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Supplementary Table 1. Correlation analysis between urinary and erectile function, quality of life and age at different time points presented with Pearson correlation coefficients.

	Baseline	1 Year	3 Years	5 Years	7 Years	9 Years	11 Years	13 Years	15 Years
IPSS score and IPSS QoL	.679*	.730*	.762*	.684*	.718*	.644*	.754*	.763*	NA
IIEF15 Erectile Function and Overall satisfaction domains	.655*	.668*	.650*	.687*	.574*	.532*	.653*	.568	NA
Total IIEF15 score and Age	-.385*	-.285*	-.389*	-.323*	-.468*	-.192	-.272	-.601	NA

IIEF-15 = International Index of Erectile Function questionnaire; IPSS = International Prostate Symptom Score, IPSS QoL = The IPSS questionnaire's final item that evaluates the patient's subjective satisfaction with their current urinary condition. * p-value <0.05, that indicates a statistically significant correlation.

Supplementary Table 2. Correlation analysis between total IIEF15 scores and related factors at baseline and at 7 years of follow-up presented with Pearson correlation coefficients.

Correlated factors	Pearson correlation coefficients
IIEF15 / PSA level at the baseline ^a	-.038
IIEF15 / Prostate volume at the baseline ^a	-.085
IIEF15/ Number of biopsies at 7 years of follow-up ^b	.018
IIEF15 / Number of biopsy cores 7 years of follow-up ^b	.078

IIEF-15 = International Index of Erectile Function questionnaire; IPSS = International Prostate Symptom Score

^a Correlation analysis was performed using Pearson correlation at only baseline

^b Correlation analysis was performed using Pearson correlation at 7 years follow-up comparing biopsy rounds and total number of cores with 7 years IIEF15 scores. This timepoint is chosen because the majority of biopsies were performed by this time

Supplementary Table 3. Significance of the differences between IIEF15 and IPSS absolute scores at baseline and at the time of follow-up presented with p-values, p <0,05 indicates a statistically significant change.

IIEF-15 = International Index of Erectile Function questionnaire; IPSS = International Prostate Symptom Score

	1 Year	3 Years	5 Years	7 Years	9 Years	11 Years	13 Years	15 Years
No. of returned IIEF-15 questionnaires	191	130	75	65	38	25	11	2
IIEF-15 Score	0.85	0.16	0.009	<0.001	<0.001	0.006	0.01	0.18
Erectile function	0.83	0.99	0.02	<0.001	0.002	0.03	0.01	0.18
Orgasmic function	0.49	0.45	0.47	0.003	<0.001	0.001	0.01	0.18
Sexual desire	0.112	0.57	0.11	0.007	0.23	0.013	0.013	0.32
Intercourse satisfaction	0.32	0.18	0.036	<0.001	<0.001	<0.001	0.034	0.18
Overall satisfaction	0.31	0.26	0.83	0.18	0.27	0.53	0.63	0.32
No. of returned IPSS questionnaires	203	136	77	68	47	26	11	2
IPSS Score	0.055	<0.001	0.04	0.03	0.55	0.13	0.32	0.09
IPSS	0.36	0.08	0.46	0.61	0.91	0.50	0.72	0.50