



Using HealthMeasures in Epic

September 2017

Patient Reported Outcomes (PROs)

PROs at Northwestern Medicine

- Computer Adaptive Tests integrated with Epic
- Questionnaires can be completed at home in Epic MyChart (patient Web portal)
- Questionnaires can be completed in the clinic using Epic Hyperspace:
 - By patient
 - By clinician on behalf of patient

Ortho – Total Knee and Hip Arthroplasty Pre- and Post- Surgery Questionnaires

PROMIS Domains for Ortho Surgery

- Physical Function
- Pain Interference
- Pain Intensity
- Ability to Participate in Social Roles and Activities

Assessment Criteria Utilized

- Patient population manually selected, questionnaire assigned via Epic order

Overall Functionality

- Questionnaire series sent on set schedule: 3 weeks, 6 weeks, 3 months, 6 months, 1 year, 2 year
- MyChart patients sent notification of questionnaire assignments and reminder if not completed in timely fashion
- Patients can take assessment at home via MyChart or in clinic via Epic Hyperspace
- No anticipated disruption to regular clinic workflow
- Real-time access for clinicians to results and data within Epic

Cancer Center Distress Screening Assessment

PROMIS Domains for Cancer Center

- Physical Function
- Pain Interference
- Fatigue
- Anxiety
- Depression

Assessment Criteria Utilized

- Patient population automatically selected by ICD-10 code

Overall Functionality

- Assessment sent no more than 1x per month (3 days in advance of appt)
- MyChart patients sent notification of questionnaire assignment
- Patients can complete assessment at home via Epic MyChart or in clinic via Epic Hyperspace
- No anticipated disruption to regular clinic workflow
- Abnormal scores trigger In Basket messages to appropriate providers/pools
- Real-time access for clinicians to results and data within Epic

Epic Specifics

Build and Workflow

1. Questions and Scoring Questions (not using HTML, score ranges/definitions)
2. Question Groups (PROMIS domains)
3. Questionnaire (patient friendly name, optional notification rules)
4. Questionnaire Series (intervals, optional reminders)
5. Complete questionnaire in clinic (by patient or clinician, no BACK button)
6. Viewing results of completed questionnaires (Synopsis, SnapShot, Encounter)



Questions?

Thank you!