

Development of a Quality Determinants Framework for Colorectal Cancer Screening in Canada

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Background

2002 Canadian National Committee on Colorectal Cancer Screening key recommendations for colorectal cancer screening in Canada:

- CRC screening be available to Canadians via organized, high quality, safe, effective and efficient programs
- A screening pathway be developed, including a fecal test as entry level test
- A defined interval for screening be specified
- Abnormal results of the entry level test are followed up with a more definitive test (colonoscopy)

Background

- Since 2007 organized CRC screening programs have been gradually implemented targeting 50-74 year-olds/biennial screening
- CRC screening programs in Canada will vary in their approaches, models and policies
- All jurisdictions will monitor the effectiveness and quality of their programs
- Unique opportunity for a “natural experiment” where quality indicators can be compared

Background

- Working Group initiated in November 2008 by Dr Heather Bryant
- Membership representing gastroenterology, surgical oncology, biochemistry, pathology, research, screening implementation, epidemiology and screening programs (NL, QC, ON, MB, AB)

Mandate

To develop a document on quality determinants and indicators for CRC screening in Canada, focused on creating outcomes that are nationally comparable.

Methodology

- **Quality Determinants**
are conceptual; they cannot be measured directly
- **Quality Indicators**
are measures of quality determinants that operationalize these concepts as practical, quantifiable and reliable parameters

CLIENT CENTERED APPROACH

Participation

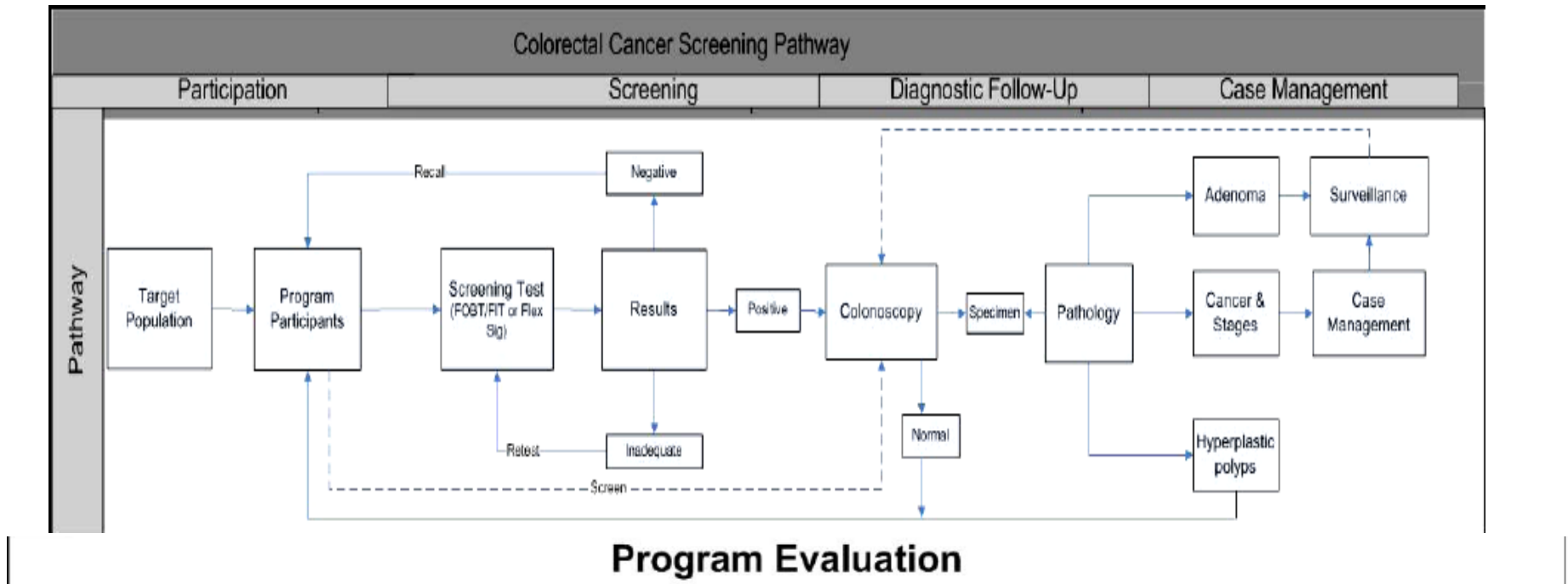
Screening

Diagnostic follow-up

Case management

Outcomes / Evaluation

Methodology



Methodology

Perspectives for the development of key determinants/indicators in CRC screening in Canada:

International

National

Provincial



high level

Local

Case-based

Consensus building process

Consultation with Canadian Experts

- May 2008 NCCSN Workshop: recommendations
- April 2009 QD Forum: consensus on a set of Core Quality Determinants / Indicators based on client screening pathway

Consensus building process

- Draft document sent to attendees 2 weeks prior to Pan-Canadian Forum (April 2009)
- Attendees pre-assigned into 2 separate breakout sessions with **facilitators**

Session 1: Multidisciplinary Groups

Session 2: Targeted Expertise by domain:
Participation, Screening, Diagnostic Follow up/
Case Management, and Outcomes

- Breakout sessions followed by summary presentations back to **plenary**

Results

- 40 suggested indicators reduced to 18
- Improved/revised colorectal cancer screening client pathway and related quality indicators
- Comments and suggestions provided in all domains

Next steps

- Completion of the Framework document
- External reviewers (Summer 2009)
- Editing, printing, diffusion of the Framework document (Fall 2009)

Next steps

- Define a process for adoption of the quality determinants
- Develop an initial Report on quality indicators in colorectal cancer screening in Canada
- Clinical services provided to symptomatic or cancer patients will also benefit from the adoption of quality elements for services associated with CRC screening programs

This document is a preliminary step in
an ongoing iterative process

THANK YOU!

Working Group Members ...

- Dr. Heather Bryant, Vice President, Cancer Control CPACC and Chair of NCCSN
- Dr. Ford Bursey, Gastroenterologist, Faculty of Medicine, Memorial University St John's, Newfoundland
- Dr. Bernard Candas, former Coordonnateur scientifique de recherche, Québec and currently with CPAC
- Dr. Catherine Dube, Gastroenterologist, Forzani and MacPhail Colon Cancer Screening Centre, Calgary, Alberta
- Ms. Susan Fekete, Director Screening Action Group, CPACC Toronto, Ontario
- Dr. Diane Major, Chercheur scientifique senior, Responsable de l'Equipe lutte au cancer, Institut national de santé publique du Québec

Working Group Members, cont'd

- Dr. Curtis Oleschuk, Clinical Chemist, Diagnostic Services, Winnipeg Manitoba
- Dr Robert Riddell, Pathologist, Mt.Sinai Hospital, Toronto, Ontario
- Dr Ross Stimpson Surgical Oncologist, Medical Lead, Manitoba CRC Screening Program, Cancer Care Manitoba
- Dr. Huiming Yang, Medical Lead, Alberta Health Services CRC Screening Program and Screening Programs Director, Alberta Health Services
- Ms. Mary Anne Zupancic, Implementation Specialist/Manager, Alberta CRC Screening Program, Alberta Health Services