

Use of High-Risk Medications in Older Adults (DAE)

High-Risk Medications

Description	Prescription
Anticholinergics, first-generation antihistamines	<ul style="list-style-type: none"> Brompheniramine Carbinoxamine Chlorpheniramine Clemastine Cyproheptadine Dexbrompheniramine Dexchlorpheniramine Diphenhydramine (oral) Trihexyphenidyl Dimenhydrinate Doxylamine Hydroxyzine Meclizine Promethazine Pyrilamine Triprolidine
Anticholinergics, anti-Parkinson agents	<ul style="list-style-type: none"> Benztrapine (oral) Trihexyphenidyl
Antispasmodics	<ul style="list-style-type: none"> Atropine (exclude ophthalmic) Belladonna alkaloids Chlordiazepoxide-clidinium Dicyclomine Hyoscyamine Methscopolamine Propantheline Scopolamine
Antithrombotics	<ul style="list-style-type: none"> Dipyridamole (oral, excluding extended-release)
Cardiovascular, alpha agonists, central	<ul style="list-style-type: none"> Guanfacine Methyldopa
Cardiovascular, other	<ul style="list-style-type: none"> Disopyramide Nifedipine (excluding extended-release)
Central nervous system, antidepressants	<ul style="list-style-type: none"> Amitriptyline Amoxapine Clomipramine Desipramine Imipramine Nortriptyline Paroxetine Protriptyline Trimipramine
Central nervous system, barbiturates	<ul style="list-style-type: none"> Amobarbital Butabarbital Butalbital Pentobarbital Phenobarbital Secobarbital
Central nervous system, vasodilators	<ul style="list-style-type: none"> Ergoloid mesylates Isoxsuprine
Central nervous system, other	<ul style="list-style-type: none"> Meprobamate
Endocrine system, estrogens with or without progestins; include only oral and topical patch products	<ul style="list-style-type: none"> Conjugated estrogen Esterified estrogen Estradiol Estropipate
Endocrine system, sulfonylureas, long-duration	<ul style="list-style-type: none"> Chlorpropamide Glimepiride Glyburide
Endocrine system, other	<ul style="list-style-type: none"> Desiccated thyroid Megestrol
Nonbenzodiazepine hypnotics	<ul style="list-style-type: none"> Eszopiclone Zaleplon Zolpidem
Pain medications, skeletal muscle relaxants	<ul style="list-style-type: none"> Carisoprodol Chlorzoxazone Cyclobenzaprine Metaxalone Methocarbamol Orphenadrine
Pain medications, other	<ul style="list-style-type: none"> Indomethacin Ketorolac, includes parenteral Meperidine

High-Risk Medications With Days Supply Criteria

Description	Prescription	Days Supply Criteria
Anti-infectives, other	<ul style="list-style-type: none"> Nitrofurantoin Nitrofurantoin macrocrystals - monohydrate 	>90 days

High-Risk Medications With Average Daily Dose Criteria

Description	Prescription	Average Daily Dose Criteria
Alpha agonists, central	<ul style="list-style-type: none"> Reserpine 	>0.1 mg/day
Cardiovascular, other	<ul style="list-style-type: none"> Digoxin 	>0.125 mg/day
Tertiary TCAs (as single agent or as part of combination products)	<ul style="list-style-type: none"> Doxepin 	>6 mg/day

High-Risk Medications Based on Prescription and Diagnosis Data

Description	Prescription	
Antipsychotics, first (conventional) and second (atypical) generation	<ul style="list-style-type: none"> • Aripiprazole • Aripiprazole lauroxil • Asenapine • Brexpiprazole • Cariprazine • Chlorpromazine • Clozapine • Fluphenazine • Haloperidol • Iloperidone • Loxapine • Lurasidone • Molindone 	<ul style="list-style-type: none"> • Olanzapine • Paliperidone • Perphenazine • Pimavanserin • Pimozide • Quetiapine • Risperidone • Thioridazine • Thiothixene • Trifluoperazine • Ziprasidone
Benzodiazepines (long, short, and intermediate acting)	<ul style="list-style-type: none"> • Alprazolam • Chlordiazepoxide • Clonazepam • Clorazepate • Diazepam • Estazolam • Flurazepam 	<ul style="list-style-type: none"> • Lorazepam • Midazolam • Oxazepam • Quazepam • Temazepam • Triazolam

American Geriatrics Society 2023 Updated AGS Beers Criteria® for Potentially Inappropriate Medication Use in Older Adults. J Am Geriatr Soc, 71: 2052-2081. National Committee for Quality Assurance (2024). MY 2024 HEDIS®, Technical Specifications. Vol. 2 (pp. 337-345). Washington, D.C.