

Supplementary Table 2. Prevalence of Laryngeal Injury by Average Intubation Duration and Reported Symptoms.

STUDY REFERENCE NUMBER	Raw Study Data by Average Duration of Intubation											Summary Data by Average Duration of Intubation											
	<5 days				5 - 10 days				>10 days			<5 days			5 - 10 days			>10 days					
	30	37	50	55-1	16	28	41	46	55-2	52	55-3	Count	n	Prevalence	Count	n	Prevalence	Count	n	Prevalence			
N	209	51	32	50	61	19	51	136	100	16	50	N = 342				N = 367				N = 66			
GRADE 0																							
No injury present																							
no injury	42	10			0	3	3	36		0		52	260	20%	42	267	16%	0	16	0%			
GRADE I																							
Self-limited, soft tissue (e.g., edema, erythema, hyperplasia, ecchymosis)																							
arytenoid edema		12	21		58		48					33	83	40%	106	112	95%						
edema	135		29		40		39	74				164	241	68%	153	248	62%						
erythema		25	22		54		43					47	83	57%	97	112	87%						
interarytenoid edema					58		48								106	112	95%						
interarytenoid erythema					59		49								108	112	96%						
post-cricoid edema			21									21	32	66%									
TOTALS												265	439	60%	570	696	82%	-	-	-			
GRADE II																							
Hematoma, ulceration, fibrin without glottis narrowing, mass lesion, granulation																							
granuloma/granulation		4			32	8	27	15				4	51	8%	82	267	31%						
ulceration	65		1			7		45		16		66	241	27%	52	155	34%	16	16	100%			
vocal process(es) ulceration					21		19								40	112	36%						
TOTALS												70	292	24%	174	534	33%	16	16	100%			
GRADE III																							
Stenosis, stenosis with glottis narrowing, hypomobility/immobility of the vocal folds and/or arytenoids complex																							
arytenoid(s) dislocation	4											4	209	2%									
glottic stenosis				0					4	7		0	50	0%	4	100	4%	7	50	14%			
paralysis	31		4		24	1	19	26				35	241	15%	70	267	26%						
subglottic mucosa edema						1									1	19	5%						
subglottic stenosis					8		7								15	112	13%						
TOTALS												39	500	8%	90	498	18%	7	50	14%			
Symptoms																							
dysphagia	117		3		3	34						120	241	50%	37	70	53%						
dysphonia	157		28									185	241	77%									
stridor					1		10								11	155	7%						
laryngeal dyspnea	48				12							48	209	23%	12	19	63%						
pain	170		14									184	241	76%									
TOTALS												537	932	58%	60	244	25%	-	-	-			