

# Racial and Ethnic Differences in Longitudinal Control of Biophysical Indicators for Care-Managed Patients

**Ana R. Quiñones, PhD<sup>1,2</sup>**

**Katrina Ramsey, MPH<sup>2</sup>**

**Jason Newsom, PhD<sup>3</sup>**

**David Dorr, MD<sup>2</sup>**

<sup>1</sup>Portland VA Medical Center, <sup>2</sup>Oregon Health & Science University, <sup>3</sup>Portland State University

Acknowledgement of Funding: Medical Research Foundation (MRF-1217)



# Outline of the talk

- **Background**
  - **Older adults with multiple chronic conditions**
  - **Care Management Plus: health information technology enabled platform**
- **Is Care Management Plus effective for racial/ethnic minority patients?**
- **Findings**
- **Discussion points**

















***Is Care Management Plus as effective for racial and ethnic minority patients with complex chronic care needs?***





# Preliminary Results: HbA1c

Covariates	Baseline	Annual Change
Poor control ( $\geq 9$ )		
White NH	9.95	<b>-1.02***</b>
Black NH	10.24	<b>-0.97***</b>
Hispanic	10.47	<b>-0.92***</b>
At risk (6 to $<9$ )		
White NH	7.16	<b>0.20**</b>
Black NH	7.45	0.25
Hispanic	7.68	0.30

\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$

Adjusted for changing health, demographic, and previous period uncontrolled status



# Preliminary Results: MAP

Covariates	Baseline	Annual Change
Poor control (>140/90)		
White NH	100.94	<b>-3.74***</b>
Black NH	101.51	-2.60
Hispanic	100.67	-1.40
At risk (>120/80)		
White NH	93.81	-0.28
Black NH	94.39	0.86
Hispanic	93.54	2.07

\* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$

Adjusted for changing health, demographic, and previous period uncontrolled status







