

Online Supplementary Material

Shields CG, Franks P, Fiscella K, Meldrum SC, Epstein RM. Rochester participatory decision-making scale (RPAD): reliability and validity. *Ann Fam Med*. 2005;3:436-443.

<http://www.annfammed.org/cgi/content/full/3/5/436/DC1>

**Supplemental Table 1. Characteristics of Patients In Sample**

Health Status	Percent Reporting
Hypertension	0.25
Myocardial infarction	0.00
Congestive heart failure	0.01
Diabetes	0.08
Angina	0.02
Arthritis	0.11
Back pain, sciatica	0.10
Liver disease	0.00
Ulcers	0.12
Depression	0.23
Blindness	0.06
Deafness	0.07
Limited mobility	0.13
	<b>Mean (SD)</b>
Self-reported health status from the SF-12	
PCS-12	45.97 (11.07)
MCS-12	48.75 (10.51)
SF-12 = Short Form – 12 Health Survey; PCS-12 = physical component summary; MCS-12 = medical component summary.	

**Supplemental Table 2. Regressions of Patient Surveys on RPAD and MPCC Components**

Dependent Variable	95% Confidence Interval			
	$\beta$	Lower	Upper	<i>P</i> Value
<b>HCCQ – autonomy support</b>				
RPAD only				
RPAD total	0.072	0.015	- 0.13	.0140*
RPAD & MPCC				
RPAD total	0.054	-0.002	- 0.110	.0590†
MPCC C1 – disease and illness	0.093	0.033	- 0.153	.0027‡
MPCC C2 – whole person	-0.045	-0.104	- 0.014	.1345
<b>PCAS – knowledge</b>				
RPAD only				
RPAD Total	0.061	0.001	- 0.122	.0455*
RPAD & MPCC				
RPAD total	0.041	-0.018	- 0.101	.1683
MPCC C1 – disease and illness	0.094	0.031	- 0.157	.0039‡
MPCC C2 – whole person	-0.022	-0.084	- 0.040	.4858
<b>PCAS – trust</b>				
RPAD only				
RPAD total	0.059	-0.001	- 0.120	.0552†
RPAD & MPCC				
RPAD total	0.043	-0.018	- 0.103	.1634
MPCC C1 – disease and illness	0.081	0.017	- 0.146	.0137*
MPCC C2 – whole person	-0.032	-0.095	- 0.031	.3199
<b>Satisfaction</b>				
RPAD only				
RPAD total	0.061	-0.001	- 0.124	.0545†
RPAD & MPCC				
RPAD total	0.048	-0.015	- 0.111	.1369
MPCC C1 – disease and illness	0.067	-0.000	- 0.134	.0507†
MPCC C2 – whole person	-0.025	-0.091	0.041	.4588

RPAD = Rochester Participatory Decision-Making Scale; MPCC = Measure of Patient-Centered Communication; C1, C2 = Component 1, Component 2; PCAS = Primary Care Assessment Survey.

\*  $P \leq .05$ .

†  $P < .10$ .

‡  $P \leq .005$ .

**Supplemental Table 3. Regressions of Standardized Patient Surveys on RPAD and MPCC Components**

Dependent Variable	95% Confidence Interval			
	$\beta$	Lower	Upper	<i>P</i> Value
<b>HCCQ – autonomy support</b>				
RPAD only				
RPAD total	0.324	0.194	- 0.454	< .0001*
RPAD & MPCC				
RPAD total	0.303	0.172	- 0.434	< .0001*
MPCC C1 – disease and illness	0.112	-0.005	- 0.228	.0600†
MPCC C2 – whole person	-0.009	-0.124	- 0.106	.8786
<b>PCAS – trust</b>				
RPAD only				
RPAD total	0.283	0.165	- 0.401	< .0001*
RPAD & MPCC				
RPAD total	0.256	0.139	- 0.373	< .0001*
MPCC C1 – disease and illness	0.147	0.039	- 0.255	.0081‡
MPCC C2 – whole person	-0.012	-0.118	- 0.095	.8282
RPAD = Rochester Participatory Decision-Making Scale; MPCC = Measure of Patient-Centered Communication; C1, C2 = Component 1, Component 2; PCAS = Primary Care Assessment Survey.				
* <i>P</i> ≤.005.				
† <i>P</i> < .10.				
‡ <i>P</i> ≤.05.				