



Prostate Cancer

Prostate cancer is the most frequently occurring cancer and the second-leading cause of cancer-related deaths in men in the United States. Education and screening programs have increased early diagnoses. Although there are some encouraging signs of death rates falling, 28,000 American men will still die each year. This number will likely grow as baby boomers reach the age of highest risk.

Compared to some other cancers, little is known about the root causes of prostate cancer and what makes the disease progress aggressively in some men, while remaining latent in others. Today, physicians are challenged to identify appropriate treatment options to save lives without overtreating patients. With prostate cancer, survival must often be achieved through therapies that cause long-term complications that can greatly diminish quality of life.



Creating Hope Through Science

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awareness

prostate cancer

AMC Cancer Fund is dedicated to raising awareness and funds for the University of Colorado Cancer Center to support its outstanding programs in cancer prevention, care, education, research and service to the nation.

Visit www.amc.org and learn more about the different ways to support AMC Cancer Fund.

- Make a Donation
- Sponsor one of our annual events
- Participate in or implement a workplace giving program
- Become a volunteer

Information for this brochure provided by the University of Colorado Cancer Center, University of Colorado Hospital and University of Colorado Foundation.



Creating Hope Through Science

celebrate survival!

Early Detection

Prostate cancer has no standard or routine screening test. But being aware of the risks will help increase the likelihood of an early diagnosis. Risk factors include:

- Being 50 years of age or older.
- Being black.
- Having a brother, son, or father who had prostate cancer.
- Eating a diet high in fat or drinking alcoholic beverages.

Fortunately, tests to detect prostate cancer are currently being studied and researchers hope that soon, innovative combinations of MRI technology, needle biopsy, ultrasound and nuclear medicine will identify cancer and determine prognosis with greater accuracy.

Treatment

Precise staging and pinpointing the exact location of disease is critical in prostate cancer. For many men, radiation is essential.

For more advanced patients, oncologists provide a combination of high-dosed radiation with Intensity Modulated Radiation Therapy. The University of Colorado Cancer Center is the only facility in the state approved to offer this treatment.

Prevention

Understanding the biologic and genetic basis of prostate cancer is the key to finding preventive measures for prostate cancer.

This could include dietary supplements, natural products that inhibit tumor growth or vaccinations that prevent recurrence of prostate cancer after treatment.

AMC Cancer Fund supports the physicians and researchers at the University of Colorado Cancer Center (UCCC) who are leaders in the tremendous surge in research that is contributing new knowledge about diagnosis, treatment and prevention of prostate cancer.

UCCC is one of 40 comprehensive cancer centers designated by the National Cancer Institute, and the only one in the Rocky Mountain region. To earn this distinction, UCCC must demonstrate equal strength in research, patient care and education through a competitive grant process.



Translational and Collaborative Approach to Care

Cancer patients of the University of Colorado Cancer Center are treated with multidisciplinary teams of experts that include oncologists, pathologists, geneticists, surgeons, radiation therapists, counselors and nurse navigators.

Clinicians and researchers work together to ensure that the science discovered in the lab is quickly and efficiently translated to new treatments for patients. This collaboration is vitally important to advancing not only the discoveries of the causes of cancer from a biological level, but the most effective way to treat cancer in humans.

your support helps...

- discover advanced surgical and pharmaceutical techniques that reduce side effects and preserve quality of life.
- research about targeted chemotherapies that use nanoparticles to carry drugs directly and exclusively to destroy cancer cells, eliminating side effects associated with surgery and radiation while saving lives.
- new molecular discoveries that provide insight into how genetics, chemistry and hormones contribute to prostate cancer, helping researchers understand how to treat the disease.
- a national network of research centers so patients can access new treatment protocols that are not available elsewhere.
- the Prostate Cancer Research Initiative, a model of cooperative research, brings together top surgeons, oncologists and radiologists from around the United States to deploy state-of-the-art technologies, partner with industry and train the best minds to change the face of prostate cancer forever.

The 5-year survival rates for prostate cancer patients treated at the University of Colorado Cancer Center are higher than anywhere else in the Rocky Mountain region.