Initial findings from the Scottish Bowel Screening Programme after changing to FIT

Judith Strachan
Consultant Clinical Scientist
NHS Tayside
Quantitative FIT in Scotland Timeline

- Quantitative FIT Pilot ran 2010-2011
- Business case submitted to Scottish Government June 2014
- Implementation planning between 2015 – 2017
- 80 ugHb/g faeces positivity threshold approved
- FIT ‘Go Live’ 20th November 2017 across Scotland
- Inviting 50-74 years old, 1 sample every 2 years
- Dual running of old and new algorithms
- FOBT functionality removed 14th January 2018
Communications

Scottish Bowel Screening Programme

Your bowel screening test kit instructions you will need...

1. Get ready
   Take your bowel from the front of this letter. Stick it on the side of the test marked with the +. Write the date you take the test on the other side.

2. Do it
   Twist the top of the test to open it and take a small sample of your poo, as shown here. Then make sure you follow the test. Mix the toilet paper or bag and bin any container you use.

3. Post it
   Put the finished tests in the envelope and post it as soon as possible.

Make sure that you have dropped your test in the post box, and return any test kits to your test kits return box.

How to do your test

Scottish Bowel Screening Helpline 0800 0121 833, open 9 am - 5 pm Monday - Friday, telephone (1800) 0800 0121 833.

Enquiries to 0800 0121 833

Scottish Bowel Screening Centre
Dundee DD3 8EA

Date: 10 August 2016
Reference No: 1234567890

Dear Forename Surname,

This is your bowel screening test kit. You will be sent a test every two years from aged 50 to 74.

The test works by finding hidden blood in your poo – this can be a sign of bowel cancer.

The sample included will tell you more about bowel screening.

You’ll get a reminder in six weeks if you haven’t taken a sample.

If (field for inserting date of birth) is not your date of birth, please call the helpline: 0800 0121 833.

Yours sincerely,

Professor Bob Steele, Clinical Director
Scottish Bowel Screening Centre

This little test could help save your life.

The bowel screening test: What you need to know.

- One sample
- Complete at home
- Results within two weeks

NHS Scotland

Healthier Scotland

Scotland
Challenges and lessons learned

IT
- Scoping / costs
- Delays
- Resource limitations
- UAT – bugs and change requests

Workforce
- Working over 2 sites
- Redeployment

Kits
- Screw-on lid
- Holes in the lid / instructions
- Labels
- Damaged post
- Old kits still being returned
Uptake and Positivity

UPTAKE %

POSITIVITY %

AGE/GENDER

<table>
<thead>
<tr>
<th>Gender/Age Band</th>
<th>FIT Positives</th>
<th>%Positivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>6183</td>
<td>2.6%</td>
</tr>
<tr>
<td>50-54</td>
<td>1151</td>
<td>2.1%</td>
</tr>
<tr>
<td>55-59</td>
<td>1051</td>
<td>2.4%</td>
</tr>
<tr>
<td>60-64</td>
<td>1106</td>
<td>2.6%</td>
</tr>
<tr>
<td>65-69</td>
<td>1410</td>
<td>2.9%</td>
</tr>
<tr>
<td>70-74</td>
<td>1415</td>
<td>3.2%</td>
</tr>
<tr>
<td>75+</td>
<td>50</td>
<td>3.8%</td>
</tr>
<tr>
<td>Male</td>
<td>7833</td>
<td>3.6%</td>
</tr>
<tr>
<td>50-54</td>
<td>1298</td>
<td>2.6%</td>
</tr>
<tr>
<td>55-59</td>
<td>1209</td>
<td>3.0%</td>
</tr>
<tr>
<td>60-64</td>
<td>1408</td>
<td>3.6%</td>
</tr>
<tr>
<td>65-69</td>
<td>1943</td>
<td>4.3%</td>
</tr>
<tr>
<td>70-74</td>
<td>1914</td>
<td>4.8%</td>
</tr>
<tr>
<td>75+</td>
<td>61</td>
<td>4.5%</td>
</tr>
<tr>
<td></td>
<td>14016</td>
<td>3.1%</td>
</tr>
</tbody>
</table>
Clinical Outcomes (Threshold 80µgHb)

Performance from 1st 353 Colonoscopies in Tayside

- PPV for Cancer
  19/353 – 5.4% (gFOBT 6.4%)

- PPV for High Risk Adenoma
  95/353 – 26.9% (gFOBT 5.7%)

- PPV for all neoplasia (CRC+HRA+LRA)
  177/353 – 50.1% (gFOBT 44.7%)

“Great new kit”

“Love your new kit, so much more user friendly”.

“Delighted with the new test - superfast service receiving result within a week”.