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Intention, beliefs and mood assessed using electronic diaries predicts attendance at cardiac rehabilitation

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Supplementary materials:

Table 1 (supplemental): Descriptive analysis of participants

` 11	Not attend	Attend	Total	-	Not attend	Attend	Total
Gender				Living			
				arrangements			
Male	22/16.5%	111/83.5%	133	Not alone	22/16.4%	11/83.6%	134
Female	6/18.2%	27/81.8%	33	yes, alone	6/19.4%	25/80.6%	31
Total	28/16.9%	138/83.1%	166	Total	28/17.0%	137/83.0%	165
Social deprivation				Previous CHD			
Cat 1(most)	8/36.4%	14/63.6%	22	No	15/12.5%	105/87.5%	120
Category 2	3/14.3%	18/85.7%	21	MI	10/33.3%	20/66.7%	30
Category 3	4/12.9%	27/87.1%	31	UAP	3/25.0%	9/75.0%	12
Category 4	11/19.6%	45/80.4%	56	ACS	0/0%	1/100%	1
Cat 5 (least)	2/5.6%	34/94.4%	36	CABG	0/0%	1/100%	1
Total	28/16.9%	138/83.1%	166	OTHER	0/0%	1/100%	1
				Total	28/17.0%	137/83.0%	165
Diagnosis							
STEMI	5/7.9%	58/92.1%	63	Diabetes			
NON- STEMI	22/24.4%	68/75.6%	90	No	21/14.6%	123/85.4%	144
UAP	1/8.3%	11/91.7%	12	NIDDM	7/36.8%	12.63.2%	19
Total	28/17.0%	137/83.0%	165	IDDM	0/0%	3/100%	3
				Total	28/16.9%	138/83.1%	166
Smoking							
Never smoked	8/14.0%	49/86.0%	57	CVA			
Ex-smoker	5/8.1%	57/91.9%	62	No	27/16.9%	133/83.1%	160
Current	15/31.9%	32/68.1%	47	Yes	1/25.0%	3/75.0%	4
Total	28/16.9%	138/83.1%	166	Total	28/17.1%	136/82.9%	164
Exercise				PVD			
No regular	12/26.7%	33/73.3%	45	No	22/14.9%	126/85.1%	148
<pre>exercise <20 mins x 3 wk</pre>	4/21.1%	15/78.9%	19	Yes	4/30.8%	9/69.2%	13
>20 mins x 3 wk	12/11.8%	90/88.2%	102	Total	26/16.1%	135/83.9%	161
Total	28/16.9%	138/83.1%	166				
10141	%=row percent	ages: STEMI- S	T elevation	on myocardial infarction			G-

<u>Key</u>

myocardial infarction; UAP- Unstable Angina Pectoris; ACS-Acute Coronary Syndrome; CABG-Coronary Artery Bypass Grafting NIDDM- Non Insulin Dependent Diabetes; CVA- Cerebral Vascular Accident; PVD-Peripheral Vascular Disease

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Table 2 (supplemental): Descriptive statistics for time-varying variables from electronic diary

Variable	N	Mean	s.d.	Min	Max	Between person reliabilities	Within- person reliabilities
Weeks	811	3.27	3.28	0.0	20.0	-	-
Timeline (acute/chronic)	811	58.06	35.34	0.0	100.0	.99	.70
Consequences	811	47.12	27.53	0.0	100.0	.97	.56
Personal control	811	79.07	18.44	11.0	100.0	.89	.14
Treatment control	811	71.28	20.85	0.0	100.0	.94	.44
Illness coherence	811	73.10	25.82	0.0	100.0	.97	.57
Timeline (cyclical)	811	32.88	26.48	0.0	100.0	.96	.54
Emotional representation	811	32.56	28.41	0.0	100.0	.98	.66
Perceived necessity	811	74.57	24.63	0.0	100.0	.96	.62
Concerns re exercise	811	26.96	26.59	0.0	100.0	.94	.08
Practical barriers	811	23.40	30.81	0.0	100.0	.96	.21
Perceived suitability	811	24.56	28.08	0.0	100.0	.97	.57
CSE-Controlling symptoms	748	2.61	0.92	0.0	4.0	.98	.66
CSE-Maintaining function	804	2.41	1.04	0.0	4.0	.99	.72
Do not intend	811	.75	0.65	0.0	2.00	-	-
Negative affect	811	23.14	21.23	0.0	100.0	.97	.69
Positive affect	811	63.27	23.15	0.0	100.0	.84	.61

 $Table\ 3\ (supplemental):\ Regression\ of\ EMA\ diary\ measures\ of\ cardiac\mbox{-related}\ beliefs$ and mood on validated questionnaire equivalents.

Measure	Coefficient	SE	T	Sig
Timeline Acute chronic (t1)				
Intercept	58.71	0.99	59.30	<.0001
Slope	3.92	0.18	21.78	<.0001
Emotional representation (t1)				
Intercept	33.31	0.82	40.62	<.0001
Slope	4.05	0.20	20.25	<.0001
Perceived necessity (t1)				
Intercept	74.39	0.83	89.63	<.0001
Slope	3.45	0.36	9.58	<.0001
CSE-controlling symptoms (t1)				
Intercept	14.61	0.89	16.42	<.0001
Slope	3.99	1.44	2.77	0.006
CSE-maintaining function (t1)				
Intercept	11.12	0.52	21.34	<.0001
Slope	3.00	0.56	-	
Intention (t1)				
Intercept	85.07	0.85	100.08	<.0001
Slope	9.76	0.93	10.49	<.0001
Anxiety (t1) with negative affect				
Intercept	23.46	0.68	34.50	<.0001
Slope	2.40	0.18	13.33	<.0001
Depression (t1) with negative affect				
Intercept	23.46	0.67	35.01	<.0001
Slope	2.71	0.20	13.55	<.0001
Anxiety (t1) with positive affect				
Intercept	63.01	0.76	90.01	<.0001
Slope	-2.29	0.20	-11.45	<.0001
Depression (t1) with positive affect				
Intercept	63.01	0.72	87.51	<.0001
Slope	-3.21	0.21	15.29	<.0001