

Supplementary Tables. Univariate and multivariate Cox regression analysis.

Recurrence-free survival

Variable		Univariate			Multivariate		
		HR	95% CI	p-value	HR	95% CI	p-value
Age	<65	ref					
	>65	0.99	0.73-1.34	0.96			
Gender	Male	ref					
	Female	0.56	0.77-1.59	0.56			
ACE-I/ARB	No	ref					
	Yes	<b>0.66</b>	<b>0.48-0.93</b>	<b>0.009</b>	<b>0.64</b>	<b>0.47-0.87</b>	<b>0.005</b>
Multifocality	No	ref					
	Yes	1.14	0.85-1.53	0.37			
Intravesical therapy	No	ref					
	Yes	0.86	0.59-1.27	0.47			
BCG therapy	No	ref					
	Yes	<b>0.63</b>	<b>0.46-0.85</b>	<b>0.003</b>	<b>0.61</b>	<b>0.45-0.83</b>	<b>0.002</b>
Stage	Ta	ref					
	T1	0.71	0.49-1.04	0.08			
	cis	0.55	0.31-1.03	0.06			
Grade	Low	ref					
	High	0.8	0.6-1.1	0.14			
Tumor size	< 3 cm	ref					
	> 3 cm	<b>1.4</b>	<b>1.1-1.9</b>	<b>0.01</b>	<b>1.5</b>	<b>1.1-2</b>	<b>0.01</b>
Muscle in specimen	no	ref					
	yes	0.9	0.7-1.3	0.68			
Second look TUR	no	ref					
	yes	1.1	0.7-1.7	0.74			
Mitomycin C	no	ref					
	yes	0.9	0.5-1.4	0.62			

## Progression-free survival

Variable		Univariate		
		HR	95% CI	p-value
Age	<65	ref		
	>65	<b>4.47</b>	<b>0.99-2.01</b>	<b>0.05</b>
Gender	Male	ref		
	Female	1.51	0.47-4.81	0.48
ACE-I/ARB	No	ref		
	Yes	0.62	0.19-1.97	0.41
Multifocality	No	ref		
	Yes	<b>3.51</b>	<b>1.1-11.2</b>	<b>0.03</b>
Intravesical therapy	No	ref		
	Yes	2.43	0.81-7.28	0.11
BCG therapy	No	ref		
	Yes	2.08	0.71-6.74	0.17
Stage	Ta	ref		
	T1	0.036	0.05-2.85	0.33
	cis	2.67	.073-9.81	0.13
Grade	Low	ref		
	High	2.14	0.72-6.33	0.17
Tumor size	< 3 cm	ref		
	> 3 cm	0.3	0.1-1.4	0.13
Muscle in specimen	no	ref		
	yes	1.1	0.3-3.6	0.87
Second look TUR	no	ref		
	yes	1.7	0.4-7.9	0.48
Mitomycin C	no	ref		
	yes	2.7	0.7-10.1	0.13

\* No significance detected on multivariate analysis for PFS.