



## PROSTATE CANCER

### Queensland<sup>1,2</sup>

- ✳ 4,064 Queenslanders were diagnosed with prostate cancer in 2013, making it the most commonly occurring cancer in men (excluding non-melanoma skin cancer). Prostate cancer made up 28 per cent of all male cancers.
- ✳ 636 men died from prostate cancer in 2013 making it the second most common cause of male cancer deaths after lung cancer.
- ✳ Prostate cancer was responsible for 13 per cent of all male cancer deaths.
- ✳ The approximate lifetime risk of a Queensland male to be diagnosed with prostate cancer before the age of 85 is one in five.
- ✳ The approximate lifetime risk for a Queensland male to die of prostate cancer before the age of 85 is one in 23.
- ✳ In 2013, 71 per cent of all prostate cancer deaths occurred after age 74 years.
- ✳ 93 per cent of males diagnosed with prostate cancer will survive for at least five years.

### Australia<sup>3</sup>

- ✳ Prostate cancer is the most common form of cancer in Australian men (excluding non-melanoma skin cancer).
- ✳ After lung cancer, prostate cancer causes more deaths among Australian men than any other kind of cancer.
- ✳ Prostate cancer is rare before the age of 45.
- ✳ At least 80 per cent of prostate cancers occur in men aged 60 years and over, and 98 per cent of deaths from prostate cancer occur in men aged 60 years or over.
- ✳ After diagnosis, the majority of men survive for 10 years or more.<sup>4</sup>

### Detection and symptoms<sup>5</sup>

- ✳ The most common tests for prostate cancer are the PSA (prostate specific antigen) blood test, rectal examination and biopsy. Prostate screening approaches are still being investigated.
- ✳ The PSA test does not indicate with complete certainty that a person does or does not have prostate cancer – only one in three men with a higher than expected result are found to have prostate cancer. However, it does guide the decision about whether further tests could be beneficial.

<sup>1</sup> Queensland Cancer Registry 2015, *Cancer in Queensland, Incidence, Mortality, Survival and Prevalence 1982-2013*. Brisbane: Cancer Council Queensland, Queensland Health and QCR.

<sup>2</sup> Queensland Cancer Statistics On-Line, 2016. Viertel Cancer Research Centre, Cancer Council Queensland ([www.cancerqld.org.au/research/qcsol](http://www.cancerqld.org.au/research/qcsol)). Based on data released by the Queensland Cancer Registry (1982-2013; released December 2015)

<sup>3</sup> Australian Institute of Health & Welfare 2014. *ACIM (Australian Cancer Incidence and Mortality) books: Prostate cancer* (<http://www.aihw.gov.au/acim-books/>). Canberra: AIHW.

<sup>4</sup> Australian Institute of Health and Welfare, 2014. *Cancer in Australia: an overview, 2014*. Cancer series no 90, Cat. No. CAN 88. Canberra: AIHW

<sup>5</sup> Baade PD, Steginga SK, Aitken JF. Current Status of prostate cancer in Queensland: 1982 to 2002. Brisbane, Viertel Centre for Research in Cancer Control, Queensland Cancer Fund. 2005



- ✦ A biopsy is the only definitive way of telling whether you have prostate cancer.
- ✦ Unfortunately there is not yet a test available that is very good at differentiating between aggressive cancers and those which could be left alone. That's why it's important for men who are thinking about being tested to be fully aware of the pros and cons of testing, and to make a decision they are comfortable with on that basis.
- ✦ Men with a family history of prostate cancer may have increased risk themselves of developing prostate cancer. They are advised to see their doctor for ongoing management on a yearly basis beginning in their 40s.<sup>6</sup>
- ✦ In the early stages, prostate cancer does not usually produce any symptoms. Symptoms are caused by the prostate growing and causing the urethra to narrow.
- ✦ Men with symptoms suggestive of prostate disease are advised to see their doctor. In most cases the problems are due to benign (non-cancerous) enlargement of the prostate gland, but can also be due to cancer. Symptoms include:
  - Difficulty in passing urine or weak flow;
  - Passing urine more frequently than usual, especially at night;
  - Difficulty in starting the flow of urine;
  - Blood in urine;
  - Pain when passing urine; and
  - Any of the above symptoms combined with pain in the lower back, upper thighs or pelvic area.
- ✦ Most prostate cancers are slow growing, generally occur in men over 50 years and often do not shorten life. A man may have prostate cancer without it causing him any physical problems.<sup>7</sup>

## General information

- ✦ The prostate is a small gland, which is part of the male reproductive system. It produces a fluid that protects and enriches sperm. The prostate is about the size of a walnut and is located below the bladder. It is shaped like a doughnut, and the urethra passes through the centre. The urethra is the tube that empties urine from the bladder and passes semen through the penis<sup>8</sup>.
- ✦ Prostate cancer occurs when cells in the prostate keep growing when they don't need to.
- ✦ Only men can get prostate cancer because only men have a prostate.
- ✦ Men with any symptoms should see their doctor.

For more information about prostate cancer, please call 13 11 20.

**Disclaimer:** The information in this publication should not be used as a substitute for advice from a properly qualified medical professional who can advise you about your own individual medical needs. It is not intended to constitute medical advice and is provided for general information purposes only. Information on cancer, including the diagnosis, treatment and prevention of cancer, is constantly being updated and revised by medical professionals and the research community.

Cancer Council Queensland does not warrant that the information in this publication is correct, up to date or complete nor that it is suitable for any particular purpose. Your use of the information in this publication is at your own risk. To the fullest extent permitted by law, Cancer Council Queensland does not accept any liability for any reliance placed on information that is not correct, complete or up to date, or that is not suited to the purpose for which it was relied upon. If any warranty or guarantee cannot by law be excluded, then, to the extent permitted by law, Cancer Council Queensland's liability for such warranty or guarantee is limited, at Cancer Council Queensland's option, to supplying the information or materials again or paying the cost of having the information or materials supplied again.

<sup>6</sup> Queensland Cancer Fund 2004, *Understanding Treatment for Advanced Prostate Cancer* [brochure], Queensland Cancer Fund.

<sup>7</sup> The Cancer Council NSW 2006. Retrieved November 2006, from [www.mydr.com.au](http://www.mydr.com.au).

<sup>8</sup> The Cancer Council Queensland. Finding prostate cancer early.