

O-G CANCER – THE NEXT 10 YEARS



Philip Gould

An odyssey of
love and cancer

The unfinished life



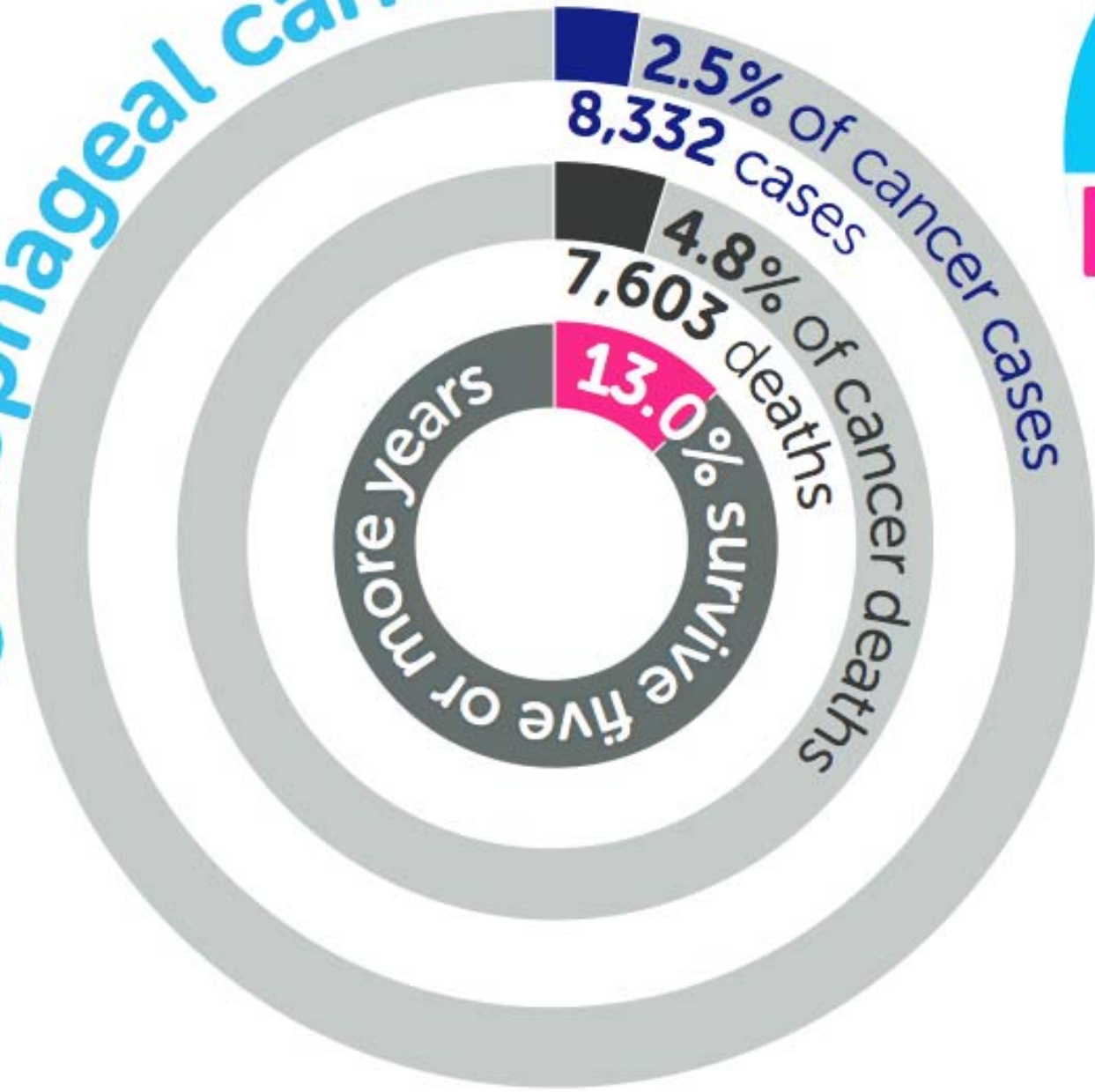
A Thousand Lives

Survival rates for oesophageal cancer are poor. Earlier detection will save lives

