

Supplemental Material S2. Descriptive statistics: group means, standard deviations, and ranges by condition (pre recurrent laryngeal nerve [RLN] block [PRE], during RLN block [DUR], and post-RLN block recovered [REC]).

Measures	Condition	Mean	(SD)	Range
<i>Acoustic measures – Distance between formants in “cents”</i>				
F5–F4	PRE	496.7	(135.96)	218–680
	DUR	423.4	(99.37)	232–586
	REC	537	(146.28)	279–689
F4–F3	PRE	591.2	(106.48)	430–742
	DUR	621	(80.42)	525–778
	REC	591.6	(84.31)	460–710
F3–F2	PRE	1570.2	(167.85)	1354–1859
	DUR	1533	(262.86)	1002–1870
	REC	1504.5	(160.62)	1343–1847
F2–F1	PRE	739.8	(134.02)	548–947
	DUR	1183.7	(259.39)	845–1601
	REC	640.6	(196.99)	239–911
<i>Aerodynamic measures – Estimated subglottic pressure in centimeters of water (P_s in cmH₂O), mean peak airflow in liters per second (flow in L/s)</i>				
Ps	PRE	6.93	(1.59)	4.69 – 8.82
	DUR	6.92	(1.98)	3.81 – 10.09
	REC	7.77	(2.2)	4.98 – 12.29
Flow	PRE	0.10	(0.06)	0.02 – 0.23
	DUR	0.20	(0.12)	0.06 – 0.47
	REC	0.11	(0.07)	0.03 – 0.22
<i>Respiratory measures – Lung volume initiation, termination, and excursion (LVI, LVT, LVE); rib cage initiation, termination, and excursion (RCI, RCT, RCE); and abdominal initiation, termination, and excursion (ABI, ABT, ABE) as % of vital capacity and relative to end expiratory level (%VC relative to EEL)</i>				
LVI	PRE	30.93	(8.81)	15.66 – 43.98
	DUR	24.17	(11.98)	5.4 – 43.14
	REC	22.72	(12.29)	5.84 – 40.25
LVT	PRE	19.40	(10.44)	1.77 – 33.28
	DUR	8.46	(17.05)	-16.45 – 33.1
	REC	9.59	(13.66)	-8.53 – 27.81
LVE	PRE	11.54	(3.96)	6.38 – 19.51
	DUR	15.71	(6.16)	10.03 – 29.17
	REC	13.13	(3.99)	8.94 – 22.54
RCI	PRE	32.33	(12.90)	14.47 – 55.92
	DUR	26.19	(14.83)	6.1 – 57.59
	REC	23.30	(15.13)	0.57 – 47.27
RCT	PRE	22.93	(14.67)	6.95 – 51.02
	DUR	12.53	(18.48)	-9.56 – 51.05
	REC	13.76	(15.83)	-7.63 – 41.05
RCE	PRE	9.41	(4.31)	4.33 – 15.89
	DUR	13.66	(6.83)	6.53 – 30.7
	REC	9.54	(2.77)	6.21 – 15.9
ABI	PRE	19.17	(7.10)	5.69 – 28.81
	DUR	12.64	(9.91)	-2.17 – 29.91
	REC	13.78	(8.97)	2.52 – 27.83
ABT	PRE	9.44	(7.22)	-2.48 – 21.24
	DUR	-1.05	(16.63)	-35.77 – 17.94
	REC	1.40	(10.05)	-14.63 – 13.62
ABE	PRE	9.73	(4.42)	2.32 – 17.68
	DUR	13.70	(9.07)	3.46 – 33.6
	REC	12.39	(5.88)	1.57 – 22.75