

Research Summary: Partner and Equity Data-Driven Implementation (PEDDI) to Improve Cancer Screening Equity

- **What is PEDDI:** PEDDI is a guided process that CHC teams can use to identify gaps in cancer screening outreach (who is not getting reached) and intervention (who is not benefiting) and make practical and feasible adaptations to address those gaps.
- **PEDDI Goal:** To improve outreach and intervention in underserved groups for evidence-based cancer screening.
- **How was PEDDI designed to fit CHCs:** PEDDI uses existing resources and processes at CHCs, for example, routinely collected data and rapid cycle testing to drive change.



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WHO PARTICIPATED

15 CHC team members participated, including quality improvement staff, community health workers, clinical staff, and population health and preventive services staff.



WHAT WE DID



- Our I-Lab and Methods Unit partnered with four CHCs to develop and pilot test PEDDI as an implementation strategy for colorectal cancer screening using FIT.
- External facilitator supported the CHC teams during the trial, and PEDDI was then used to improve health equity, with facilitation sessions lasting 8 months.
- Used quantitative survey and focus group data to evaluate the feasibility of PEDDI.

WHAT WE LEARNED

- Guided review of data helped CHC teams identify and prioritize actionable gaps in CRC screening outreach.
- Based on the data on gaps, CHC teams adapted outreach strategies and FIT instructions so they were tailored to patient's language preferences.
- Rapid cycle testing methods may need to be modified to be a feasible approach for evaluating adaptations in the CHC settings.

Next steps: Improve the usability of PEDDI for improving cancer screening equity in partnership with CHC implementation team.

