

OSEHRA CONFERENCE

Sept 2013

The Value of Patient-Generated Data

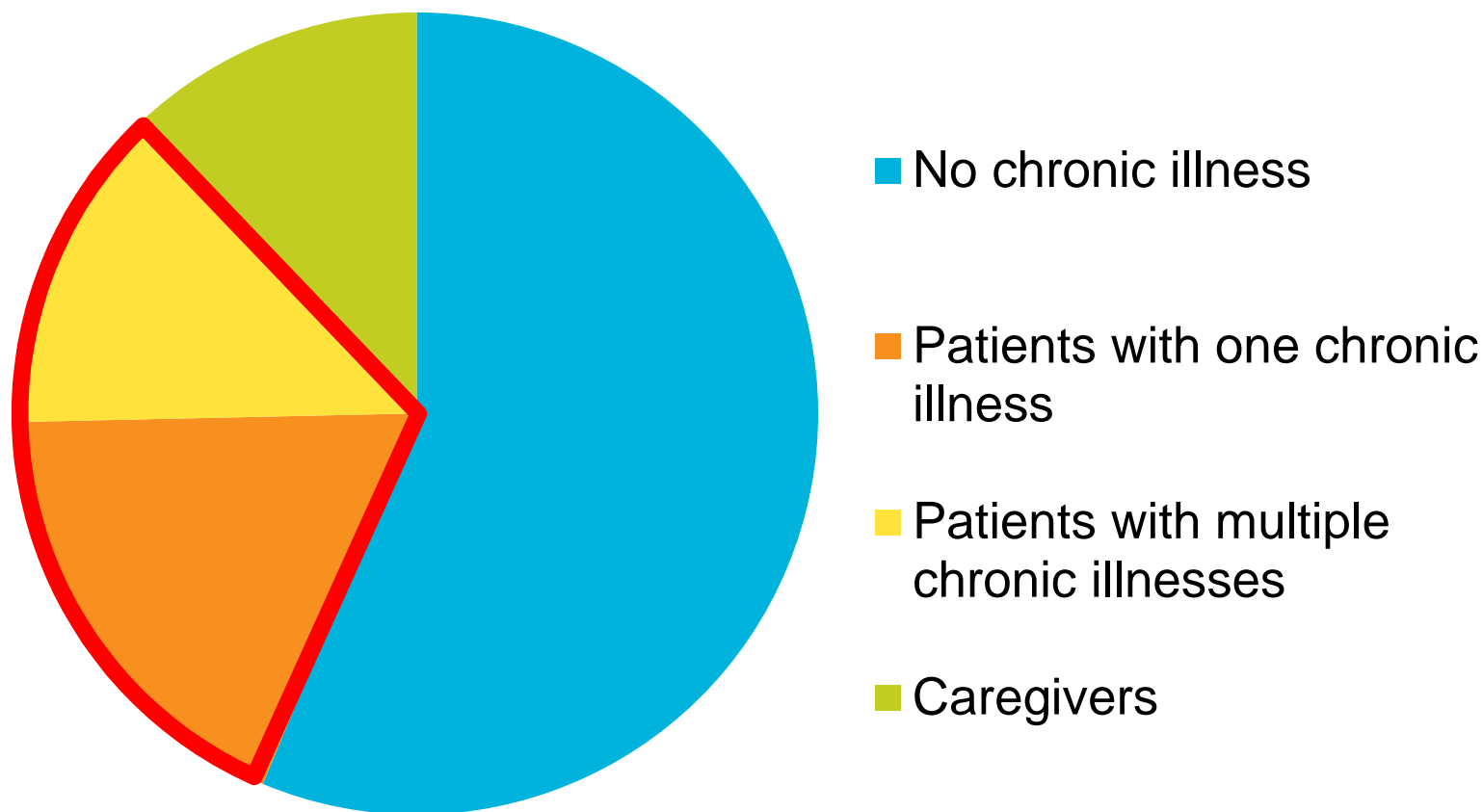
Kristina Sheridan
MITRE
ksheridan@mitre.org