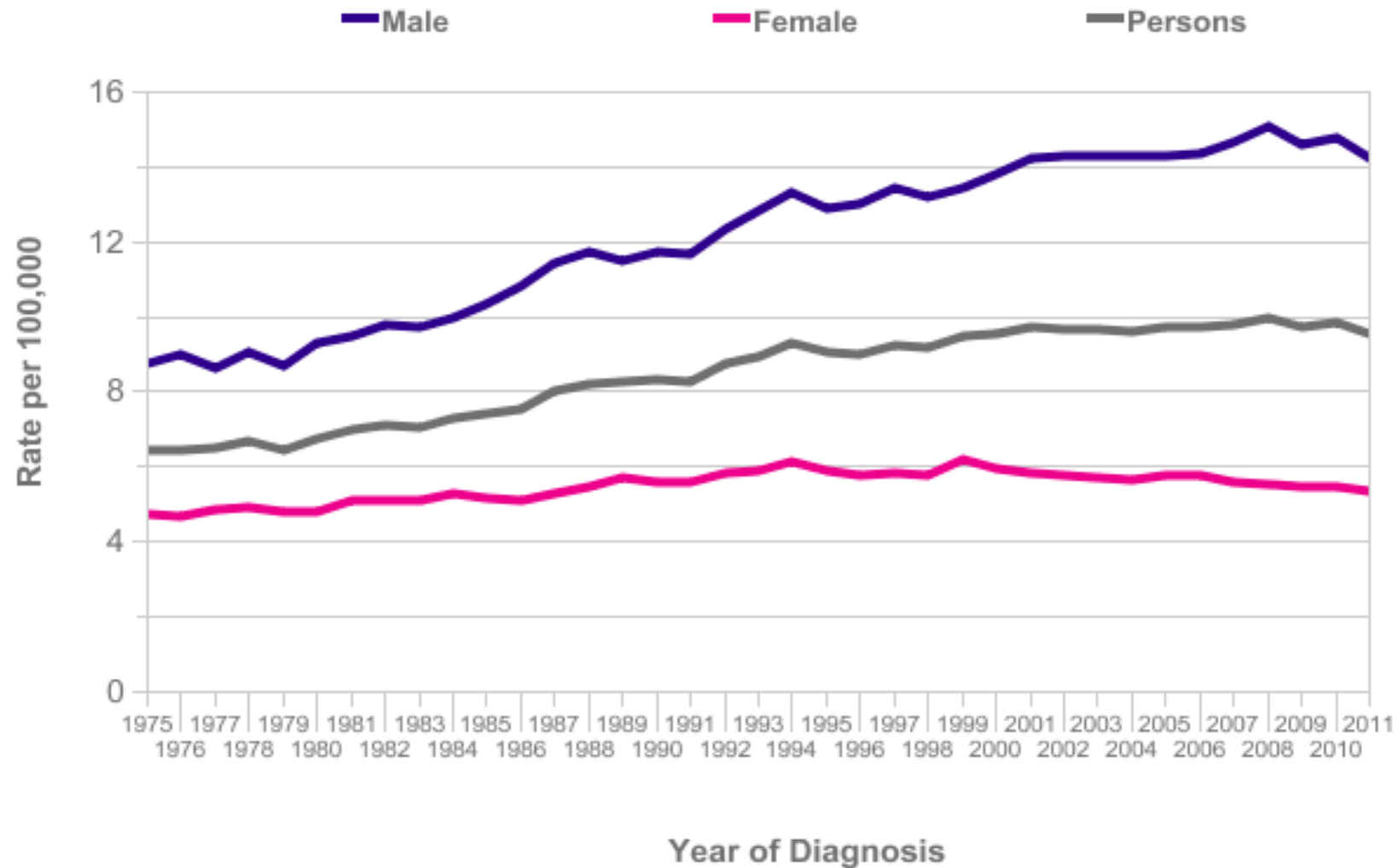
Kingsley Amis, a Garrick Club regular, thought that the most depressing words in the English language were: "Shall we go straight in?" Not as depressing as asking your physician, as Philip Gould did on being told that he had a cancer between his oesophagus and his stomach: "What are my chances?" and getting back the gloomy reply: "Fifty-fifty." There are some lotteries in life that you might wish to win. Cancer is not one of them. Cancer of the oesophagus is one of the most lethal forms of the disease. It need not be. Experts leading the fight to tame oesophageal and stomach cancers believe that 1,000 lives a year could be saved if survival rates in Britain could be improved to match the best in Europe. Many of those deaths could be averted by earlier diagnosis.

