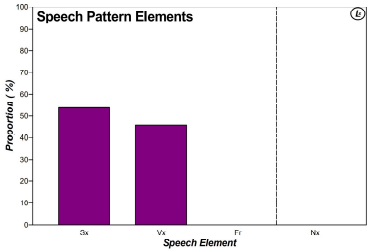
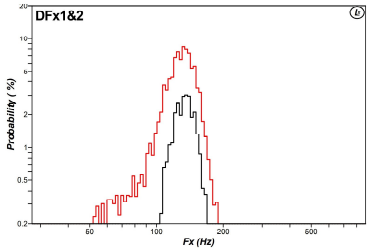
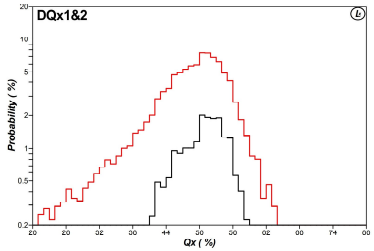
Laryngograph ® Speech Studio Report (Aspects of Voice Quality)

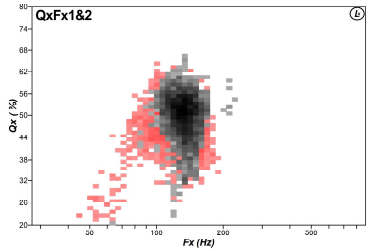
ENT& audiology news

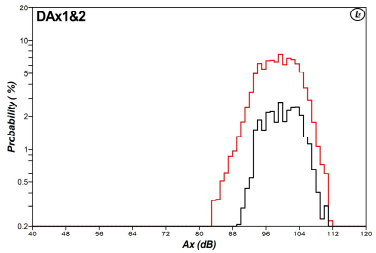
12+ months after Cricotracheal Resection

