Top Barriers/Challenges and Recent Generalizable Lessons Learned

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## Barriers Scorecard

<table>
<thead>
<tr>
<th>Barrier</th>
<th>Level of Difficulty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrollment and engagement of patients/subjects</td>
<td>X</td>
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<tr>
<td>Engagement of clinicians and Health Systems</td>
<td>X</td>
</tr>
<tr>
<td>Data collection and merging datasets</td>
<td>X</td>
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<tr>
<td>Regulatory issues (IRBs and consent)</td>
<td>X</td>
</tr>
<tr>
<td>Stability of control intervention</td>
<td>X</td>
</tr>
<tr>
<td>Implementing/Delivering Intervention Across Healthcare Organizations</td>
<td>X</td>
</tr>
</tbody>
</table>

1 = little difficulty  5 = extreme difficulty
The Cancer Care Continuum

Primary Aim

- Fecal Immunochemical Test

Secondary Aim

Is result positive?

- Follow-up colonoscopy

Treatment

Secondary Aim

Screening colonoscopy

Re-testing at recommended intervals
Data challenge #1: Colonoscopy capture

- Colonoscopy is performed in hospitals and ambulatory surgical centers, not primary care.
- Colonoscopy data capture is incomplete; no discrete data field; found in problem list, surgical history, etc.
- Study encouraged use of Health Maintenance to track recent colon cancer screening.
- Changes in practice patterns has introduced challenge in distinguishing incident and historical colonoscopies – this may impact our secondary outcome ‘any CRC screening’

**What we are doing?** Abstracting charts of patients who have a positive FIT result (n = 1248 to-date), plus charts of patients with and without colonoscopy.
Data challenge #2: Missing data

- If FIT was mailed by a Medicaid Health Plan, the order and result may not be in the primary care record.

- **What are we doing?** Determining if we can use claims data from some Medicaid Health Plans to cross-reference.
Data challenge #3: Tests not properly completed

- Some FIT tests were not completed properly and not processed!

- **What are we doing?** Noting it as a limitation.
PDSA #2: Improving FIT sample collection

Improperly collected FIT tests: Plan-Do-Study-Act Cycle

- N collection date missing
- N improperly collected - other

Plan-Do-Study-Act Cycle

Source: Multnomah County Health Department
Data challenge #4: Denominator problems

- For our secondary outcome – FIT testing in Year 2 – we do not know if a patient in a given clinic who completed a test in Year 1 is an active patient. (Our data are from community clinics; thus, there is no accurate definition of ‘enrolled’.)

- **What are we doing?** Analyzing data in two ways: (1) FIT test completion among all who completed FIT in the past year and (2) FIT test completion among all who completed FIT in the past year and had a clinic visit in the past 12 months.
STOP CRC by the numbers…

- **18+** STOP CRC papers published
- **60+** STOP CRC presentations delivered
- **95** health systems have access to STOP CRC EMR tools (Epic)
- **2** state health departments receive Technical Assistance based on learnings from STOP CRC
Questions?