Chronic Illness



Almost one in three people in the US manage at least one chronic illness
More than three in four of US healthcare dollars are spent on their behalf

Data extrapolated from

1. Wolff JL, Boult C, Boyd C, Anderson G . *Newly reported chronic conditions and onset of functional dependency. J Am Geriatr Soc* 2005;**53**:851–855.
2. Bodenheimer, T., Chen E., Bennett, H. *Health Affairs* 28, no. 1 (2009): 64–74; 10.1377/hlthaff.28.1.64
3. AARP Public Policy Institute. *Insight on the Issues, November 2008: Valuing the Invaluable: The Economic Value of Family Caregiving, 2008 Update*

Patient-Provider Partnership



**Well-informed,
Engaged
Patient**



**Compassionate,
Informed Care
Team**



**BEST
CARE**
Partnership

Patient Toolkit Application

EASY

- Collects data without adding burden

EFFECTIVE

- Presents data in concise, meaningful way

PATIENT-CENTRIC

- Enables patients to partner with providers

Tracking Symptom Severity Data

Carrier 12:15 PM 100%

Patient ToolKit Charlie

Managing My Day : Symptom Tracking Intake

General

Flu-like or viral-like illness

Headache

Body aches

Rash

Tick attachment

Animal bite

Insect bite

Cuts

Constitutional

Weight loss or gain

Appetite changes (increased or decreased)

