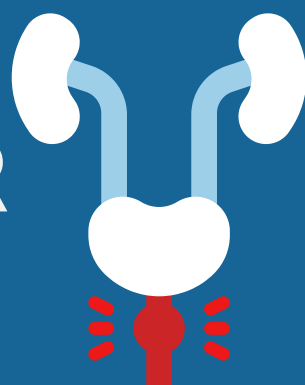


PROSTATE CANCER



Prostate cancer that develops in cells of the prostate. **Number 1 cancer** in men, and 4th most common cancer in Canada^{1,2,3}

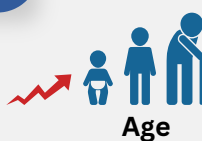
AFFECTS^{1,2}



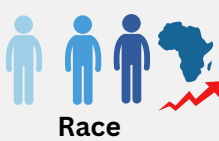
>50years

African, Caribbean and Black (ACB) men are likely to be affected, have advanced form of the disease, and/or die from the disease than other races

RISK FACTOR^{1,2,3}



Age



Race



Family history



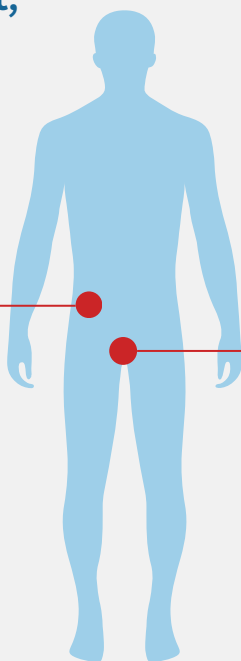
Inherited gene mutations

SYMPTOMS^{1,4}

When present,



Long standing back or pelvic pain

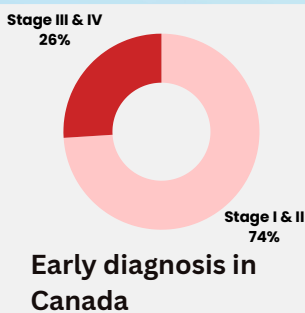


Urinary problems

- Difficulty in starting urination
- Pain during urination
- Weak flow of urine, Increased frequency of urination especially at night
- Blood in urine

Most people show no symptoms

PREVENTION^{1,3,4} / SCREENING



Early diagnosis in Canada

No standard screening tests

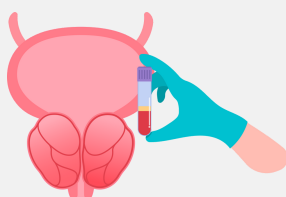
However, **Prostate Specific Antigen (PSA) Test** may be recommended between **age 55 – 69 years** after a discussion with the doctor on benefits and harms of the screening

DIAGNOSIS¹



No known prevention strategy

Prostate biopsy



Procedure involving taking a small piece of the prostate to check under the microscope for cancer cells

TREATMENT/^{1,2} MANAGEMENT



Expectant management (Active surveillance)



Surgery

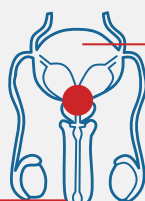


Radiation therapy

COMPLICATION¹



Impotence



Loss of bladder control or **rectal problems** may occur following surgery or radiation therapy

Sources

1. Division of Cancer Prevention and Control, Centers for Disease Control and Prevention. Basic Information About Prostate Cancer [Internet]. Centre for Diseases Control and Prevention. 2019 [cited 2024 Feb 1]. Available from: https://www.cdc.gov/cancer/prostate/basic_info/index.htm
2. Kikachukwu Otiono, Nkongwe B, Olaiya OR, Pierre S. Prostate cancer screening in Black men in Canada: a case for risk-stratified care. Prostate cancer screening in Black men in Canada: a case for risk-stratified care. 2022 Oct 23;194(41):E1411-5.
3. Canada PHA of. Prostate cancer [Internet]. www.canada.ca. 2017. Available from: <https://www.canada.ca/en/public-health/services/publications/diseases-conditions/prostate-cancer.html>
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