Table e-1. Percent prioritizing autonomy in competencies by provider role

Competency	Role	n	Independent at or after graduation	p-value
Arterial and central venous catheterization	Residents and NCC fellows	83	100.0%	
	Attending physicians	34	100.0%	1.000 <sup>b</sup>
	Fellowship/unit directors	49	100.0%	
Perform EVD placement	Residents and NCC fellows	83	45.8%	
	Attending physicians	33	33.3%	0.196ª
	Fellowship/unit directors	48	31.3%	
	Residents and NCC fellows	83	47.0%	
Bolt/probe placement	Attending physicians	34	44.1%	0.950 <sup>a</sup>
	Fellowship/unit directors	49	44.9%	
Perform trach procedure	Residents and NCC fellows	83	48.2%	0.027 <sup>a</sup>
	Attending physicians	34	41.2%	
	Fellowship/unit directors	49	24.5%	
Perform PEG procedure	Residents and NCC fellows	82	29.3%	
	Attending physicians	33	9.1%	0.004 <sup>a</sup>
	Fellowship/unit directors	47	8.5%	
Perform/interpret critical care ultrasound	Residents and NCC fellows	83	94.0%	
	Attending physicians	34	91.2%	0.844 <sup>b</sup>
	Fellowship/unit directors	49	93.9%	
	Residents and NCC fellows	83	96.4%	0.012 <sup>b</sup>

Perform intubation and airway management	Attending physicians	34	79.4%	_
	Fellowship/unit directors	48	93.8%	_
Perform diagnostic and therapeutic bronchoscopy	Residents and NCC fellows	82	85.4%	
	Attending physicians	34	70.6%	0.180 <sup>a</sup>
	Fellowship/unit directors	48	81.3%	
Interpretation of hemodynamic and volume status data	Residents and NCC fellows	83	100.0%	
	Attending physicians	34	100.0%	1.000 <sup>b</sup>
	Fellowship/unit directors	49	100.0%	_
	Residents and NCC fellows	83	100.0%	
Interpretation of ICP data	Attending physicians	34	100.0%	1.000 <sup>b</sup>
	Fellowship/unit directors	49	100.0%	_
Interpretation of advanced invasive neuro-monitoring data	Residents and NCC fellows	83	96.4%	
	Attending physicians	33	97.0%	0.421 <sup>b</sup>
	Fellowship/unit directors	49	100.0%	_
Interpretation of TCDs	Residents and NCC fellows	83	95.2%	
	Attending physicians	34	100.0%	0.123 <sup>b</sup>
	Fellowship/unit directors	49	89.8%	
Interpretation of EEG	Residents and NCC fellows	83	92.8%	
	Attending physicians	34	61.8%	<0.001 <sup>a</sup>
	Fellowship/unit directors	49	65.3%	
Brain death determination	Residents and NCC fellows	83	98.8%	4 000h
	Attending physicians	34	100.0%	− 1.000 <sup>b</sup>

	Fellowship/unit directors	48	100.0%	
Interpretation of cerebral angiography	Residents and NCC fellows	83	92.8%	
	Attending physicians	34	58.8%	<0.001ª
	Fellowship/unit directors	49	81.6%	
Neurologic clinical localization	Residents and NCC fellows	83	100.0%	
	Attending physicians	34	100.0%	0.500 <sup>b</sup>
	Fellowship/unit directors	49	98.0%	

<sup>&</sup>lt;sup>a</sup>chi-square test; <sup>b</sup>Fisher's exact test

EVD: external ventricular drain; PEG: percutaneous endoscopic gastrostomy; ICP: Intracranial pressure; TCD: transcranial Doppler; EEG: electroencephalogram