

Table 3 Risk factors for nosocomial pneumonia from the multivariate analysis

Risk factor	Adjusted OR	95% CI
<i>Duration of stay in hospitals (weeks)</i>		
< 1 ^a	1.0	
1–3	1.06	0.68–2.14
> 3	2.18	1.24–3.29*
<i>Unit of admission</i>		
Medical ^a	1.0	
Surgical	1.91	0.96–4.01
Intensive care unit	2.73	1.68–4.01*
Burns	3.05	1.74–4.13*
Others	1.16	0.71–1.52
<i>Nasogastric tube</i>		
No ^a	1.0	
Yes	2.18	1.22–5.14*
<i>Endotracheal tube</i>		
No ^a	1.0	
Yes	3.01	1.87–6.21*
<i>Mechanical ventilation</i>		
No ^a	1.0	
Yes	6.27	2.22–9.52*
<i>Underlying debilitating disease^b</i>		
No ^a	1.0	
Yes	3.11	1.29–8.18*
<i>Coma</i>		
No ^a	1.0	
Yes	3.99	2.87–17.03*
<i>Chronic obstructive pulmonary disease</i>		
No ^a	1.0	
Yes	2.96	1.98–14.13*

*P < 0.05.

^aReference category.

^bCancer, liver failure, uraemia.

OR = odds ratio; CI = confidence interval.

Age and history of prolonged inappropriate use of antibiotics were removed from the final model.