

ONC Med List Usability Work Stream Handout

On Thursday, March 16th the Usability Work Stream will discuss layout & format enhancements for Med List Apps. Specifically, the points below have been prioritized for discussion.

- **Use a simple, usable format with language and terms that can be easily understood.**
- **Provide a centralized, master medication list for management.**
- **Provide a method for visualization that supports the patient to more easily identify the medications.**
- **Support multiple levels of views for the med list that allows for drill-down specificity (i.e. patients should be able to control the view to filter as needed such as viewing medications by the required date and time for dosages).**

During the call we will view the current state of med list apps and discuss best practices for layout & format that may be used to enhance the future state functionality. You are encouraged to share any references or resources that will inform the discussion. Feel free to log in and drop them in the shared folder [here](#). The JAMIA systematic review on med rec and AJMC article on illustrated med lists have already been uploaded. The information below is also available [Usability Work Stream](#) collaborative site.

For your information, the mock patient med list scenario that apps will show on Thursday's call is below. The narrative description of "Mary A" is followed by a table of medication information available in three separate "provider" clinical systems where "Mary A" receives care. App developers will show you the consolidated view of "Mary A's" meds on the call. You may view the full FHIR specs for this test scenario by logging in [here](#).

Patient Scenario: "Mary A" Managing Medications from Multiple Doctors

Mary A is 78 years old, has had Epilepsy for over 20 years, hypertension, severe arthritis in both knees, asthma since childhood and mild depression that her daughter gives her St John's Wort for. Mary is seen by three different physicians in three different clinics: Her primary care doctor, Dr. Prikar, her respiratory specialist, Dr. Respa is at DHH Respiratory Clinic and her neurologist, Dr Synapz is at University Neurology Clinic.

Unfortunately, Mary's longtime primary care physician is retiring and closing the office. Mary has requested her medication lists from each of her current doctors. Mary wants to review them with her new primary care doctor, Dr. Aiker, tomorrow afternoon when she goes in for their first visit.

Medication	Dispense QTY	Qty Units	Refills	Instructions	Date	Input	Status
"BMC" Record							
Zestril(lisinopril) 20mg tablet	90	tablets	4	1 tablet (20mg) daily.	5/5/2014	Prescribed by Dr. Prikar	Active
hydrochlorothiazide 50mg tablet	90	tablets	3	1 tablet (50mg) every morning.	5/5/2014	Prescribed by Dr. Prikar	Active
ibuprofen 400mg tablet	100	tablets	3	1 tablet (400mg) every 6 hours for pain.	6/1/2016	Prescribed by Dr. Prikar	Active
St John's Wort 1000mg capsule				2 capsules daily by mouth	5/2/2015	Patient Self Report	Active
Ibuprofen 400mg Tablet				400mg by mouth every 6 hours as needed for pain. Take with food only as I need it for my knee pain. No more than 8 tablets per day.	6/15/2016	Patient Self Report	Active
"DHH" Record							
Singulair(montelukast) 10mg oral tablet	30	tablets	11	Take 1 every night at bedtime.	7/3/2016	Prescribed by Dr. Respa	Active
prednisone oral 10mg tablet	10	tablets	0	Take 30mg by mouth every morning.	4/5/2016	Prescribed by Dr. Respa	Active
Proventil(albuterol) inhaler	2	inhaler	6	two puffs every 4 hours as needed to relieve asthma symptoms	1/12/2016	Prescriber by Dr. Respa	Active
Symbicort(budesonide/f ormoterol	2	inhaler	6	Inhaler Two inhalations every 12 hours	2/10/2015	Prescribed by Dr. Respa	Active
ibuprofen oral				400mg every 6 hours for pain.	6/27/2016	Practitioner recorded	Active
Zestril(lisinopril) 20mg tablet				1 tablet daily.	5/11/2014	Practitioner recorded	Active
hydrochlorothiazide 50mg tablet				1 tablet daily.	5/11/2014	Practitioner recorded	Active
St John's Wort oral				2 capsules daily by mouth	5/17/2015	Practitioner recorded	Active
"UNC" Record							
Tegretol(carbamazepine) 200mg tablet	150	tablets	11	3 tablet (600mg) by mouth every morning and 2 tablets (400mg) every evening	1/15/2016	Prescriber by Dr. Synapz	Active
Tegretol(carbamazepine) 200mg tablet	120	tablets	3	2 tablet (400mg) by mouth every morning and 2 tablets (400mg) every evening	4/5/2016	Prescriber by Dr. Synapz	Complete
Tegretol(carbamazepine) 200mg tablet	180	tablets	0	3 tablet (600mg) by mouth every morning and 3 tablets (600mg) every evening	1/12/2016	Prescriber by Dr. Synapz	Complete
ibuprofen oral				600mg every 6 hours for pain.	7/27/2016	Practitioner recorded	Active
Zestril(lisinopril) 20mg tablet				1 tablet daily.	5/30/2014	Practitioner recorded	Active
hydrochlorothiazide 50mg tablet				1 tablet daily.	5/30/2014	Practitioner recorded	Active
St John's Wort oral				3 capsules daily by mouth	6/17/2015	Practitioner recorded	Active

