The Value of Patient-Generated Data

Kristina Sheridan
MITRE
ksheridan@mitre.org
Empowerment

Patient

PHR Active
Medical-records

Engage
Attitude

Proactive
Empowered

Wellness

Goals

Access EHR

Contributing

Caregiver

Connecting

Action

Shared-Decision-Making

Care

Provider

Activation
Care-Team

Contributor

Patient-Generated Data

Engaged Consumer Partnership

Data
Reality for Patients and Caregivers
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
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
Collecting Accurate Compliance Data
Providing Concise, Meaningful Visualization
Designing to Reduce Burden on Patients
Supporting Patient-Provider Communication
Enabling Integration of Data

Diagram showing various medical data integration systems:
- RxNorm: Medications
- LOINC Codes: Labs, Vital Signs
- CVX Codes: Vaccinations
- SNOMED-CT: Patient/Family History, Symptoms, Problems, Procedures, Allergies
- Healthcare Provider Taxonomy (HCPT): Clinician Specialties
Resulting in Best Care Partnership

Well-informed, Engaged Patient + Compassionate, Informed Care Team = BESTCARE Partnership

Improved health outcomes at lower cost