

MEDICATIONS WITH SIGNIFICANT ANTICHOLINERGIC PROPERTIES

Therapeutic Categories (Drug List*)	Potential Adverse Consequences
Antihistamines <ul style="list-style-type: none"> • chlorpheniramine, cyproheptadine, diphenhydramine, hydroxyzine 	Blood pressure, increased Breathing difficulty, changes Clumsiness or unsteadiness Convulsions Digestive system changes, e.g., <ul style="list-style-type: none"> • Bloating • Bowel motility, decreased • Constipation • Ileus, paralytic/adynamic • Nausea or vomiting • Swallowing difficulty with dry mouth Mental status/behavior changes, e.g., <ul style="list-style-type: none"> • Distress, excitement, nervousness • Attention, impaired • Cognitive decline • Confusion/disorientation • Hallucinations • Memory loss • Restlessness or irritability Delirium Dizziness or Drowsiness Fever Headache Heart rate, increased Lethargy, fatigue Mucous membrane dryness: mouth, nose Muscle weakness, severe Speech, slurring Skin, changes <ul style="list-style-type: none"> • Dryness • Sweating, decreased • Flushing • Warmth, excessive Vision impairment, changes in acuity <ul style="list-style-type: none"> • Blurring • Glaucoma, worsening • Eye pain • Light sensitivity Urinary retention or difficulty
Antidepressants <ul style="list-style-type: none"> • amoxapine, amitriptyline, clomipramine, desipramine, doxepin, imipramine, nortriptyline, protriptyline, paroxetine 	
Antiemetics <ul style="list-style-type: none"> • prochlorperazine, promethazine 	
Antipsychotics <ul style="list-style-type: none"> • chlorpromazine, clozapine, olanzapine, thioridazine 	
Antivertigo <ul style="list-style-type: none"> • meclizine, scopolamine 	
Cardiovascular <ul style="list-style-type: none"> • furosemide, digoxin, nifedipine, disopyramide 	
Gastrointestinal <ul style="list-style-type: none"> • Antidiarrheal: diphenoxylate atropine • Antispasmodics: belladonna, clidinium, chlordiazepoxide, dicyclomine, hyoscyamine, propantheline • Antiulcer: cimetidine, ranitidine 	
Muscle Relaxants <ul style="list-style-type: none"> • cyclobenzaprine, dantrolene, orphenadrine 	
Parkinsonism <ul style="list-style-type: none"> • amantadine, benzotropine, biperiden, trihexyphenidyl 	
Urinary Incontinence <ul style="list-style-type: none"> • oxybutynin, propantheline, solifenacin, tolterodine, trospium 	

NOTES

*Not an inclusive list.
 Adapted from the *CMS State Operations Manual: Appendix PP - Guidance to Surveyors for Long Term Care Facilities*.
 Available at: [cms.hhs.gov/manuals/Downloads/som107ap_pp_guidelines_tctcf.pdf](https://www.cms.gov/manuals/Downloads/som107ap_pp_guidelines_tctcf.pdf). Accessed 6/2012. (Rev. 6/2012)