

SUPPLEMENTAL MATERIAL

Supplemental Table. Non-fatal first-time CV events among subtypes AD, IMH, and PAU versus matched population referents (not adjusted for the Charlson Comorbidity Index due to low event rates in subgroups).

Aortic dissection (n=77)								
	All CV events				Excluding acute CV events*			
	AD	Referents	HR (95% CI)	p	AD	Referents	HR (95% CI)	p
	No. at risk/events	No. at risk/events			No. at risk/events	No. at risk/events		
Any CV event	59 / 26	153 / 28	3.9 (2.3 – 6.8)	<.001	42 / 19	114 / 22	3.0 (1.6 – 5.6)	<.001
MI	71 / 3	205 / 12	0.99 (0.3 – 3.6)	.984	57 / 0	165 / 8	No events	.811
HF	68 / 20	195 / 30	3.2 (1.8 – 5.7)	<.001	53 / 17	154 / 22	3.0 (1.6 – 5.6)	<.001
Stroke	72 / 9	201 / 12	2.8 (1.2 – 6.7)	.021	57 / 5	160 / 9	1.8 (0.6 – 5.5)	.283
Intramural hematoma (n=21)								
	All CV events				Excluding acute CV events*			
	IMH	Referents	HR (95% CI)	p	IMH	Referents	HR (95% CI)	p
	No. at risk/events	No. at risk/events			No. at risk/events	No. at risk/events		
Any CV event	15 / 4	34 / 7	2.2 (0.6 – 8.2)	.221	13 / 2	28 / 4	2.9 (0.5 – 17.5)	.257
MI	18 / 2	51 / 0	27.2 (0.5 – 1500.5)	.106	17 / 2	48 / 0	27.2 (0.5 – 1500.5)	.106
HF	20 / 6	54 / 5	4.3 (1.3 – 14.4)	.019	17 / 4	45 / 3	5.9 (1.2 – 30.0)	.031
Stroke	17 / 0	45 / 3	0.7 (0.02 – 33.0)	.872	17 / 0	45 / 3	0.7 (0.02 – 33.0)	.872

Penetrating aortic ulcer (n=35)

	All CV events				Excluding acute CV events*			
	PAU No. at risk/events	Referents No. at risk/events	HR (95% CI)	p	PAU No. at risk/events	Referents No. at risk/events	HR (95% CI)	p
Any CV event	26 / 6	65 / 8	2.7 (0.9 – 8.1)	.066	25 / 6	64 / 7	3.0 (0.99 – 9.0)	.053
MI	31 / 2	87 / 2	3.8 (0.5 – 28.9)	.191	29 / 2	82 / 2	3.7 (0.5 – 28.0)	.202
HF	29 / 6	79 / 9	2.5 (0.9 – 7.2)	.082	28 / 6	78 / 9	2.5 (0.9 – 7.1)	.088
Stroke	33 / 0	94 / 3	0.5 (0.02 – 18.4)	.739	31 / 0	89 / 2	0.6 (0.02 – 26.8)	.809

*Including deaths >14 days of diagnosis only