

Appendix 1: History of medication experience			
Medication	Reason for use (if known)	Duration (if known)	Knowledge, efficacy, compliance, goals, safety assessment*
Quinapril 40 mg/d	CAD/hypertension	Before 2008	<ul style="list-style-type: none"> • CAD with stable angina (last episode of angina 3 mo before admission relieved with nitroglycerin) • In sinus rhythm at 72 beats/min on admission • Recent BP measurements: <ul style="list-style-type: none"> - 118/64 mm Hg sitting to 80/50 mm Hg standing - 108/69 mm Hg sitting to 88/59 mm Hg standing - 90/50 mm Hg lying to 60/36 mm Hg standing
Amlodipine 5 mg/d	CAD/hypertension	?	
Diltiazem extended release 360 mg/d	CAD/hypertension/angina	Before 2008	
Acebutolol 200 mg twice daily	CAD/hypertension/angina	Before 2008	
Nitroglycerin patch 0.6 mg/h at bedtime	CAD/angina	?	
Nitroglycerin spray 0.4 mg/spray as needed	CAD/angina	?	
Furosemide 40 mg/d	Edema	Since 2005	Mild edema in both feet noted on admission
Dipyridamole/ASA 200/25 mg twice daily	Stroke in 2008	Since 2008	Complains of a lot of bruising
Rosuvastatin 20 mg twice daily	Stroke in 2008	Since 2008	Unclear why patient taking medication twice daily
Levothyroxine 0.088 mg/d	Thyroid ablation	About 10 yr	TSH 4.71 mU/L on admission
Tiotropium 18 mcg/d	Unclear if COPD or asthma	?	Stated that if she does not take tiotropium she coughs a lot at night
Salbutamol 100 mcg, 2 puffs four times daily when needed	Unclear	?	Not used in January according to MAR; did not remember this medication
Galantamine extended release 16 mg/d	Dementia	Since 2008	<ul style="list-style-type: none"> • Diagnosed by neurologist after stroke • Patient hasn't noticed anything different since starting galantamine
Morphine 10 mg at bedtime	Pain (fibromyalgia)	?	Stated taking 2–3 times per wk, but MAR lists daily at bedtime; thinks morphine helps sleep and decreases need for acetaminophen next day
Acetaminophen 650 mg every 4–6 h as needed	Pain (fibromyalgia)	?	Stated taking 2 tablets once a week but it doesn't help
Cyclobenzaprine 5 mg three times daily	Pain (fibromyalgia)	30 yr	Stated that medication was recommended by rheumatologist; effective (pain goes away in half hour); if pain persists, she takes acetaminophen
Glucosamine 500 mg twice daily	Pain (type of arthritis unclear)	?	Stated taking daily from own bottle but listed on MAR as regular
Amitriptyline 75 mg at bedtime	Insomnia	?	To bed by 7–8 pm; awakened for evening medications about 8:30 pm but falls asleep easily; up to bathroom once nightly but falls asleep easily; wakes at 7:30 am, returns to bed until noon, then awakened for lunch; naps from 3–4 pm; has supper at 6 pm and watches television until falls asleep again; did not realize she was taking sleeping pills
Oxazepam 15 mg at bedtime	Insomnia	?	
Lactulose 15 mL/d as needed	Constipation	?	According to MAR, only took lactulose once in last month; finds taste too sweet
Magnesium hydroxide 311 mg, 1–2 tablets at bedtime	Constipation	?	Stated that this sometimes helps with constipation
Fibre in water	Constipation	?	Uses as needed if very constipated
Bisacodyl, 2 pills as needed	Constipation	?	Uses if no bowel movement for 2–3 d
Suppository?	Constipation	?	Uses if no bowel movement for 3–4 d
Cranberry 500 mg three times daily	Bladder	?	Stated taking this once daily from own supply, but MAR states three times daily
Carbamazepine 200 mg twice daily	Post-stroke seizure prophylaxis?	Since 2008	One absence seizure with TIA in March 2010; retirement home has no record of drug level since admission in 2009
Omeprazole 20 mg/d	History of duodenal ulcer	?	Stated having had a duodenal ulcer years ago but no heartburn; if she does have rare heartburn, calcium carbonate is effective
Levofloxacin 250 mg/d	Urinary tract infection	1 mo	Still taking medication, but it was prescribed for only 10 d

Note: BP = blood pressure; CAD = coronary artery disease; COPD = chronic obstructive pulmonary disease; GERD = gastroesophageal reflux disease; MAR = medication administration record; TIA = transient ischemic attack; TSH = thyroid stimulating hormone.

*Patient is allergic to penicillin (tongue and mouth swelling with itchiness).