Increasing Colorectal Cancer Screening Among Hispanic Primary Care Patients: RE-AIM Analysis

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Table 1. RE-AIM Framework for CRC RCT

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| Table 2. Summary of Completed Navigation and Follow Up (*Interim) |
|------------------|-----|-----|-----|-----|-----|
| Navigation Call Attempt (n of calls) | 105 | 1 | 11 | 3.4 | 7.3 |
| Duration of Navigation call (minutes) | 105 | 0 | 80 | 30.5 | 30.4 |
| With DCP (minutes) | 115 | 0 | 80 | 31.9 | 12.0 |
| Without DCP (minutes) | 90 | 0 | 44 | 9.4 | 11.8 |
| Total Call time (in attempt, navigation call, and follow up (minutes) | 105 | 0 | 88 | 34.7 | 20.3 |

RESULTS

- **Reach**
  - 14% of eligible participants agreed to participate
  - 3 of the 5 sites had greater participation
  - Participation was higher for younger individuals (ages 50-59)

- **Effectiveness**
  - Screening adherence rates are currently under evaluation

- **Adoption**
  - 100% of invited practices (n=5) agreed to participate
  - Engagement of a longitudinal PASAC (n=8 PASAC meetings)

- **Implementation**
  - Study team enrolled 400 participants
  - 200 participants received the DSNI (See Table 2), literacy challenges noted
  - Assessment of staff satisfaction is pending qualitative analysis

- **Maintenance**
  - Further plans for health system implementation are pending adaptation and localization to include other minority populations

DISCUSSION

- Generalizability may be affected by overrepresentation of participants who are younger and receive care in certain practices
- Adoption by the 5 participating practices was 100%
- Engaging practices, the PASAC, and the health system in the implementation process is feasible
- Literacy and challenges with conceptual issues were identified and may warrant tailoring of the decision support for this population

CONCLUSIONS

- Additional strategies may be needed to engage patients older than 60
- Further adaptation is needed to address literacy challenges and to include other minority populations
- Evaluating the population-level impact of the multilevel intervention will inform dissemination of decision support and navigation