


OMEC COLORECTAL CANCER SCREENING COMMITTEE MEETING


Saturday, May 30, DDW Chicago, 2009

Presenter: R. Steele



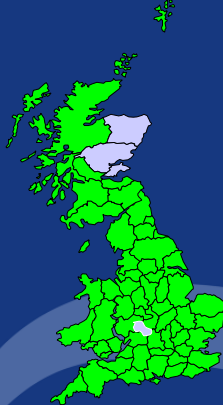

National UK Colorectal Cancer Screening Pilot

Aim: to test the feasibility of introducing a biennial bowel screening programme based on guaiac FOBT into the NHS



Screening Pilot


- Two sites, population ~ 1m
 - Coventry and Warwickshire
 - Grampian, Tayside and Fife
- Age range 50 – 69 years
- 3 biennial screening rounds complete in Scotland



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Screening Pilot

Start date: 29 March 2000

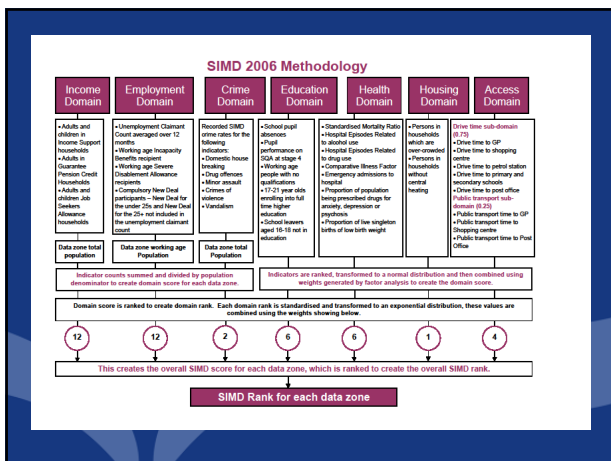
- Postal delivery of test kit from Centre
- One reminder
- Nurse interview
- Colonoscopy



Key Performance Indicators (KPIs)

- Gender
- Age
- Deprivation

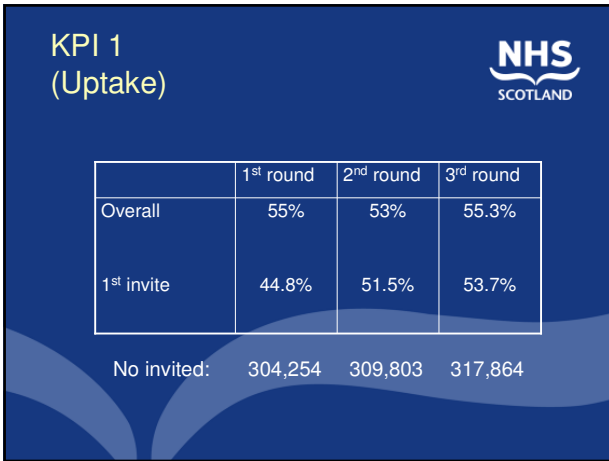
1. Uptake
2. Positivity rate
3. Cancer Detection Rate
4. PPV
 - for cancer

