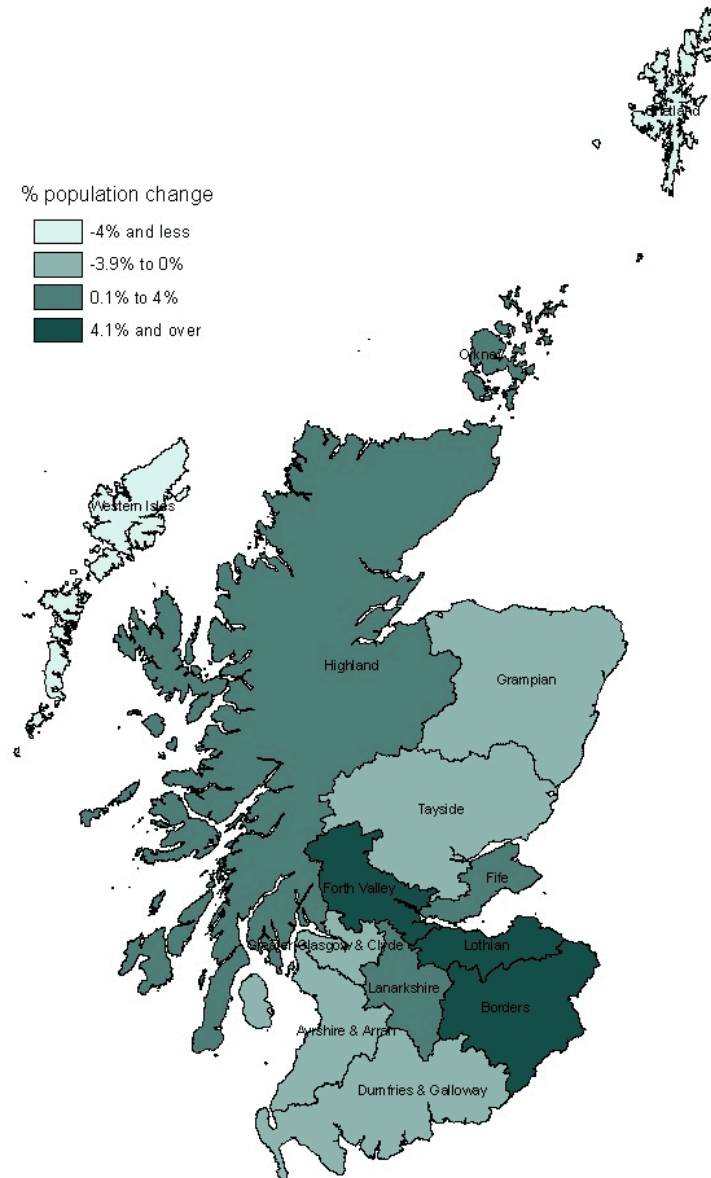
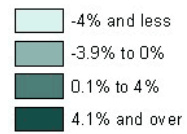


# Making Evidence-Based Diagnostic Decisions in Scotland

Dr Emilia Crighton

% population change





*Delivering better health*

[www.nhsggc.org.uk](http://www.nhsggc.org.uk)



