

Table 1. Patient characteristics.

Patient	Comorbidities	Symptoms	Age at MBSS	Findings of MBSS	Age at first flexible bronchoscopy	Age at first rigid bronchoscopy	Time from first flexible bronchoscopy to diagnosis	Cleft type
1	None	Noisy breathing, stridor, increased respiratory effort at night	4 m	Aspiration of thin consistency	4 m	4 m	0 m (diagnosed at time of first bronchoscopy)	I
2	22q11 deletion, tetraology of fallot	Noisy breathing, cough, stridor	4 m	Aspiration of all consistencies, nasopharyngeal reflux	4 m	4 m	0 m (diagnosed at time of first bronchoscopy)	I
3	Esophageal atresia with TE fistula	Cough, choking	16 m (cleft previously diagnosed but unrepaired)	Aspiration of thin and semi-thick consistency	1 day	4 m	4 m	II
4	Developmental delay, seizures	Cough, choking	5 m	No aspiration	9 m	9 m	0 m (diagnosed at time of first bronchoscopy)	I
5	8p microdeletion involving a ubiquitin gene (FBXO25) of unknown clinical significance, developmental delay, bifid uvula	Noisy breathing, cough, choking with feeds	5 m	Aspiration of semi-thick consistency	6 m	6 m	0 m (diagnosed at time of first bronchoscopy)	I
6	Double inlet left ventricle, D-transposition of the great arteries	Wheezing, stridor	6 m	No aspiration	6 m	17 m	11 m	I
7	Sotos syndrome, seizures	Noisy breathing, stridor	5 m	Aspiration of thin consistency	15 m	15 m	0 m (diagnosed at time of first bronchoscopy)	I
8	Transient tachypnea of newborn, indirect hyperbilirubinemia	Choking, sputtering, poor feeding, lethargy	24 d	Contrast extending from the esophagus to airway consistent with direct communication	n/a	27 days	n/a	II
9	Cleft lip/palate, hypertelorism, diaphragmatic hernia, hypospadias, PFO, PDA	Soft, hoarse cry, feeding difficulty	18 d	Aspiration of thin and semi-thick consistency	n/a	23 days	n/a	II
10	Transient tachypnea of newborn, PFO, PDA, hypospadias	Noisy breathing, stridor, choking, cough	13 d	Aspiration of thin and semi-thick consistency	17 d	17 d	0 m (diagnosed at time of first bronchoscopy)	II
11	Respiratory distress syndrome, necrotizing enterocolitis, osteopenia of prematurity, thrombocytopenia	Choking	4 m	Aspiration of thin and semi-thick consistency	n/a	4 m	n/a	I