

Table 5: The association between pre-existing conditions and the post-stroke cognitive impairment among Lebanese stroke survivors.

	3 months post stroke			6 months post stroke			12 months post stroke		
	No cognitive impairment	Cognitive imapirment	p-value	No cognitive impairment	Cognitive imapirment	p-value	No cognitive impairment	Cognitive imapirment	p-value
Atrial Fibrillation									
No	22 (71.0)	61 (66.3)	NS	48 (75.0)	33 (58.9)	NS	53 (72.6)	25 (56.8)	NS
Yes	9 (29.0)	31 (33.7)		16 (25.0)	23 (41.1)		20 (27.4)	19 (43.2)	
Myocardial Infarction									
No	28 (90.3)	74 (80.4)	NS	55 (85.9)	44 (78.6)	NS	64 (87.7)	33 (75.0)	NS
Yes	3 (9.7)	18 (19.6)		9 (14.1)	12 (21.4)		9 (12.3)	11 (25.0)	
High blood pressure									
No	9 (29.0)	20 (21.7)	NS	14 (21.9)	14 (25.0)	NS	17 (23.3)	11 (25.0)	NS
Yes	22 (71.0)	72 (78.3)		50 (78.1)	42 (75.0)		56 (76.7)	33 (75.0)	
Other cardiovascular diseases									
No	27 (87.1)	78 (84.8)	NS	52 (81.3)	52 (92.9)	NS	61 (83.6)	40 (90.9)	NS
Yes	4 (12.9)	14 (15.2)		12 (18.8)	4 (7.1)		12 (16.4)	4 (9.1)	
Diabetes mellitus									
No	15 (48.4)	57 (62.0)	NS	32 (50.0)	37 (66.1)	NS	34 (46.6)	33 (75.0)	0.004
Yes	16 (51.6)	35 (38.0)		32 (50.0)	19 (33.9)		39 (53.4)	11 (25.0)	
Family history									
No	3 (10.7)	18 (20.7)	NS	11 (18.3)	8 (15.4)	NS	12 (17.4)	7 (17.1)	NS
Yes	25 (89.3)	69 (79.3)		49 (81.7)	44 (84.6)		57 (82.6)	34 (82.9)	
Family history of stroke									
No	8 (44.4)	36 (55.4)	NS	25 (55.6)	17 (48.6)	NS	29 (54.7)	12 (46.2)	NS
Yes	10 (55.6)	29 (44.6)		20 (44.4)	18 (51.4)		24 (45.3)	14 (53.8)	