*Delivering better health*

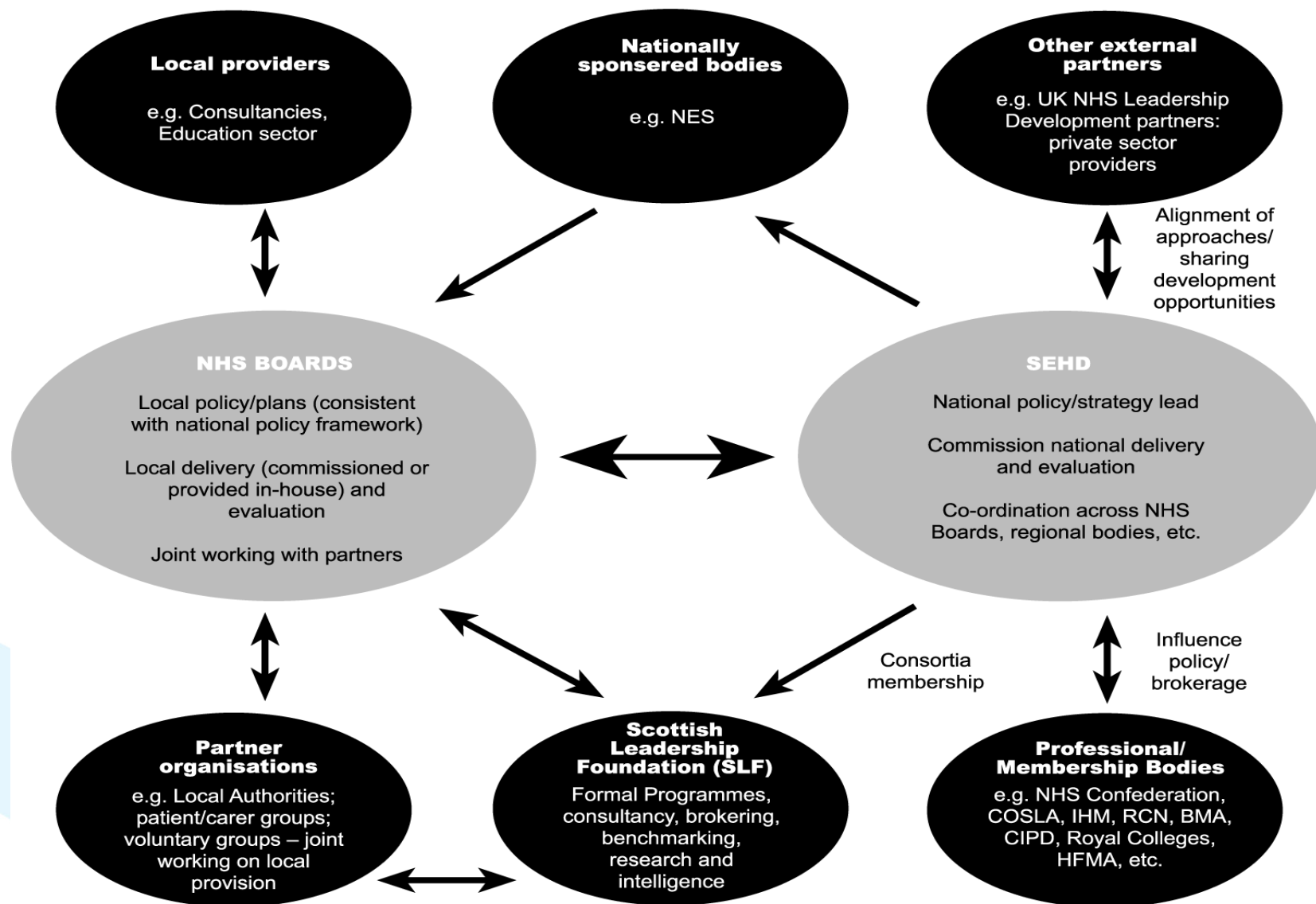
[www.nhsggc.org.uk](http://www.nhsggc.org.uk)





*Delivering better health*

[www.nhsggc.org.uk](http://www.nhsggc.org.uk)



