



Prostate Cancer: An Overview

Today

- ▶ Prostate cancer is the second most common cancer in the United States.¹
- ▶ Prostate cancer is the second leading cause of cancer related deaths in men, with 30,350 prostate cancer related deaths predicted in 2005 alone.²
- ▶ Prostate cancer makes up one-third of all cancer cases in men.³
- ▶ There will be a projected 232,090 prostate cancer cases in men this year.²
- ▶ There are more than two million American men currently living with prostate cancer.⁴
- ▶ One new case of prostate cancer occurs every 2.5 minutes, and a man dies from prostate cancer every 17 minutes.⁴

In a Lifetime

- ▶ The chance that a man will be diagnosed with prostate cancer in his lifetime is 1 in 6.⁵
- ▶ The chance that a man will die from the disease is 1 in 33.³
- ▶ By age 50, about one-third of American men have microscopic signs of prostate cancer.⁶
- ▶ African-American men have about a 60% higher incidence rate than Caucasian men, and a mortality rate that is 2-times that of their white counterparts.⁷

Testing and Costs

- ▶ Recent studies indicate current detection and diagnoses methods often produce inaccurate results.⁸

¹ National Cancer Institute, <http://www.cancer.gov/cancertopics/wyntk/prostate>

² National Cancer Institute, Seer Cancer Statistics Review 1975-2002, http://seer.cancer.gov/csr/1975_2002/results_merged/sect_01_overview.pdf

³ American Cancer Society Cancer Statistics 2005 Presentation, http://www.cancer.org/docroot/PRO/content/PRO_1_1_Cancer_Statistics_2005_Presentation.asp

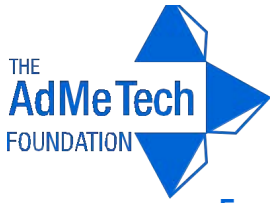
⁴ Prostate Cancer Foundation, http://www.prostatecancerfoundation.org/site/c.itlWK2OSG/b.47423/k.F10C/Prostate_cancer_is_the_most_common_cancer_in_America.htm

⁵ National Cancer Institute, http://seer.cancer.gov/statfacts/html/prost.html?statfacts_page=prost.html&x=13&y=14

⁶ National Cancer Institute, <http://www.cancer.gov/cancertopics/understanding-prostate-cancer-treatment/allpages#f96936a3-c19a-405f-8298-cd13afd3e20f>

⁷ National Cancer Institute, <http://seer.cancer.gov/publications/prostate/incidence.html>

⁸ *PSA Test No Longer Gives Clear Answers*. Gina Kolata. New York Times: June 20, 2005. citing The Journal of the American Medical



For the Advancement of Medical Technologies



- ▶ Doctors at the University of Texas Health Science Center at San Antonio studied 5,000 men over a seven-year period. Research revealed men with PSA levels as low as 1.0 developed prostate cancer while others with much higher PSAs did not.⁸
- ▶ Not including pathology costs, a prostate biopsy costs approximately \$900 (with Medicare, the cost is around \$400).⁹
- ▶ The cost of a one-time prostate cancer screening of U.S. men over 50 years of age has been estimated at between \$12 billion and \$28 billion.¹⁰
- ▶ The total discounted cost per patient for a combined digital rectal examination and PSA measurement is estimated to range from \$161 to \$414.¹⁰

⁸ *PSA Test No Longer Gives Clear Answers*, Gina Kolata, New York Times: June 20, 2005, citing The Journal of the American Medical Association, July 6 2005 issue

⁹ Neal D. Shore, MD, FACS, Medical Director, Carolina Urologic Research Center

¹⁰ The American Medical Association, www.ama-assn.org/ama/pub/category/13604.html