



Article

Measures Associated With Early, Late, and Persistent Clinically Significant Symptoms of Depression 1 Year After Stroke in the AFFINITY Trial

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eTable 2. Risk ratio of stroke participants showing evidence of clinically significant symptoms of depression[‡] over a period of 52 weeks according to their baseline characteristics (using doubling of NIHSS scores rather than mRS as a measure of severity of stroke).

		Early depression N=227 RR (95%CI) [†]	Late depression N=87 RR (95%CI)	Persistent depression N=136 RR (95%CI)
Age in years	< 60	1 (Reference)	1 (Reference)	1 (Reference)
	60-69	1.09 (0.74-1.60)	0.80 (0.44-1.46)	0.91 (0.55-1.53)
	≥ 70	1.06 (0.70-1.61)	1.12 (0.64-1.99)	1.38 (0.84-2.26)
Female sex		1.28 (0.91-1.81)	1.59 (0.98-2.58)	1.41 (0.93-2.15)
Marital status not married or partnered		0.67 (0.41-1.09)	0.55 (0.26-1.16)	0.29 (0.14-0.61)
Living alone		1.51 (0.80-2.87)	0.90 (0.35-2.29)	1.56 (0.66-3.65)
Country	Vietnam	1 (Reference)	1 (Reference)	1 (Reference)
	Australia / New Zealand	1.72 (1.15-2.58)	4.29 (2.45-7.52)	3.94 (2.42-6.41)
Mild to moderate disability pre-stroke		1.90 (0.76-4.80)	2.37 (0.79-7.12)	1.38 (0.42-4.52)
Stroke classification	POCS	1 (Reference)	1 (Reference)	1 (Reference)
	Haemorrhagic	1.26 (0.71-2.23)	1.74 (0.74-4.11)	0.63 (0.30-1.33)
	LACS	1.78 (1.06-2.99)	1.34 (0.57-3.15)	0.77 (0.39-1.53)
	PACS	0.85 (0.53-1.39)	1.64 (0.81-3.32)	0.93 (0.54-1.59)
	TACS	1.25 (0.59-2.68)	3.19 (1.22-8.38)	1.10 (0.47-2.60)
Uncertain*		—	3.67 (0.32-42.24)	1.48 (0.13-16.52)
Doubling of NIHSS		2.08 (1.65-2.62)	1.53 (1.14-2.06)	2.50 (1.89-3.32)
Depression before stroke requiring treatment		1.41 (0.52-3.84)	1.90 (0.65-5.57)	6.28 (2.88-13.71)
Assigned treatment with placebo [#]		1.10 (0.80-1.51)	0.92 (0.58-1.46)	1.23 (0.824-1.83)

[‡]Clinically significant symptoms of depression defined by a total PHQ-9 score ≥ 9 or participant reported clinician diagnosis of depression or introduction of an antidepressant during the study or referral for non-pharmacological treatment of depression. A total of 771 (63.1%) participants showed no evidence of depression over 52 weeks. The analyses were limited to the 1159 participants who were alive and had not been lost by week 52.

[†]Risk ratio (RR) derived multinomial logistic regression. All listed measures were entered simultaneously in the model and the reported risk ratios indicate the main effect of the exposures. Bold print used to highlight statistically significant associations.

95%CI: 95% confidence interval.

mRS: Modified Rankin Scale.

LACS: Lacunar stroke; PACS: Partial Anterior Circulation stroke; POCS: Posterior Circulation stroke; TACS: Total Anterior Circulation stroke

*Uncertain includes 3 cases with unrecorded classification and 4 whose diagnosis of stroke was questionable.

[#]Participants were randomly assigned treatment with fluoxetine or placebo for 26 weeks (6 months).