

Supplemental Online Content

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eTable 1: Univariate and multivariate logistic regression analysis of predictors of severe psychological distress (defined after HADS > 15).

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This supplemental material has been provided by the authors to give readers additional information about their work.

Supplemental Table 1: Univariate and multivariate logistic regression analysis of predictors of severe psychological distress (defined after HADS > 15) at baseline.

	Reference	Baseline	Single explanatory variable models		Multiple explanatory variable model	
			Odds ratio (95% CI)	<i>P</i> -value	Odds ratio (95% CI)	<i>P</i> -value
Age in years	x+1	x	1.01 (0.97, 1.04)	0.800	1.00 (0.95, 1.06)	0.954
Gender	Male	Female	0.79 (0.33, 1.94)	0.612	0.30 (0.07, 1.25)	0.099
Persistent AF	No	Yes	0.68 (0.29, 1.60)	0.379		
BMI	x+1	x	1.04 (0.93,1.11)	0.242		
CHADS ₂ VA ₂ Sc	x+1	x	0.98 (0.74,1.30)	0.871		
AFSSS	x+1	x	1.12 (1.05,1.20)	0.001	1.12 (1.04, 1.21)	0.004
Personality D type	No	Yes	0.13 (0.05, 0.34)	<0.001	0.10 (0.03, 0.33)	<0.001

BMI: Body mass index; AFSSS: Atrial Fibrillation Symptom Severity Score; HADS: Hospital Anxiety and Depression Score.

Supplemental table 2: Monitoring strategy in the study cohort

	Ablation (n = 49)	Medical (n = 47)
AliveCor (%)	28 (57)	30 (63)
Intracardiac Monitoring (%)	14 (29)	11 (23)
I. Loop Recorder (%)	11 (23)	11 (23)
II. Dual Chamber Device (%)	3 (6)	0 (0)
Periodic Holter Monitoring (%)	7 (14)	6 (14)

Pearson's chi-square test of association between monitoring type and treatment group: $\chi^2 = 3.11$, $df = 3$, $P = 0.376$.

Supplemental Table 3: Changes in the 8 subscales of the SF-36 in the Ablation and Medical arms between baseline and 12 months.

		Ablation arm (N=49)	Medical arm (N=47)	Ablation minus Medical @12 months		
		Ablation arm (N=49)	Medical arm (N=47)	Mean	95% CI	P-value
Baseline	General Health	53.13 (18.42)	56.22 (20.23)			
	Role – Physical	50.43 (24.71)	57.38 (24.92)			
	Role – Emotional	69.22 (22.34)	68.55 (27.44)			
	Vitality	40.20 (22.15)	41.53 (20.77)			
	Emotional Wellbeing	71.97 (16.37)	64.66 (19.52)			
	Social Function	59.40 (32.81)	58.44 (26.68)			
	Pain	70.52 (18.04)	58.22 (20.83)			
	Physical Function	59.68 (24.39)	58.55 (25.26)			
12 Months	General Health	62.25 (22.13)	59.17 (23.21)	3.08	-6.88, 13.05	0.540
	Role – Physical	70.49 (31.79)	55.65 (29.01)	14.84	1.71, 27.97	0.027
	Role – Emotional	85.85 (22.68)	62.70 (32.42)	23.15	11.03, 35.27	< 0.001
	Vitality	54.07 (20.09)	39.58 (23.82)	14.49	4.97, 24.01	0.003
	Emotional Wellbeing	74.65 (19.59)	70.10 (21.55)	4.56	-4.34, 13.45	0.311
	Social Function	80.23 (28.25)	62.20 (25.97)	18.03	6.33, 29.73	0.003
	Pain	70.97 (22.88)	67.62 (32.16)	3.35	-8.74, 15.43	0.583
	Physical Function	71.74 (24.71)	61.67 (30.20)	10.08	-1.85, 22.00	0.097

Supplemental Figure 1

Hospital Anxiety and Depression Scale (HADS)

Tick the box beside the reply that is closest to how you have been feeling in the past week.
Don't take too long over you replies: your immediate is best.

D	A		D	A	
		I feel tense or 'wound up':			I feel as if I am slowed down:
3		Most of the time	3		Nearly all the time
2		A lot of the time	2		Very often
1		From time to time, occasionally	1		Sometimes
0		Not at all	0		Not at all
		I still enjoy the things I used to enjoy:			I get a sort of frightened feeling like 'butterflies' in the stomach:
0		Definitely as much	0		Not at all
1		Not quite so much	1		Occasionally
2		Only a little	2		Quite Often
3		Hardly at all	3		Very Often
		I get a sort of frightened feeling as if something awful is about to happen:			I have lost interest in my appearance:
3		Very definitely and quite badly	3		Definitely
2		Yes, but not too badly	2		I don't take as much care as I should
1		A little, but it doesn't worry me	1		I may not take quite as much care
0		Not at all	0		I take just as much care as ever
		I can laugh and see the funny side of things:			I feel restless as I have to be on the move:
0		As much as I always could	3		Very much indeed
1		Not quite so much now	2		Quite a lot
2		Definitely not so much now	1		Not very much
3		Not at all	0		Not at all
		Worrying thoughts go through my mind:			I look forward with enjoyment to things:
3		A great deal of the time	0		As much as I ever did
2		A lot of the time	1		Rather less than I used to
1		From time to time, but not too often	2		Definitely less than I used to
0		Only occasionally	3		Hardly at all
		I feel cheerful:			I get sudden feelings of panic:
3		Not at all	3		Very often indeed
2		Not often	2		Quite often
1		Sometimes	1		Not very often
0		Most of the time	0		Not at all
		I can sit at ease and feel relaxed:			I can enjoy a good book or radio or TV program:
0		Definitely	0		Often
1		Usually	1		Sometimes
2		Not Often	2		Not often
3		Not at all	3		Very seldom

Please check you have answered all the questions

Scoring:

Total score: Depression (D) _____ Anxiety (A) _____

0-7 = Normal

8-10 = Borderline abnormal (borderline case)

11-21 = Abnormal (case)