

S3 Table. Univariable Cox proportional hazard model for clinicopathological variables

	No.	Bladder recurrence-free survival (n=162, event=58)			Disease progression-free survival (n=162, event=48)			Overall survival (n=162, event=19)		
		No. (%)	HR (95% CI)	p-value	No. (%)	HR (95% CI)	p-value	No. (%)	HR (95% CI)	p-value
Age	162	58 (35.80)	1.00 (0.98-1.03)	0.859	48 (29.63)	1.03 (1.00-1.06)	0.100	19 (11.73)	1.03 (0.98-1.08)	0.223
Intravesical instillation										
No	103	7 (6.80)	1 (ref)		41 (39.81)	1 (ref)		14 (13.59)	1 (ref)	
Yes	59	51 (86.44)	22.08 (9.96-48.94)	< 0.001	7 (11.86)	0.22 (0.10-0.49)	< 0.001	5 (8.47)	0.43 (0.15-1.20)	0.108
ISUP										
Low	32	19 (59.38)	1 (ref)		5 (15.63)	1 (ref)		2 (6.25)	1 (ref)	
High	120	39 (32.50)	0.57 (0.33-0.98)	0.042	41 (34.17)	3.02 (1.19-7.68)	0.020	16 (13.33)	2.99 (0.68-13.07)	0.146
pT category										
Ta+T1+CIS only	35	20 (57.14)	1 (ref)		2 (5.71)	1 (ref)		1 (2.86)	1 (ref)	
T2+T3+T4	124	38 (30.65)	0.49 (0.28-0.84)	0.010	46 (37.1)	8.72 (2.11-35.95)	0.003	18 (14.52)	6.83 (0.91-51.35)	0.062

HR, hazard ratio; CI, confidence interval; ISUP, International Society of Urological Pathology; CIS, carcinoma *in situ*.