CRC screening from the viewpoint of its clients and patients – results of survey

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Colorectal cancer screening in the Czech Republic

- Client, asymptomatic person
- General practitioner, gynecologist
- Gastroenterologist, endoscopist
- FOBT
- Colonoscopy
Background

• **Results of colorectal screening programs presented from the viewpoint of stakeholders, care providers and endoscopists are common**

• **Studies describing the viewpoint of clients – the target population are rare**

• **Interview/questionnaire with direct care provider (GP, endoscopy) may be skewed**
Aims

• **I.: To acquire independent opinion from the viewpoint of CRC screening target population**
  - How I get an information regarding the CRC screening?
  - Why I participated (or did not) in the screening?

• **II.: To discover the troublesome points in the screening from the practical view of the clients**
Methods

• Anonymous questionnaires distributed to relatives of pregradual university students and to students of The University of the Third Age Masaryk University Brno (aged over 50)

• Pilot study - two surveys 2013, 2015

• Before/after the implementation of personalized invitations
Questionnaire

- Demography and CRC in family
- The sources of CRC program information
- Reasons for non-participation in the screening
- Practical troubles with screening tests realization
- Circumstances that can stimulate the participation
Results
Demographics

- Completed questionnaire from 325 persons:
  - 28% male, 72% female,
  - average age 65 years
- 110 relatives of students (response rate 31%)
- 215 students of U3A (direct pathway of questionnaires)
- CRC in family history in 50 (15.4%) of them
Sources of information

- **9 persons (2.7%)** never heard about CRC screening
- **Information sources from:**
  - Colleague, friend, family member - 25%
  - Doctor - 75%
  - TV, radio - 35%
  - Internet - 14%
  - Publicity stunt - 4%
  - Personalized invitation - 11% (25/215)
Sources of information about CRC screening

- GP
- TV, radio, newspaper
- Friend, colleague, family
- Internet
- Other physician
- Personalized invitation
- Publicity stunt
Reasons for non-participation in screening

• 52 (16%) responders did not participate in screening, their reasons were:
  o Lack of time- 40% (21)
  o Lack of interest in preventive examination 25% (13)
  o Fear of endoscopy- 35% (18)
  o Fear of positive result- 30% (16)
  o Non familiarity with the test performance- 6% (3)
Non-participation 16% (n=52)

- Lack of time: 40%
- Lack of interest: 20%
- Fear of endoscopy: 30%
- Fear of positive results: 25%
- Problems with test: 5%
Referred troubles with FOBT

- 248 (76%) persons with FOBT experience, (in 68 (27%) + followed by colonoscopy)
  - Inhibitions to manipulate with stool 19 (8%)
  - Inappropriate toilet bowl 36 (14%)
  - Difficulties in sample set manipulation 9 (3%)
Referred troubles with colonoscopy

• 85 patients, (17x primary colonoscopy)
• Fear of colonoscopy and fear of bowel preparation 70% (35%)
• Fear of positive result on endoscopy 53%
What can stimulate my participation?

- CRC in family
- Test by post
- Tools for stool catch
- More information about benefit
- Analgosedation during colonoscopy
Conclusions

- **One half of clients** experience the screening tests with no troubles

- **Fear of colonoscopy and fear of positive result on test** were the main referred problems for participation in regular screening

- **One quarter of responders** feel technical problems with stool catch
Suggestion for aiming of support

- Decrease the fear of examination
- Tools for easy stool catch
- Preference of primary colonoscopy with analgosedation

http://lifeintheboomerlane.com/2011/03/19/ask-me-about-my-colonoscopy/
Thank you for your attention

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