Fatigue, profound and impairs daily function

Carrier 12:15 PM 100%

Patient ToolKit Charlie

Managing My Day : Symptom Tracking

Report date: 12/21/2012 12:08 PM

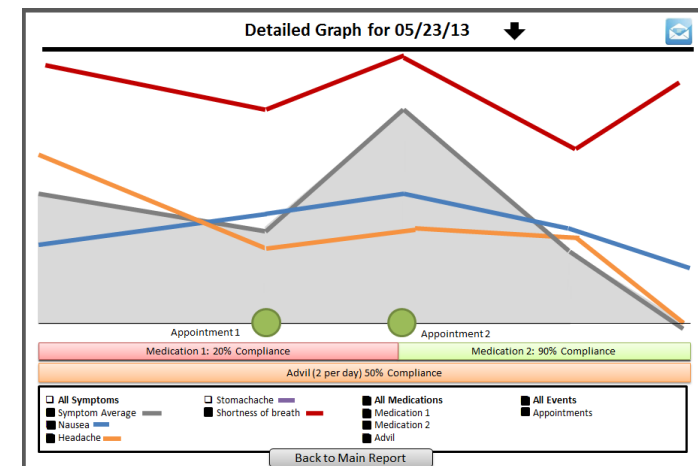
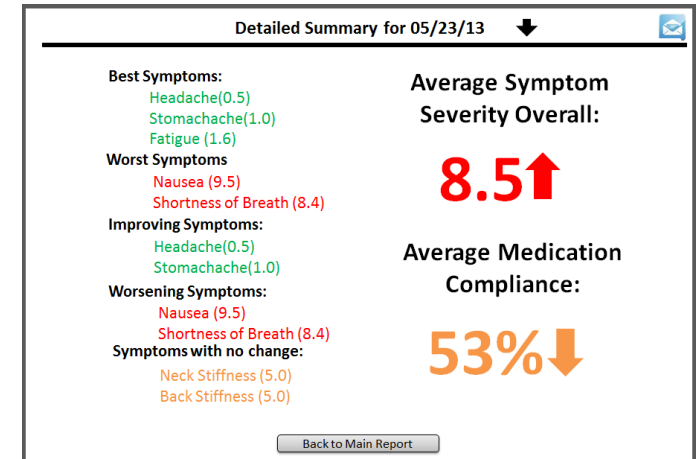
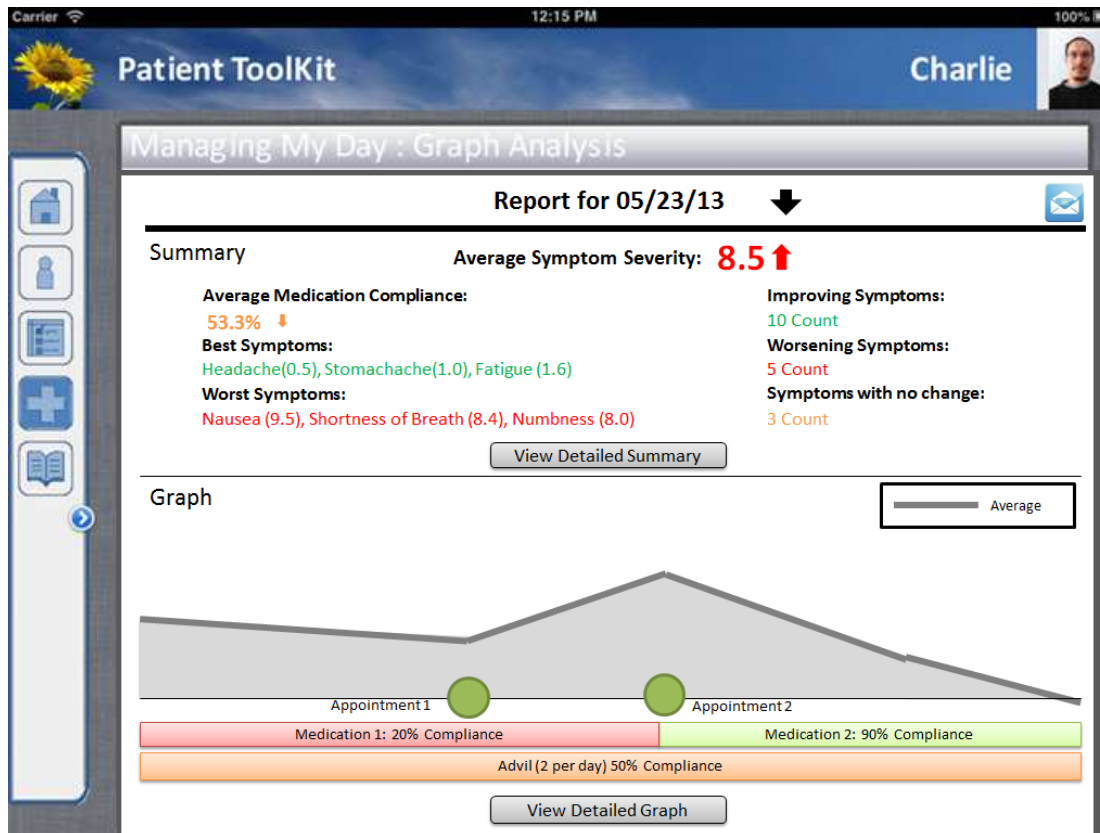
My Symptom Tracker

Abdominal pain	0	1	2	3	4	5	6	7	8	9	10
Back pain	0	1	2	3	4	5	6	7	8	9	10
Fainting spells	0	1	2	3	4	5	6	7	8	9	10
Fatigue	0	1	2	3	4	5	6	7	8	9	10
Fever	0	1	2	3	4	5	6	7	8	9	10
Headache	0	1	2	3	4	5	6	7	8	9	10
Runny nose	0	1	2	3	4	5	6	7	8	9	10
Swollen joints	0	1	2	3	4	5	6	7	8	9	10

