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

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*Published in:*  
International Journal of Nursing Studies

*DOI:*  
[10.1016/j.ijnurstu.2018.08.015](https://doi.org/10.1016/j.ijnurstu.2018.08.015)

*Publication date:*  
2018

*Licence:*  
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*Document Version*  
Peer reviewed version

[Link to publication in Discovery Research Portal](#)

*Citation for published version (APA):*  
Jones, M., Smith, K., Herber, O., White, M., Steele, F., & Johnston, D. W. (2018). Intention, beliefs and mood assessed using electronic diaries predicts attendance at cardiac rehabilitation: An observational study. *International Journal of Nursing Studies*, 88, 143-152. <https://doi.org/10.1016/j.ijnurstu.2018.08.015>

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Supplementary materials:

**Table 1 (supplemental): Descriptive analysis of participants**

	Not attend	Attend	Total		Not attend	Attend	Total
<b>Gender</b>				<b>Living arrangements</b>			
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
<b>Social deprivation</b>				<b>Previous CHD</b>			
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
<b>Diagnosis</b>				<b>Diabetes</b>			
STEMI	5/7.9%	58/92.1%	63	No	21/14.6%	123/85.4%	144
NON-STEMI	22/24.4%	68/75.6%	90	NIDDM	7/36.8%	12.63.2%	19
UAP	1/8.3%	11/91.7%	12	IDDM	0/0%	3/100%	3
Total	28/17.0%	137/83.0%	165	Total	28/16.9%	138/83.1%	166
<b>Smoking</b>				<b>CVA</b>			
Never smoked	8/14.0%	49/86.0%	57	No	27/16.9%	133/83.1%	160
Ex-smoker	5/8.1%	57/91.9%	62	Yes	1/25.0%	3/75.0%	4
Current	15/31.9%	32/68.1%	47	Total	28/17.1%	136/82.9%	164
Total	28/16.9%	138/83.1%	166				
<b>Exercise</b>				<b>PVD</b>			
No regular exercise	12/26.7%	33/73.3%	45	No	22/14.9%	126/85.1%	148
<20 mins x 3 wk	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				
<b>Key</b>	% = row percentages: STEMI- ST elevation myocardial infarction; NSTEMI- Non- ST elevation 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						

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

<b>Variable</b>	<b>N</b>	<b>Mean</b>	<b>s.d.</b>	<b>Min</b>	<b>Max</b>	<b>Between person reliabilities</b>	<b>Within- person reliabilities</b>
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-related beliefs and mood on validated questionnaire equivalents.**

<b>Measure</b>	<b>Coefficient</b>	<b>SE</b>	<b>T</b>	<b>Sig</b>
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