

**Supplement 1.** Supplemental content: ICD-10 codes for patient inclusion criteria

Category	Diagnosis	ICD-10 code
Spine	Degenerative disc disease	M50.31, M50.32, M50.33, M51.34, M51.36
	Myelopathy	M50.01, M50.02, M50.03, M51.34, M51.06, M47.12, M47.14, M14.16
	Herniated nucleus pulposus	M50.21, M50.22, M50.23, M50.24, M50.25, M50.26
	Radiculopathy	M50.27, M50.28, M50.29, M50.30
	Spondylosis, stenosis	M50.31, M50.32, M50.33, M50.34, M50.35, M50.36
	Scoliosis	M50.37, M50.38, M50.39, M50.40, M50.41, M50.42
	Spondylolisthesis, instability	M50.43, M50.44, M50.45, M50.46, M50.47, M50.48, M50.49, M50.50, M50.51, M50.52
Migraine	Migraine	G43
	Migraine without aura	G43.001, G43.009, G43.011, G43.019
	Migraine with aura	G43.101, G43.109, G43.111, G43.119
	Hemiplegic migraine	G43.401, G43.409, G43.411, G43.419
	Persistent migraine aura	G43.501, G43.509, G43.511, G43.519, G43.601, G43.609, G43.611, G43.619
	Chronic migraine	G43.701, G43.709, G43.711, G43.719
	Other migraine, unspecified migraine	G43.801, G43.809, G43.811, G43.819, G43.821, G43.829, G43.831, G43.839, G43.901, G43.909, G43.911, G43.919, G43.A0, G43.A1

ICD-10, International Classification of Diseases, 10th revision.