nvu1000	[X]Rheumatoid arthritis+involvement/other organs or systems