

Table S2. Prevalence of PIM category II (n=22,099)

Disease/syndrome ^{a)}	PIM category II ^{b)}	n (%)	Number of times PIM prescribed
History of falls or fracture (n = 1,054; 4.77%)	Tramadol	831 (3.76)	1 (1-2)
	Lorazepam	256 (1.16)	9 (1-9)
	Amitriptyline	205 (0.93)	1 (1-2)
	Morphine	125 (0.57)	1 (1-1)
	Diazepam	88 (0.40)	1 (1-4)
Lower urinary tract symptoms, benign prostatic hyperplasia (n = 503; 2.28%)	Orphenadrine	396 (1.79)	2 (1-4)
	Dimenhydrinate	101 (0.46)	2 (1-3)
	Amitriptyline	80 (0.36)	1 (1-3)
	Chlorpheniramine	73 (0.33)	1 (1-2)
	Hydroxyzine	69 (0.31)	2 (1-4)
Heart failure (n = 86; 0.39%)	Pioglitazone	35 (0.16)	3 (2-6)
	Naproxen	32 (0.14)	1 (1-2)
	Diltiazem	7 (0.03)	5 (3-8)
	Celecoxib	7 (0.03)	1 (1-2)
	Diclofenac	4 (0.02)	1 (1-1.5)
	Ibuprofen	4 (0.02)	1 (1-1)
Dementia or cognitive impairment (n = 57; 0.26%)	Lorazepam	35 (0.16)	6 (2-10)
	Orphenadrine	33 (0.15)	2 (1-3)
	Risperidone	29 (0.13)	5 (2-10)
	Trihexyphenidyl	17 (0.08)	9 (1-10)
	Dimenhydrinate	16 (0.07)	2 (1-2.5)
Chronic kidney disease stage 4 or higher (creatinine clearance < 30 mL/min) (n = 44, 0.20%)	Naproxen	23 (0.10)	1 (1-1)
	Ibuprofen	10 (0.05)	1 (1-1)
	Diclofenac	7 (0.03)	1 (1-1)
	Meloxicam	4 (0.02)	1 (1-2)
	Celecoxib	3 (0.015)	6 (2-7)
Delirium (n = 34; 0.15%)	Lorazepam	23 (0.10)	3 (2-7)
	Orphenadrine	15 (0.07)	2 (1-3)
	Risperidone	11 (0.05)	3 (1-4)
	Haloperidol	10 (0.05)	1.5 (1-2)
	Amitriptyline	8 (0.04)	2 (1-5)
History of gastric or duodenal ulcers (n = 19; 0.09%)	Naproxen	15 (0.07)	2 (1-2)
	Ibuprofen	4 (0.02)	1 (1-1.5)
	Diclofenac	2 (0.01)	1.5 (1-2)
Parkinson disease (n = 12; 0.05%)	Haloperidol	6 (0.03)	5 (2-6)
	Risperidone	6 (0.03)	4 (2-10)
	Fluphenazine	4 (0.02)	10.5 (5-15)
	Metoclopramide	1 (0.005)	1 (1-1)
	Chlorpromazine	1 (0.005)	1 (1-1)
	Perphenazine	1 (0.005)	9 (9-9)
	Amitriptyline	4 (0.02)	3.5 (1-10)
Syncope (n = 6; 0.03%)	Doxazosin	2 (0.01)	9 (9-9)
Overall prevalence 7.68% (n = 1,697)			

Values are presented as number (%) or median (interquartile range).

All non-steroidal anti-inflammatory drugs (NSAIDs) include both oral and parenteral forms.

PIM, potentially inappropriate medication.

^{a)}Listed in descending order of frequency.

^{b)}For each disease or syndrome, the five most prescribed PIMs are listed in descending order of frequency.