

Supporting Information

Table S1 The detailed information of the antihypertensive agents and medications with doses

Patient No.	SBP(mm Hg)	DBP(mm Hg)	Antihypertensive agents	Medication(s) (mg/day)
6	130	95	BBs	Bisoprolol (2.5)
10	120	100	BBs	Bisoprolol (2.5)
16	150	96	BBs	Bisoprolol (2.5)
23	140	90	BBs	Bisoprolol (2.5)
29	140	90	BBs	Bisoprolol (2.5)
14	140	100	CCBs, BBs	Amlodipine (2.5), Bisoprolol (2.5)
1	140	90	CCBs, BBs	Amlodipine (5), Bisoprolol (2.5)
2	150	90	CCBs, BBs	Amlodipine (5), Bisoprolol (5)
3	140	100	CCBs, BBs	Nifedipine (30), Bisoprolol (2.5)
15	150	100	CCBs, BBs	Amlodipine (2.5), Bisoprolol (2.5)
19	150	90	CCBs, BBs	Amlodipine (2.5), Bisoprolol (2.5)
4	160	100	CCBs, BBs, ACEIs	Nifedipine (30), Bisoprolol (2.5), Imidapril Hydrochloride (2.5)
27	170	110	CCBs, BBs, ACEIs	Nifedipine (30), Bisoprolol (2.5), Ramipril (10)

21	150	105	CCBs, BBs, ACEIs	Amlodipine (5), Bisoprolol (5), Imidapril Hydrochloride (5)
30	170	115	CCBs, BBs, ACEIs	Nifedipine (30), Bisoprolol (5), Benazepril Hydrochloride (10)
5	150	96	CCBs, BBs, ARBs	Nifedipine (30), Bisoprolol (2.5), Telmisartan (40)
7	150	100	CCBs, BBs, ARBs	Nifedipine (30), Bisoprolol (2.5), Losartan Potassium (50)
13	140	100	CCBs, BBs, ARBs	Amlodipine (5), Bisoprolol (5), Losartan Potassium (50)
18	140	100	CCBs, BBs, ARBs	Felodipine (5), Bisoprolol (2.5), Valsartan (80)
24	150	110	CCBs, BBs, ARBs	Nifedipine (30), Bisoprolol (2.5), Losartan Potassium (50)
25	150	105	CCBs, BBs, ARBs	Nifedipine (30), Bisoprolol (2.5), Losartan Potassium (50)
20	146	106	CCBs, BBs, ARBs	Felodipine (5), Bisoprolol (5), Telmisartan (40)
8	180	120	CCBs, BBs, ARBs, Diuretics	Nifedipine (30), Bisoprolol (5), Losartan Potassium (25), Hydrochlorothiazide (12.5)
26	150	100	CCBs, BBs, ARBs, Diuretics	Nifedipine (30), Bisoprolol (5), Irbesartan/Hydrochlorothiazide (162.5)
28	160	110	CCBs, BBs, ARBs, Diuretics	Nifedipine (30), Bisoprolol (5), Losartan Potassium/ Hydrochlorothiazide (50)

Table S2 Summary of significantly changed lipids in each lipid class

Lipid class	Measured	Significantly changed lipids		Significantly changed lipids	
	lipids	in hypertensive vs. normotensive		in treated hypertensive vs. hypertensive	
	n =	n (% in each lipid class)	up-regulation	n (% in each lipid class)	down-regulation
LPC	6	4 (68%)	1 (16%)	4 (68%)	4 (68%)
PC	19	12 (63%)	12 (63%)	1 (5%)	1 (5%)
PE	1	0	0	0	0
SPM	11	2 (18%)	2 (18%)	1 (9%)	1 (9%)
ChoE	5	2 (40%)	2 (40%)	4 (80%)	4 (80%)
DG	5	0	0	0	0
TG	34	26 (76.5%)	26 (76.5%)	11 (32%)	11 (32%)
Total	81	46 (57%)	43 (53%)	21 (26%)	21 (26%)