



Supplementary Material

Article Title: Telephone-Based Depression Care Management for Postpartum Women: A Randomized Controlled Trial

Author(s): Katherine L. Wisner, MD, MS; Dorothy K. Y. Sit, MD; Mary McShea, MA; James F. Luther, MA; Heather F. Eng, BA; John L. Dills, MLIS; Eydie L. Moses-Kolko, MD; and Stephen R. Wisniewski, PhD

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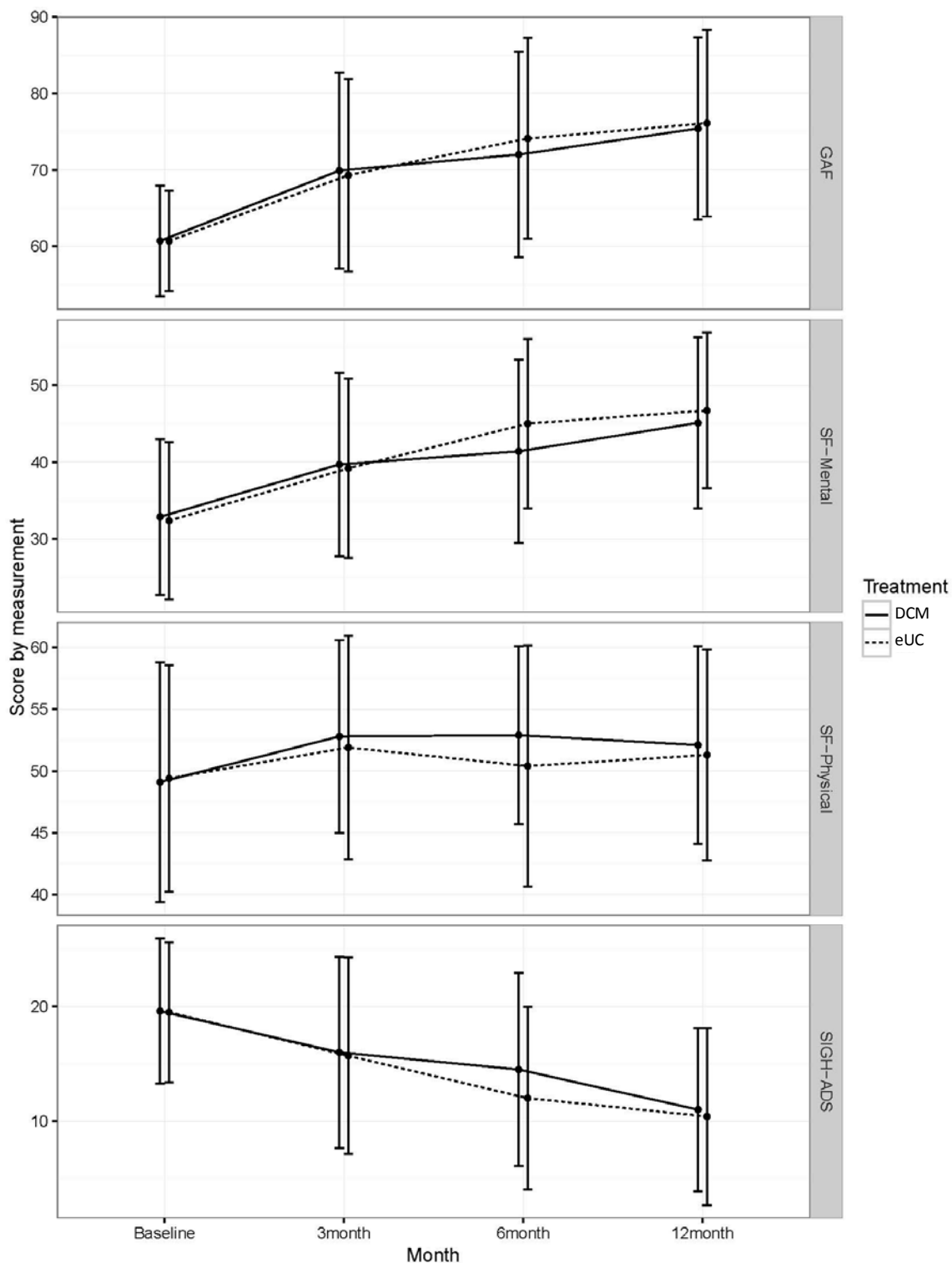
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Supplementary eTable 1. Independent Evaluator Measures for All Subjects in the RCT				
Depressive Symptoms	Baseline	3m	6m	12m
Depressive Symptom Ratings (SIGH-ADS)	•	•	•	•
Current/Lifetime depressive disorder (SCID)	•			
LIFE Interview		•	•	•
Functional Status				
Global Assessment of Function (GAF)	•	•	•	•
Short Form Health Survey (SF-12)	•	•	•	•
Gratification in the maternal role (GRAT)	•	•	•	•
Pregnancy/Delivery/Birth				
Peripartum Events Scale	•			
Chronic medical conditions	•			
Child Outcomes				
General health: Maternal overall rating	•	•	•	•
Brief Infant/Toddler Social and Emotional Assessment (BITSEA)				•
Patient Belief/Support				
Patient attitudes toward depression care (PARC-D)	•			
Utilization Analysis				
Use of Health Services Questionnaire	•	•	•	•

