

Level of consciousness No reaction to tail pinch	0	Gait No movement	0
Poor response to tail pinch	1	Moderate ataxia or circling	1
Brisk response to tail pinch	2	Normal gait	2
Corneal reflex No blinking (either eye)	0	Movement/activity No spontaneous movement	0
Sluggish blinking (either eye)	1	Sluggish movement	1
Normal blinking (both eyes)	2	Normal movement	2
Respiration Irregular breathing pattern	0	Touch escape response No movement in response to touch	0
Decreased frequency, normal pattern	1	Recoil in < half of assays	1
Normal frequency and pattern	2	Consistent attempts to escape	2

Total possible score 12

Analyses of Neurological Function. Global neurological function is assessed using a composite scoring system adapted from Abella et al. Domains test include assessments of level of consciousness, spontaneous movement, gait, touch escape response, corneal reflex, and respiration. Neurological assessments are performed on Days -10, 0, 1, 3, 5, and 6 by a blinded investigator. Abella BS, Zhao D, Alvarado J, Hamann K, Vanden Hoek TL, Becker LB. [Intra-arrest cooling improves outcomes in a murine cardiac arrest model.](#) *Circulation.*

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