

ColonCheck Manitoba Phase 1 Summary of Results



The goal of Phase 1 was to assess the feasibility and acceptability of an organized approach to colorectal cancer screening using the fecal occult blood test (FOBT).

Key Activities

- Between April 2007 and September 2009 the program invited 24,557 individuals from Winnipeg and Assiniboine Regional Health Authorities (RHAs) to complete the Hemocult II Sensa FOBT.
- MB Health Population and billing data were used to identify eligible individuals age 50 to 74 with no record of colonoscopy in the past 5 years and no FOBT in the past year.

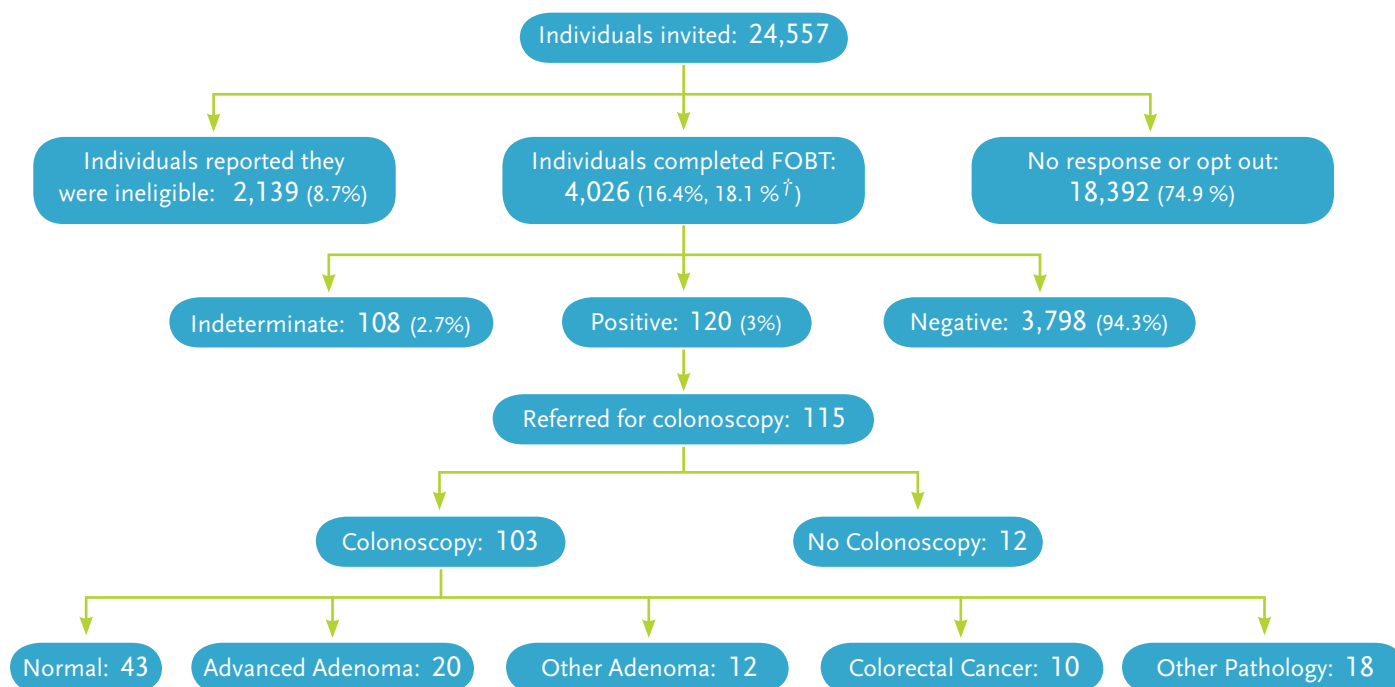
Participation

- Overall 18.1% of people completed and returned the FOBT. Participation rates were higher among females (18.4%) than males (13.6%).
- Participation rates varied by method of recruitment.

Participation was higher when individuals received the test through the Manitoba Breast Screening Program (25%) or when an individual requested it (60%).

Abnormal Results & follow up

- 3% of the tests analyzed were positive.
- A total of 20 individuals were diagnosed with an advanced adenoma and 10 individuals were diagnosed with colorectal cancer (adenocarcinoma).
- The positive predictive value (PPV) of the FOBT was 16.7% for advanced adenoma and 8.3% for colorectal cancer.
- The detection rate of advanced adenomas was 4.97/1000 screened and of cancers was 2.48/1000 screened.
- The staging of the 10 cancers was: 1 insitu, 3 Stage I, 5 Stage IIA, and 1 Stage IIIC.
- The median wait time from date the FOBT was analyzed to colonoscopy was 12 weeks.



Province Wide Expansion

ColonCheck Manitoba is continuing to invite eligible individuals through direct mail, the Manitoba Breast Screening Program, and on request. The program is also collaborating with family physicians and other primary care providers to distribute tests. Contact us if you are interested in collaborating.

† Adjusted for eligibility. People who reported that they were ineligible or who were reported as deceased by Manitoba Health were removed.