Supplementary eTable 2. Treatment Preferences at Baseline				
	All	DCM	eUC	
	n (%N)	n (%N)	n (%N)	p
Medication				0.2554
Not likely	141 (25.0)	75 (26.6)	66 (23.5)	
Somewhat likely	177 (31.4)	94 (33.3)	83 (29.5)	
Very likely	245 (43.5)	113 (40.1)	132 (47.0)	
Group counseling				0.1721
Not likely	43 (7.2)	20 (6.7)	23 (7.8)	
Somewhat likely	229 (38.6)	126 (42.3)	103 (34.8)	
Very likely	322 (54.2)	152 (51.0)	170 (57.4)	
Search media				0.8939
Not likely	79 (13.1)	40 (13.3)	39 (12.8)	
Somewhat likely	189 (31.3)	96 (32.0)	93 (30.6)	
Very likely	336 (55.6)	164 (54.7)	172 (56.6)	
Alternative therapies				0.8251
Not likely	338 (56.5)	163 (55.3)	175 (57.8)	
Somewhat likely	162 (27.1)	82 (27.8)	80 (26.4)	
Very likely	98 (16.4)	50 (16.9)	48 (15.8)	

Supplementary eFigure 1: Symptoms and Function Scores Across the First Year After Birth



Abbreviations:

DCM= Depression Care Management

GAF= Global assessment of function scale

SF-12= Short-form health survey

SIGH-ADS= Structured Interview Guide for the Hamilton Rating Scale for Depression, Atypical Depression Symptom Version