Lord Gould of Brookwood has been recounting in *The Times* all this week the changing landscape of a life resculpted by cancer. He has written about the heartache and terror, but also of the happiness and tenderness that have warmed him since he learnt he was a victim of one of the most virulent of all cancers. His

Oesophageal cancer



Oesophageal cancer incidence 1975-2011



The future.....



- **Prevention**
 - ⊙ Risk factors
- **Early detection**
 - ⊙ Public awareness
 - ⊙ Screening techniques
 - ⊙ Better access & quality of endoscopy
- **Better understanding of the biology**
- **Better treatmentsn**

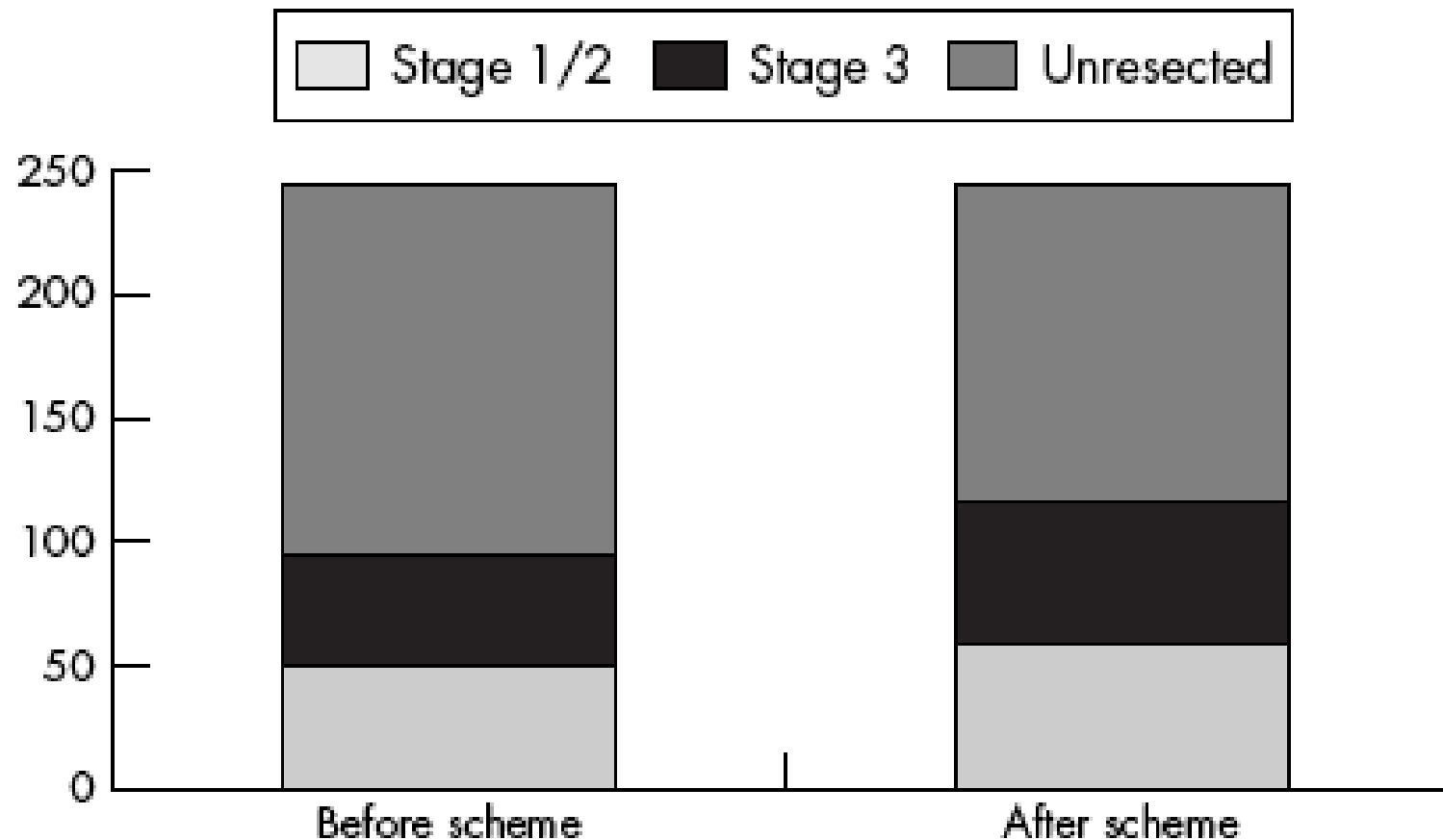


Awareness & early diagnosis

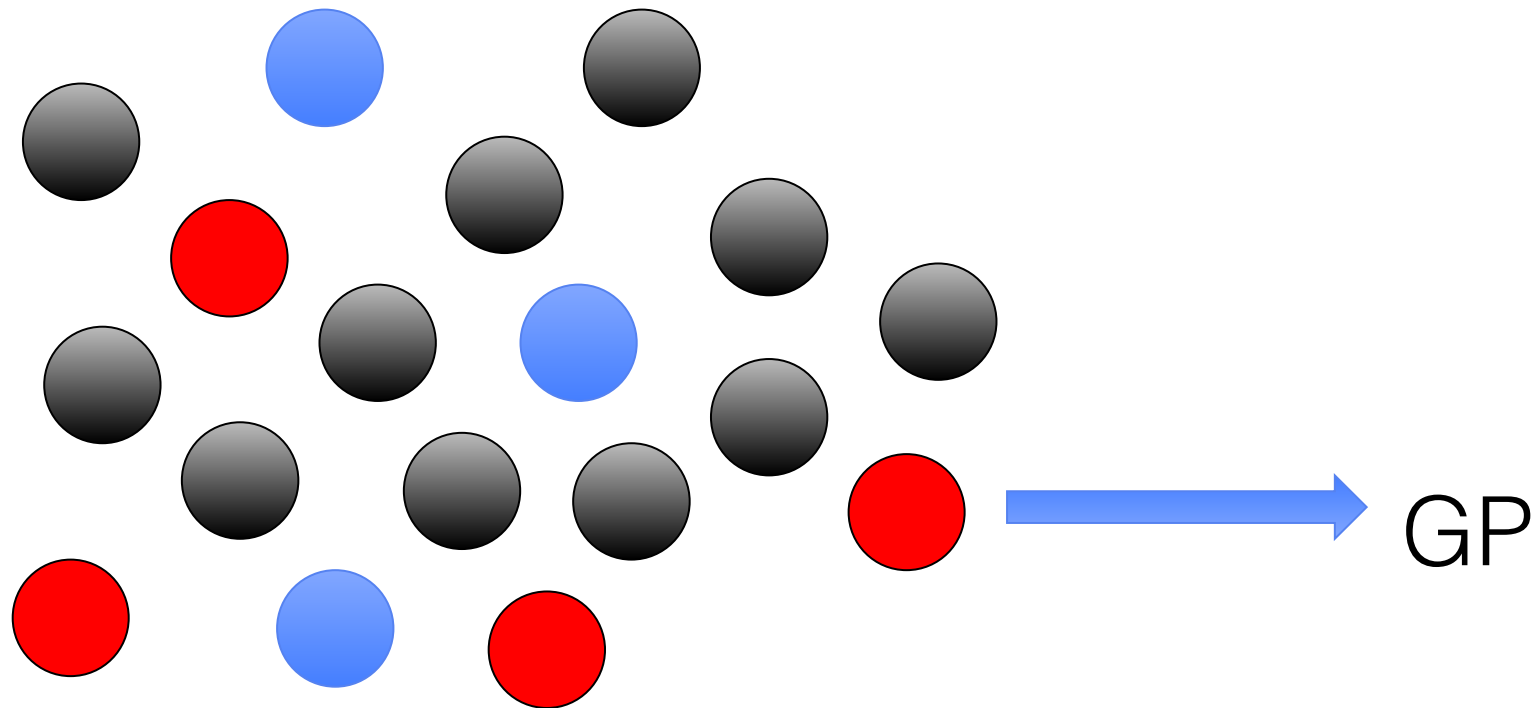
Endoscopy waiting times and impact of the two week wait scheme on diagnosis and outcome of upper gastrointestinal cancer

T Spahos, A Hindmarsh, E Cameron, M R Tighe, L Igali, D Pearson, M Rhodes, M P N Lewis

