

**Supplementary Appendix 1.** Comparison of perioperative outcomes according to surgical experience, prostatic weight, anticoagulant therapy, antiplatelet therapy and indwelling urinary catheter

<b>Surgeon Experience</b>			<b>P-value</b>
	<b>Expert n=511</b>	<b>In training n=663</b>	
Perioperative complications	21 (4.2)	50 (7.5)	<b>0.01</b>
Operative time (min)	71.4 ± 34.3	93.1 ± 43.3	<b>&lt; 0.001</b>
Resected weight (g)	51.4 ± 35.8	48.9 ± 37.1	0.2
Resected percentage (%)	62.4 ± 23.8	59.7 ± 25.9	0.07
Post-operative complications	82 (16)	145 (21.9)	<b>0.01</b>
Blood transfusion	19 (3.7)	33 (5)	0.3
Length of Hospital Stay	1 ± 2.4	2.1 ± 3.5	<b>&lt; 0.001</b>
<b>Prostatic Weight</b>			
	<b>≥ 100g n= 313</b>	<b>&lt; 100g n= 743</b>	
Perioperative complications	24 (7.6)	42 (5.6)	0.2
Operative time (min)	103.9 ± 44.3	74.8 ± 35.8	<b>&lt; 0.001</b>
Resected weight (g)	83.4 ± 44.5	37.5 ± 22.5	<b>&lt; 0.001</b>
Post-operative complications	65 (20.7)	140 (18.8)	0.5
Blood transfusion	23 (7.3)	23 (3.1)	<b>0.001</b>
Length of Hospital Stay	1.5 ± 1.9	1.6 ± 3.5	0.8
<b>Anticoagulant Therapy</b>			
	<b>Yes n= 141</b>	<b>No n= 1033</b>	
Perioperative complications	7 (5)	64 (6.2)	0.5
Operative time (min)	88.8 ± 42.8	82.4 ± 40.6	<b>0.03</b>
Resected weight (g)	51.3 ± 34.8	49.9 ± 36.8	0.7
Post-operative complications	42 (29.8)	185 (17.9)	<b>&lt; 0.001</b>
Blood transfusion	15 (10.6)	37 (3.6)	<b>&lt; 0.001</b>
Length of Hospital Stay	3.3 ± 6.8	1.4 ± 2	<b>&lt; 0.001</b>
<b>Antiplatelet Therapy</b>			
	<b>Yes n= 310</b>	<b>No n= 864</b>	
Perioperative complications	29 (9.3)	42 (4.9)	<b>0.004</b>
Operative time (min)	81.3 ± 40.2	83.9 ± 41.2	0.3
Resected weight (g)	44.6 ± 32.6	52.1 ± 37.7	<b>0.002</b>
Post-operative complications	85 (27.4)	142 (16.4)	<b>&lt; 0.001</b>
Blood transfusion	19 (6.1)	33 (3.8)	0.08
Length of Hospital Stay	1.8 ± 2.2	1.3 ± 2.8	<b>0.05</b>
<b>Indwelling Urinary Catheter</b>			
	<b>Yes n= 320</b>	<b>No n= 823</b>	
Perioperative complications	25 (7.8)	46 (5.6)	0.1
Operative time (min)	96.5 ± 45.5	77.9 ± 37.4	<b>&lt; 0.001</b>
Resected weight (g)	65.8 ± 46.9	44.4 ± 23	<b>&lt; 0.001</b>
Post-operative complications	97 (30.3)	127 (15.4)	<b>&lt; 0.001</b>
Blood transfusion	30 (9.3)	22 (2.7)	<b>&lt; 0.001</b>
Length of Hospital Stay	2.4 ± 4.6	1.3 ± 2.2	<b>&lt; 0.001</b>
<i>Values expressed as mean (SD), median [interquartile range] or n (%).</i>			

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