

Supplemental Data File

Changes of blood pressure following initiation of physical inactivity and after external addition of pulses to circulation

Marvin A Sackner^{1¶}, Shivam Patel^{2¶}, Jose A. Adams^{3*}¶

1 Emeritus Director of Medical Services, Mt Sinai Medical Center of Greater Miami, Miami Beach, Florida, United States of America

2 Student, University of Miami, Coral Gables, Florida, United States of America

3 Chief, Division Neonatology Mt Sinai Medical Center of Greater Miami, Miami Beach, Florida, United States of America

*Corresponding author

E-mail:Tony.Adams@msmc.com

¶ These authors contributed equally to the work

Short Title: Blood Pressure During Physical Inactivity

Table S1**Mean Difference from SHAM in the Change from Baseline of Systolic and Diastolic Blood Pressure.**

Legend: Data represents the mean difference between the Jogging Device (JD) and SHAM (SHAM-JD) for the mean change from baseline and its corresponding 95% Confidence Intervals for systolic and diastolic blood pressures in both seated and supine postures, at various time points. , JD, 5, 10, 15, 20, 25, 30, (5 min epochs), initial 5 min of recovery (REC 5) and end of study (END).

	Condition	BP_{Syst} (mmHg)	BP_{Diast}(mmHg)
SUPINE			
	JD 5	2.5(-8.4,13.5)	3.1(-3.1,9.3)
	JD 10	15.1(15.0,15.3)	17.1(17.0,17,2)
	JD 15	16.7(16.3,17.0)	19.8(19.6,20.1)
	JD 20	15.4(14,16.8)	18.1(17.3,19.0)
	JD 25	19.9(18.7,21.2)	24.1(23.8,24,5)
	JD 30	17.7(16.6,18.7)	22.2(21.7,22,7)
	REC 5	19.4(18.7,20.0)	24.8(24.2,25.5)
	END	18.0(16.9,19.2)	24.0(23.2,24.9)
SEATED			
	JD 5	11.4(10.1,12.7)	12.8(12.6,13.0)
	JD 10	12.1(11.2,12.9)	13.7(13.6,13.8)
	JD 15	9.9(9.5,10.2)	11.8(11.5,12.0)
	JD 20	9.9(9.6,10.3)	11.4(11.2,11.6)
	JD 25	9.2(7.8,10.7)	11.5(10.8,12.2)
	JD 30	9.6(7.5,11.7)	12.8(11.7,13.9)
	REC 5	10.4(9.7,11.1)	13.2(11.8,14.6)
	END	15.6(15.2,16.2)	20.8(19.9,21.7)

