**CRC Screening: Findings from the CRCCP**

**Cost-Effectiveness of Multiple Interventions**

**STUDY QUESTIONS**

In 2015, CDC funded the Colorectal Cancer Control Program (CRCCP) to increase colorectal cancer (CRC) screening. The Colorado Department of Public Health and Environment (CDPHE) administered a Clinic Quality Improvement (CQI) initiative in two federally qualified health centers (FQHCs) serving low-income populations.

1. Is there improvement in CRC screening uptake?
2. How many new patients are up-to-date with CRC screening?
3. Can the intervention be implemented cost-effectively in FQHCs?

**INTERVENTION & RESULTS**

The CQI initiative assesses clinical capacity for CRC screening, modifies processes, and carries out evidence-based interventions (EBIs). For the two FQHCs in this study, CDPHE assessed changes in CRC screening rates and the cost-effectiveness of carrying out EBIs over a 2 year period in FQHC System 1 and over a 3 year period in FQHC System 2.

**FQHC System 1**

- Mailed patient reminders w/ FIT (fecal immunochemical test) kits
- Provider reminders
- Provider assessment & feedback
- Supporting activities*

CRC SCREENING RATE INCREASE

<table>
<thead>
<tr>
<th>Percentage Points</th>
<th>Patients Screened</th>
<th>Cost per Person Screened</th>
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</thead>
<tbody>
<tr>
<td>18</td>
<td>2,533</td>
<td>$24</td>
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**FQHC System 2**

- Provider assessment & feedback
- Supporting activities*

CRC SCREENING RATE INCREASE

<table>
<thead>
<tr>
<th>Percentage Points</th>
<th>Patients Screened</th>
<th>Cost per Person Screened</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>943</td>
<td>$29</td>
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*Example: Strengthening CRC-related policies and procedures

**IMPLICATIONS FOR PUBLIC HEALTH**

- CRC screening rates increased in FQHCs implementing multiple EBIs as part of the CQI initiative.
- These EBIs can be implemented cost-effectively in FQHCs.