Table E1: Scores obtained from a survey inquiring on the coil preference (1 = preferred traditional coil, 5 = preferred screen-printed coil). The average scores for technologists, anesthesiologists and nurses were 4.2, 3.6 and 4.1 indicating strong preference of the screen-printed coil by ancillary staff. The data suggest that ease of positioning and setup is likely improved to that with the commercial 32 channel coil with a confidence of at least 70%. The data also suggest that the choice of airway can likely be maintained with a confidence of > 75% as per the anesthesiologists scoring. The choice of airway is improved with a confidence of > 73% as per the scoring of the nurses. Furthermore, the scores suggest that the choice of anesthetic is likely to be maintained with the new coil with a confidence of > 85% and > 87% as per anesthesiologists and nurses, respectively.

	Technologists			Anesthesiologists			Nurses			Parents/Child
	Ease of positioning/setup (1 = much harder, 5 = much easier)	Overall coil preference (1 = traditional coil, 5 = printed coil)	Case coil preference (1 = traditional coil, 5 = printed coil)	Improvement in choice of airway (1 = much worsened, 5 = much improved)	Improvement in choice of anesthetic (1 = much worsened, 5 = much improved)	Overall coil preference (1 = traditional coil, 5 = printed coil)	Improvement in choice of airway (1 = much worsened, 5 = much improved)	Improvement in choice of anesthetic (1 = much worsened, 5 = much improved)	Overall coil preference (1 = traditional coil, 5 = printed coil)	Picture of printed coil, which do you prefer (1 = traditional, 5 = printed coil)
Average	4.2	4.2	4.2	3.6	3.2	3.8	4.2	3.9	4.2	4.5
Overall average	**4.2**			**3.6**			**4.1**			**4.5**
Confidence interval with level 80% (≥ 3)	[69.6% (13.9/20), 94.4% (18.9/20)]	[69.6% (13.9/20), 94.4% (18.9/20)]	[69.6% (13.9/20), 94.4% (18.9/20)]	[74.9% (15.0/20), 99.3% (19.9/20)]	[84.8% (17.0/20), 100.0% (20.0/20)]	[74.9% (15.0/20), 99.3% (19.9/20)]	[88.0% (17.6/20), 100.0% (20.0/20)]	[87.3% (17.5/20), 100.0% (20.0/20)]	[88.6% (17.8/20), 100.0% (20.0/20)]	[54.7% (10.9/20), 98.5% (19.7/20)]
Confidence interval with level 80% (≥ 4)	[69.6% (13.9/20), 94.4% (18.9/20)]	[63.8% (12.8/20), 91.0% (18.2/20)]	[58.5% (11.7/20), 87.3% (17.5/20)]	[36.9% (7.4/20), 75.7% (15.1/20)]	[8.10% (1.6/20), 41.7% (8.3/20)]	[36.9% (7.4/20), 75.7% (15.1/20)]	[73.1% (14.6/20), 97.0% (19.4/20)]	[43.3% (8.7/20), 76.9% (15.4/20)]	[56.6% (11.3/20), 86.6% (17.3/20)]	[54.7% (10.9/20), 98.5% (19.7/20)]