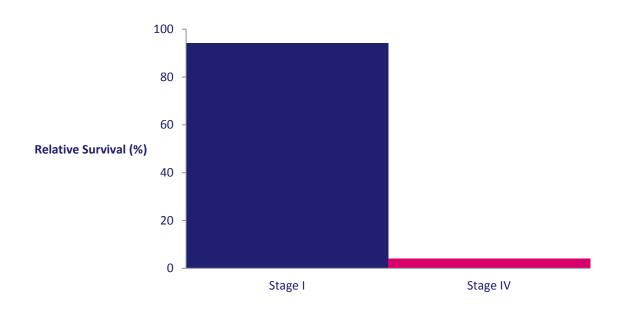


- 1. Early diagnosis is key in beating cancer; diagnosing more cancers earlier would be good for patients and the UK
- 2. The UK/England continues to lag behind the best in the world
- 3. There is unacceptable variation across the country
- 4. Awareness and public behaviour
- 5. Optimising clinical practice and systems



Early diagnosis is key in beating cancer

Bowel Cancer Ten-Year Relative Survival by Stage

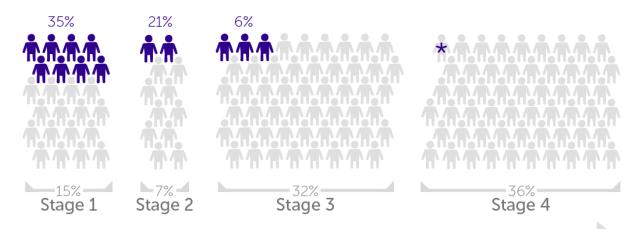




Early diagnosis is key in beating cancer

When diagnosed earlier more people survive lung cancer

= People surviving lung cancer for 5 or more years



But lung cancer is most often diagnosed at later stages



Patient perspectives on early diagnosis

"It was diagnosed as malignant melanoma and I needed an operation, but it was <u>picked up early</u> and I am having regular checks now. If I hadn't picked up the leaflet, <u>it could have been months</u> before I went to the GP"

Ronnie,

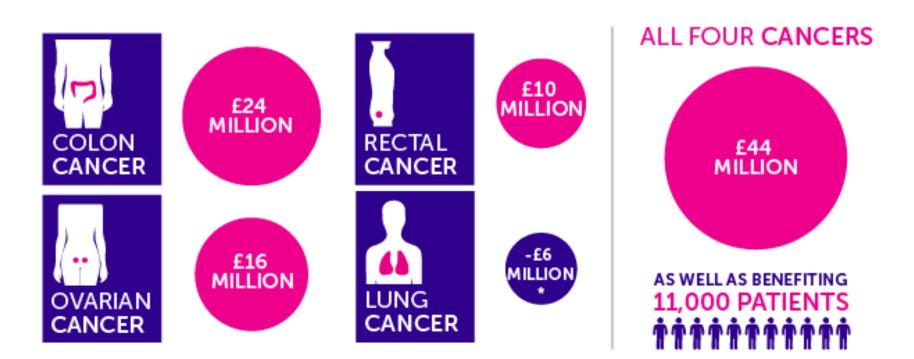
diagnosed with melanoma in 2013

"I'm very breast aware now [...] <u>Early</u> detection is the key and I really want to do what I can to help get that message across"

Deborah, diagnosed with breast cancer in 2007



Significant treatment savings could be made if cancers were diagnosed earlier



*Lung cancer figure is negative since the disease often comes back even when diagnosed earlier

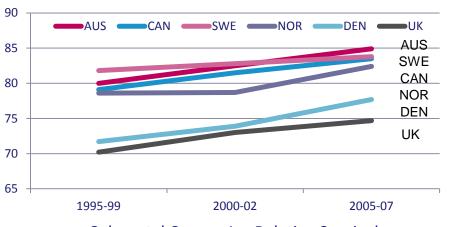
= Treatment savings based on a level of early diagnosis comparable with the best in England

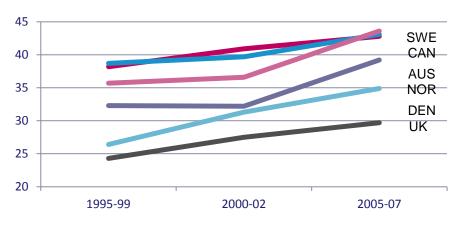


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ICBP Module 1 - survival differences

