



Figure S1 Glottis granuloma.

Table S1 Risk factors of laryngeal injury

Factors	P value
Gender	0.396
Age	0.244
Weight	0.364
Height	0.692
BMI	0.462
Smoking history	0.365
APACHE II	0.478
Admission specialty	0.657
Site of intubation	0.331
Height tube ratio	0.501
Use of muscle relaxant	0.831
Cormack Lehane score	0.234
Number of intubation attempts	0.327
Duration of intubation	0.99
Steroid use	0.065
NGT use	0.954
PPI use	0.290
Mean cuff pressure	0.571
Tube size	0.387

Statistical test used: one way ANOVA. BMI, body mass index; NGT, nasogastric tube; PPI, proton pump inhibitor.

Table S2 Correlation analysis of the voice assessments and laryngeal findings

		First assessment		Second assessment	
		P value	Regression co-efficient	P value	Regression co-efficient
Logistic regression					
S/Z >1.4 S/Z <1.4	FLIS =0, FLIS >1	0.167	0.195	0.354	0.156
Linear regression					
CAPE-V	FLIS =0, FLIS >1	0.945	0.428	0.416	4.039
GRBAS	FLIS =0, FLIS >1	0.232	-0.294	0.27	0.25
S/Z	PELLS	0.769	-0.025	0.619	0.019
S/Z	FLIS total score	0.013	0.076	0.364	0.014
CAPE-V overall severity	PELLS	0.335	1.894	0.09	3.031
CAPE-V overall severity	FLIS total score	0.136	1.162	0.211	0.942
GRBAS grade	PELLS	0.629	-0.038	0.067	0.150
GRBAS grade	FLIS total score	0.868	-0.005	0.118	0.053

FLIS, Flinders Laryngeal Injury Score; CAPE-V, Consensus Auditory Perceptual Evaluation-Voice; PELLs, Post-Extubation Laryngeal Lesions Scale.