

Supplementary Table 1. Disease Codes

Category	ICD-10 code
Ulcerative colitis	K510, K512, K513, K515, K518, K519
Crohn's disease	D518, K500, K501, K508, K509
Behçet's disease	M352
Colorectal cancer	C180, C181, C182, C183, C184, C185, C186, C187, C189, C19, C20
Scleritis	H150, H151
Iridocyclitis	H200, H201, H202, H208, H209
Deep venous thrombosis	I802 (disease code: 8835128)
Primary sclerosing cholangitis	K830 (disease code: 5761008)
Autoimmune pancreatitis	K861 (disease code: 8848310, 8842274, 8848312)
Linear IgA dermatosis	L138 (disease code: 8848365)
Psoriatic arthritis	L405
Erythema nodosum	L52
Pyoderma gangrenosum	L88
Rheumatoid arthritis	M0500, M0510, M0520, M0530, M0580, M581, M582, M583, M584, M585, M586, M587, M588, M590, M591, M592, M593, M594, M595, M596, M597, M0598, M0600, M0601, M0602, M0603, M0604, M0605, M0606, M0607, M0608, M0610, M0620, M0630, M0640, M0680, M0681, M0682, M0683, M0684, M0685, M0686, M0687, M0688, M0690, M0691, M0692, M0693, M0694, M0695, M0696, M0697, M0698
Ankylosing spondylitis	M45-0, M45-4, M45-9
Sacroiliitis	M4618

ICD-10, International Classification of Diseases, 10th Revision; IgA, immunoglobulin A.