

Table 1. Patient characteristics. Age is presented as Mean \pm SEM.

	DS (n=44)	Non-DS (n=62)	p-value
Age (years)	4.92 \pm 0.68	5.54 \pm 0.49	p=0.445
Group 1: 0-5	0.98 \pm 0.26 (n=22)	2.19 \pm 0.34 (n=29)	p=0.011*
Group 2: 5-10	7.20 \pm 0.39 (n=14)	6.74 \pm 0.28 (n=21)	p=0.335
Group 3: 10+	11.73 \pm 0.54 (n=8)	11.52 \pm 0.33 (n=12)	p=0.720
Sex			
Male	20 (45%)	28 (45%)	
Female	24 (55%)	34 (55%)	
DS associated co-morbidities			
Congenital cardiac disorders	34 (77%)	-	
AVSD	18 (41%)	-	
VSD	6 (14%)	-	
ASD	13 (30%)	-	
PDA	8 (18%)	-	
Prior cardiac surgery	20 (45%)	-	
Pulmonary hypertension	6 (14%)	-	
Hypothyroidism	15 (34%)	-	
Aspiration	11 (25%)	-	
Gastro-oesophageal reflux	7 (16%)	-	
Asthma	8 (18%)	-	
Recurrent respiratory infections	13 (30%)	-	
Upper airway anomaly	12 (27%)	-	
Laryngomalacia	7 (16%)	-	
Tracheomalacia	3 (7%)	-	
Vocal cord paralysis	1 (2%)	-	
Tracheal rings	1 (2%)	-	

Prior ENT surgery	16 (36%)	-
Adenotonsillectomy	14 (32%)	-
Tonsillectomy	2 (5%)	-
Non-DS: Diagnoses		
Obstructive sleep apnoea	-	24 (39%)
Sickle cell disease	-	6 (10%)
Pierre Robin sequence	-	9 (15%)
Cerebral palsy/developmental delay	-	7 (11%)
Achondroplasia	-	3 (5%)
Upper airway resistance syndrome	-	2 (3%)
Other	-	11 (18%)
