

Supplementary Material: Clinical Utility of Prostate Health Index for Diagnosis of Prostate Cancer in Patients with PI-RADS 3 lesions

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Table S1. Baseline characteristics of patients with prostate cancer.

Variables	Overall PCa	Clinically		<i>p</i>
		Insignificant PCa	Significant PCa	
No. of patients, <i>n</i> (%)	121 (100.0)	62 (51.2)	59 (48.8)	
Age, years				0.625
Median (IQR)	65.0 (60.0–70.0)	65.0 (60.0–70.0)	64.0 (61.0–68.0)	
Mean (SD)	64.4 (7.3)	64.8 (7.3)	63.9 (7.1)	
Total PSA, ng/ml				0.389
Median (IQR)	6.85 (4.31–10.18)	6.74 (4.31–9.52)	6.98 (4.40–10.18)	
Mean (SD)	9.31 (9.21)	9.10 (8.39)	9.40 (10.1)	
Prostate volume, ml				0.850
Median (IQR)	34.6 (23.9–44.1)	34.6 (23.9–44.1)	34.5 (24.0–42.9)	
Mean (SD)	36.7 (18.0)	36.5 (15.2)	37.2 (18.6)	
PSAD				0.525
Median (IQR)	0.20 (0.10–0.23)	0.19 (0.10–0.21)	0.20 (0.11–0.23)	
Mean (SD)	0.25 (0.19)	0.25 (0.18)	0.25 (0.20)	
%fPSA				0.240
Median (IQR)	11.5 (9.9–18.3)	11.9 (10.2–18.3)	11.2 (9.9–17.8)	
Mean (SD)	14.1 (6.7)	14.5 (6.9)	13.3 (7.4)	
p2PSA, pg/ml				0.287
Median (IQR)	24.24 (18.62–38.74)	22.60 (18.62–37.30)	26.41 (21.33–38.74)	
Mean (SD)	27.62 (7.49)	25.30 (8.77)	29.14 (7.67)	
%p2PSA				0.182
Median (IQR)	1.81 (1.49–2.23)	1.74 (1.49–2.06)	1.91 (1.64–2.23)	
Mean (SD)	2.05 (1.55)	2.01 (1.55)	2.17 (1.78)	
PHI				0.224
Median (IQR)	46.5 (35.0–62.1)	44.6 (35.0–57.8)	48.1 (38.1–62.1)	
Mean (SD)	51.6 (19.5)	49.3 (18.1)	52.9 (20.1)	
Biopsy Gleason grade, <i>n</i> (%)				
6	62 (51.2)	62 (100.0)		
7 (3+4)	47 (38.9)		47 (79.7)	
8	12 (9.9)		12 (20.3)	

Table S2. Cancer detection on target, off target and whole prostate.

Variables	N = 392
Systemic biopsy	
Benign	337 (86.0)
Gleason grade, <i>n</i> (%)	
6	35 (8.9)
7 (3+4)	18 (4.6)
8	2 (0.5)
Target biopsy	
Benign	271 (69.1)
Gleason grade, <i>n</i> (%)	

6	62 (15.8)
7 (3+4)	47 (12.0)
8	12 (3.1)
Systemic + target biopsy	
Benign	253 (64.5)
Gleason grade, <i>n</i> (%)	
6	72 (18.4)
7 (3+4)	55 (14.0)
8	12 (3.1)
