Table 3 Logistic regression analysis of the effect of underlying problem and tracheal intubation on the risk of nosocomial pneumonia

Variables	Beta coefficient	SE	P-value	OR	95% CI for OR
Underlying problem					
Neurosurgery	1.06	0.38	0.002	2.88	1.38–6.03
Laparotomy	-0.36	0.6	0.005	0.70	0.22–2.25
Other	-	-	0.548	-	
Tracheal intubation	2.04	0.44	< 0.001	7.70	3.24–18.27
Constant	-2.79	0.51	< 0.001	-	-

SE = standard error; OR = odds ratio; CI = confidence interval.