

SUPPLEMENTAL MATERIAL

Table S1. Clinical characteristics of study participants born full-term and preterm with and without day-time (awake) ambulatory blood pressure monitoring (ABPM).

Clinical Characteristics	Term		Preterm		ABPM	P	
	ABPM (n=33)	No ABPM (n=22)	ABPM (n=36)	No ABPM (n=19)		Term	Interaction
Gestational age, weeks	39 ± 1	40 ± 1	27 ± 1	27 ± 2	.903	<.0001	.357
Birth weight, g	3346 ± 339	3546 ± 448	995 ± 216	988 ± 251	.134	<.0001	.107
Age, years	23 ± 2	23 ± 2	24 ± 2	23 ± 3	.059	.564	.534
Male sex, %	33%	46%	33%	47%	.180	.922	.922
Height, cm	169 ± 8	171 ± 7	167 ± 9	166 ± 10	.628	.045	.382
Weight, Kg	67 ± 15	72 ± 13	61 ± 12	59 ± 12	.545	.001	.145
BMI, Kg/m ²	23 ± 4	25 ± 5	22 ± 3	21 ± 4	.596	.003	.183
Peak VO ₂ , ml/min/Kg	35 ± 9	31 ± 9	33 ± 9	31 ± 6	.140	.686	.629
Smoking, %	15%	18%	19%	26%	.531	.432	.808
2-hours glycemia, mmol/L	6.3 ± 1.3	6.3 ± 1.2	7.0 ± 1.5	7.2 ± 1.2	.532	.005	.730
Resting SBP, mm Hg	114 ± 9	117 ± 10	119 ± 11	116 ± 7	.894	.384	.190
Resting DBP, mm Hg	65 ± 7	67 ± 9	69 ± 7	67 ± 6	.868	.496	.829
Left ventricular mass index, g/m ²	63 ± 15	64 ± 12	62 ± 11	62 ± 17	.867	.496	.829
Left ventricular ejection fraction, %	63 ± 5	61 ± 5	63 ± 6	65 ± 6	.598	.040	.043
Days to 1 st colony, days	15 ± 6	14 ± 4	15 ± 4	16 ± 4	.959	.246	.538

ABPM, ambulatory blood pressure monitoring; BMI, body mass index; Peak VO₂, peak oxygen consumption; SBP, systolic blood pressure; DBP, diastolic blood pressure. Within each study group (term and preterm), subjects with vs. without ABMP were compared using two-way ANOVA and Bonferroni *post-hoc* test. No statistically significant differences were noted.

Table S2. Clinical and perinatal characteristics of study participants born full-term and preterm with ECFC colony growth.

	Term n=34	Preterm n=32	<i>P</i>
Clinical characteristics			
Perinatal characteristics			
Gestational age, weeks,	39.6 ± 1.1	27.1 ± 1.3	<.001
Birth weight, g	3363 ± 299	978 ± 218	<.001
Small for gestational age, n (%) ^(†)	2 (7)	2 (6)	.392
Hypertensive complications of pregnancy, n (%)	2 (6)	5 (16)	.251
Antenatal corticosteroids, n/N (%)	N/A	13/30 (43)	
Bronchopulmonary dysplasia, n/N (%) ^(§)	N/A	6/31 (19)	
Adult characteristics			
Age, years	23 ± 2	23 ± 2	.329
Male sex, n (%)	13 (38)	13 (41)	1.00
Height, cm	169 ± 7	167 ± 10	.483
Weight, kg	68 ± 15	60 ± 12	.028
BMI, kg/m ²	24 ± 4	21 ± 3	.016
Peak VO ₂ , ml/min/kg of lean body mass ^(∞)	33 ± 9	33 ± 9	.862
Smoking, n (%)	4 (12)	5 (16)	.730
2-hours glucose, mmol/L	6.4 ± 1.3	7.0 ± 1.4	.093
Resting SBP, mm Hg	116 ± 11	117 ± 8	.612
Resting DBP, mm Hg	66 ± 8	67 ± 6	.401
Day-time ABPM SBP, mm Hg ^(¥)	119 ± 8	124 ± 10	.073
Day-time ABPM DBP, mm Hg ^(¥)	71 ± 5	75 ± 6	.049
Left ventricular mass index, g/m ²	64 ± 12	63 ± 14	.758
Left ventricular ejection fraction, %	62 ± 5	64 ± 6	.435

^(†)Birth weight < 10th percentile for gestational age; ^(§)supplemental oxygen requirement at 36 weeks post menstrual age; BMI, body mass index; ^(∞)VO₂, peak oxygen consumption measured in a subgroup of 25 participants per group; SBP, systolic blood pressure; DBP, diastolic blood pressure; ^(¥) ABPM, ambulatory blood pressure monitoring determined in a subgroup of 23 term and 22 preterm subjects. N/A, not applicable. Data are mean ± standard deviation (SD) unless stated otherwise. Independent t-test or χ^2 -test.