### Stages of Prostate Cancer

- **Stage I, II, or III prostate cancer**: The cancer is localized and has not spread outside of the prostate.
- **Stage IV prostate cancer and beyond**: The cancer has spread outside the prostate to other locations, such as the bones, distant lymph nodes, another organ, or place in the body.

### Advanced Prostate Cancer Symptoms May Include

- Urinary symptoms, such as urinary frequency, feeling of incomplete emptying or weak urinary flow.
- Bone pain, commonly in the spine, back, or pelvis.
- Heightened risk of fracture.
- Blood clots and/or lower extremity swelling.
- Kidney dysfunction.
- Fatigue and/or general malaise.

### Glossary Terms

**Biomarker Testing (molecular testing)**: Laboratory testing that identifies certain genes, proteins, or other molecules in a sample of tissue, blood, or other body fluid. In cancer, it may also be used to evaluate treatment or to make a prognosis.

**Immunotherapy**: Type of therapy that harnesses one’s own immune system to help the body fight cancer, infection, and other diseases.

**Microsatellite Instability (MSI)**: The presence of MSI may help determine a treatment plan.

**Mismatch Repair Deficiency**: An inability to correct DNA replication errors, leading to an increased cancer risk.

**Metastatic Castration-Resistant Prostate Cancer (mCRPC)**: The cancer has spread beyond the prostate, and it is resistant to treatments that lower the amount of male sex hormone in a patient’s body.

**PARP Inhibitors**: A type of targeted treatment that inhibits the enzyme poly (ADP-ribose) polymerase.

**Prostate-Specific Antigen (PSA)**: Protein produced by normal, as well as malignant, cells of the prostate gland. The PSA test measures the level of PSA in the blood.

**PSMA-Targeted Imaging**: Prostate-specific membrane antigen imaging.

### Prostate Cancer Resources

- **American Urological Association (AUA)**: [auanet.org](http://auanet.org)
- **CancerGRACE**: [cancergrace.org](http://cancergrace.org)
- **Cure**: [curetoday.com](http://curetoday.com)
- **FORCE**: [facingourrisk.org](http://facingourrisk.org)
- **ZERO - The End of Prostate Cancer**: [zerocancer.org](http://zerocancer.org)

### What Helps Understand a Patient’s Disease?

- Biopsy
- Gleason score
- Prostate-specific antigen (PSA)
- MRI
- Bone scan
- CAT scan
- PSMA PET scan

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