

**Online supplement 2:** Comparison between patients who did and did not participate in the MUSIC study

	<b>Patients participating=48</b>	<b>Patients not participating=35</b>	
<b>Age (years)</b>	14.4 (11.7-19.4)	19.1 (14.3-24.0)	*0.01
<b>Gender (% female)</b>	52.1	42.9	0.41
<b>Type of stenosis (%)</b>			0.12
Acquired	93.8	82.9	
Congenital	6.3	17.1	
<b>CM grade of stenosis (%)</b>			0.08
Grade I	8.3	-	
Grade II	31.3	20.6	
Grade III	56.3	79.4	
Grade IV	4.2	-	
<b>Location of stenosis (%)</b>			0.10
Posterior glottis	22.9	17.1	
Subglottis	35.4	57.1	
Posterior glottis and subglottis	41.7	22.9	
<b>Tracheal cannula before repair (%)</b>	79.2	74.3	0.60
<b>Type of repair (%)</b>			0.95
SS-LTP	87.5	85.7	
DS-LTP	4.2	5.7	
CTR	8.3	8.6	
<b>Bronchopulmonary dysplasia (%)</b>	18.8	22.9	0.65

**Online supplement 2:** Comparison between patients who did and did not participate in the MUSIC study. CM; Cotton Myer, CTR; cricoid resection, ds-LTR; double stage laryngotracheal stenosis, ss-LTR; single stage laryngotracheal reconstruction. Data are presented as median (interquartile range) or percentage. \*=p<0.05