**Source:** Scottish Executive (2005)



**Scottish Government Health and Social  
Care Directorate**

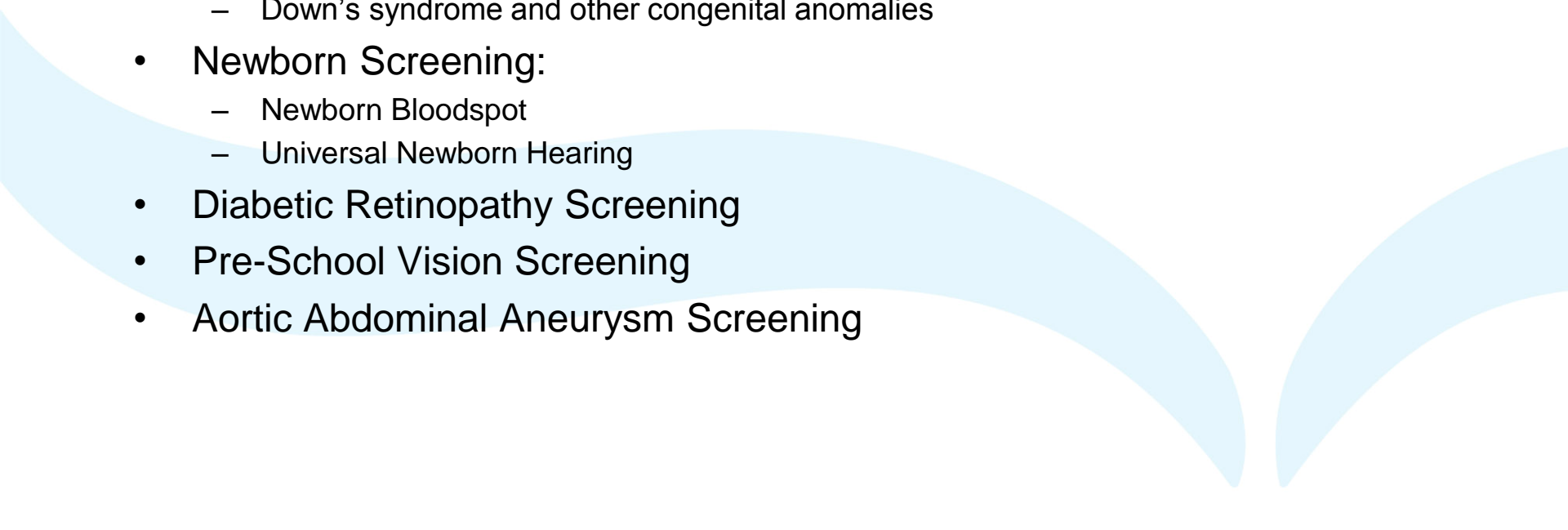
# UK National Screening Committee

- UK- Wide Policy
- Country implementation

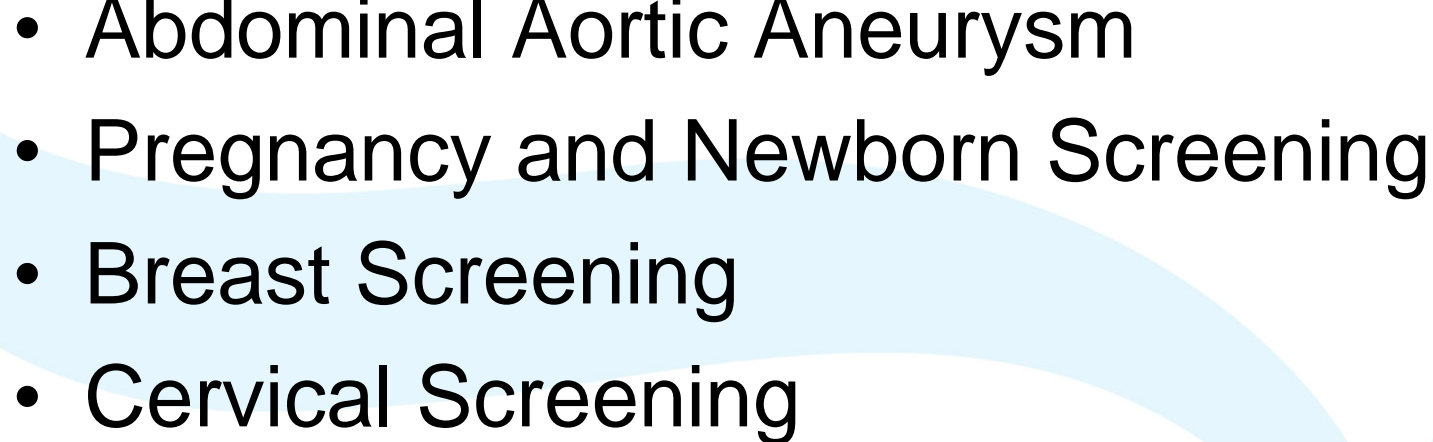




# Screening Programmes- Scotland

- Cervical Screening
  - Breast Screening
  - Bowel Screening
  - Pregnancy Screening:
    - Communicable Diseases in Pregnancy
    - Haemoglobinopathies screening
    - Down's syndrome and other congenital anomalies
  - Newborn Screening:
    - Newborn Bloodspot
    - Universal Newborn Hearing
  - Diabetic Retinopathy Screening
  - Pre-School Vision Screening
  - Aortic Abdominal Aneurysm Screening
- 

