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Cost-effectiveness analysis of several dosage regimens of vancomycin in ventilator-associated pneumonia critically ill patients

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SUPPLEMENTARY MATERIAL

Supplementary Table 1. Proportion of MRSA at each MIC value

MIC (mg/L)	Percentage (%)
0.5	0.24
1.0	60.35
2.0	39.11
4.0	0.3

Supplementary Table 2. Supporting material to administer the vancomycin.

Resources used	Unit	General Hospital	Small Hospital
Set of infusion	per day	50	
Syringe	per time	30	

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Infusion Pump	per day	248,6767697	237,4197966
Water for injection	per ampul (10mL)	4,026545166	
Fluid for infusion	per 100mL	16,10618067	
ADR monitoring:	per blood drawn	68,56519988	65,4951163
Creatinine			
TDM Vancomycin	per concentration	225,1394623	
	monitoring		
ICU stay: nurse cost	per day	967,0763267	
Hospital stay: nurse cost	per day	414,4612829	
MV used	per day	1358,958994	1295,540907
Physician cost	per visit	289,6112174	276,3075219

Notes, ADR, adverse drug reaction; TDM, therapeutic drug monitoring; MV, mechanical ventilation.

Supplementary Table 3. Duration of using drug, supporting material, and hospital length of stay

Item	Duration of Using (days)	Ref
Drug	11	37, 39, 41
Creatinine Monitoring	3	40
TDM	4	38
ICU - Nurse Cost	16	41
IPD - Nurse Cost	4	41
MV	15	37
Physician Cost	20	41

Notes, ADR, adverse drug reaction; TDM, therapeutic drug monitoring; MV, mechanical ventilation.