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Decreased intratumoral CD4 T effector cell densities are associated with a higher risk of lymph node metastasis. Future evaluation of CD4-based assays on prostate cancer diagnostic biopsy materials may improve selection of at-risk patients for the treatment of lymph node metastasis.

### Association of Urinary MyProstateScore, Age, and Prostate Volume in a Longitudinal Cohort of Healthy Men: Long-term Findings from the Olmsted County Study 30

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In a longitudinally screened population of men with no evidence of prostate cancer, the urine-based PCA3 score, T2:ERG score, and the composite MyProstateScore each demonstrated less variability with noncancer factors (age, prostate volume) than serum prostate-specific antigen (PSA) did. These findings are consistent with the cancer-specific biology of these markers and reflect their promise in reducing the morbidity associated with PSA-based early detection.

### A Prospective Study of the Relationship Between Clinical Outcomes After Enzalutamide and Serum Androgen Levels Measured via Liquid Chromatography-tandem Mass Spectrometry in Patients with Castration-resistant Prostate Cancer 59

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The effect of enzalutamide was significantly better for cases with high blood androgen levels before treatment. In addition, the incidence of adverse events of anorexia, malaise, and fatigue tended to be low. These results suggest that serum androgen levels before enzalutamide treatment may be useful for predicting efficacy, prognosis, and the incidence of adverse events.

### The Role of Cytoreductive Radical Prostatectomy in the Treatment of Newly Diagnosed Low-volume Metastatic Prostate Cancer. Results from the Local Treatment of Metastatic Prostate Cancer (LoMP) Registry 68

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In selected patients, cytoreductive radical prostatectomy is able to achieve similar overall survival and cancer-specific survival to radiotherapy.

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	In prostate cancer, lower ATM intensity is associated with increased cancer-specific mortality. Combining ATM with PTEN, patients with lower ATM and negative PTEN expression showed lower overall survival and prostate-specific mortality independent of Gleason grade group. Lower ATM/PTEN-negative tumors showed 2.5 times higher risk for cancer mortality compared with controls. Lower ATM/PTEN negative expression showed a decrease in overall survival and an increase in cancer mortality of about 3 and 4 yr, respectively.	
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	Increased density of B cells, CD163+ macrophages, and PD-L1 protein expression in the tumor microenvironment, dictate sexual dimorphism and inferior clinical outcomes in non-muscle-invasive bladder cancer.	
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	A pigtail suture stent significantly reduced stent-related symptoms compared to a conventional double J stent, in particular urinary symptoms and pain. We suggest the use of a pigtail suture stent rather than a double J stent after uncomplicated ureteroscopy performed for renal or proximal to mid-ureteral stones.	
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