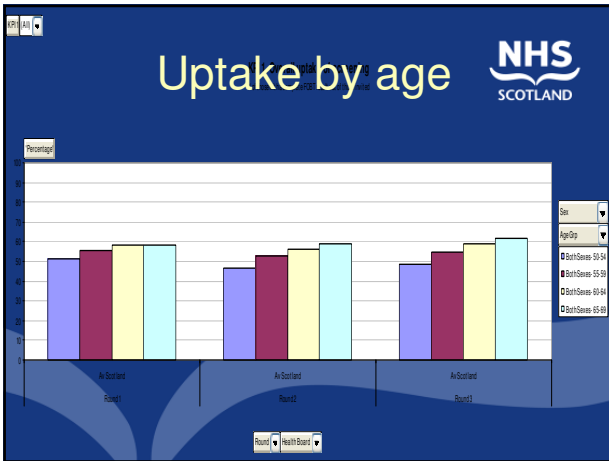


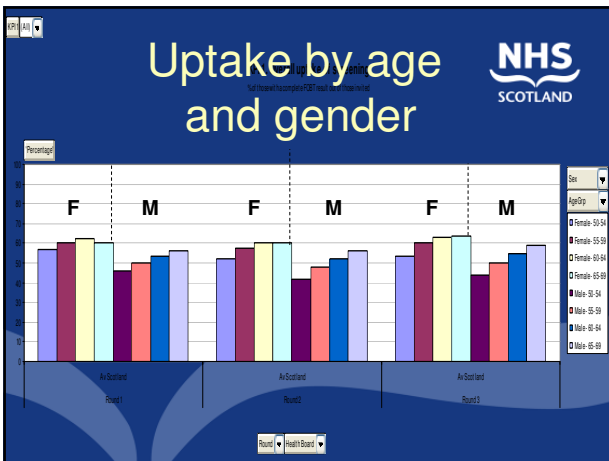
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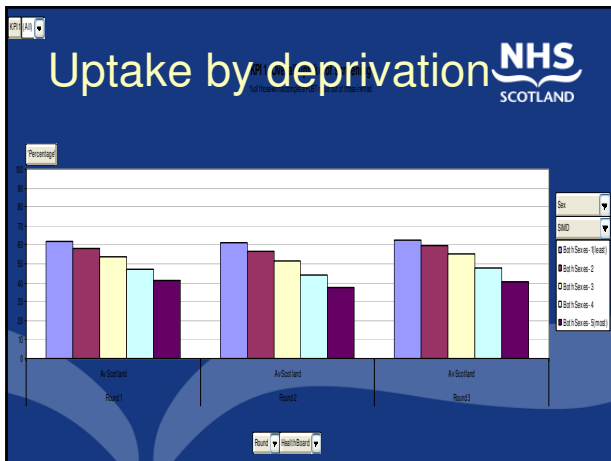


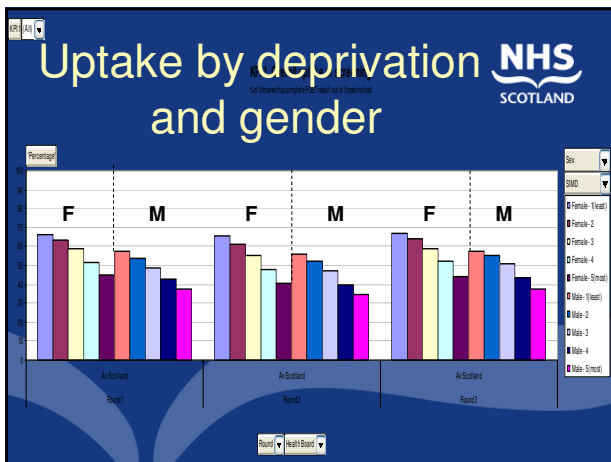


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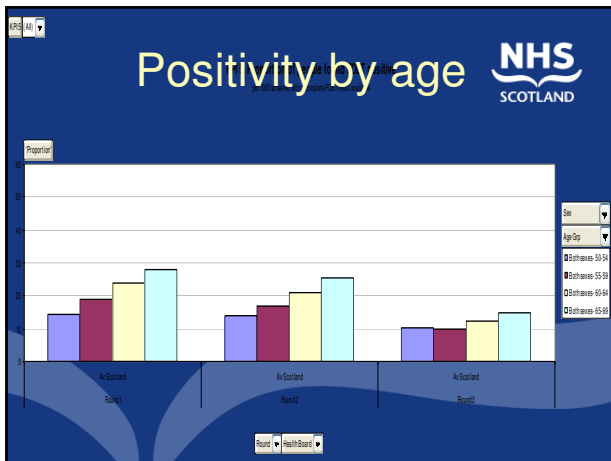


