

Table S1. Prevalence of PIM category I (n=22,099)

| PIM category I ^{a)} | n (%) | Number of times PIM prescribed |
|--|---------------|--------------------------------|
| Orphenadrine ^{b)} | 8,574 (38.80) | 2 (1-3) |
| Omeprazole | 6,445 (29.16) | 2 (1-6) |
| Naproxen | 2,612 (11.82) | 1 (1-2) |
| Dimenhydrinate ^{b)} | 2,526 (11.43) | 2 (1-2) |
| Lorazepam | 2,268 (10.26) | 3 (1-6) |
| Amitriptyline ^{b)} | 1,674 (7.58) | 1 (1-3) |
| Doxazosin | 1,493 (6.76) | 5 (2-8) |
| Chlorpheniramine ^{b)} | 1,393 (6.30) | 1 (1-2) |
| Hydroxyzine ^{b)} | 1,294 (5.86) | 1 (1-3) |
| Ibuprofen | 1,016 (4.60) | 1 (1-1) |
| Brompheniramine ^{b)} | 652 (2.95) | 1 (1-1) |
| Hyoscine ^{b)} | 647 (2.93) | 1 (1-1) |
| Methyldopa | 589 (2.67) | 6 (3-8) |
| Diazepam | 551 (2.49) | 1 (1-4) |
| Clonazepam | 390 (1.76) | 5 (2-9) |
| Diclofenac | 264 (1.19) | 1 (1-1.5) |
| Trihexyphenidyl ^{b)} | 255 (1.15) | 9 (5-11) |
| Meloxicam | 238 (1.08) | 1 (1-2) |
| Risperidone | 221 (1.00) | 5 (2-10) |
| Haloperidol | 188 (0.85) | 7 (2-11) |
| Metoclopramide | 175 (0.79) | 1 (1-1) |
| Alprazolam | 171 (0.77) | 6 (2-10) |
| Digoxin | 156 (0.71) | 7 (4.5-10) |
| Nortriptyline ^{b)} | 83 (0.38) | 3 (1-5) |
| Perphenazine ^{b)} | 80 (0.36) | 7.5 (3.5-10.5) |
| Regular insulin, alone | 69 (0.31) | 1 (1-1) |
| Clidinium ^{b)} | 65 (0.29) | 1 (1-2) |
| Chlordiazepoxide | 65 (0.29) | 1 (1-2) |
| Clozapine ^{b)} | 63 (0.29) | 8 (3-11) |
| Phenobarbital | 41 (0.19) | 6 (5-7) |
| Chlorpromazine ^{b)} | 38 (0.17) | 8.5 (2-11) |
| Prazosin | 23 (0.10) | 5 (2-8) |
| Amiodarone | 22 (0.10) | 1 (1-4) |
| Fluphenazine | 21 (0.10) | 7 (4-11) |
| Conjugated estrogens | 20 (0.09) | 1 (1-1) |
| Mefenamic acid | 17 (0.08) | 1 (1-1) |
| Glimepiride | 12 (0.05) | 6.5 (3-7.5) |
| Atropine (excludes ophthalmic) ^{b)} | 9 (0.04) | 1 (1-1) |
| Imipramine ^{b)} | 5 (0.025) | 9 (8-9) |
| Trifluoperazine ^{b)} | 4 (0.02) | 10.5 (9-11.5) |
| Estradiol | 4 (0.02) | 2 (1-4) |
| Thioridazine ^{b)} | 3 (0.015) | 12 (11-13) |
| Dicyclomine ^{b)} | 2 (0.01) | 1 (1-1) |
| Methyltestosterone | 2 (0.01) | 1 (1-1) |
| Testosterone | 1 (0.005) | 9 (9-9) |
| Indomethacin | 1 (0.005) | 1 (1-1) |

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

Non-steroidal anti-inflammatory drugs (NSAIDs) are only considered in oral form.

PIM, potentially inappropriate medication.

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

^{b)}Medications with highly anticholinergic effect.