# Implementation and Monitoring

- Bowel screening
  - Flex sig
  - Diabetic Retinopathy Screening
  - Abdominal Aortic Aneurysm
  - Pregnancy and Newborn Screening
  - Breast Screening
  - Cervical Screening
- 

# Bowel Screening



**Bowel Screening:**  
Scottish Bowel Screening Programme

**We've done the test.  
Have you?**

Over 3,000 people are diagnosed with bowel cancer every year in Scotland. The good news is bowel screening reduces bowel cancer deaths. Everyone between 50 and 74 will receive a test kit every two years. Take the test. You can do it at home – it's quick, easy to do and it could be a lifesaver.

To find out more call the Helpline on 0845 270 0030  
or visit [www.bowelscreening.scot.nhs.uk](http://www.bowelscreening.scot.nhs.uk)

healthier  
scotland  
BETTER LIVES



# Evidence of effectiveness:

## Prof Hardcastle Study Nottingham

- Faecal Occult Blood testing of an asymptomatic population
- 2% of number screened needed further investigation
- 11% of this number had cancer
- **Improvement in mortality rate of 15%**

Kronburg O et al (1996) Randomised study of screening for colorectal cancer with faecal occult blood test.  
Lancet 348, 1467-1471

Hardcastle JD et al (1997) Randomised controlled trial of faecal occult blood screening for colorectal cancer.  
Lancet 348, 1472-1477

