

Supplemental materials for:

Solberg LI, Crain A, Maciosek MV, et al. A stepped-wedge evaluation of an initiative to spread the collaborative care model for depression in primary care. *Ann Fam Med*. 2015;13(5):412-420.

Supplemental Table 1. Proportions of patients with evidence of each of 31 comorbid conditions in the year period prior to DIAMOND Study enrollment.					
	ALL	DCA	UCA	UCB	UC
	%	%	%	%	%
depression	0.53	0.81	0.51	0.47	0.44
hypertension, uncomplicated	0.21	0.21	0.22	0.21	0.2
chronic pulmonary disease	0.14	0.12	0.13	0.15	0.13
obesity	0.11	0.1	0.11	0.12	0.11
diabetes, uncomplicated	0.09	0.07	0.11	0.08	0.1
hypothyroidism	0.09	0.11	0.11	0.09	0.06
cardiac arrhythmia	0.06	0.03	0.08	0.04	0.06
fluid and electrolyte disorders	0.05	0.04	0.06	0.04	0.04
alcohol abuse	0.05	0.05	0.05	0.05	0.05
drug abuse	0.04	0.05	0.05	0.03	0.03
other neurological disorders	0.03	0.04	0.03	0.03	0.03
liver disease	0.03	0.02	0.03	0.02	0.03
solid tumor without metastases	0.03	0.04	0.03	0.03	0.03
congestive heart failure	0.02	0.02	0.03	0.01	0.02
valvular heart disease	0.02	0.02	0.03	0.02	0.02
peripheral vascular disorders	0.02	0.02	0.02	0.02	0.03
Diabetes, complicated	0.02	0.02	0.03	0.02	0.02
renal failure	0.02	0.01	0.02	0.01	0.02
rheumatoid arthritis/collagen disorder	0.02	0.03	0.02	0.03	0.02
weight loss	0.02	0.01	0.02	0.01	0.02
deficiency anemia	0.02	0.02	0.03	0.02	0.02
pulmonary circulation disorders	0.01	0	0.01	0.01	0

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Hypertension, complicated	0.01	0	0.01	0.01	0
coagulopathy	0.01	0.01	0.01	0.01	0.02
blood loss anemia	0.01	0	0	0.01	0.01
psychoses	0.01	0.02	0.01	0.01	0.01
paralysis	0	0	0	0	0
peptic ulcer disease excluding bleeding	0	0.01	0	0.01	0
AIDS/HIV	0	0	0	0	0
lymphoma	0	0	0	0	0
metastatic cancer	0	0	0	0.01	0

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Supplemental Table 2. Proportions of patients, overall and by study group, who reported receiving each of 14 depression care processes and the average count of processes received, at either baseline or 6 month follow-up.					
During the past 6 months of depression treatment, were you:	ALL	DCA	UCA	UCB	UC
Asked for your ideas and preferences regarding your depression treatment	0.55	0.79	0.53	0.49	0.49
Asked about your concerns and questions with regards to depression treatment	0.71	0.90	0.67	0.69	0.67
Sure that your doctor or nurse considered your values and goals when recommending treatments	0.84	0.96	0.80	0.84	0.8
Provided with a treatment plan you could do in your daily life	0.75	0.92	0.73	0.73	0.72
Asked about any problems or side effects from your treatments	0.60	0.85	0.55	0.58	0.53
Encouraged to attend programs in the community that could help you	0.40	0.66	0.36	0.38	0.32
Told about changes you could make in your daily life that could improve depression	0.73	0.93	0.71	0.69	0.69
Asked a series of questions about how often you were bothered by depression symptoms	0.79	0.98	0.77	0.74	0.75
Asked about your use of alcohol and drugs	0.79	0.96	0.77	0.76	0.77
Asked about thoughts of hurting yourself or suicide	0.82	0.99	0.80	0.79	0.79

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Asked whether you preferred medications or counseling	0.51	0.74	0.49	0.46	0.46
Given written information about depression & its treatment	0.57	0.86	0.51	0.53	0.56
Provided with a nurse or other professional who works with your doctor to help you with depression care	0.38	0.92	0.32	0.28	0.26
Called by a health professional who works with your doctor to follow-up on how your treatments were working	0.28	0.81	0.21	0.18	0.18
PACIC: sum of care processes received	8.70	12.22	8.18	8.11	7.97

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Supplemental Table 3. Average PHQ9 scores, and proportion of patients with PHQ9 scores indicating treatment response or remission, at 6 month follow-up by whether the patient reported receiving each care process at baseline or 6 month follow-up.						
	M6 PHQ		M6 response		M6 remission	
	no	yes	no	yes	no	yes
During the past 6 months of depression treatment, were you:						
Asked for your ideas and preferences regarding your depression treatment	8.05	7.37**	0.42	0.50**	0.33	0.38
Asked about your concerns and questions with regards to depression treatment	8.34	7.41*	0.42	0.49	0.31	0.37
Sure that your doctor or nurse considered your values and goals when recommending treatments	8.60	7.49**	0.36	0.49***	0.28	0.37**
Provided with a treatment plan you could do in your daily life	8.78	7.36***	0.39	0.49**	0.3	0.38**
Asked about any problems or side effects from your treatments	7.87	7.51	0.44	0.49	0.35	0.37
Encouraged to attend programs in the community that could help you	7.51	7.79	0.48	0.46	0.37	0.35
Told about changes you could make in your daily life that could improve depression	7.91	7.55	0.42	0.49	0.34	0.37
Asked a series of questions about how often you were bothered by depression symptoms	8.10	7.53	0.42	0.49	0.31	0.37
Asked about your use of alcohol and drugs	7.89	7.58	0.43	0.48	0.35	0.36
Asked about thoughts of hurting yourself or suicide	7.95	7.57	0.44	0.48	0.33	0.37

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Asked whether you preferred medications or counseling	7.88	7.44*	0.46	0.48	0.36	0.36
Given written information about depression & its treatment	8.09	7.35*	0.44	0.49	0.34	0.37
Provided with a nurse or other professional who works with your doctor to help you with depression care	7.48	7.85	0.46	0.49	0.36	0.36
Called by a health professional who works with your doctor to follow-up on how your treatments were working	7.60	7.69	0.45	0.52*	0.35	0.39

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