Collecting Accurate Compliance Data



Providing Concise, Meaningful Visualization



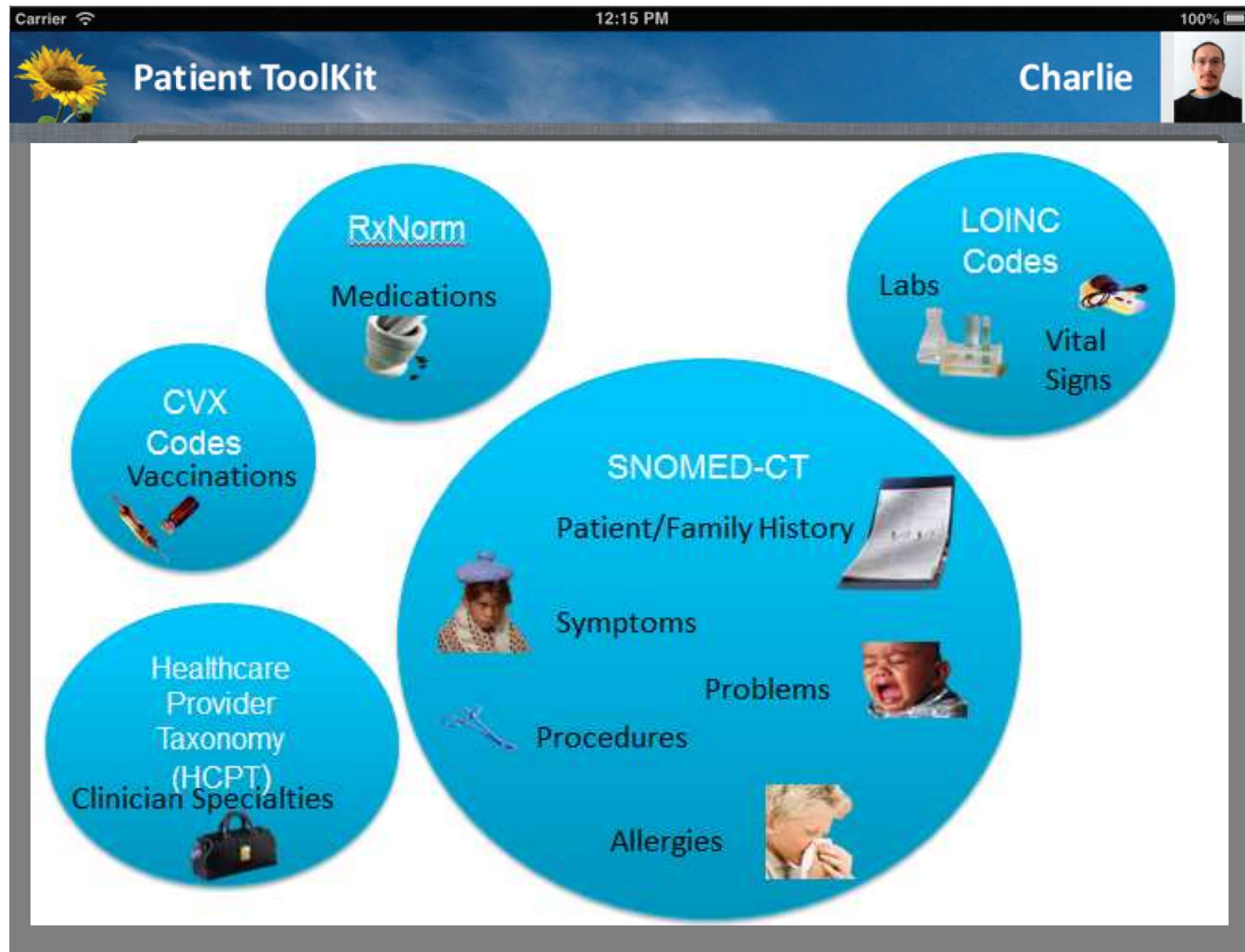
Designing to Reduce Burden on Patients



Supporting Patient-Provider Communication



Enabling Integration of Data



Resulting in Best Care Partnership



Improved health outcomes at lower cost