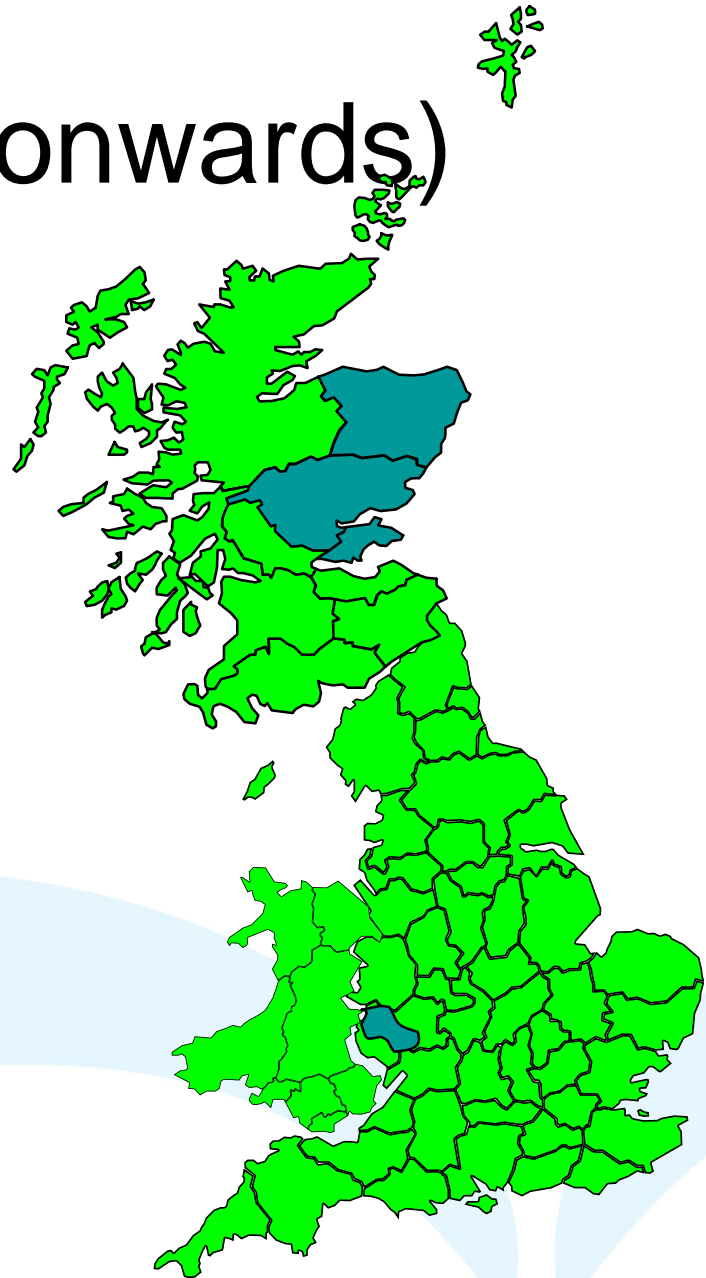
# Bowel screening

- **RCT**
- **Cochrane Systematic Review of Colorectal Cancer Screening Using the Fecal Occult Blood Test (Hemoccult): An Update (2006)**
- **SIGN 126**



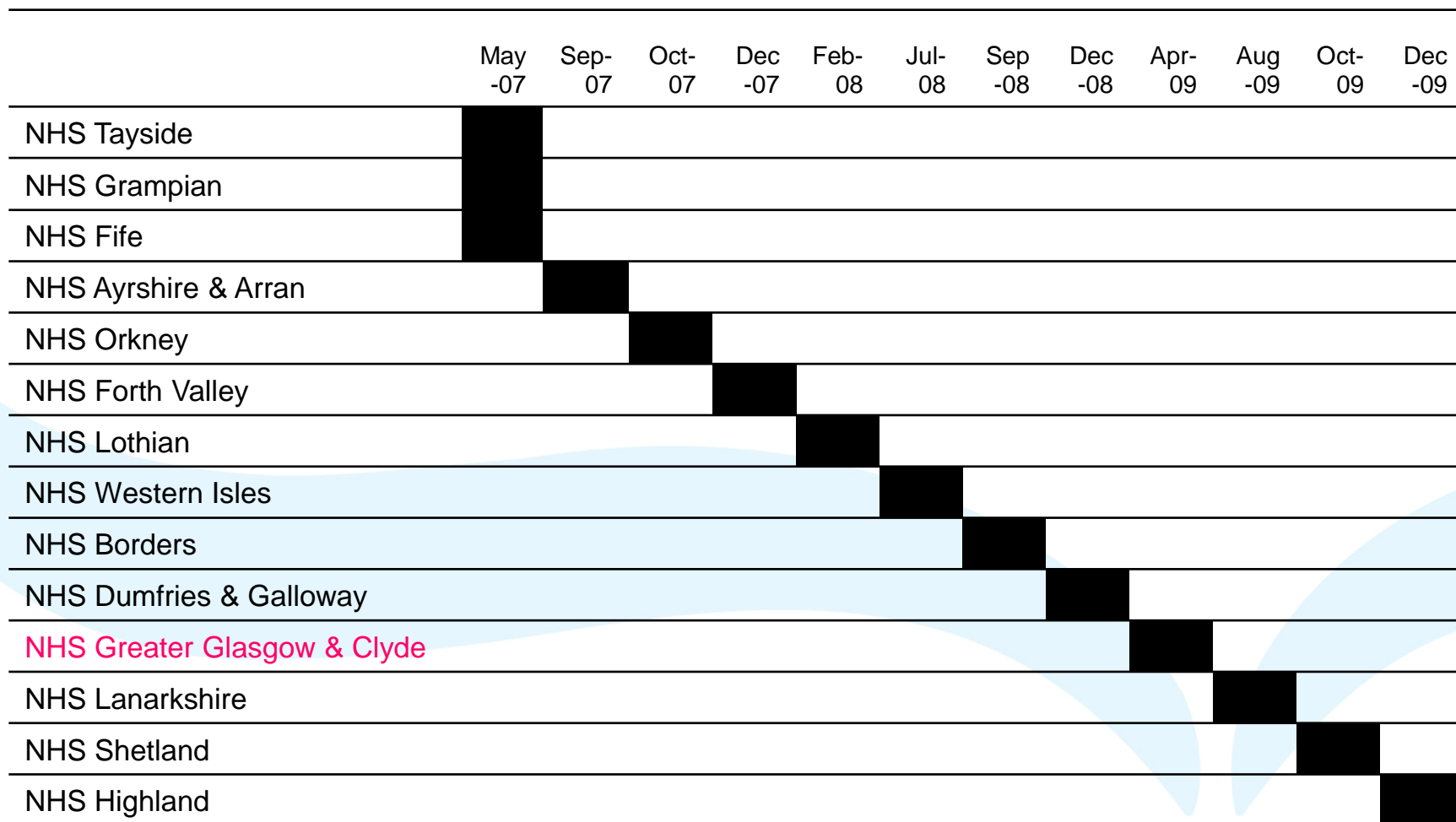
# UK Pilots (2000 onwards)

