

**Supplemental Table S1.** Characteristics and Surgical Outcomes of the 19 PA Patients with Unilateral PA Showing Discordant Lateralization to Contralateral Adrenal Gland on AVS and Unilateral Lesion on CT

Case	Age, yr	Serum potassium, mEq/L	PAC, ng/dL	CT finding	Nodule size, cm	Sex	AVS finding	LI	CL suppression (CLR)	Treatment	Surgical outcome	
											Clinical	Biochemical
1	53	3.0	19.80	Left	1.2	Women	Right	5.6	No (1.12)	Medication		
2	49	3.5	38.00	Right	1.2	Men	Left	22.8	Yes (0.42)	Medication		
3	51	4.4	21.50	Left	2.1	Men	Right	13.0	Yes (0.35)	Medication		
4	39	4.0	25.20	Left	2.4	Women	Right	18.4	No (2.03)	Surgery	Complete	Complete
5	73	4.0	26.50	Right	3.0	Women	Left	4.4	No (1.03)	Medication		
6	70	2.5	78.60	Left	1.3	Men	Right	36.4	Yes (0.21)	Surgery	Partial	Partial
7	40	2.9	34.90	Left	1.3	Women	Right	57.8	Yes (0.22)	Surgery	Complete	Complete
8	43	2.9	25.10	Left	1.0	Men	Right	79.6	Yes (0.18)	Surgery	Complete	Complete
9	55	2.1	27.70	Left	0.7	Men	Right	61.9	Yes (0.15)	Surgery	Partial	Absent
10	56	4.1	17.90	Left	1.0	Men	Right	77.7	Yes (<0.00)	Medication		
11	64	4.5	28.10	Right	1.8	Women	Left	10.9	Yes (<0.00)	Surgery	No data	No data
12	54	4.3	26.90	Right	2.5	Women	Left	9.3	No (1.20)	Surgery	No data	No data
13	58	3.6	19.10	Right	2.5	Men	Left	13.4	No (1.70)	Medication		
14	50	3.2	26.30	Right	2.5	Men	Left	16.5	Yes (0.30)	Surgery	Partial	Complete
15	43	4.1	22.00	Left	3.1	Men	Right	9.6	Yes (0.50)	Surgery	No data	Absent
16	67	3.9	24.50	Left	1.5	Women	Right	4.6	No (1.90)	Medication		
17	45	4.1	18.30	Right	1.5	Men	Left	4.2	Yes (0.40)	Medication		
18	49	3.8	37.30	Left	1.6	Men	Right	6.1	No (1.20)	Medication		
19	61	4.1	32.40	Right	1.5	Women	Left	5.1	Yes (0.70)	Medication		

Biochemical and clinical outcomes at 3 months after unilateral adrenalectomy were evaluated based on the recent international the Primary Aldosteronism Surgical Outcome (PASO) consensus [31].

PA, primary aldosteronism; AVS, adrenal vein sampling; CT, computed tomography; PAC, plasma aldosterone concentration; LI, lateralization index; CL, contralateral; CLR, contralateral ratio.