eUC = Enhanced Usual Care

Supplementary Table 3. Use of Health Services by Treatment and Study Month

Health Service	DCM				eUC				p
	Month 0 (N=310)	Month 3 (N=213)	Month 6 (N=212)	Month 12 (N=199)	Month 0 (N=312)	Month 3 (N=225)	Month 6 (N=218)	Month 12 (N=211)	
INFANT MEASURES									
Mother's rating of infant's health:									0.5288
Poor	1 (0.3)	3 (1.4)	0 (0.0)	0 (0.0)	1 (0.3)	1 (0.4)	0 (0.0)	1 (0.5)	
Fair	4 (1.3)	3 (1.4)	6 (2.9)	3 (1.5)	1 (0.3)	3 (1.3)	5 (2.3)	2 (1.0)	
Good	21 (6.8)	22 (10.3)	20 (9.5)	18 (9.1)	33 (10.7)	20 (9.0)	22 (10.2)	21 (10.0)	
Very good	89 (28.8)	51 (23.9)	43 (20.5)	56 (28.3)	70 (22.7)	56 (25.1)	49 (22.7)	63 (30.0)	
Excellent	194 (62.8)	134 (62.9)	141 (67.1)	121 (61.1)	203 (65.9)	143 (64.1)	140 (64.8)	123 (58.6)	
Visited emergency room (baby)	37 (12.2)	36 (17.1)	43 (20.4)	61 (30.8)	39 (12.6)	29 (13.1)	34 (15.9)	57 (27.1)	0.7780
N emergency room visits (baby)	0.16 ± 0.57	0.19 ± 0.47	0.28 ± 0.81	0.40 ± 0.79	0.15 ± 0.43	0.15 ± 0.40	0.21 ± 0.57	0.35 ± 0.66	0.7649
Admitted to hospital (baby)	19 (6.3)	13 (6.2)	18 (8.5)	14 (7.1)	17 (5.5)	15 (6.8)	8 (3.7)	13 (6.2)	0.0436
N of hospital admissions (baby)	0.06 ± 0.26	0.04 ± 0.19	0.11 ± 0.50	0.08 ± 0.28	0.06 ± 0.23	0.06 ± 0.24	0.04 ± 0.19	0.07 ± 0.38	0.1892
Manner of feeding:									0.1060*
Breast	81 (26.1)	53 (24.9)	45 (21.3)	25 (12.8)	85 (27.3)	54 (24.5)	46 (21.2)	14 (6.7)	
Bottle	172 (55.5)	127 (59.6)	138 (65.4)	146 (74.5)	167 (53.7)	127 (57.7)	145 (66.8)	168 (80.8)	
Both	57 (18.4)	33 (15.5)	28 (13.3)	25 (12.8)	59 (19.0)	39 (17.7)	26 (12.0)	26 (12.5)	
Medical emergency room visit	45 (14.6)	19 (8.9)	21 (9.9)	53 (26.6)	41 (13.2)	23 (10.2)	32 (14.7)	49 (23.3)	0.2386
MATERNAL MEASURES									
N emergency room visits	0.16 ± 0.44	0.06 ± 0.23	0.06 ± 0.26	0.32 ± 0.76	0.17 ± 0.51	0.21 ± 1.44	0.20 ± 0.69	0.34 ± 1.04	0.0149
Visited primary care doctor	46 (15.3)	61 (28.6)	86 (40.8)	113 (56.8)	50 (16.5)	73 (32.6)	82 (37.8)	121 (57.3)	0.6599
N visits with primary care doctor	0.23 ± 0.72	0.41 ± 1.07	0.45 ± 0.80	0.94 ± 1.46	0.21 ± 0.58	0.33 ± 0.66	0.54 ± 1.08	1.00 ± 2.23	0.5745
Visited OB/GYN	152 (49.5)	151 (70.9)	83 (39.2)	89 (44.9)	156 (50.2)	158 (70.2)	62 (28.4)	84 (40.0)	0.2776
N visits with OB/GYN	0.67 ± 0.92	0.86 ± 0.92	0.42 ± 0.69	0.73 ± 1.39	0.67 ± 0.95	0.76 ± 0.80	0.33 ± 0.67	0.81 ± 2.37	0.5993
Visited psychiatrist	20 (6.5)	36 (17.2)	29 (13.7)	30 (15.2)	16 (5.1)	23 (10.4)	26 (11.9)	25 (11.8)	0.2390
N visits with psychiatrist	0.08 ± 0.39	0.33 ± 1.24	0.24 ± 1.10	1.18 ± 6.96	0.07 ± 0.40	0.13 ± 0.51	0.18 ± 0.71	0.26 ± 1.08	0.3168
Visited mental help professional	34 (11.0)	36 (17.0)	47 (22.3)	43 (21.7)	31 (9.9)	43 (19.3)	45 (20.7)	51(24.2)	0.6682
N visits with mental health professional	0.25 ± 0.97	0.28 ± 1.14	0.86 ± 2.76	2.15 ± 6.78	0.22 ± 0.85	0.73 ± 2.30	0.82 ± 2.33	1.30 ± 3.74	0.1134
Received help:									
Private counseling	213 (69.2)	48 (22.6)	52 (24.9)	44 (22.1)	210 (67.7)	46 (20.5)	56 (25.8)	50 (23.7)	0.1848
Medication	166 (53.7)	66 (31.0)	66 (31.1)	70 (35.0)	169 (54.2)	69 (30.7)	61 (28.0)	67 (31.8)	0.5797
Self-Help Group	37 (12.0)	8 (3.8)	7 (3.3)	7 (3.5)	40 (12.8)	5 (2.2)	3 (1.4)	2 (0.9)	0.9043
Alternative Therapy	33 (10.8)	7 (3.3)	5 (2.4)	6 (3.0)	34 (10.9)	9 (4.1)	4 (1.8)	9 (4.3)	0.7036

NOTE: The value 0 was assigned to "N": variables if no visits were made.

Categorical variables are expressed as the number plus percentage; Continuous variables are presented as mean plus standard deviation.

*In order to estimate a repeated measures binomial logistic model, "Bottle" and "Both" were combined.