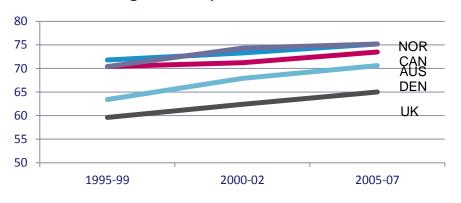




Colorectal Cancer 1yr Relative Survival

100
98
96
CAN
AUS
NOR
DEN
UK
90
1995-99
2000-02
2005-07

Lung Cancer 1yr Relative Survival



Breast Cancer 1yr Relative Survival

Ovarian Cancer 1yr Relative Survival

Coleman MP, Forman D, Bryant H et al. Cancer survival in Australia, Canada, Denmark, Norway, Sweden and the UK, 1995-2007 (the International Cancer Benchmarking Partnership): an analysis of population-based cancer registry data. The Lancet 2011, 377: 127-138



Progress in 5 year survival – ICBP findings

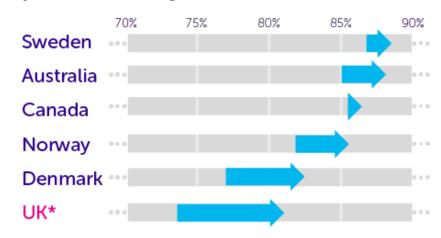
Lung cancer

5-year survival changes, 1995-1999 to 2005-2007



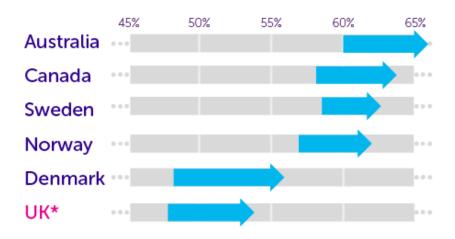
Breast cancer

5-year survival changes, 1995-1999 to 2005-2007



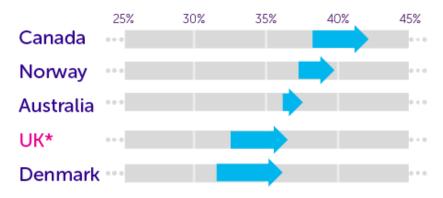
Bowel cancer

5-year survival changes, 1995-1999 to 2005-2007



Ovarian cancer

5-year survival changes, 1995-1999 to 2005-2007



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There is wide variation in stage at diagnosis across

England

Proportion of new cancers where the stage is known, diagnosed as early stage (stages 1&2)

Early Stage Quintiles

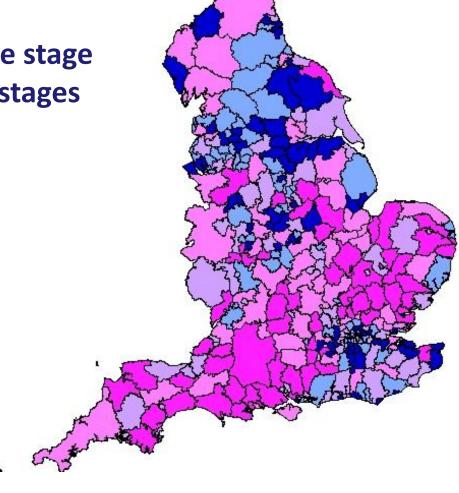
36.8% to 52.4%

52.5% to 55.2%

55.3% to 57.5%

57.6% to 60.8%

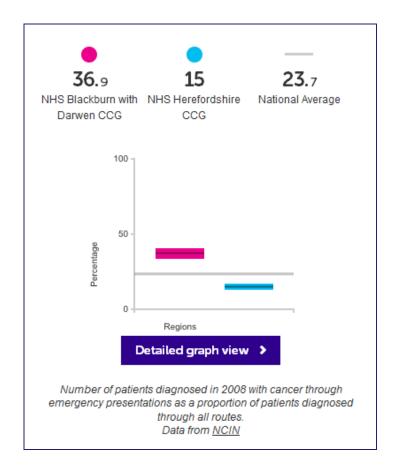
60.9% to 71.1%





There are substantial variations in cancer emergency presentations in England

% Emergency Presentations





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ICBP module 2 - Awareness and beliefs

