

Supplemental Table S1. Odds Ratios of Preoperative Clinical and Biochemical Parameters for Postoperative Outcomes in Patients with Unilateral Primary Aldosteronism

Variable	OR (95% CI)	Adjusted OR (95% CI)
Complete clinical success		
Contralateral suppression index <1.0 ^a	1.62 (0.58–4.49)	
Lateralization index >12 ^a	2.02 (1.17–3.47)	2.57 (1.34–4.91)
Mass size on CT, /mm	1.01 (0.97–1.05)	
Age of onset, /yr	0.96 (0.93–0.98)	0.99 (0.96–1.02)
Systolic BP, /mm Hg	0.99 (0.98–1.00)	
Duration of hypertension, /yr	0.88 (0.84–0.93)	0.92 (0.87–0.97)
Serum creatinine, /mg/dL	0.21 (0.08–0.58)	0.49 (0.15–1.59)
Hypokalemia	0.74 (0.44–1.25)	
PAC, /ng/dL	1.00 (1.00–1.01)	
PRA, /ng/mL/hr	0.98 (0.82–1.17)	
ARR, /ng/dL per ng/mL/hr	1.00 (1.00–1.00)	
PAC after SIT, /ng/dL	1.00 (0.99–1.01)	
DDD of antihypertensive drugs, /1 unit	0.63 (0.53–0.75)	0.66 (0.55–0.80)
Clinical improve (complete+partial success)		
Contralateral suppression index <1.0 ^a	3.11 (1.01–9.55)	1.59 (0.41–6.20)
Lateralization index >12 ^a	2.28 (1.11–4.69)	2.22 (0.95–5.17)
Mass size on CT, /mm	1.03 (0.97–1.01)	
Age of onset, /yr	0.99 (0.94–1.01)	
Systolic BP, /mm Hg	1.03 (1.01–1.05)	1.04 (1.01–1.06)
Duration of hypertension, /yr	0.94 (0.88–0.98)	0.94 (0.89–0.99)
Serum creatinine, /mg/dL	0.34 (0.11–1.09)	
Hypokalemia	1.15 (0.55–2.41)	
PAC, /ng/dL	1.01 (1.00–1.03)	
PRA, /ng/mL/hr	1.07 (0.74–1.52)	
ARR, /ng/dL per ng/mL/hr	1.00 (1.00–1.00)	
PAC after SIT, /ng/dL	1.00 (0.99–1.02)	
DDD of antihypertensive drugs, /1 unit	0.53 (0.71–1.00)	0.80 (0.66–0.97)
Complete biochemical success		
Contralateral suppression index <0.22 ^a	1.68 (0.94–2.98)	
Lateralization index >12 ^a	0.85 (0.44–1.63)	
Mass size on CT, /mm	1.03 (0.98–1.08)	
Age of onset, /yr	0.97 (0.94–1.00)	
Systolic BP, /mm Hg	1.00 (0.99–1.02)	
Duration of hypertension, /yr	0.96 (0.92–1.00)	
Serum creatinine, /mg/dL	0.61 (0.22–1.70)	
Hypokalemia	0.63 (0.34–1.19)	
PAC, /ng/dL	1.00 (0.99–1.01)	
PRA, /ng/mL/hr	1.22 (0.71–2.08)	
ARR, /ng/dL per ng/mL/hr	1.00 (1.00–1.00)	
PAC after SIT, /ng/dL	1.00 (0.99–1.01)	
DDD of antihypertensive drugs, /1 unit	0.92 (0.79–1.07)	

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Supplemental Table S1. Continued

Variable	OR (95% CI)	Adjusted OR (95% CI)
Biochemical improve (complete+partial success)		
Contralateral suppression index <0.22 ^a	3.74 (1.42–9.84)	1.67 (0.54–5.18)
Lateralization index >12 ^a	2.64 (1.11–6.31)	1.81 (0.61–5.38)
Mass size on CT, /mm	1.04 (0.96–1.13)	
Age of onset, /yr	1.03 (0.99–1.07)	
Systolic BP, /mm Hg	1.01 (0.99–1.04)	
Duration of hypertension, /yr	1.00 (0.94–1.08)	
Serum creatinine, /mg/dL	2.91 (0.44–19.22)	
Hypokalemia	0.65 (0.25–1.71)	
PAC, /ng/dL	1.03 (1.00–1.06)	1.01 (0.98–1.04)
PRA, /ng/mL/hr	1.05 (0.71–1.56)	
ARR, /ng/dL per ng/mL/hr	1.01 (1.00–1.01)	1.00 (1.00–1.01)
PAC after SIT, /ng/dL	1.01 (0.99–1.03)	
DDD of antihypertensive drugs, /1 unit	0.99 (0.78–1.25)	

OR, odds ratio; CI, confidence interval; CT, computed tomography; BP, blood pressure; PAC, plasma aldosterone concentration; PRA, plasma renin activity; ARR, Aldosterone-to-renin ratio; SIT, saline infusion test.

^aThe cut-off value of contralateral suppression index and lateralization index were determined using receiver operating characteristic analysis.