

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

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

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BACKGROUND / INTRODUCTION

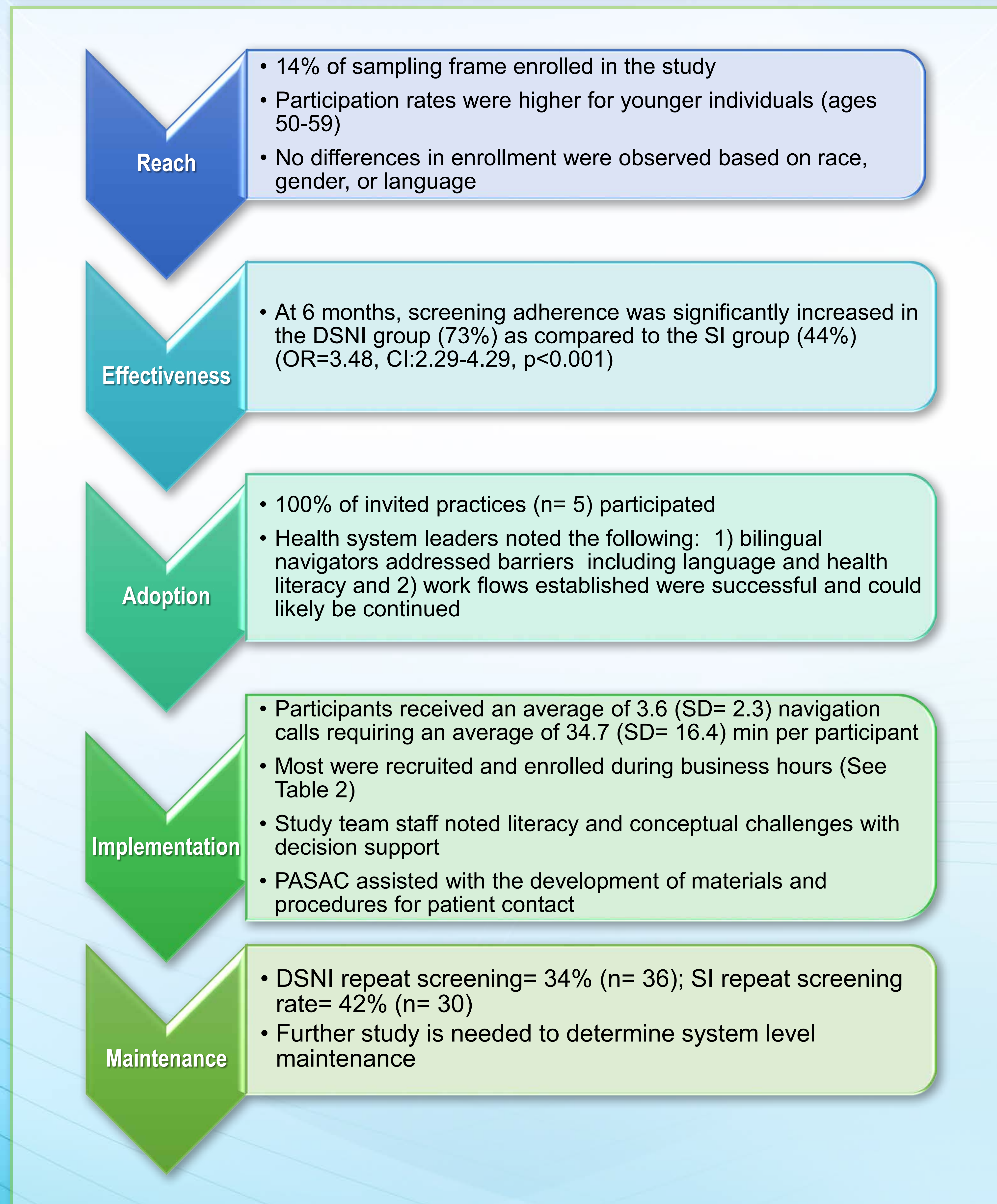
- Hispanic adults experience disparities in rates of colorectal cancer (CRC) screening and are more likely to be diagnosed with advanced CRC.¹
- The RE-AIM framework is being applied to a Randomized Controlled Trial including a multilevel Decision Support and Navigation Intervention (DSNI) as compared to a standard mailed intervention (SI) for CRC screening in Hispanic primary care patients.

METHODS

- Application of the RE-AIM framework for the final evaluation of a RCT of a CRC screening intervention for Hispanic patients (n= 400) as follows:

RE-AIM	OUTCOME MEASURES
Reach	Characteristics of study participants as compared to sampling frame within 5 primary care practices
Effectiveness	Screening adherence
Adoption	Number of practices enrolled Health system leader interviews
Implementation	Quantitative data pertaining to patient contacts Study team staff satisfaction Patient and Stakeholder Advisory Committee (PASAC) recommendations
Maintenance	Rates of rescreening for participants electing stool blood test (SBT) <i>*System level maintenance not measured due to study characteristics</i>

RESULTS



RESULTS, cont.

Contact Strategies	Sampling Frame	Patients Contacted	Patients Enrolled	Recruitment Call Contact Rate	Study Enrollment Rate
	N	N	N	%	%
Contacts during Business Hours	2509	1347	381	24.0	15.2
Contacts Outside of Business Hours	120	62	19	16.6	15.8
TOTAL	2629	1409	400	23.5	15.2

CONCLUSIONS

- RE-AIM framework allowed for evaluation of population-level impact of intervention and will be utilized to inform health system dissemination.
- DSNI was effective, required modest time and effort to deliver, and was accepted by participant practices.
- Further study is needed to explore health system maintenance.

References:

1. The American Cancer Society. Cancer Facts and Figures for Hispanics/Latinos 2012-2014. [Internet] 2012; Available from: [https://www.cancer.org/content/dam/cancer-org/research/cancer-facts-and-statistics/cancer-facts-and-figures-for-hispanics-and-latinos/cancer-facts-and-figures-for-hispanics-and-latinos-2012-2014.pdf](https://www.cancer.org/content/dam/cancer-org/research/cancer-facts-and-statistics/cancer-facts-and-figures-for-hispanics-and-latinos/cancer-facts-and-figures-for-hispanics-and-latinos/cancer-facts-and-figures-for-hispanics-and-latinos-2012-2014.pdf)

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