

Table 1.

	All Participants (n=128)	Surgery (n=78)	Medical (n=50)	p-value for differences between treatment groups
Gender				0.703
Male	87 (68.0%)	54 (69.2%)	33 (66.0%)	
Female	41 (32.0%)	24 (30.8%)	17 (34.0%)	
Median Age	52 (42.5 - 60)	52 (43 - 60)	52.5 (41 - 61)	0.874
Median BMI	29.7 (26.7 - 34.0)	30.5 (26.3 - 34.8)	29.1 (26.9 - 33.2)	0.336
Ethnicity				0.007
White	75 (58.6%)	53 (67.9%)	22 (44%)	
Black	38 (29.7%)	15 (19.2%)	23 (46%)	
Asian	14 (10.9%)	9 (11.5%)	5 (10%)	
Other	1 (0.8%)	1 (1.3%)	0 (0%)	
Clinic BP at Screening				
SBP Median	148 (138 - 166)	149 (138 - 166)	145 (138 - 166)	0.705
DBP Median	91 (82 - 103)	91 (81 - 102)	89 (84 - 104)	0.667
NDC Median	2 (2 - 3)	2 (2 - 3)	2 (2 - 3)	0.929
DDD Median	3.5 (2.1 - 6.0)	4.0 (2.3 - 6.5)	3.1 (2.0 - 6.0)	0.199

Table 1: Demographics and baseline characteristics

Demographics and baseline characteristics of all study participants who reached 6 months post adrenalectomy or 9-12 months of medical therapy. Data for participants managed with surgery or medical therapy is also shown. Note participants who are Black comprised 40% of 108 participants recruited in London hospitals, where 14% of the local population are Black.

Numbers in brackets indicate percentage, range in brackets indicate interquartile range.

BMI, body mass index; BP, blood pressure; SBP, systolic BP; DBP, diastolic BP; NDC, number of different classes of antihypertensive medications; DDD, defined daily dose of antihypertensive medications.

Table 2.

	Surgery		Medical		P-values for treatment differences	
	Baseline	6 Months	Baseline	9-12 months	Baseline	9-12 months
Home SBP	152 (15) [74]	133 (12) [71]	146 (15) [44]	139 (17) [41]	0.013	0.272
Home DBP	91 (8) [74]	84 (8) [71]	90 (12) [44]	86 (9) [41]	0.141	0.744
Clinic SBP	148 (17) [78]	138 (17) [71]	145 (18) [50]	139 (20) [49]	0.186	0.715
Clinic DBP	92 (10) [78]	90 (11) [71]	91 (11) [50]	88 (13) [49]	0.502	0.417
NDC	2 (1) [78]	1 (1) [78]	2 (2) [50]	2 (1) [50]	0.460	<0.001
DDD	4.1 (2.6) [78]	1.2 (1.7) [78]	4.0 (2.0) [50]	3.2 (2.2) [50]	0.726	<0.001
Sodium	143 (3) [78]	139 (3) [75]	142 (3) [50]	140 (3) [50]	0.519	0.001
Potassium	3.5 (0.4) [78]	4.7 (0.6) [77]	3.7 (0.4) [50]	4.3 (0.5) [50]	0.002	<0.001
Bicarbonate	29 (3) [76]	25 (3) [72]	28 (3) [50]	26 (3) [49]	0.143	0.424
Creatinine	87 (29) [78]	105 (35) [75]	100 (64) [50]	105 (37) [50]	0.165	0.954
Aldosterone	1305 (1034) [78]	227 (142) [77]	767 (504) [48]	1248 (833) [50]	<0.001	<0.001
Renin Mass	11 (15) [64]	59 (211) [62]	12 (21) [44]	24 (37) [35]	0.908	0.003
ARR (Mass)	325 (628) [64]	14 (18) [61]	160 (186) [43]	205 (239) [35]	0.024	<0.001
Renin Activity	0.4 (0.4) [41]	10.5 (59.9) [51]	0.4 (0.4) [37]	0.9 (1.3) [41]	0.294	<0.001
ARR (Activity)	6475 (9938) [41]	441 (620) [51]	4692 (4625) [36]	4441 (5901) [41]	0.293	<0.001
Mean BNP (SD)	169 (267) [58]	78 (96) [54]	96 (88) [29]	191 (456) [33]	0.168	0.489
Median BNP (IQR)	93 (46-169) [58]	46 (26-94) [54]	56.0 (31-128) [29]	47 (26-140) [33]		
Troponin T	14.8 (13.9) [52]	13.6 (15.0) [47]	10.7 (6.9) [43]	10.4 (9.5) [42]	0.249	0.256
Troponin I	24.1 (40.5) [25]	17.2 (16.7) [23]	26.8 (20.8) [6]	16.4 (12.4) [6]	0.161	0.797

Table 2: Clinical and biochemical parameters

Clinical and biochemical parameters used in the calculation of primary and secondary outcomes. Data for participants managed with surgery or medical therapy is also shown.

Unless otherwise stated numbers show mean; round brackets indicate standard deviation; square brackets indicate n (number of participants).

Reference ranges: Sodium 133-146 mmol/L, Potassium 3.5-5.3 mmol/L, Bicarbonate 22-29 mmol/L, Creatinine 45-105 mmol/L, Aldosterone 150-550 pmol/L, Renin mass 5.4-30 mU/L, Renin activity 0.5-3.0 nmol/L/hr, ARR (mass) <91 pmol/mU, ARR (activity) <1000 (pmol/L)/(nmol/L/hr), BNP <400 ng/L, Troponin T <14 ng/L (SBH and GSTT), Troponin I <58.1 ng/L (CUH).

SBP, systolic BP; DBP, diastolic BP; ARR, aldosterone renin ratio; BNP, N-terminal pro-B-type natriuretic peptide; NDC, number of different classes of antihypertensive medications; DDD, defined daily dose; SD, standard deviation; IQR, interquartile range; SBH, St Bartholomew's Hospital, CUH, Cambridge University Hospital; GSTT, Guy's and St Thomas' Hospital.