Postgrad Med J 2005;81:728-730. doi: 10.1136/pgmj.2004.031104



Early detection – the challenge



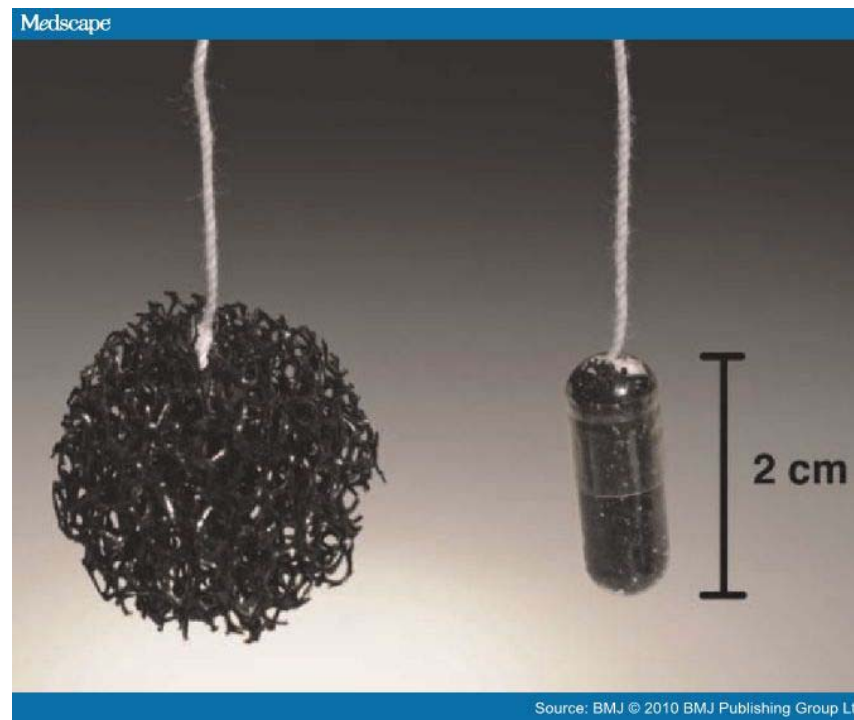
- Disease free
- Dysphagia, heartburn
- No or subtle symptoms

Screening for Barrett's

Acceptability and accuracy of a non-endoscopic screening test for Barrett's oesophagus in primary care: cohort study.

Kadri SR et al

BMJ. 2010 Sep 10;341:c4372. doi: 10.1136/bmj.c4372



A nanomaterial-based breath test for distinguishing gastric cancer from benign gastric conditions

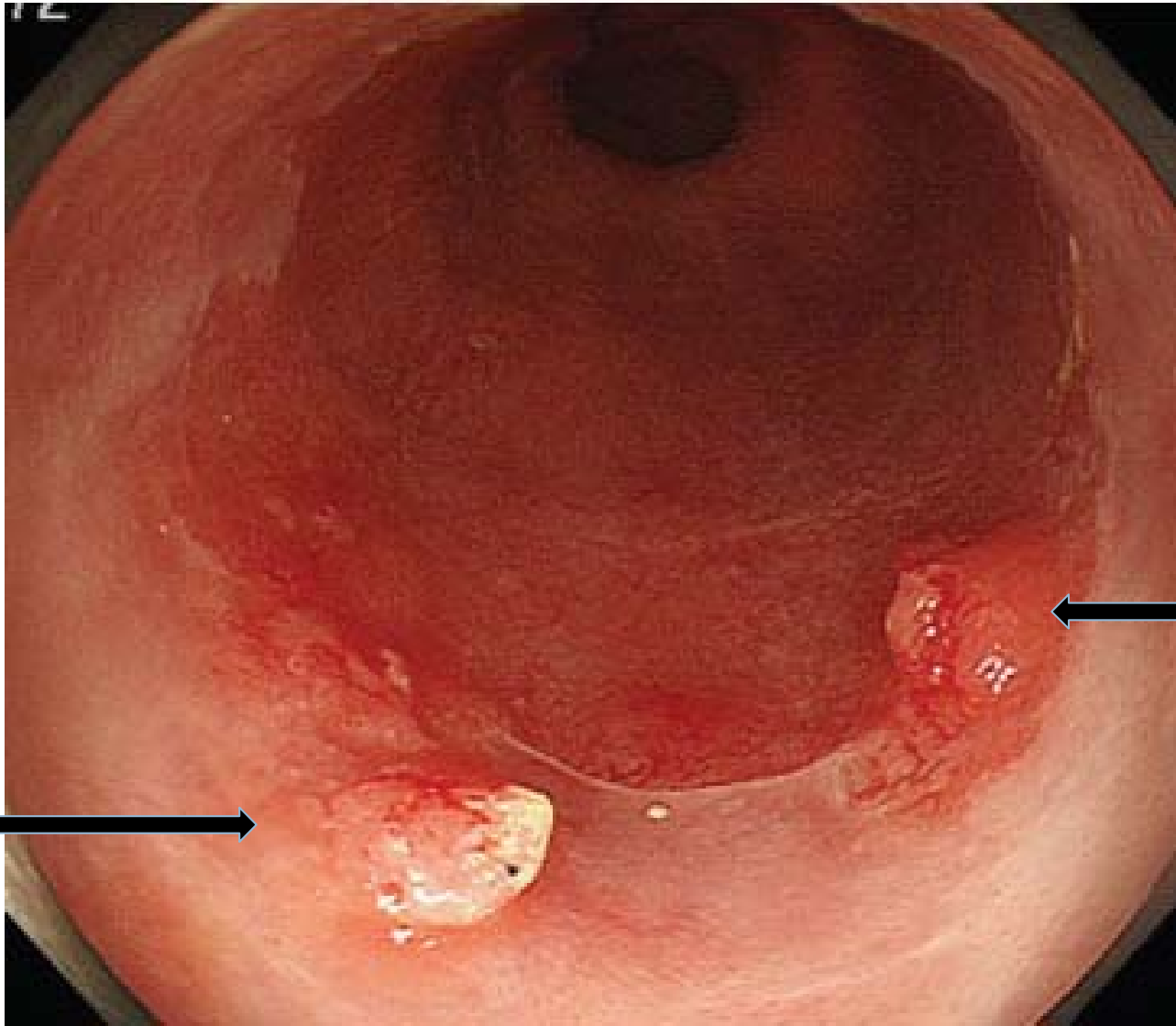
Z-q Xu^{1,2,4}, Y Y Broza^{1,4}, R Ionsecu^{1,4}, U Tisch¹, L Ding², H Liu^{*,2}, Q Song², Y-y Pan², F-x Xiong², K-s Gu², G-p Sun², Z-d Chen², M Leja³ and H Haick^{*,1}

