

SMART Center II Common Data Elements			
Variable	Measurement	Details/Protocol	PhenX Toolkit
Brain Function and Stress			
Cognitive Impairment	Montreal Cognitive Assessment	MoCA <sup>1</sup> <b>Test:</b> <a href="http://www.mocatest.org/pdf_files/test/MoCA-Test-English_7_1.pdf">http://www.mocatest.org/pdf_files/test/MoCA-Test-English_7_1.pdf</a> <b>Instructions:</b> <a href="http://www.mocatest.org/pdf_files/instructions/MoCA-Instructions-English_2010.pdf">http://www.mocatest.org/pdf_files/instructions/MoCA-Instructions-English_2010.pdf</a>	No  No
Executive Function	Flanker Inhibitory Control & Attention	NIH Toolbox test, Computer administered <a href="http://www.nihtoolbox.org/WhatAndWhy/Cognition/Attention/Pages/NIH-Toolbox-Flanker-Inhibitory-Control-and-Attention-Test.aspx">NIH Toolbox Flanker Inhibitory Control and Attention Test</a> <a href="http://www.nihtoolbox.org/WhatAndWhy/Cognition/Attention/Pages/NIH-Toolbox-Flanker-Inhibitory-Control-and-Attention-Test.aspx">http://www.nihtoolbox.org/WhatAndWhy/Cognition/Attention/Pages/NIH-Toolbox-Flanker-Inhibitory-Control-and-Attention-Test.aspx</a>	
Neural Processing	fMRI	Self-Management analytic (TPN) and empathetic (DMN) tasks <sup>2</sup>	No
HPA Axis Function & Stress	Serum Measures Hair Cortisol Perceived Stress	Il-6 & hsCRP <sup>3</sup> Cortisol measure <sup>4</sup>  Perceived Stress Scale <sup>5</sup> <a href="https://www.phenxtoolkit.org/index.php?pageLink=browse.protocols&amp;filter=1&amp;id=180800">https://www.phenxtoolkit.org/index.php?pageLink=browse.protocols&amp;filter=1&amp;id=180800</a>	Yes
Cognitive and Contextual Mediators and Moderators			
Self-Efficacy	Chronic Disease Management Self Efficacy	Self-Report Scale (6 items) <sup>6,7</sup> <a href="http://patienteducation.stanford.edu/research/secd6.html">http://patienteducation.stanford.edu/research/secd6.html</a>	No
Decision-Making	Iowa Gambling Task (Adult)	Computer Administered Task <sup>8</sup> <a href="https://www.phenxtoolkit.org/index.php?pageLink=browse.protocoldetails&amp;id=530202">https://www.phenxtoolkit.org/index.php?pageLink=browse.protocoldetails&amp;id=530202</a>	Yes
Motivation	Self-Regulation Scale	Self-Report Scale (9 items) <sup>9</sup> <a href="http://www.ncbi.nlm.nih.gov/pubmed/9769608">http://www.ncbi.nlm.nih.gov/pubmed/9769608</a>	No
Patient Activation	Patient Activation Measure Caregiver Activation Measure	Self-Report Scale (13 items) <sup>10</sup> <a href="http://www.insigniahealth.com/products/pam-survey">www.insigniahealth.com/products/pam-survey</a> <sup>11</sup>	
Decentering	Experiences Questionnaire	Self-Report Scale (11 items) <sup>12,13</sup> <a href="https://mail.google.com/mail/u/0/#inbox/14c903887b15608a?projector=1">https://mail.google.com/mail/u/0/#inbox/14c903887b15608a?projector=1</a>	No

		<a href="http://www.personal.kent.edu/~mvandul/Fresco_et_al_Decentering_in_press_BT.pdf">http://www.personal.kent.edu/~mvandul/Fresco_et_al_Decentering_in_press_BT.pdf</a>  <a href="http://oxfordmindfulness.org/wp-content/uploads/Fresco-et-al-2007.pdf">http://oxfordmindfulness.org/wp-content/uploads/Fresco-et-al-2007.pdf</a>	
Variable	Measurement	Details/Protocol	PhenX Toolkit
Social Support	Duke Social Support Scale	Self-Report Scale (7 items) <sup>14</sup> <a href="http://www.sciencedirect.com/science/article/pii/S0033318293719283">http://www.sciencedirect.com/science/article/pii/S0033318293719283</a>	No
Compassion	Compassion/LC	Self-report (2 items) <sup>15</sup> <a href="http://www.dsescala.org">www.dsescala.org</a>	No
Self-Management Behavior Outcomes			
Physical Activity	Actigraph	Active Living Protocol <sup>16</sup> <a href="http://www.journalsleep.org/Articles/260718.pdf">http://www.journalsleep.org/Articles/260718.pdf</a>	Yes
	Diary	Daily Diary of Physical Activity (insert citation) <a href="http://www.cdc.gov/healthyweight/pdf/physical_activity_diary_cdc.pdf">http://www.cdc.gov/healthyweight/pdf/physical_activity_diary_cdc.pdf</a>	No
Diet	Nutrient Data Systems Report	Twenty-four standardized dietary recall <sup>17</sup> <a href="http://license.umn.edu/technologies/ndsr87072_nutrition-data-system-for-research-nutritional-analysis-software">http://license.umn.edu/technologies/ndsr87072_nutrition-data-system-for-research-nutritional-analysis-software</a>	No
Health Status Outcomes			
Perceived Health Status	PROMIS-29	Self-Report Scale (29 items including depression, anxiety, participation in social roles, physical function, pain, fatigue, and sleep) <sup>18,19</sup> <a href="https://www.assessmentcenter.net/document/InstrumentLibrary.pdf">https://www.assessmentcenter.net/document/InstrumentLibrary.pdf</a>	No
Cost	Econometric	Intervention staff time, Intervention staff travel costs, Participant travel to the intervention, Participant time at the intervention, Other participant intervention costs, Intervention incentives, Intervention supply costs, Intervention facility costs	No
Intervention Fidelity	Fidelity Process Measure	Data collection form to include fidelity components on intervention delivery, receipt and enactment; interventionists, recruitment, scheduling, & retention <sup>20</sup> <a href="http://www.ncoa.org/chamodules/documents/EnhancingFidelity_Bellg-et-al.pdf">http://www.ncoa.org/chamodules/documents/EnhancingFidelity_Bellg-et-al.pdf</a>	No

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