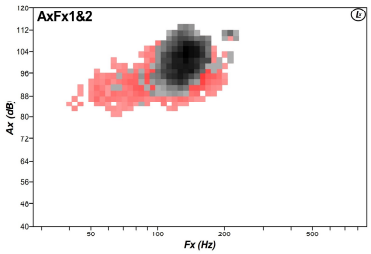


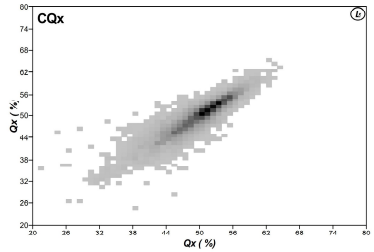


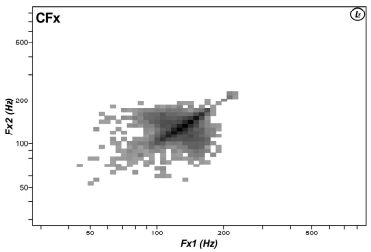






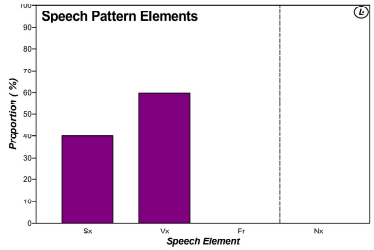


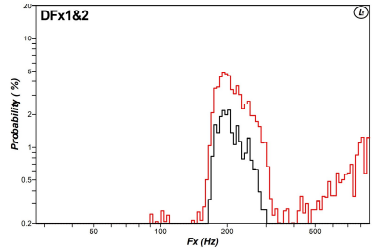


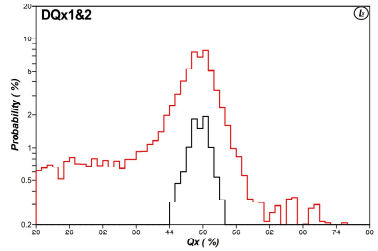


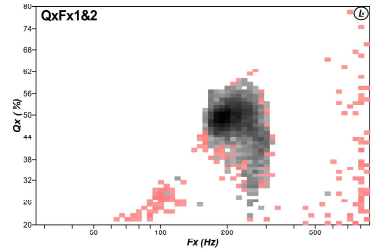
Graph	Samples	Mean	Mode	Median	Std. Dev.	Coherence	80% Range	90% Range	Irreg.
Speech Pattern Elements	13946								
DFx1&2 (1)	12505	124.18Hz B2	132.72Hz C3	129.62Hz C3	27.34Hz 0.29 Oct	27.32%	97.4, 154.8Hz 0.67 Oct	77.9, 163.2Hz 1.07 Oct	
DFx1&2 (2)	3416	130.60Hz C3	136.60Hz C3#	134.30Hz C3	16.36Hz 0.17 Oct	27.32%	115.0, 153.2Hz 0.41 Oct	109.8, 159.0Hz 0.54 Oct	
DQx1&2 (1)	12445	47.31 %	50.50 %	49.56 %	7.61 %	19.72%	38.5, 55.9 %	33.2, 58.2 %	
DQx1&2 (2)	2454	49.12 %	50.50 %	51.00 %	5.50 %	19.72%	43.5, 55.7 %	40.6, 57.2 %	
QxFx1&2	12441					38.33%			
DAx1&2 (1)	12509	97.67dB	99.50dB	99.00dB	5.53dB	30.99%	92.0, 105.3dB	89.4, 106.9dB	
DAx1&2 (2)	3876	98.84dB	99.50dB	99.90dB	4.84dB	30.99%	93.7, 105.8dB	92.2, 107.3dB	
AxFx1&2	12505					38.14%			
CQx	12426								48.98%
CFx	12505								37.92%

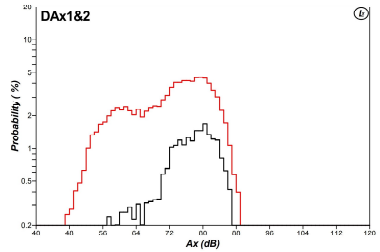
12+ months after Endoscopic Laryngotracheoplasty

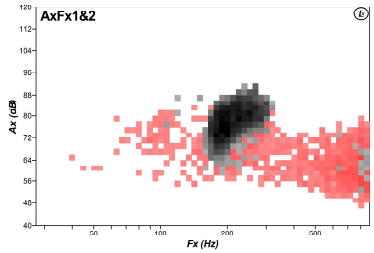


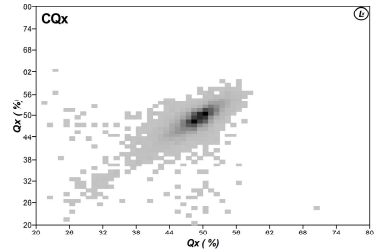


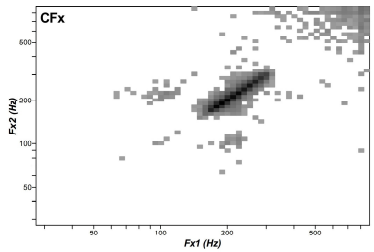












Graph	Samples	Mean	Mode	Median	Std. Dev.	Coherence	80% Range	90% Range	Irreg.
Speech Pattern Elements	17619								
DFx1&2 (1)	14061	279.09Hz C4#	193.19Hz G3	217.74Hz A3	182.82Hz 0.73 Oct	29.59%	170.6, 641.1Hz 1.91 Oct	115.9, 785.1Hz 2.76 Oct	
DFx1&2 (2)	4161	211.82Hz G3#	204.68Hz G3#	205.82Hz G3#	57.00Hz 0.34 Oct	29.59%	177.7, 263.2Hz 0.57 Oct	173.4, 278.8Hz 0.69 Oct	
DQx1&2 (1)	13437	45.65 %	50.50 %	48.45 %	10.02 %	14.04%	31.1, 54.9 %	25.9, 62.3 %	
DQx1&2 (2)	1886	47.37 %	50.50 %	49.16 %	4.76 %	14.04%	44.4, 52.3 %	40.0, 53.4 %	
QxFx1&2	12067					48.16%			
DAx1&2 (1)	17272	70.43dB	79.50dB	73.33dB	9.69dB	23.12%	57.2, 82.8dB	54.1, 84.6dB	
DAx1&2 (2)	3993	74.71dB	80.50dB	77.34dB	7.87dB	23.12%	63.5, 84.0dB	58.8, 85.6dB	
AxFx1&2	14061					41.63%			
CQx	12979								56.94%
CFx	12747								29.80%