Best practices to improve access to screening – sharing experiences across Europe

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Participation in selected organised programmes
Participation in selected organised programmes

Toes-Zoutendijk, J Med Screen 2020
Participation in selected organised programmes

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Participation in selected organised programmes

- Netherlands: 70%
- Flanders: 50%
- France: 30%
- Basque country (Spain): 80%
- Basque departement (France): 15%
Evidence from literature
1. (Also) use FIT

- Trials in three large cities: Amsterdam, Rotterdam and Nijmegen (2009-2014)

After two rounds, yield of FIT >> other tests

Hol, Gut, 2010; Stoop, Lancet Onco, 2012;
1. (Also) use FIT

Randel et al, Gastro 2021
1. (Also) use FIT

Colorectal cancer and advanced adenoma detection rates among invited individuals in the sigmoidoscopy arm, FIT round 1, and FIT round 1-3

- Sigmoidoscopy (n = 69,195)
- FIT round 1 (n = 70,096)
- FIT round 1-3 (n = 44,016)

Gastroenterology

Randel et al, Gastro 2021
1. (Also) use FIT

12,485 individuals eligible for CRC screening

Random assignment

- Colonoscopy only (control)
- Colonoscopy and subsequent FIT for non-responders (sequential)
- Choice between colonoscopy and FIT (choice)

<table>
<thead>
<tr>
<th>Participation</th>
<th>Diagnostic yield of advanced neoplasia</th>
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<tr>
<td>17.5%</td>
<td>1.1%</td>
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<tr>
<td>25.8%</td>
<td>1.1%</td>
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<tr>
<td>26.5%</td>
<td>1.2%</td>
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Gastroenterology

Pilonis et al, Gastro 2021
2. Active invitation / mailed outreach

Adults aged 51-75
N=1,023,415 (100%)

Potentially eligible for FIT
n=617,452 (60%)

Mailed pre-letter 7 days prior to FIT

Mailed a FIT kit in 2017 on day 0
n=507,401 (50%)

Completed FIT within 28 days
n=206,481 (20%)

Selby et al, CGH 2020
3. Include the FIT in the invitation

4. Send a reminder letter

Rat et al, Eur J Cancer Prev 2018
5. Send an advance notification

Screening participation (%)

Van Roon et al. 2011
Cole et al. 2007
Mant et al. 1992

With advance notification
Without advance notification

Rat et al, Eur J Cancer Prev 2018
6. Involve GP (not to collect the test!)

![Graph showing screening participation with and without GP involvement.](image)


*Rat et al, Eur J Cancer Prev 2018*
Clear evidence

1. (Also) use FIT
2. Active invitation / mailed outreach
3. Include test with invitation
4. Send reminders
5. Send advance notifications
6. Involve GP (but not for collecting the test!)

But how to implement this practically?

→ Learn from each other’s experience
Objectives EU-TOPIA

To systematically evaluate and quantify the harms and benefits of running programmes for breast, cervical, and colorectal cancer in all European countries, and identify ways to improve health outcomes and equity for citizens.

To provide national, regional, and local policymakers with expertise and tools to evaluate and quantify their cancer screening programmes.
EU-TOPIA EAST

- Refunded for 5 years, starting 2021
- Focus on Eastern Europe, but also open to other European countries
- Organize interactive workshops for participants to:
  - Build capacity for self evaluation of screening programmes
  - Exchange experiences between countries
THANK YOU

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