- *Aim:* to test feasibility of screening in “real life” NHS
  - Coventry and Warwickshire
  - Fife, Grampian and Tayside  
(each with approx. 1m pop.)

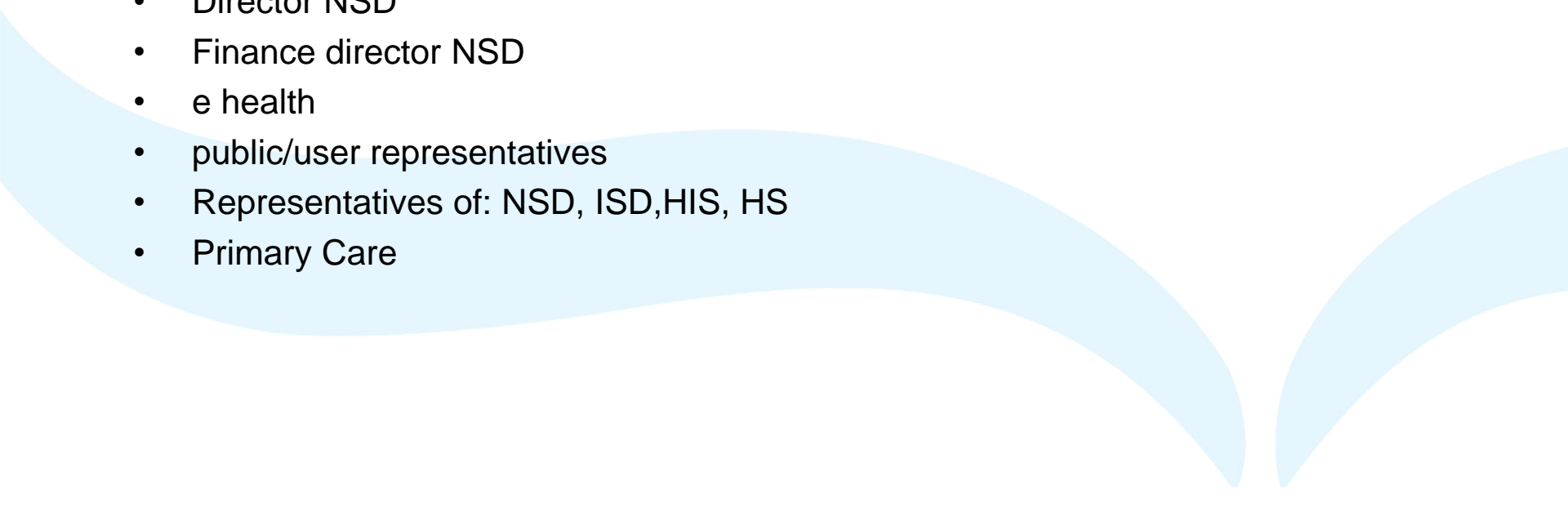




# Implementation Plan



# Scottish Standing Committee for Screening Membership

- HB Chief Executive (Chair)
  - National Coordinator Screening Programmes
  - HB Medical Director
  - HB Finance Director
  - Director of Public Health
  - Director NSD
  - Finance director NSD
  - e health
  - public/user representatives
  - Representatives of: NSD, ISD, HIS, HS
  - Primary Care
- 





## **I've done the test. Have you?**

Over 1,800 men are diagnosed with bowel cancer every year in Scotland. The good news is bowel screening reduces bowel cancer deaths. Everyone between 50 and 74 will receive a test kit by post every two years. Take the test. You can do it at home – it's quick, easy to do and it could be a lifesaver.

