

Setting, participants, & procedures

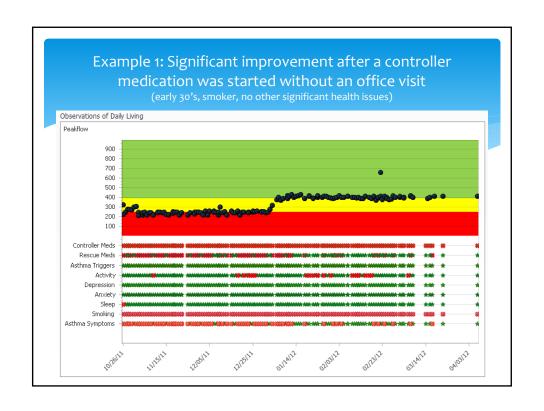
Field testing preceded by user centered design process

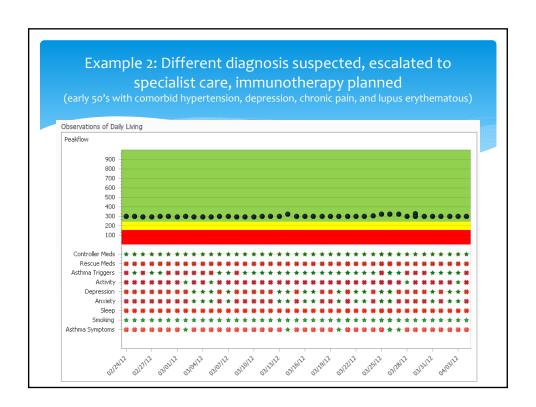
Patients

- * Thirty patients with moderate to severe asthma
- Predominantly black women
- * 24 with household income of \$30,000 or less
- * 18 with high school degree or less educational attainment
- * Entered ODL data at time of day of their choice
- * Each given smartphone and 6 months phone/data service

Practices

- * Two inner-city practices in Richmond, VA
- * 13 family physicians
- * 7 nurses
- * Practice in doc/nurse teams
- Nurses used protocol to assess dashboard data and escalate to clinicians when appropriate
- * Practices paid \$500 to monitor each patient for 6 months





Impact

- * Patients:
 - * Easy to use
 - * Enjoyed collecting and viewing ODLs
 - * Understood their asthma control and triggers better
- * Clinicians:
 - * Not overwhelming
 - * Provided clinically useful information
 - * Patient education opportunities
 - * Therapy escalated
 - * Diagnoses changed