

SUPPLEMENTAL MATERIAL

		Time between Site Approval and Authorization to Randomize (“Green Light”)		Time Between Authorization to Randomize and First Patient	
		Hazard Ratio (95% CI)	P-Value	Hazard Ratio (95% CI)	P-Value
PI Specialty	Interventional Radiology or Neuroradiology	0.89 (0.36 – 2.20)	0.62	0.50 (0.17 – 1.43)	0.72
	Neurology	0.93 (0.58 – 1.50)		0.79 (0.44 – 1.42)	
	Neurosurgery	0.51 (0.23 – 1.16)		0.93 (0.40 – 2.14)	
	Vascular Surgery	0.94 (0.60 – 1.48)		0.94 (0.55 – 1.58)	
	Cardiology	1.00 (ref)		1.00 (ref)	
Site Type	Private Hospital	1.23 (0.82 – 1.85)	0.44	0.96 (0.58 – 1.59)	0.15
	Private office	1.49 (0.87 – 2.57)		1.77 (0.99 – 3.15)	
	VA Medical Center	0.92 (0.42 – 2.01)		1.71 (0.72 – 4.03)	
	Academic	1.00 (ref)		1.00 (ref)	
Affiliates	Yes	1.28 (0.85 – 1.92)	0.23	0.91 (0.56 – 1.48)	0.71
	No	1.00 (ref)		1.00 (ref)	
StrokeNET participation	StrokeNET	1.27 (0.88 – 1.85)	0.21	0.84 (0.55 – 1.30)	0.43
	Non-StrokeNET	1.00		1.00	

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		(ref)		(ref)	
Use of the Central IRB	Yes	1.25 (0.87 – 1.79)	0.23	0.88 (0.58 – 1.34)	0.56
	No	1.00 (ref)		1.00 (ref)	
Staff Complement	Partial	0.73 (0.43 – 1.23)	0.24	1.47 (0.79 – 2.72)	0.22
	Full	1.00 (ref)		1.00 (ref)	
Number of CEA	<10	1.12 (0.54 – 2.34)	0.83	1.50 (0.68 – 3.30)	0.45
	10-25	1.33 (0.71 – 2.52)		0.57 (0.23 – 1.43)	
	25-50	1.10 (0.72 – 1.69)		1.00 (0.60 – 1.67)	
	>50	1.00 (ref)		1.00 (ref)	
Number of CAS	<10	1.35 (0.75 – 2.44)	0.23	0.81 (0.40 – 1.62)	0.84
	10-25	1.34 (0.78 – 2.31)		0.96 (0.53 – 1.75)	
	25-50	1.75 (1.02 – 3.02)		0.80 (0.43 – 1.48)	
	>50	1.00 (ref)		1.00 (ref)	
Approval by site selection committee	CAS only	0.40 (0.15 – 1.10)	0.21	1.96 (0.79 – 4.86)	0.29
	CEA only	0.99 (0.48 – 2.04)		1.45 (0.52 – 4.03)	
	Both	1.00 (ref)		1.00 (ref)	

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Green light authorization for randomization	CAS only	Not Applicable		0.92 (0.42 – 2.02)	0.014
	CEA only			0.47 (0.28 – 0.80)	
	Both			1.00 (ref)	
CREST Participation	Top Half	0.59 (0.38 – 0.91)	0.055	1.24 (0.77 – 2.02)	0.46
	Bottom Half	0.88 (0.56 – 1.38)		0.88 (0.52 – 1.50)	
	Not in CREST	1.00 (ref)		1.00 (ref)	

Supplemental Table I: Univariate hazard ratio for time between site approval by the site selection committee and authorization to randomize, and between authorization to randomize and the recruitment of the first patient. Note that hazard ratios greater than 1.00 represent evidence of a shorter time to authorization or randomization.

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	Level	Univariate				Multivariable	
		Recruit / Clin Mths	Recruit Rate per Month (95% CI)	Recruitment Ratio (95% CI)	P-Value	Recruitment Ratio (95% CI)	P-Value
Affiliates	Yes	145 508	0.29 (0.24 – 0.34)	1.18 (0.96 – 1.44)	0.11	0.90 (0.68 – 1.19)	0.47
	No	292 1,204	0.24 (0.22 – 0.27)	1.00 (ref)		1.00 (ref)	
CIRB Use	Yes	220 903	0.24 (0.21 – 0.28)	0.91 (0.75 – 1.10)	0.32	1.19 (0.93 – 1.53)	0.16
	No	217 809	0.27 (0.23 – 0.31)	1.00 (ref)		1.00 (ref)	
Staff Complement	Partial	55 212	0.26 (0.20 – 0.34)	1.02 (0.77 – 1.35)	0.90	0.71 (0.45 – 1.10)	0.12
	Full	382 1,501	0.25 (0.23 – 0.28)	1.00 (ref)		1.00 (ref)	

Supplemental Table II: Statistically insignificant (either univariate or multivariable) predictors of number the number of patients recruited per site per month. Data by columns are: 1) number of patients recruited and cumulative number of recruitment months, 2) estimated recruitment rate per month (with 95% CI), 3) relative recruitment rates (with 95% CI), 4) univariate test of differences in recruitment rates, 5) multivariable relative recruitment rates, and 6) multivariable test of differences in recruitment rates. Analysis was also performed for whether the site had affiliates recruitment partners and whether the site was at full staff complement, with neither of these factors being significant ($p > 0.1$) in either univariate or multivariable analysis (these factors also remain in the multivariable model).