

Supplementary appendix.**Table 1.** List and prevalence of chronic conditions (in the total population and among MM patients) in the study.

Disorder	ICD-10 codes	Prevalence (%)	
		Total	among MM patients
Hypertension	[I10–I15]	24.49	67.40
Painful condition	[G44, R51] [M25.5] [M42–M54] [M77] [M79.1–79.9] [R10.1– 10.4] [R07.0–07.4] [R30] [R52.0] [R52.1] [R52.2] [R52.9] [S22.0] [S22.1] [S12] [S32] [S72]	12.37	32.30
Rheumatoid arthritis, other inflammatory arthropathies and systemic connective tissue disorders	[M30–M36] [M05–M09, M79.0] [M91] [M15– M19]	7.65	23.56
Dyspepsia	[K21, K25–K30]	7.41	22.12
Asthma	[J45–J46] [J30]	5.91	12.94
Diabetes	[E10–14]	5.62	17.69
Sleeping disorders	[F51, G47]	5.11	15.80
Thyroid disorders	[E01–05, E06.1–.9, E07]	4.72	12.93

Atrial fibrillation	[I44–I45, I47–I49]	4.7	14.99
Psoriasis or eczema	[L20] [L23] [L28] [L29] [L40] [L50] [L56]	4.17	8.25
Anxiety and other neurotic, stress- related, and somatoform disorders	[F40–F43, F45, F48]	4.09	11.20
Blindness and low vision	[H17–18, H25–28, H31, H33, H34.1–.9, H35– H36, H43, H47, H54]	3.62	11.39
Ischaemic heart diseases	[I20–I25]	3.44	11.27
Depression	[F32–F33]	3.32	9.21
Heart failure	[I50]	3.24	10.65
Glaucoma	[H40–H42]	3.17	9.86
Cancer **	C00–97, D00–09, D37– 48	3.05	8.84
Prostate disorders	[N40] [N41]	2.52	7.33
Disorders of purine and pyrimidine metabolism	[E79, M10]	2.07	6.56
Anemia	[D50–59, D60–D61, D63–64]	1.88	4.75
Obesity	[E66]	1.64	5.11

Noninflammatory disorders of the female genital tract	[N81] [N93] [N95]	1.57	4.45
Neuropathies	[G50–G64]	1.56	4.78
Disorders of vestibular function	[H81, H82, R42]	1.52	4.75
Stroke and transient ischaemic attack	[I60–66, I69, G45, I67.2]	1.45	4.71
Chronic obstructive pulmonary disease/bronchitis	[J40–J44]	1.4	4.42
Peripheral vascular disease	[I73.0] [I70]	0.93	2.98
Osteoporosis	[M80, M81, M82]	0.89	2.83
Schizophrenia or bipolar disorder	[F20–F29] [F31]	0.85	1.75
Epilepsy	[G40–G41]	0.84	1.84
Hearing loss	[H90–H91]	0.74	2.17
Migraine	[G43]	0.72	1.57
Cholelithiasis / Cholecystitis	[K80, K81.1]	0.5	1.47
Dementia	[F00, F01, F02, F03, F05.1, G30, G31, R54]	0.48	1.48
Chronic kidney disease	[N18–N19]	0.47	1.57

Mental and behavioral disorders due to use of alcohol	[F10]	0.43	1.16
Chronic liver disease	[K70–74, K76]	0.42	1.31
Valve disorders	[I34–I37]	0.37	1.20
Viral Hepatitis	[B18]	0.36	1.02
Irritable bowel syndrome	[K58]	0.33	0.97
Parkinson's disease	[G20, G21, G22]	0.31	0.97
HIV	[Z21, B20–B24]	0.30	0.70
disorders of the urinary system	[N39.3, N39.4, R32]	0.27	0.84
Calculus of kidney and ureter	[N20]	0.26	0.76
Inflammatory bowel	[K50–K52]	0.24	0.52
Chronic sinusitis	[J32]	0.21	0.57
Diverticular disease of the intestine	[K57]	0.2	0.63
Other psychoactive substance misuses	[F11–19]	0.16	0.45
Treated constipation	[K59.0]	0.16	0.42
Multiple sclerosis	[G35]	0.12	0.26
Coagulation defects	[D65-D69]	0.08	0.22
Learning disability	[F81]	0.06	0.08
Anorexia or bulimia	[F50]	0.05	0.13

Bronchiectasis	[J47]	0.05	0.16
Celiac disease	[K90.0]	0.03	0.07

* [] repetition of diagnostic codes within the boundaries of brackets

** Each cancer diagnosis code counted separately