

Supplementary Appendix

Table S1: Linear regression models of hypertension control and log-aldosterone level

Hypertension Control Categories	Unadjusted Model			Adjusted Model ^a		
	Log-aldosterone	Confidence Interval	P-trend	Log-aldosterone	Confidence Interval	P-trend
No hypertension	1.34	1.32-1.37	<0.001	1.32	1.28-1.36	<0.001
Controlled hypertension	1.61	1.57-1.64		1.65	1.60-1.70	
Uncontrolled hypertension	1.55	1.49-1.62		1.61	1.54-1.68	
Controlled resistant hypertension	1.72	1.68-1.77		1.77	1.72-1.82	
Uncontrolled resistant hypertension	1.76	1.69-1.84		1.82	1.74-1.90	

Participants who were not taking antihypertensive medications and had blood pressure \geq 140/90 were included in the no hypertension group.

^a Model adjusted for age, gender, and risks for OSA.

Table S2: Multinomial logistic regression models examining the odds of having specified hypertension as a function of the number of risks for OSA (risk score) where no hypertension and no risks were the referent groups.

	Unadjusted Model			Adjusted Model ^a		
	Odds Ratio	Confidence Interval	P-Value ^b	Odds Ratio	Confidence Interval	P-Value ^b
Controlled hypertension						
1	1.50	1.18-1.90	0.001	1.53	1.19-1.97	0.001
2	1.89	1.51-2.38	<.0001	2.06	1.61-2.63	<.0001
3	2.00	1.57-2.54	<.0001	2.41	1.87-3.12	<.0001
4	1.96	1.48-2.58	<.0001	2.66	1.98-3.59	<.0001
5	2.17	1.48-3.20	<.0001	3.54	2.36-5.33	<.0001
6	2.03	0.98-4.23	0.058	3.29	1.54-7.05	0.002
Uncontrolled hypertension						
1	1.87	1.37-2.54	<.0001	1.89	1.37-2.60	0.000
2	1.63	1.20-2.22	0.002	1.80	1.30-2.48	0.000
3	1.87	1.36-2.58	0.000	2.38	1.70-3.34	<.0001
4	2.18	1.53-3.12	<.0001	3.23	2.22-4.71	<.0001
5	2.41	1.48-3.91	0.000	4.13	2.48-6.86	<.0001
6	2.92	1.27-6.74	0.012	5.31	2.24-12.62	0.000
Resistant hypertension - controlled						
1	1.71	0.93-3.13	0.082	1.75	0.95-3.23	0.074
2	1.79	0.99-3.25	0.054	1.97	1.08-3.60	0.027
3	2.08	1.13-3.84	0.019	2.60	1.40-4.84	0.003
4	2.28	1.16-4.51	0.018	3.30	1.64-6.61	0.001
5	2.61	1.07-6.35	0.035	4.55	1.83-11.30	0.001
6	5.63	1.70-18.59	0.005	9.99	2.94-33.93	0.000
Resistant hypertension - uncontrolled						
1	2.15	0.92-5.02	0.079	2.18	0.93-5.14	0.075
2	3.19	1.41-7.19	0.005	3.53	1.56-8.02	0.003
3	2.94	1.26-6.86	0.013	3.75	1.59-8.85	0.003
4	2.10	0.77-5.70	0.147	3.15	1.14-8.67	0.026
5	3.49	1.08-11.28	0.037	6.27	1.91-20.64	0.003
6	9.05	2.17-37.75	0.003	17.01	3.96-73.06	0.000

Participants who were not taking antihypertensive medications and had blood pressure \geq 140/90 were included in the no hypertension group.

^a Model adjusted for age and gender.

^b Trend p-value within each hypertension level for risks for OSA <0.001