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Brit J Cancer 2013;108:914-50

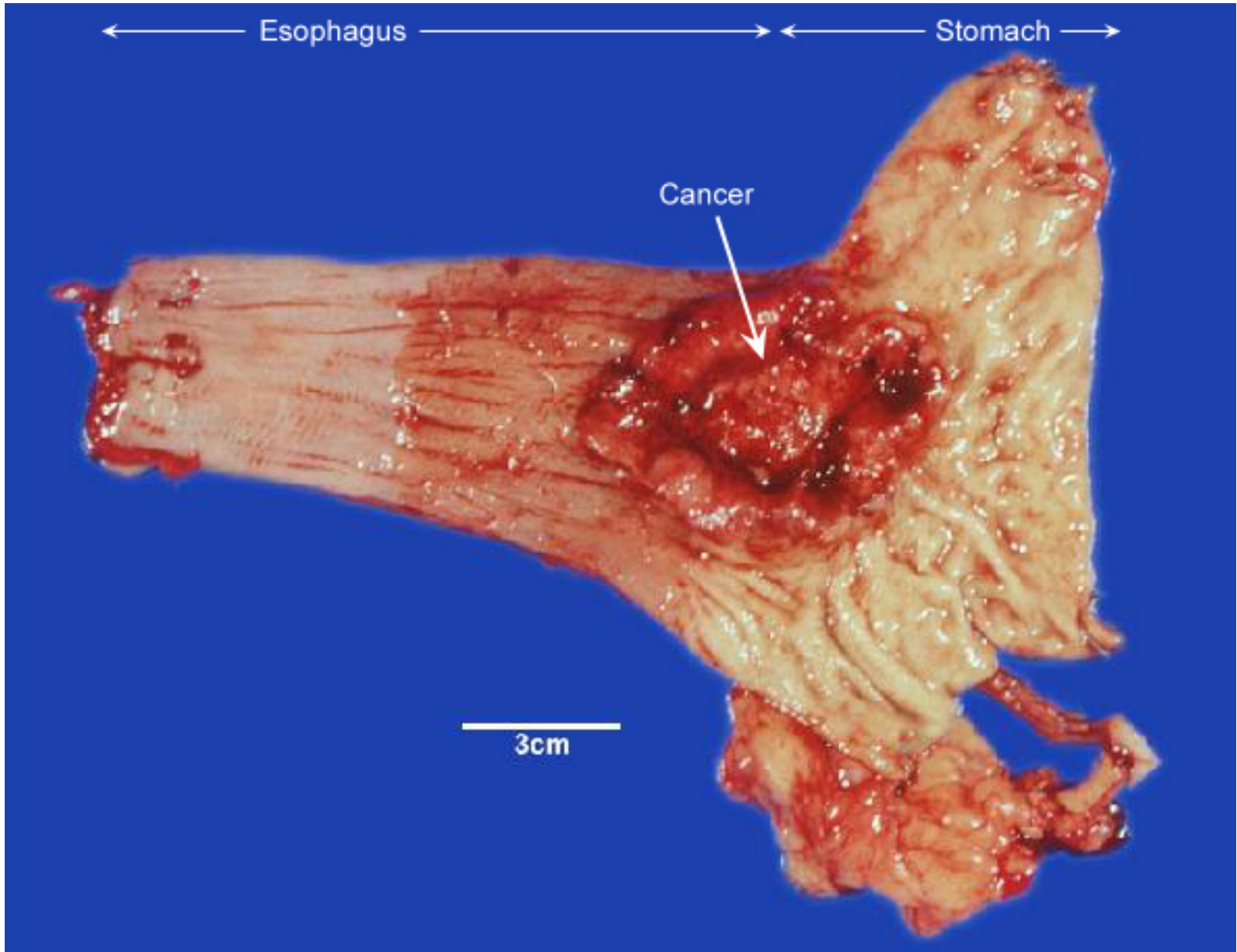


Access & quality of endoscopy



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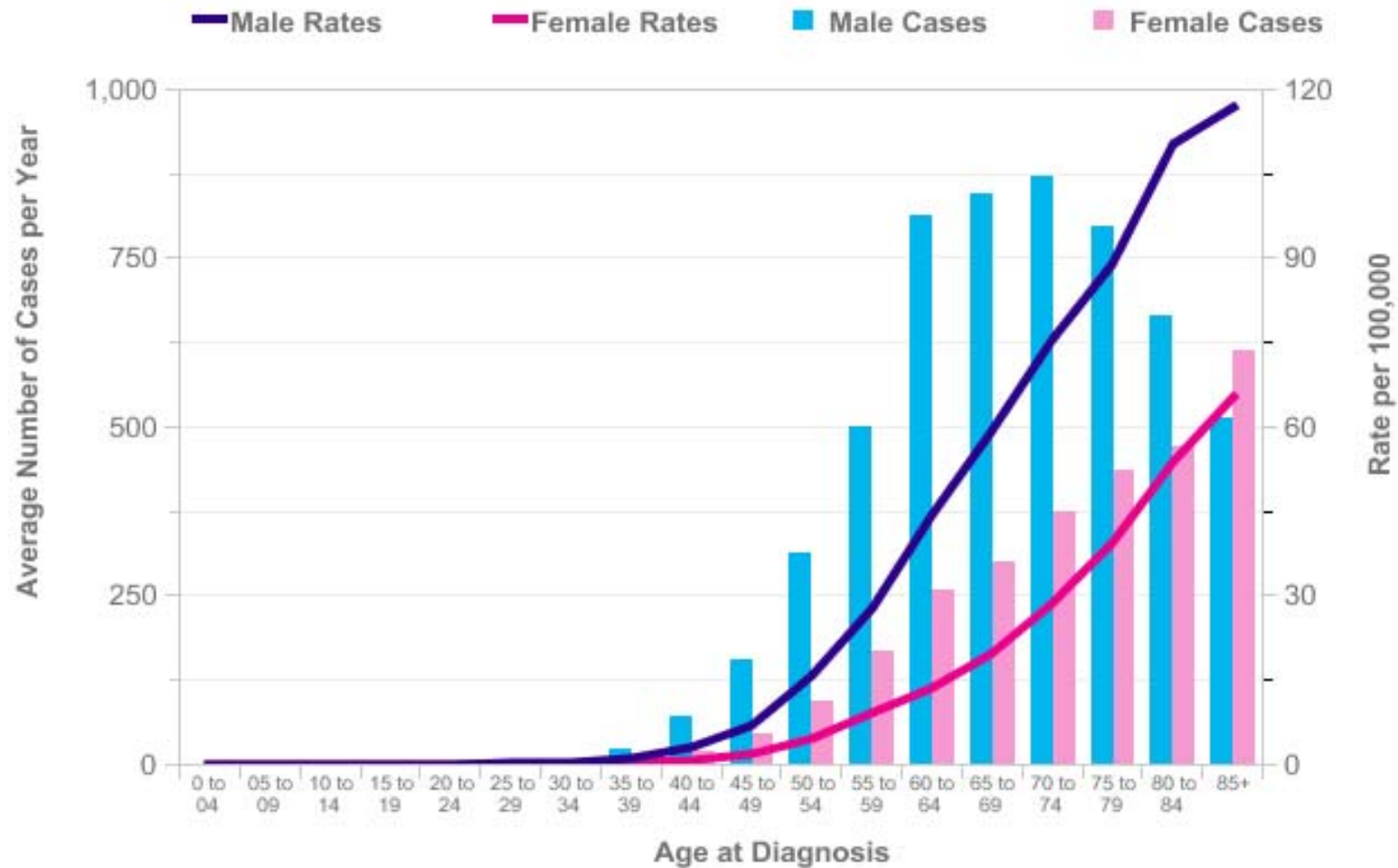
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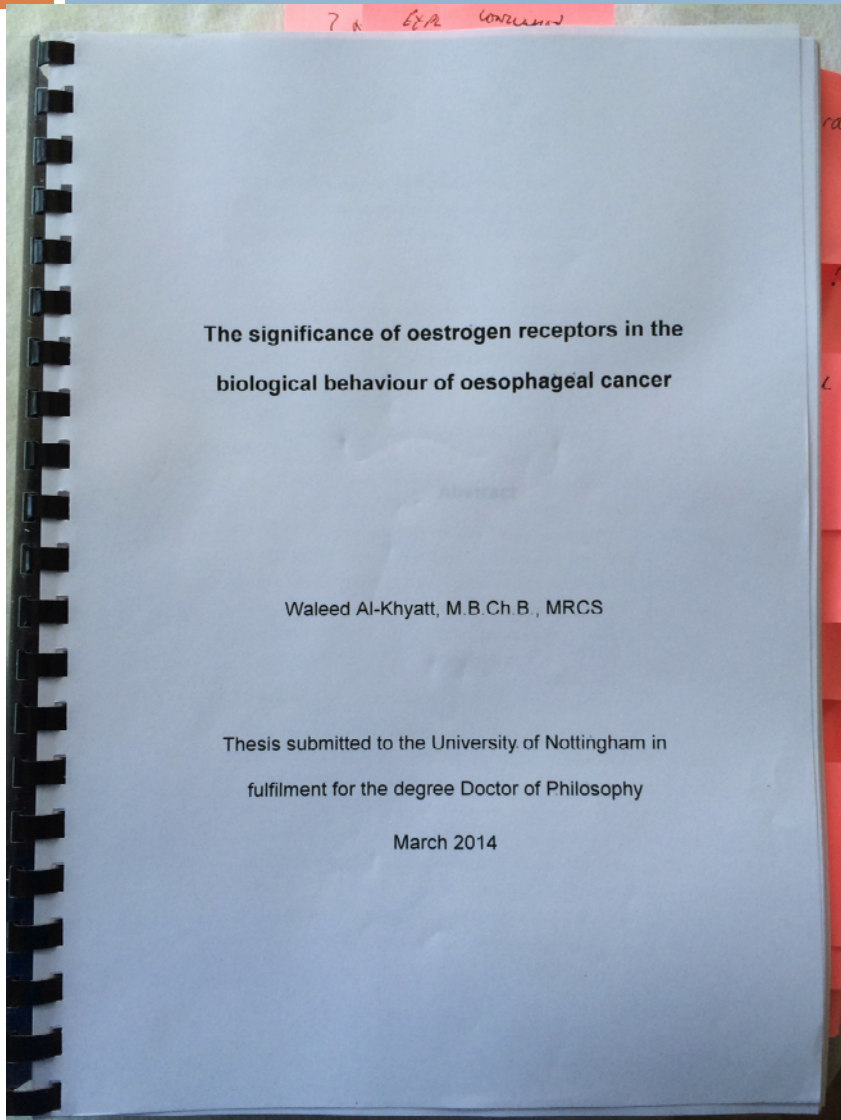


Better understanding of the
disease

Gender and oesophageal cancer



The significance of oestrogen receptors in the biological behaviour of oesophageal cancer



- Increase of oestrogen receptors in oesophageal cancer
- Blocking of oesophageal receptors may provide an additional treatment of oesophageal cancer



Better treatments

Better treatments



- **New drugs**
 - ⊙ Receptor blockers
 - ⊙ Immunotherapy
- **Tailoring treatments to individuals**
 - ⊙ What combination of chemo, DXT, surgery?
- **Better selection for surgery**
- **Endoscopic treatments for early disease**