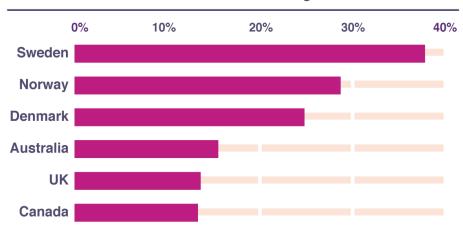
HYPOTHESIS

Lower survival rates in Denmark and UK are explained in part by lower cancer awareness and more negative beliefs about cancer

HEADLINE FINDINGS

- Not supported in all jurisdictions
- •Generally positive attitudes and beliefs about cancer in all jurisdictions
- Low awareness of increasing risk with age

Awareness that cancer risk increases with age



Proportion of respondents who said that 70-year olds are most likely to be diagnosed with cancer (rather than 30-year olds, 50-year olds or people of any age)

 But, in the UK, people more likely to identify barriers to seeing their GP



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ICBP Module 3 - system differences

HYPOTHESIS

Differences in primary care systems may lead to delays and result in later stage at diagnosis, which in turn is associated with poor outcomes

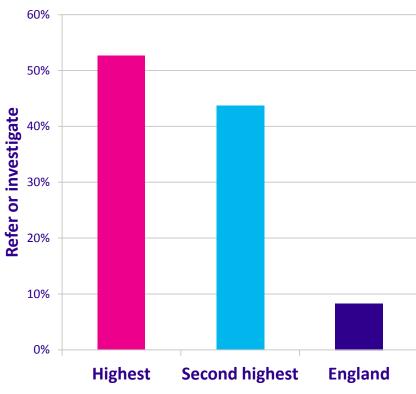
PROGRESS

Latest international data suggests GPs in the UK:

- Are less likely to send a patient for tests or to refer them at their first consultation
- Report having among the lowest access to specialist advice
- Feel more strongly about protecting their patients from over investigation, and preventing a secondary care overload

0% **Highest Jurisdictions** Rose PW, Rubin G, Perera-Salazar R, et al. Explaining variation in cancer survival between eleven jurisdictions in the International Cancer Benchmarking Partnership: a primary care vignette survey. BMJ Open – accepted for publication

Willingness to act at the first consultation - lung

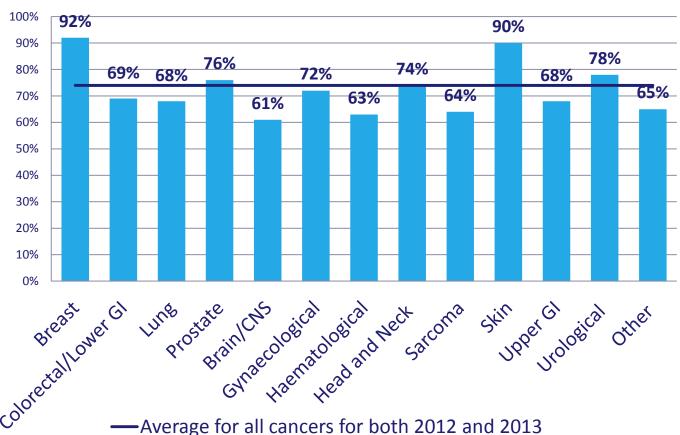




For some types of cancer, patients visit their GP multiple times before referral for a test

Saw GP no more than twice before referral to hospital

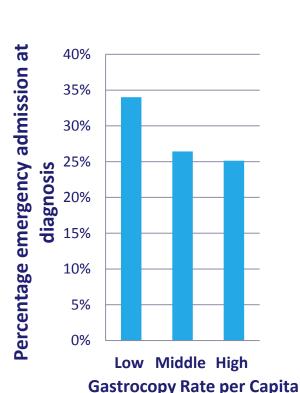
NHS England, Cancer Patient Experience Survey, 2013



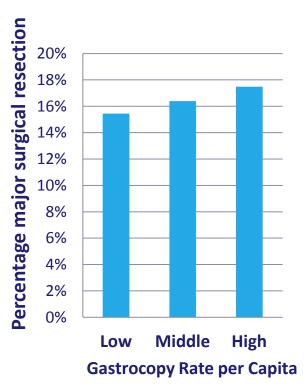
http://www.quality-health.co.uk/resources/surveys/national-cancer-experience-survey/2013-national-cancer-patient-experience-survey-reports/301-2013-national-cancer-patient-experience-survey-programme-national-report/file