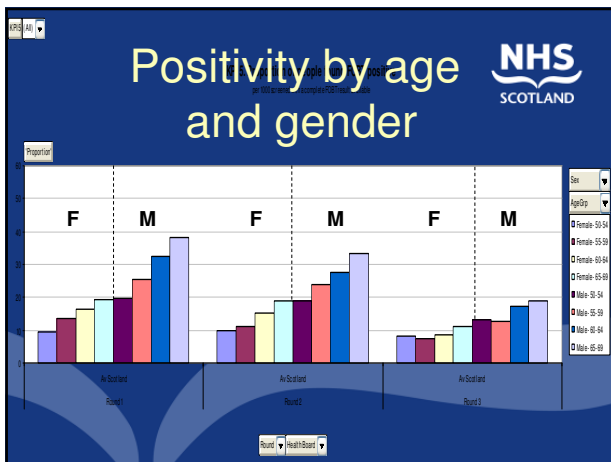
1 st round	2 nd round	3 rd round
2.1%	1.9%	1.2%

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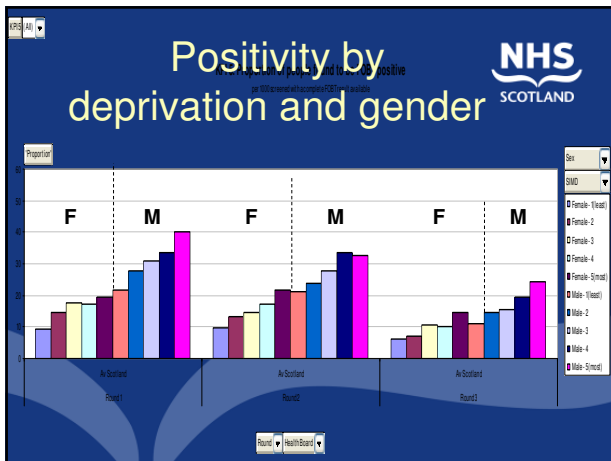




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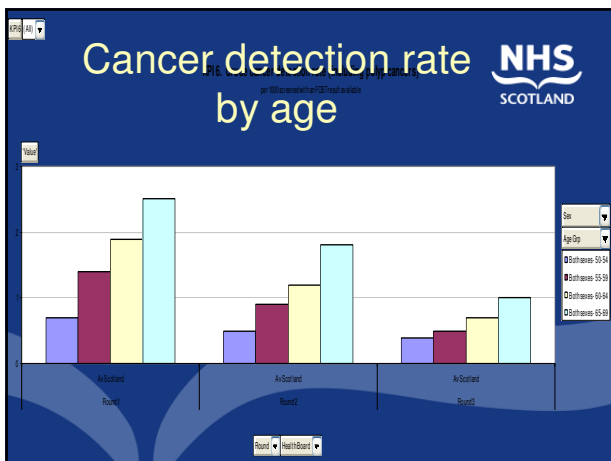
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KPI 7

(Cancer detection rate /1000 screened)

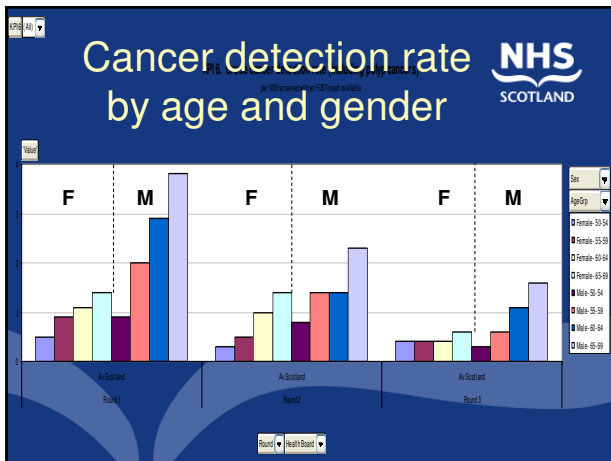
1st round	2nd round	3rd round
2.1	1.2	1.0

