

# Purpose To provide overview of Prostate Cancer To discuss the role of health education and outreach To highlight the importance of Informed Decision Making

### What is Prostate Cancer?

NCI

- Prostate cancer starts from the prostate gland which is:
  - Found below the bladder and in front of the rectum
  - The size of a walnut or golf ball
  - Makes the fluid that is part of semen



## How many men get prostate cancer and die from it?

• USA (in 2010--estimate)

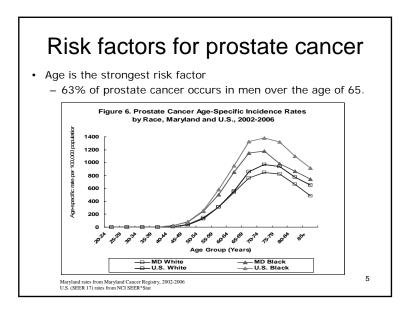
 – 217,730 new cases of prostate cancer will be diagnosed

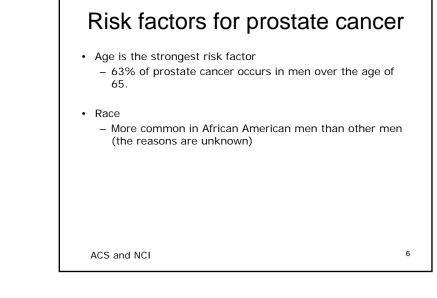
- 32,050 men will die from prostate cancer
- Maryland (in 2010--estimate)
  - 4,010 men will be diagnosed with prostate cancer
  - 650 will die from it

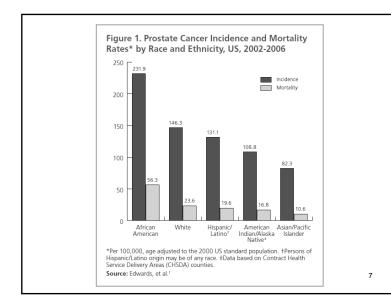
American Cancer Society, 2010

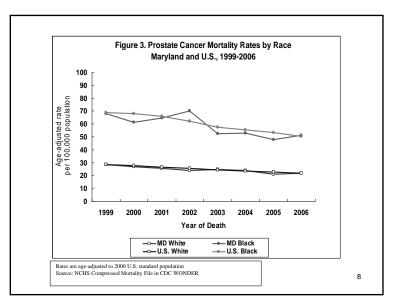
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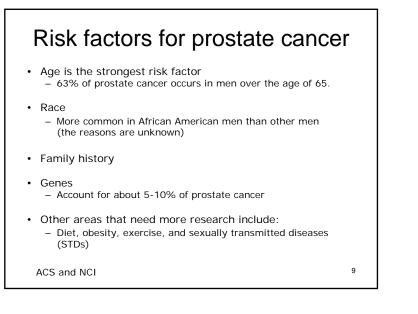
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### What is the lifetime risk of prostate cancer?

- African American man

   19% chance
   (1 in 5) of being
   diagnosed with
   prostate cancer
  - 5% chance
     (1 in 20) of dying from prostate
     cancer
- General population
   16% chance
  - (1 in 6) of being diagnosed with prostate cancer
  - 3% chance
     (1 in 33) of dying from prostate cancer

CDC

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### Men who are most likely to benefit from prostate cancer screening

Men may benefit from having a "baseline" PSA test at age 40, especially men at higher risk of prostate cancer.

The frequency of PSA testing is then based on the baseline PSA result.

Men who will benefit most from prostate cancer screening are 50-69 years of age who have at least a 10 year life expectancy.

Men 75 years of age or older should talk to their doctors before screening.