**To find out more call the Helpline on 0800 0121 833  
or visit [www.bowelscreening.scot.nhs.uk](http://www.bowelscreening.scot.nhs.uk)**



# **Scottish Bowel Screening Programme**

**Key Performance Indicators Report: May 2013  
data submission**

**Invitations between 1st November 2010 and  
31st October 2012**



## Bowel scope screening

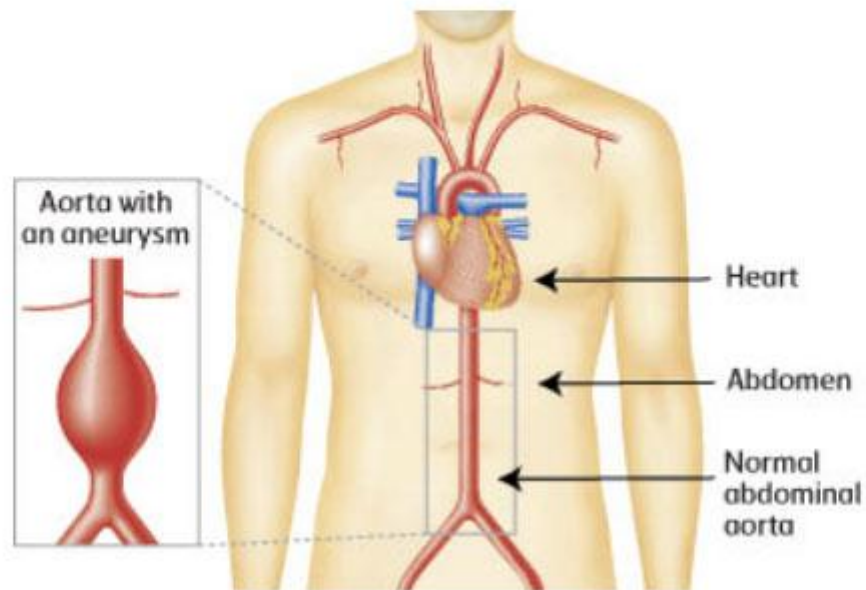
A new way to prevent  
bowel cancer





## Diagram of an Abdominal aortic aneurysm

The diagram below shows a normal aorta on the right and an aorta with an aneurysm on the left.



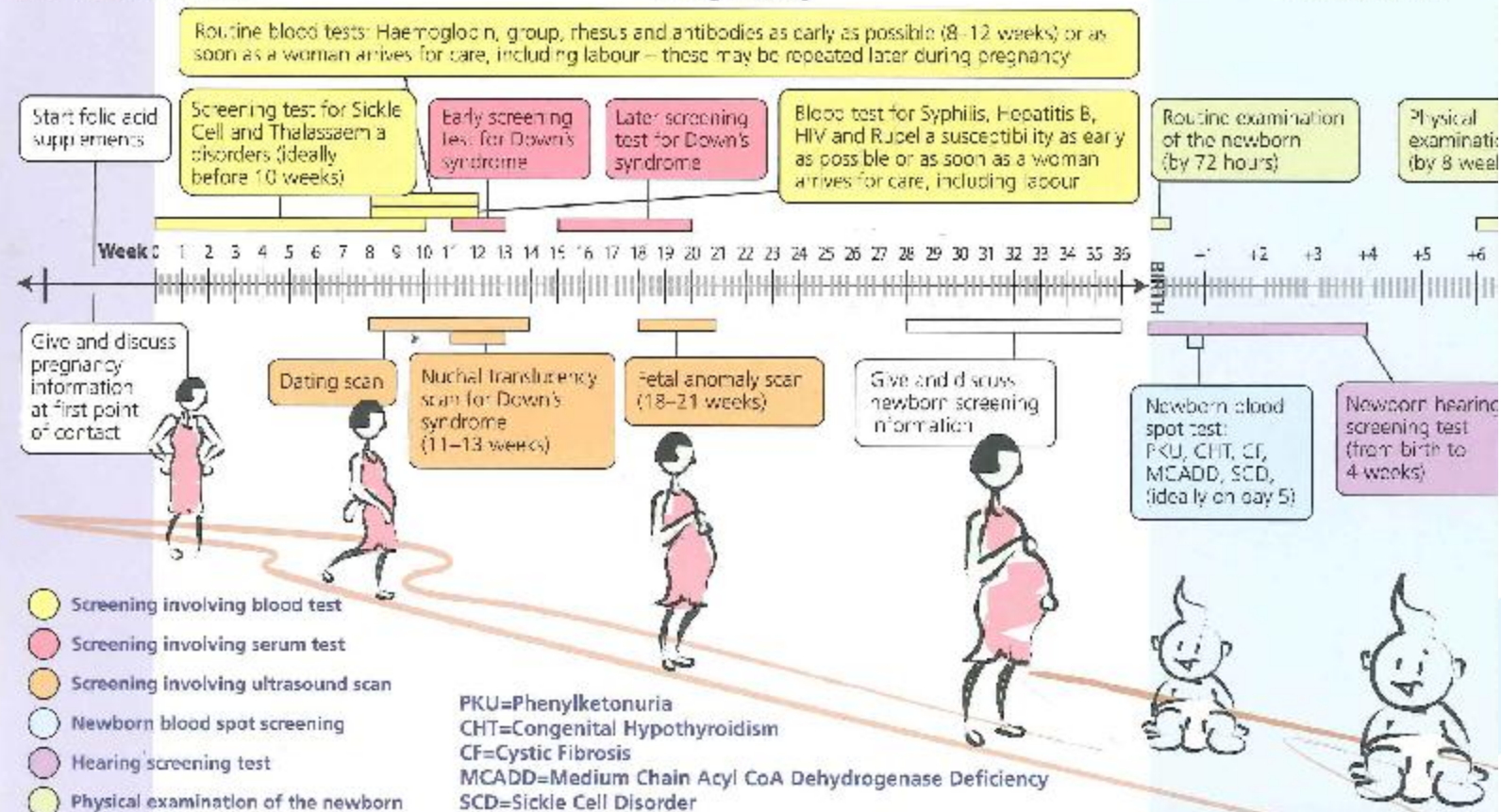
# Pregnancy and Newborn Screening Timeline



