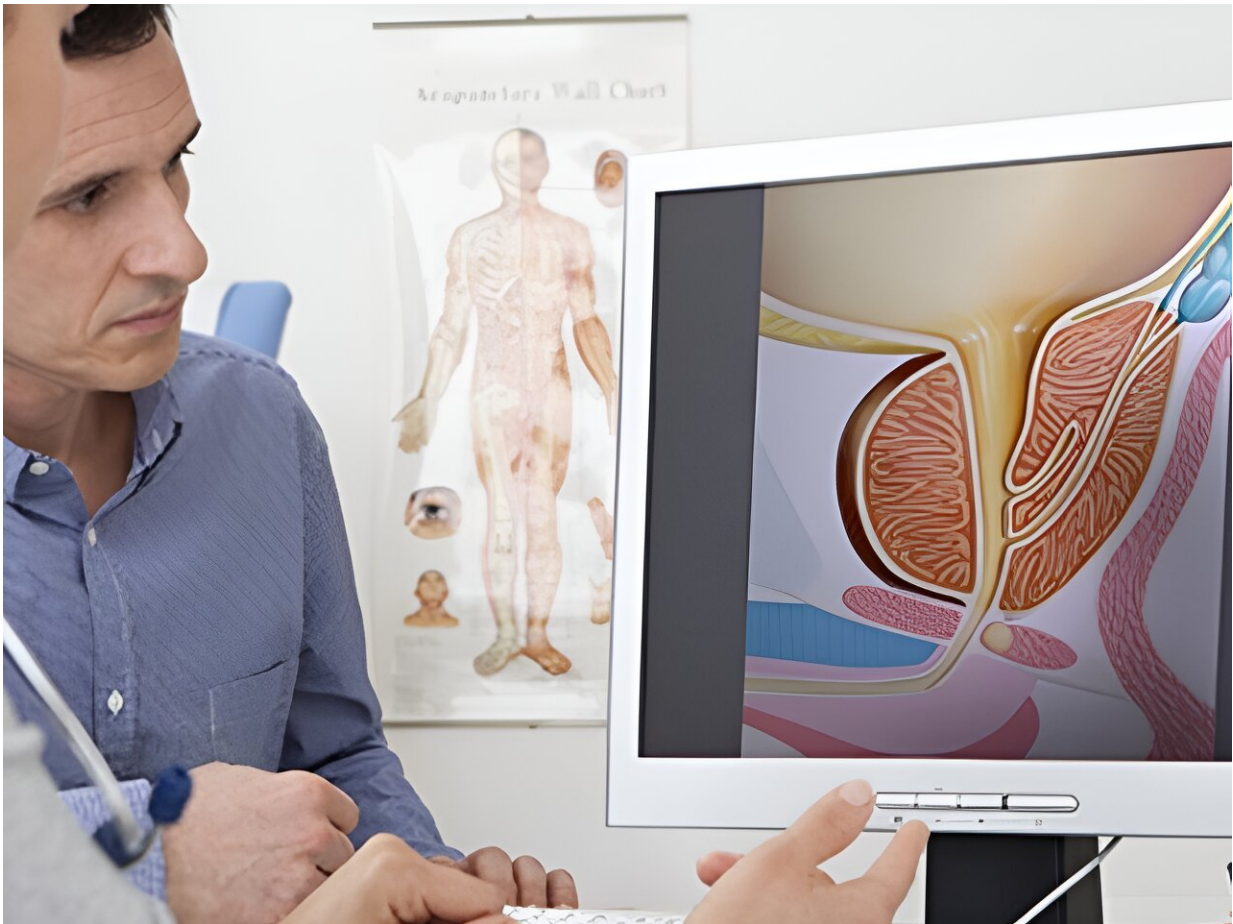


Survival similar for Black, White prostate cancer patients in clinical trial setting

August 4 2023, by Elana Gotkine



For metastatic castration-sensitive prostate cancer (mCSPC), overall

survival and progression-free survival are similar for Black and White patients receiving first- or second-generation androgen receptor pathway inhibitors within a clinical trial, according to a study published online Aug. 1 in *JAMA Network Open*.

Nicolas Sayegh, M.D., from the University of Utah in Salt Lake City, and colleagues conducted a secondary analysis of patient-level data of a prospective phase 3 randomized clinical trial including patients with newly diagnosed mCSPC to compare survival outcomes by race. Patients receiving [androgen deprivation therapy](#) were randomly assigned to receive orteronel 300 mg orally twice daily (experimental group) or bicalutamide 50 mg orally daily (control group).

Data were included for 1,313 participants: 10 and 82 percent identified as Black and White, respectively, with an equal racial distribution between the treatment groups.

The researchers found that Black and White patients had similar median [progression-free survival](#) (2.3 years versus 2.9 years) and overall survival (5.5 years versus 6.3 years) at a median follow-up of 4.9 years. After adjustment for known prognostic factors, the multivariable analysis confirmed similar progression-free and overall survival. There was no interaction observed between race and treatment.

"These results support the hypothesis that equitable access to care as available in a clinical trial setting negates disparities in outcomes previously associated with Black patient populations," the authors write.

Several authors disclosed ties to the biopharmaceutical industry.

More information: Nicolas Sayegh et al, Race and Treatment Outcomes in Patients With Metastatic Castration-Sensitive Prostate Cancer, *JAMA Network Open* (2023). [DOI:](#)

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