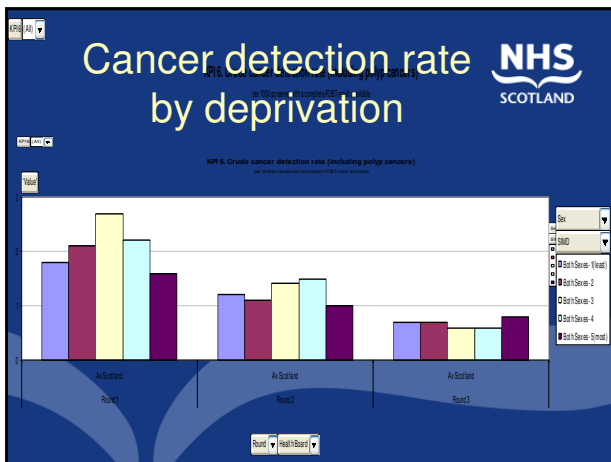


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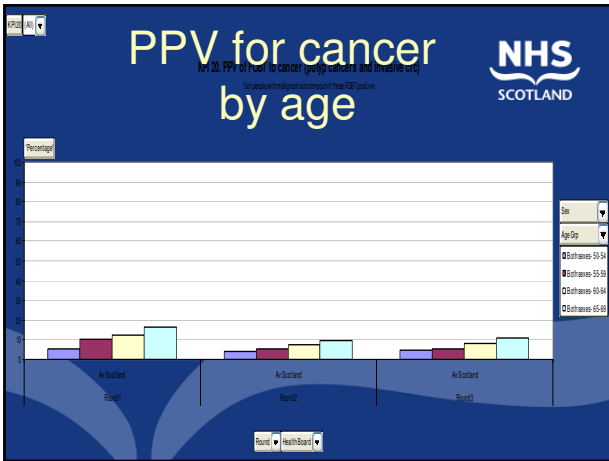
KPI 10 (PPV)

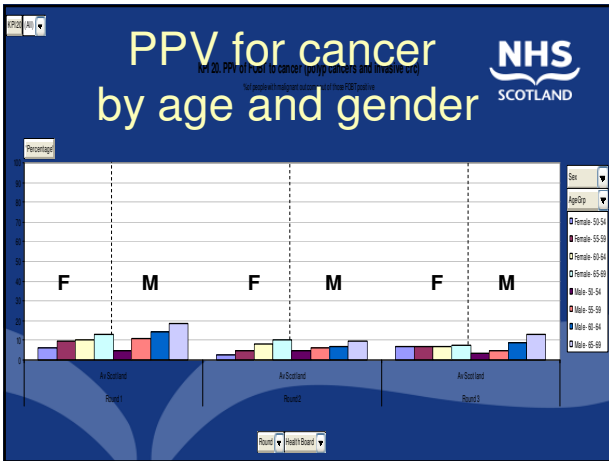
	1 st round	2 nd round	3 rd round
Cancer	12.0%	6.8%	7.7%
Adenoma	36.5%	29.5%	33.9%
HR Adenoma	3.3%	2.9%	4.1%
All Neoplasia	48.5%	36.3%	41.6%

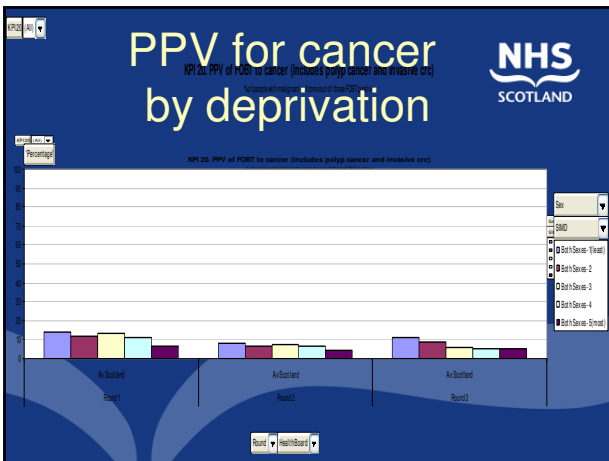
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Summary



- Uptake
 - Higher in women than men
 - Increases with increasing age
 - Decreases with increasing deprivation
- Positivity
 - Higher in men than in women
 - Increases with increasing age
 - Increases with increasing deprivation
- Cancer detection
 - Higher in men than in women
 - Increases with increasing age
 - No relationship with deprivation
- PPV
 - Greater in men than in women
 - Increases with increasing age
 - Decreases with increasing deprivation?

Conclusions



- Men and deprived communities need work!
- Extend upper age limit
- gFOBT gives high FPR in deprived communities
