

## Supplementary Online Content

Morawski K, Ghazinouri R, Krumme A, et al. Association of a Smartphone Application With Medication Adherence and Blood Pressure Control: The MedISAFE-BP Randomized Clinical Trial. *JAMA Intern Med*. Published online April 16, 2018.  
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eTable. Trial outcomes assessed among patients with complete data only

eFigure. Blood pressure change over time by treatment group

This supplementary material has been provided by the authors to give readers additional information about their work.

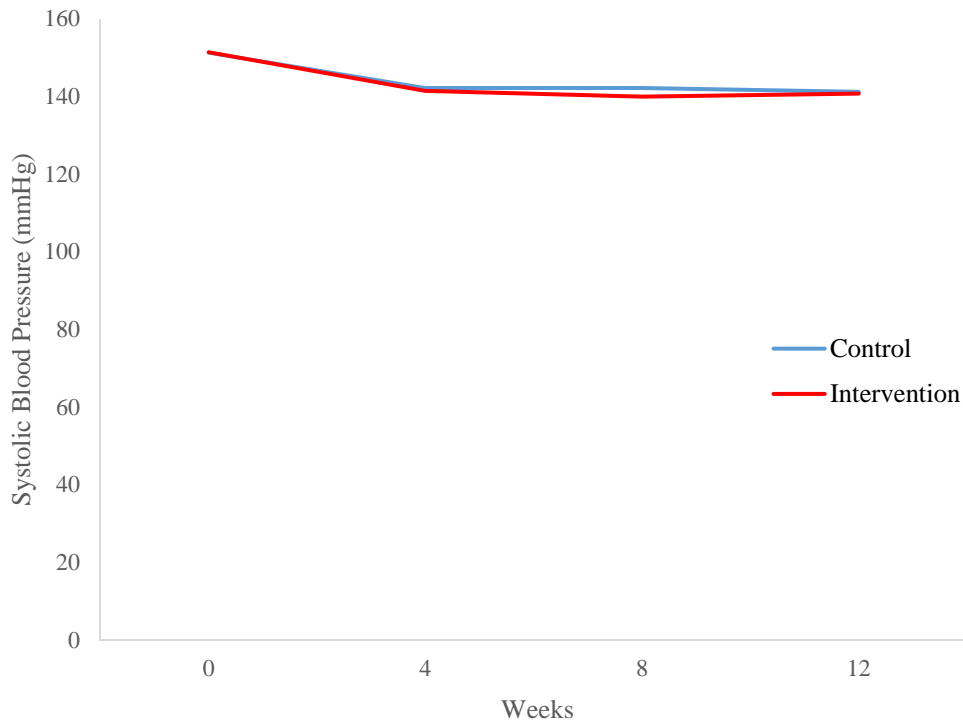
**eTABLE:** Trial Outcomes Assessed Among Patients with Complete Data Only

Variable	Intervention (n=184)			Control (n=179)			Unadjusted effect estimate		Adjusted effect estimate	
	Week 0	Week 12	Change	Week 0	Week 12	Change	Absolute Difference	P value	Absolute Difference	p-value
<i>Primary Outcomes</i>										
Medication adherence,* mean (SD)	6.0 (1.8)	6.3 (1.6)	0.4 (1.5)	5.7 (1.8)	5.7 (1.8)	-0.01 (1.5)	0.39 (0.08 to 0.69)	0.014	0.40 (0.08 to 0.71)	0.015
Systolic blood pressure, mean mmHg (SD)	151.4 (9.0)	140.8 (15.7)	-10.6 (16.0)	151.3 (9.4)	141.2 (17.3)	-10.1 (15.4)	-0.54 (-3.75 to 2.66)	0.74	0.23 (-3.02 to 3.48)	0.89
<i>Secondary Outcome</i>										
Controlled blood pressure, † n (%)	0 (0%)	67 (35.8%)	35.8%	0 (0%)	69 (37.9%)	37.9%	0.91 (0.60 to 1.40)	0.69	0.82 (0.53 to 1.28)	0.39

\*Measured by Morisky Medication Adherence Scale-8 Item (MMAS-8)

†Defined as blood pressure of <140/90 mmHg

**eFIGURE:** Blood Pressure Change Over Time by Treatment Group



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