

Supplemental Material

Table S1. Characteristics of study participants and non-participants. ‘Booking’ is the gestation at 1st presentation to the primary care physician or hospital clinic. GP = general practitioner/primary care physician; BMI = body mass index; SBP = systolic BP; DBP = diastolic BP.

	Normotensive Pregnancies						p-value
	Participants			Non participants			
	n	Mean	SD	n	Mean	SD	
BMI- at booking	302	24	5	2451	24	5	0.150
Gestation Booking BP (weeks)	281	10	5	2449	14	7	<0.001
Booking GP SBP (mmHg)	281	108	11	2222	101	11	<0.001
Booking GP DBP (mmHg)	281	67	8	2222	62	7	<0.001
Gestation at Birth (weeks)	302	39	2	2452	39	2	0.100
Age at First assessment (yrs.)	302	33	5	2452	31	5	<0.001
Apgar 1	300	9	1	2438	9	1	0.069
Apgar 5	300	9	1	2439	9	1	0.827

	Pre-Eclampsia						p-value
	Participants			Non participants			
	n	Mean	SD	n	Mean	SD	
BMI- at booking	90	26	5	55	27	6	0.230
Gestation Booking BP (weeks)	73	10	5	55	12	8	0.046
Booking GP SBP (mmHg)	74	113	12	52	110	11	0.161
Booking GP DBP (mmHg)	74	71	8	52	69	8	0.304
Gestation at Birth (weeks)	90	37	3	55	38	2	0.326
Age at First assessment (yrs.)	90	32	5	55	31	5	0.679
Apgar 1	90	8	2	55	8	2	0.019
Apgar 5	90	9	1	55	9	1	0.136

	Normotensive Pregnancies (%)			Pre-Eclampsia (%)		
	Participants (n=302)	Non participants (n=2452)	p-value	Participants (n=90)	Non participants (n=55)	p-value
Labour Onset - Spontaneous	58	45	<0.001	9	9	0.175
	Induced	32		66	78	
	No Labour	10		26	13	
Vaginal Birth	81	71	<0.001	51	64	0.141
MgSO4 given	0	0.1	0.015	24.4	3.6	0.001
Baby Gender- Male	51	52	0.661	48	49	0.878

Table S2. Frequency of high blood pressure at six months postpartum detected by various methods, using only awake ABPM as the gold standard method for diagnosing high BP.

		Above SBP Routine sphygmomanome try using new normal range	Above SBP Routine sphygmomanome try using traditional definitions	Above SBP Routine sphygmomanome try using AHA/ACC definitions	Above SBP Central using new normal range	Above SBP Central using traditional values
Above awake SBP	No	9	0	2	8	6
	Yes	3	0	1	3	1
Total		12	0	3	11	7

		Above DBP Routine sphygmomanome try using new normal range	Above DBP Routine sphygmomanome try using traditional definitions	Above DBP Routine sphygmomanome try using AHA/ACC definitions	Above DBP Central using new normal range
Above awake DBP	No	12	2	6	15
	Yes	5	1	7	4
Total		17	3	13	19

Table S3. Parameters for formerly pre-eclamptic women with high blood pressure defined by the new normal range vs. formerly pre-eclamptic women with blood pressure in the normal range at 6 months post-partum.

	Pre-eclampsia with Routine BP above New Normal			Pre-eclampsia with normal BP 6 months post-partum			p-value
	n	Mean	SD	n	Mean	SD	
BMI	11	30.1	7.4	79	27.5	5.6	0.276
Creatinine (mg/dL)	11	0.7	0.1	78	0.7	0.1	0.494
eGFR (mL/min)	11	96.2	8.5	78	96.8	7.6	0.821
ALP (IU)	10	80.3	16.7	77	83.7	21.1	0.572
GGT (IU)	10	29.4	22.9	77	18.8	24.4	0.198
ALT (U/L)	10	22.5	12.9	77	20.9	11.3	0.717
AST (U/L)	10	21.7	6.2	75	20.8	5.7	0.662
Glucose (mg/dL)	11	86.4	8.2	78	85.7	6.9	0.802
Urate (mg/dL)	11	5.39	0.84	77	4.86	1.07	0.076
White cell count (10 ⁹ /L)	11	6.0	1.5	78	5.8	1.9	0.706
Hb (g/dL)	11	13.1	1.2	78	13.0	0.9	0.698
Platelets (10 ⁹ /L)	11	264.6	45.5	77	259.4	61.0	0.735
Cholesterol (mg/dL)	11	185.3	21.3	77	179.8	35.6	0.476
LDL (mg/dL)	11	112.3	23.9	77	104.6	31.5	0.355
HDL (mg/dL)	11	56.2	17.9	78	59.8	14.3	0.525
Triglyceride (mg/dL)	11	86.2	68.2	77	76.1	48.4	0.647
Aldosterone (ng/dL)	10	11.7	8.8	77	10.7	9.6	0.746
Renin (mU/L)	9	10.6	8.7	75	16.9	11.1	0.071
Aldosterone:Renin ratio	9	105.1	218.3	75	24.5	23.6	0.300
Insulin (mU/L)	11	12.3	9.4	77	9.2	8.1	0.308
HBA1C (%)	11	5.2	0.2	78	5.2	0.3	0.922
Vitamin D (ng/mL)	11	27.2	7.7	77	27.3	7.4	0.995
HOMA score	11	2.7	2.0	77	2.0	1.7	0.304
Urine albumin/creat (mg/g)	11	25.8	31.1	77	18.7	27.5	0.486