

Appendix Table 5. Study 2, adjusted outcomes models for vancomycin-resistant enterococcus (VRE) wound infection compared to uninfected control patients^a

Variable	Deaths ^b	Variable	Length of Stay ^c	Variable	Cost ^d
	OR (95% CI)		OR ^e (95% CI)		OR ^e (95% CI)
VRE infection	2.0 (0.8 to 5.2)	VRE infection	1.8 (1.3 to 2.4)	VRE infection	1.5 (1.3, 1.8)
		Transfer from another hospital	1.5 (1.2 to 1.9)	Surgery ^e	1.4 (1.1, 1.8)
		Renal disease	2.0 (1.5 to 2.7)		
		Malignancy	0.7 (0.5 to 0.9)		
		Intensive care unit stay ^f	2.3 (1.6 to 3.3)		

^aOR, odds ratio; CI, confidence interval.

^bModel includes the following confounding variables: intensive care unit (ICU) stay and number of coexisting conditions.

^cModel includes the following confounding variable: propensity score (i.e., likelihood of being a VRE case).

^dModel includes the following confounding variables: propensity score [i.e., likelihood of being a VRE case (Appendix)] and length of stay before infection (index date for controls).

^eFor length of hospital stay and cost, OR represents multiplicative effect.

^fBefore infection for cases and before index date for controls.

Appendix Table 6. Study 2, adjusted outcomes models for vancomycin-resistant enterococcus (VRE) wound infection compared to control patients with wound infection due to vancomycin-susceptible enterococcus (VSE)^a

Variable	Deaths ^b	Variable	Length of Stay ^c	Variable	Cost ^d
	Odds Ratio (OR) (95% Confidence Interval [CI])		OR ^e (95% CI)		OR ^e (95% CI)
VRE	2.5 (1.1, 6.1)	VRE	1.1 (0.9, 1.4)	VRE	1.4 (1.2, 1.6)
Intensive care unit stay (ICU) ^f	9.0 (3.0, 27.4)	ICU stay ^f	1.8 (1.3, 2.5)	Surgery ^f	1.2 (1.1, 1.3)

^aOR, odds ratio; CI, confidence interval; ICU, intensive care unit.

^bModel includes the following confounding variables: gender and surgery before infection.

^cModel includes the following confounding variable: malignancy and length of stay before infection.

^dModel includes the following confounding variables: length of stay before cohort inclusion.

^eFor length of hospital stay and cost, OR represents multiplicative effect.

^fBefore infection for cases and before index date for controls.