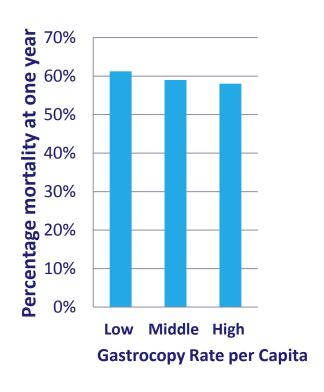
More investigation makes a difference – in emergency presentations...



...in proportion going on to have potentially curative treatment...



...and ultimately in survival

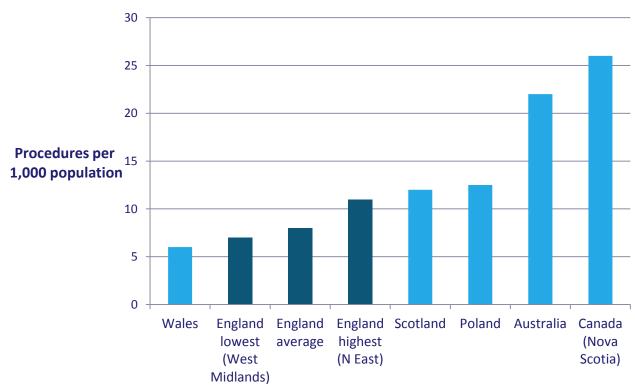






International comparisons highlight lower rates of investigation in the UK

International Comparison of Crude Colonoscopy Rates per 1,000 in 2010/2011





CRUK Early diagnosis vision

- Everyone with cancer is diagnosed and treated as quickly and effectively as possible to give them the best chance of surviving their disease and improving their experience (of treatment and care)
- 3 in 4 people diagnosed at an early stage by 2034

Key objectives

- Diagnose bowel cancer earlier through screening
- Advocate for, support the delivery of public-facing communications to achieve behaviour change
- Engage, influence and support GPs and others in primary care to achieve earlier diagnosis of cancer
- Work to streamline and innovate across the diagnostic pathway



CRUK Bowel screening campaign – London (2014)

INTERVENTIONS

- CRUK endorsement letter
- Kit enhancement pack
- Outdoor advertising

EVALUATION

 Combination of all interventions most effective

significantly increased uptake*:

- 60-69 yrs = 2.1% 6%
- 70-74 yrs = 2.3% 6.3%









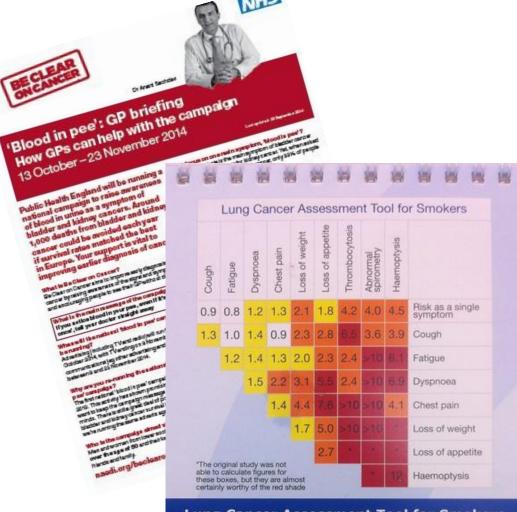


CRUK strategies to support GPs

EDUCATION

CLINICAL DECISION
SUPPORT (CDS) TOOLS

CRUK FACILITATORS



Lung Cancer Assessment Tool for Smokers



Diagnostics and services

CRUK commissioned endoscopy evaluation

- Improve knowledge of current capacity
- Ascertain how demand is likely to grow
- Level of resource needed to meet growing demand and solutions for addressing the barriers/challenges





Accelerate, Coordinate, Evaluate (ACE)

The ACE Programme's objective is to

... develop a national body of evidence & evaluation that informs the operational improvement of early diagnosis cancer pathways









Working across the entire health system with particular focus on:

- 1. Better prevention
- 2. Swifter diagnosis
- 3. Better treatment, care and after care



Thank you