## Pre-conception

## Pregnancy

## Newborn



Reproduced with kind permission from the National Screening Committee (NSC)

Women and families should understand the purpose of all tests before they are taken



## WHAT HAPPENS WHEN YOU GET SCREENED?

Breast screening involves having X-ray images taken of your breasts. These are called mammograms.

To help get an accurate X-ray, you'll be undressed from the waist up. But it will always be a female 'mammographer' that will take your X-rays for you, so there's nothing to be embarrassed about.

For some women, as the process of having X-rays involves a little squeeze of pressure, it can be a bit uncomfortable. But this part should only take a couple of seconds. In fact, the whole appointment takes a matter of minutes and could help to save your life.



WATCH ELAINE  
GET SCREENED

at [getcheckedearly.org](http://getcheckedearly.org)



## BREAST SCREENING CAN DETECT TINY CANCERS THIS SIZE.



Get in touch with your regional screening centre if you've missed a screening appointment in the last two years and would like to reschedule:

South East of Scotland - 0131 537 7400  
South West of Scotland - 01294 323 505  
West of Scotland - 0141 800 8800  
East of Scotland - 01382 425 646  
North East of Scotland - 01224 550 570  
North of Scotland - 01463 705 416

To check which screening centre you should call, text **SCREEN** and your postcode to **61611**.

For more information on breast screening go to [getcheckedearly.org](http://getcheckedearly.org)

### DON'T GET SCARED, GET SCREENED.



## "I CHOOSE TO DO IT BECAUSE IT COULD SAVE MY LIFE."

ELAINE, GLASGOW.



# Cervical Screening

Social marketing

Social media

Evaluation



**A SMEAR TEST WON'T BE THE MOST EMBARRASSING THING YOU'LL DO IN THE NEXT THREE YEARS...**

**And it might just save your life.**

**Regular cervical screening:**

- saves 5000 lives a year in the UK
- prevents 8 out of 10 cancers developing
- takes less than 5 minutes and it might
- is the best protection against cervical cancer.

**Don't put it off, add a smear test to your to do list today by contacting your GP.**



Watch our embarrassing moments video and others visit: [www.youtubeblablaaa](http://www.youtubeblablaaa)