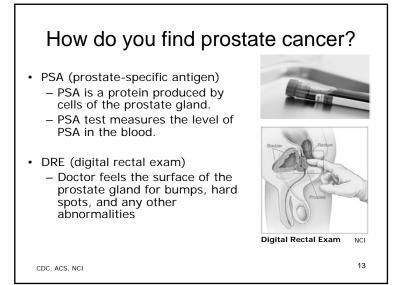
DHMH – Prostate Cancer Minimal Elements, 2010

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#### Symptoms for prostate cancer

- Prostate cancer <u>may not</u> produce symptoms in its early stages. A man can look healthy, feel fine, and not know he may have a problem.
- If signs and symptoms are present, they may include:
  - blood in the urine;
  - the need to urinate frequently, especially at night;
  - weak or interrupted urine flow;
  - pain or a burning feeling while urinating;
  - inability to urinate; and
  - regular pain in the lower back, pelvis, or upper thighs.

CDC, ACS, NCI



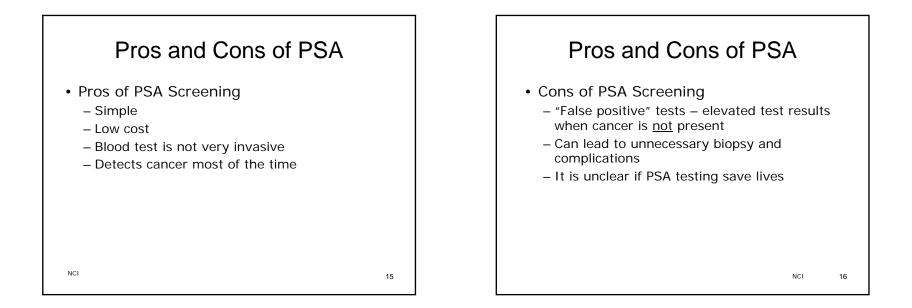
# What can increase PSA level? Prostate cancer BPH (benign prostatic hyperplasia) Enlargement of the prostate gland (not cancer) Age

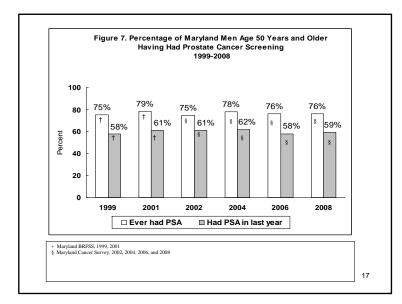
- PSA level tends to go up with age
- Prostatitis
   Infection/inflammation on the prostate gland
- Ejaculation
  - Increases PSA levels for a short time
  - Men are asked to abstain from ejaculation for 2 days before testing

Clearly, factors other than prostate cancer can increase  $\ensuremath{\mathsf{PSA}}$  level.

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ACS, NCI



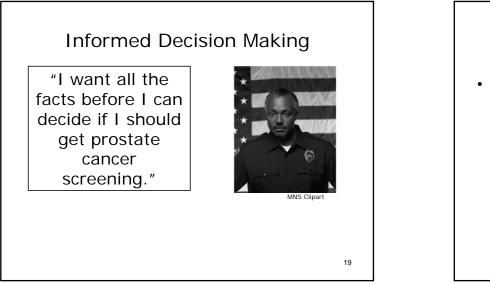


### Can prostate cancer be prevented?

- It is not known yet how to prevent prostate cancer.
- However the key behaviors in cancer prevention, such as:
  - not-smoking,
  - healthy diet,
  - physical activity, and
  - healthy weight

help to lower the risk of many types of cancer, while also reducing the risk of heart disease, diabetes, and stroke

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### The role of education and outreach

- Encourage men to speak with their doctors to learn more about:
  - their personal risks for prostate cancer,
  - options for early screening, and
  - the pros and cons of prostate cancer detection and treatment.

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### The role of education and outreach

- Educate men about prostate cancer including:
  - Risk factors for prostate cancer
  - Symptoms for prostate cancer
  - Screening tests
  - Conditions other than prostate cancer that can elevate the PSA
- Provide men accurate information about prostate cancer screening using publications from credible sources (e.g., ACS, NCI, DHMH)

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### The role of education and outreach

- Inform men that the decision to get prostate cancer screening is between them and their doctor
- The Health Educators and Outreach Workers should encourage men to speak with their doctors to make an informed decision, and to get tested if they decide to.

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