Safety Enhanced Design Brief

Medication Lists

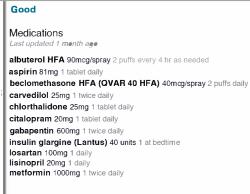
To be effective at improving health, medication lists must give providers a quick holistic view of the patient, but also help them make specific treatment decisions.

Useful medication lists are challenging to design, because of the complexity and time course of medication information and the variety of tasks that they support.

- 1 Design medication lists to support key user tasks including
 - An overview of what the patient is currently taking
 - · Managing treatment decisions
 - Renewing medications
 - · Reconciling medications
 - Reviewing time course
 - Managing temporary changes
 - Reviewing treatment that was effective or ineffective
 - · Assessing adherence
- 2 To give a quick overview, use a simple list of current medications that emphasizes drug names (and then strengths) and de-emphasizes other information:

Current medications: (selected) Prescriptions Ordered albuterol HFA prn (90mcg/spray) (ProAir HFA) oral spray; 90 mcg/spray, 2 puffs, oral, every 4 hours as needed, 21.6 mg/1 beclomethasone HFA (QVAR 40 HFA) oral spray; 40 mcg/spray 40 mcg/spray, 2 puffs, oral, twice a day, 9.6 mg/1 unit carvedilol 25 mg oral tablet; 25 mg 1 tablet, oral, 2 times a day, 180 tablets chlorthalidone 25 mg oral tablet; 25 mg 1 tablet, oral, daily, 90 tablets citalopram 20 mg oral tablet; 20 mg 1 tablet, oral, daily, 90 gabapentin 600 mg oral tablet; 600 mg 1 tablet, oral, 2 times a day, 180 tablets insulin glargine (Lantus) 40 units subcut at bedtime, 10 ml losartan 100 mg oral tablet; 100 mg, 1 tablet, oral, daily, 90 metformin 1000 mg oral tablet; 100 mg, 1 tablet, oral, 2 times a

day, 180 tablets



Better						
Medication	Instructions					
albuterol HFA 90 mg	2 puffs every 4 hours as needed					
aspirin 81 mg	1 daily					
beclomethasone HFA 40	2 puffs twice daily					
carvedilol 25 mg	1 twice daily					
chlorthalidone 25 mg	1 daily					
citalopram 20 mg	1 daily					
gabapentin 600 mg	1 twice daily					
insulin glargine 28 units	28 units at bedtime					
losartan 100 mg	1 daily					
metformin 1000 mg	1 twice daily					
naproxen 500 mg	1 twice daily					
omeprazole 40 mg	1 daily					
prednisone 20 mg	2 daily					

3 To support detailed decision making use a detailed interactive table that is compact, easy to read, and quickly sortable and searchable:

MEDICATIONS Today, 18 Sept 2013	ситент (16)	all (23)	show brand pm		timeline export					O.
Medication ▼	Dose	Frequency	Quantity R	tefills	Condition	Provider	Prescribed	2011 2012 2013	2014	Renew by
albuterol HFA	2 puffs	q4hprn		12	Asthma	Belden MD	12 Jan 2010	-		22 Nov 2013
aspirin	81 mg	1 d			Diabetes	ОТС				
beclomethasone HFA	2 puffs	bid		12	Asthma	Belden MD	19 Feb 2011			19 Sep 2013
carvedilol	12.5 mg	1 bid	90	3	Hypertension	Belden MD	12 Jul 2010			20 Feb 2014
chlorthalidone	25 mg	1 d	90	3	Hypertension	Belden MD	19 Sep 2006			19 Sep 2013
citalopram	20 mg	1 d	90	3	Depression	Shoyinka MD	23 Nov 2009		_	22 Nov 2013
gabapentin	600 mg	1 bid	60	11	neuropathic pain	Belden MD	19 Apr 2012	-		22 Nov 2013
insulin glargine	28 u	daily	90	11	Diabetes	Brietzke MD	19 Nov 2012	_		19 Sep 2013

4 To support an understanding of the time course of treatment, use an interactive timeline that shows dose (relative to maximum dose) at a glance:

