



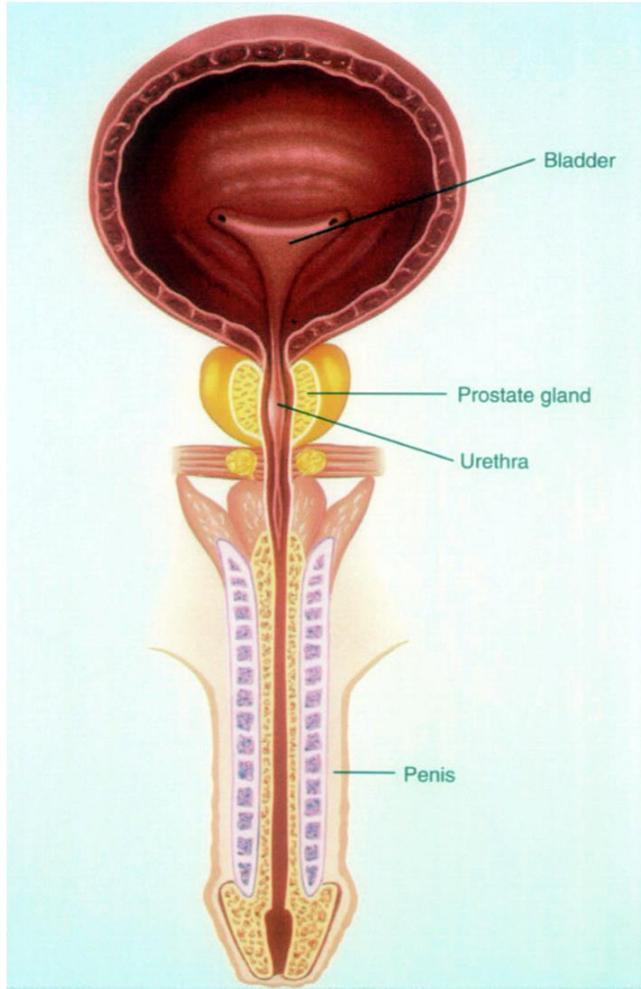
PROSTATE CANCER SCREENING

WHAT ALL MEN NEED TO KNOW

Prof. Chris Booth MBBS , FRCS

Clinical Director





PROSTATE CANCER

UK - The Hard Facts - 2015

47,151 new cases per year

11,819 deaths per year

23 deaths per 100,000 (EU: 19/100k)

78% alive at 5 years (EU: 84%)

Spending on PCa in 2014:

UK £6.7/capita

Holland £10.5/c

Germany £17.5/c





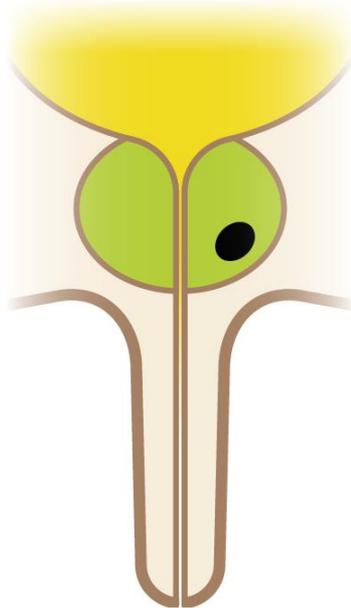
Early PCa - 49%

Inside the prostate
No symptoms

Cost

Prostatectomy:
£20-24k

Radiotherapy:
£15-18k



Curable

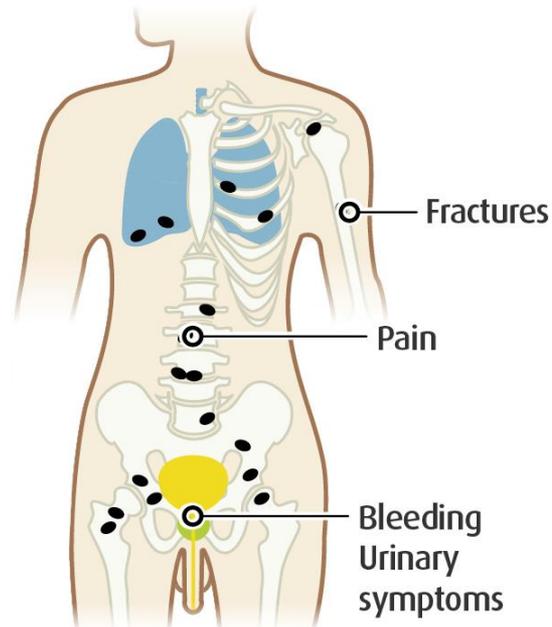
Late advanced PCa - 51%

Outside the prostate
Symptoms:

Cost

Drugs:
£300-400/month

Total cost:
£263,000



Incurable



SIGNIFICANT SCREENING PUBLICATIONS

Reduction in Mortality

- 2008: BJU Int, 101, 809-16
Tyrol Prostate Cancer Demonstration Project: 25% benefit
- 2009, '12, '14: NEJM, NEJM, Lancet
ERSPC 21% benefit
- 2010: Lancet Oncol, 11, 725-32 44% benefit
- 2014: BJU Int, 114, 323-25
Guideline of Guidelines
- 2015: Eur Urol, 65, 329-36 51% benefit
- 2018: Urology, 118:119-126 64% benefit





SCREENING

Who & How?

WHO

- No national screening programme
- Prostate Cancer Risk Management Programme:
 - All men > 50
 - Men "at risk":
 - white men (1 in 8)*
 - positive family history (x2 ↑)*
 - black men (1 in 4)*
 - obesity*





SCREENING

Who & How?

HOW WE SCREEN

- 1 Prostate Specific Antigen (PSA)
A simple blood test
- 2 Counselling & Consent
- 3 Result & Advice
- 4 mpMRI Prostate Scan
- 5 Prostate Biopsy
- 6 Treatment or Surveillance



TREATMENT

Caught early, PCa is curable - caught late, it aint!

- Early:**
- Radical Prostatectomy
 - Radical Radiotherapy **£15-24k**
 - Active Surveillance
 - New Minimally Invasive Treatments
- Late:**
- Hormonal Therapy
 - Chemotherapy **£263k**
 - Radiotherapy
 - Palliative Care

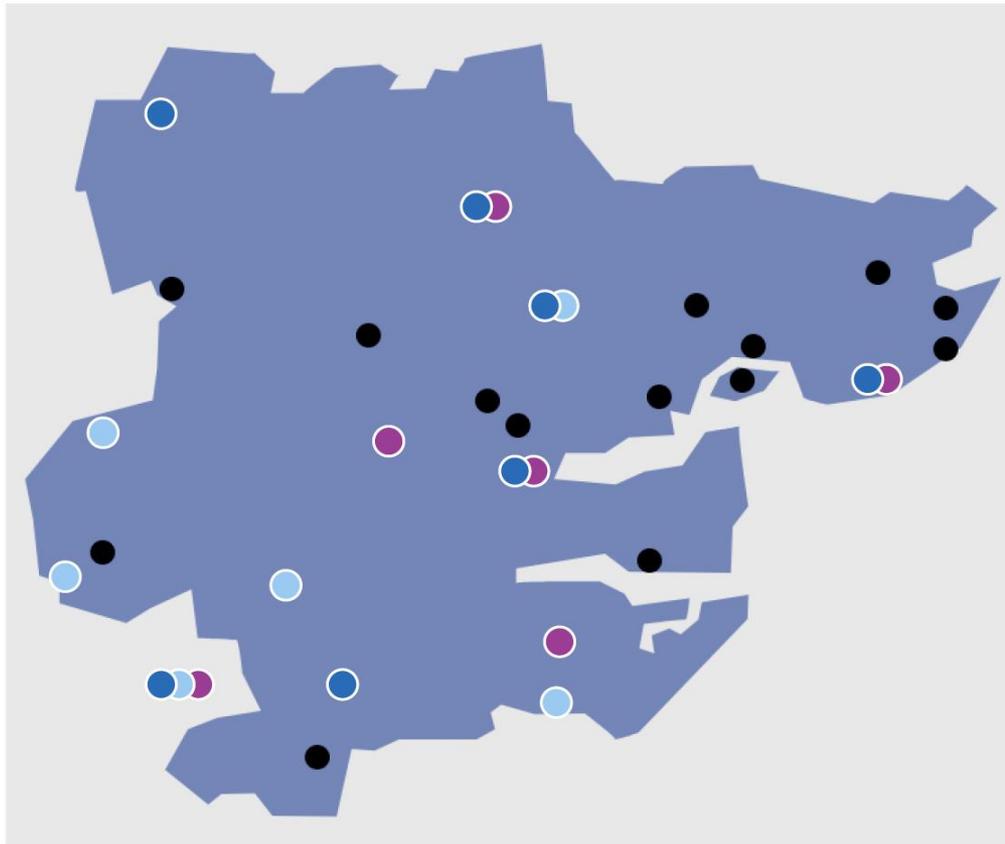


MASONIC EVENTS 2017-2019



RESULTS

	2017	2018
GREEN	327	263
AMBER	13	15
RED	23	13
TOTAL	363	291
CANCERS	13 (3.6%)	—



● 2017 EVENT
 ● 2018 EVENT
 ● 2019 EVENT (tbc)



MASONIC CHARITABLE FOUNDATION

CHAPS Grant Application

- For Essex Masons, their families and friends
- £45,000 at £15,000 per year to provide 3 year's FREE Prostate Cancer Screening
- Projected Costs:

ITEM	£
600 PSA tests @ £12 per test	7,200
600 Men's Health Booklets @ £2 each	1,200
600 Men's Health Passports @ £1 each	600
1000 Masonic Leaflets @ £1 each	1,000
Postage	100
600 Graham Fulford data registrations	100
6 Events @ 75% of 1 employee's monthly salary	4,500
Sundries, including travel	300
Total	15,000

