Table (1):   Indications and clinical presentations according to the age groups

Item	<1 month (N=4)	1month – 1year (N=7)	>1year (N=19)	Chi square test	
	N , %	N , %	N , %	X^2	p-value
Indications of intubation					
Status epileptics	0 (0%)	2 (28.6%)	5 (26.3%)	1.419	0.491
Apnea	2 (50%)	1 (14.3%)	4 (21%)	1.965	0.374
Cyanosis	1 (25%)	4 (57.1%)	1 (5.3%)	8.677	0.013*
Failed CPAP	0 (0%)	0 (0%)	4 (21%)	2.672	0.262
FB aspiration	0 (0%)	0 (0%)	1 (5.3%)	0.598	0.741
GCS<7	1 (25%)	0 (0%)	4 (21%)	1.863	0.393
Clinical presentations					
Asymptomatic	2 (50%)	1 (14.3%)	5 (26.3%)	1.663	0.435
Regurgitation	1 (25%)	0 (0%)	0 (0%)	6.724	0.034*
Hoarsiness of voice	0 (0%)	1 (14.3%)	2 (10.5%)	0.593	0.743
Dysphagia	1 (25%)	1 (14.3%)	3 (15.8%)	0.239	0.887
Stridor	0 (0%)	2 (28.5%)	7 (36.8%)	2.145	0.342
Irritative cough	0 (0%)	2 (28.5%)	2 (10.5%)	2.151	0.341

*significant (p-value <0.05)

Table (2): Fiber optic laryngoscopic findings of the studied infants and children

Findings	Studied infants and children (N=30)	
	Number	%
Normal	11	36.7 %
Vocal cord nodule	1	3.3 %
Subglottic stenosis	12	40 %
Subglottic edema	1	3.3 %
Accumulation of saliva	1	3.3 %
Arytenoid dislocation	1	3.3 %
Severe degree Laryngomalacia	3	10 %

Table (3): The relation between clinical presentations and fiberoptic laryngoscopic findings

Finding / Symptoms	Normal N=11	Vocal cord nodule N=1	laryngeomalcia N=3	Subglottic stenosis N=12	Subglottic edema N=1	Accumulation of saliva N=1	Arytenoid dislocation N=1
Asymptomatic	8 (72.7%)	-------	-------	----	-------	-------	-------
Regurgitation	-------	-------	--------	-------	-------	1 (100%)	------
Horsiness of voice	-------	------	1 (33.3 %)	1 (8.3%)	-------	-------	------
Dysphagia	3 (27.2%)	------	1 (33.3 %)	-------	------	--------	1 (100%)
Stridor	-------	------	1 (33.3 %)	9 (75%)	-------	------	-------
Irritative cough	-------	1 (100%)	-------	2 (16.7%)	1 (100%)	-------	-------

Table (4): Correlation between the duration of intubation, reintubation attempts and the number of complicated cases

Item	Number of complicated cases	
	r	P-value
Duration of intubation (days)	0.573	0.004*
Numbers of intubation attempts	0.394	0.0354*

*significant (p-value<0.05)