

Additional File 2. ICD-9-CM codes of autoimmune diseases

Disease	ICD-9-CM code
Systemic lupus erythematosus	710.0
Scleroderma	710.1, 701.1, 711.1x, 778.1
Sjögren's syndrome	710.2
Polymyositis & Dermatomyositis	710.3, 710.4
Diffuse diseases of connective tissue	710.9, 279.4, 279.9
Rheumatoid arthritis	714.xx
Crohn's disease	555.x
Ulcerative colitis	556.x
Vasculitis	136.1, 443.1, 446.0, 446.1, 446.2, 446.4, 446.5, 446.7, 447.6, 795.79
Pemphigus	694.4
Discoid lupus erythematosus	695.4, 373.34
Psoriasis	696.0, 696.1, 696.8
Ankylosing spondylitis	720.0, 720.9, 716.9x