

WEO Vienna Expert Working Group FIT for Screening

Piloting new FIT programmes *Practice and politics of pilots*

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NHS
Cancer Screening Programmes


UK Bowel Biennial Cancer Screening

England – July 2006


- Guaiac FOBT two yearly
- Phase 1 60 - 69 year olds
- Phase 2 70 – 74

- Phase 3 55 - (59)
- Flexisigmoidoscopy

- Scotland – July 2007
- Wales – Oct. 2008
- N. Ireland – 2010



Evidence - Randomised Controlled Trials



**Mortality Reduction
Intention to Treat 16%
Performed test 23%**

| Reduction in... | UK | Italy | US | Norway |
|-----------------|-----|-------|-----|--------|
| Incidence | 23% | 18% | 21% | 20% |
| Mortality | 31% | 22% | 26% | 27% |

Bowel Cancer Oral Answers to Questions – Health 1999

£1.5 million p.a. 3 years for CRC screening pilot

Final Report
February 2003, revised May 2003

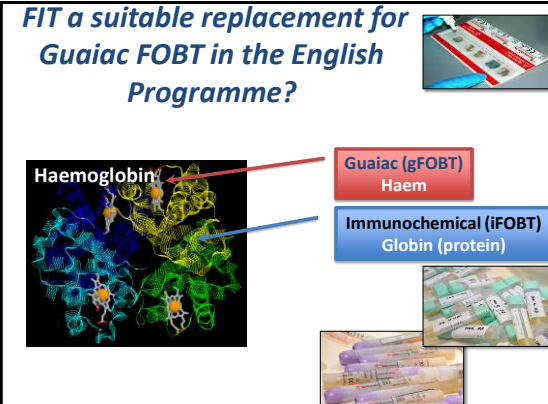
English Pilot of Bowel Cancer Screening: an evaluation of the second round.

Final Report to the Department of Health
February 2003 (Revised August 2003)

The UK CRC Screening Pilot Evaluation Team

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http://www.crcsc.nhs.uk/fit_evidence/uk_evidence/uk_evidence.html

FIT a suitable replacement for Guaiac FOBT in the English Programme?



Guaiac (gFOBT)
Haem

Immunochemical (iFOBT)
Globin (protein)

2007 Cancer Reform Strategy

Chapter 3: Diagnosing cancer earlier

3.34 We will continue to monitor research evidence on other new technologies closely, such as immunological FOBT and CT colography and will take the opportunity presented by the national screening programme to pilot new approaches.

NHS

- 2008 - Case to **evaluate** potential immunochemical technology
- January 2009 - **Commissioned** (NHS Cancer Screening Programme)
- November 2009 - **Published Evaluation Report**

GMEC

Product description, Evaluation report, Recommendation

BOWEL SCREENING ADVISORY COMMITTEE (BSAC)

Third Meeting, Monday 12th October 2009
11am to 3pm, Department of Health, The Olivier Room, 4th Floor, Wellington House, London SE1 8UG

AGENDA

5. Faecal Occult Blood...

Trial or Pilot?

- Trial... Research... Randomised... Ethics... Timescale expands?
- Pilot... first step of rolling out the service?
 - Pilot... Stop and review
 - Pilot... Review while piloting... modify... expand or stop

May 2010 – Pilot strategy approved

This paper provides an update to the Bowel Screening Advisory Committee (BSAC) on the progress towards a pilot of the introduction of immunochemical faecal occult blood testing (FOBT) within the English Bowel Cancer Screening Programme.

The Bowel Screening Advisory Committee is asked to:

- approve the proposed strategy
- give advice/direction on
 - the issue of funding to support treatment costs
 - the test stability
- direct the next steps

Piloting FIT
What needs to be considered?

- What..**
 - Questions do you need answered?
- You might want to know about the...**
 - FIT device (uptake, positivity, outcome, logistics, cost)
 - and packaging
 - and literature
 - and distribution & return (mailing etc)
 - and informatics (data handling etc)
 - and 'system' (end to end pilot)
- How...**
 - robust must the data be? (statistically significance)
 - much time? (urgency)
 - much money is available?

An example – FIT Pilot in England

Objectives

- Determine the **merits** of FIT in the English Programme
- Establish the **practicalities** & viability of adopting FIT
- Provide **clinical, economic and organisational data** to support a business case for a change from gFOBT to FIT
- Produce a **report to the government** to support the proposal

Pilot Working Group

- National Office – Oversight
- Information technology** - Develop modified software
- Procurement** – OJEU Tender
- Hub Director /Clinical Scientists
- Epidemiology** Evaluation Lead
- Health Economics Lead
- By invitation** - FIT, packing and mailing companies

FIT and NHS Bowel Cancer Screening in England

2014 FIT Pilot

- FIT *in place* of guaiac FOBT
- 40,000 FIT tests
- Minimal impact upon BCSP
- 1 in 28 invitations will be FIT
- Complete in 6 months
- Use 2 Hubs
- Single kit
- Cut-off 20 µg/g (100 ng/mL)
- Record participant comments
- Start - April 2014
- Report - Feb 2015

One in twenty eight

