

Multimedia Appendix 2

Comparison of outcomes' changes in the intervention group (n=49), in the observation group (n=43), and D value between the 2 groups.

	Intervention Group (n=49)					Observation Group (n=43)					<i>t</i>	<i>P</i> value
	Mean (SD)					Mean (SD)						
	Pre	Post	<i>D</i> value (Post-Pre)	<i>t</i>	<i>P</i> value	Pre	Post	<i>D</i> value (Post-Pre)	<i>t</i>	<i>P</i> value		
Perceived Social Support Scale	66.7 (10.0)	66.6 (11.7)	-0.1 (12.7)	0.056	.96	65.2 (11.5)	64.9 (10.5)	-0.3 (17.2)	0.124	0.90	0.071	.94
Self-Rating Anxiety Scale	49.8 (10.7)	42.8 (10.2)	-7.0 (13.1)	3.745	.00 ^a	49.5 (10.8)	49.1 (12.2)	-0.4 (15.8)	0.157	0.88	-2.200	.03 ^a
Self-Rating Depression Scale	56.9 (12.1)	50.8 (12.0)	-6.1 (15.0)	2.830	.007 ^a	55.9 (13.7)	50.6 (12.9)	-5.3 (19.0)	1.812	0.08	-0.221	.83
Zarit Burden Inventory	37.6 (10.4)	38.8 (12.6)	1.2 (16.2)	-0.502	.62	37.2 (11.1)	44.5 (14.2)	7.3 (17.1)	-2.794	0.008 ^a	-1.764	.08
Parents' Perception of Uncertainty Scale	114.4 (7.1)	89.4 (10.4)	-25.0 (8.2)	21.314	.00 ^a	113.7 (6.8)	93.9 (7.7)	-19.8 (10.1)	12.813	0.00 ^a	-2.761	.007 ^a
Medical Outcomes Study 36-item Short Form												
Physical functioning	85.6 (18.2)	86.7 (13.8)	1.1 (23.5)	-0.335	.74	86.2 (19.6)	84.3 (18.7)	-1.9 (25.7)	0.475	0.64	0.582	.56

	Social functioning	69.6 (23.4)	78.6 (19.3)	9.0 (32.8)	-1.907	.06	70.6 (23.0)	63.1 (21.6)	-7.5 (30.3)	1.637	0.11	2.494	.01 ^a
	Pain	77.6 (17.8)	81.6 (15.8)	4.0 (23.4)	-1.199	.24	77.5 (20.5)	79.1 (15.8)	1.6 (28.2)	-0.373	0.71	0.447	.66
	Mental health	58.1 (18.3)	64.0 (18.9)	5.9 (24.8)	-1.657	.10	58.4 (22.9)	64.7 (18.8)	6.2 (24.6)	-1.658	0.11	-0.069	.95
	Vitality	58.5 (19.5)	63.5 (21.6)	5.0 (26.4)	-1.328	.19	58.4 (20.1)	59.4 (24.4)	1.0 (25.9)	-0.265	0.79	0.724	.47
	General health	64.2 (20.6)	66.7 (20.2)	2.5 (21.9)	-0.796	.43	66.0 (19.3)	67.5 (21.7)	1.5 (28.6)	-0.346	0.73	0.182	.86
	Role limitation owing to physical problems	39.8 (46.5)	31.1 (41.9)	-8.7 (56.7)	1.070	.29	43.6 (47.3)	40.7 (43.0)	-2.9 (62.0)	0.307	0.76	-0.466	.64
	Role limitation owing to emotional problems	31.9 (42.4)	47.6 (43.5)	15.7 (63.1)	-1.735	.09	29.4 (41.9)	31.8 (39.8)	2.4 (63.9)	-0.238	0.81	1.003	.32
Knowledge Questionnaire													
	Existing knowledge	23.3 (5.0)	51.7 (12.2)	28.4 (12.4)	-15.997	.00 ^a	23.6 (7.3)	40.8 (9.8)	17.2 (11.9)	-9.448	.00 ^a	4.407	.00 ^a
	Knowledge needs	98.9 (4.1)	89.0 (11.2)	-9.9 (11.6)	5.948	.00 ^a	99.5 (3.1)	97.6 (5.5)	-1.9 (6.4)	1.981	0.05	-4.112	.00 ^a

^aData were statistically significant at the .05 level (2-tailed).