Supplemental Digital Content 5. Multivariate logistic regression model of factors associated with use of antibiotics with a broad spectrum of Gram-negative activity.

- **Cutaneous abscess**: Odds Ratio 0.36, 95% CI (0.11, 1.12)
- **Head or neck involvement**: Odds Ratio 7.04, 95% CI (2.36, 21.0)
- **Prior skin infection**: Odds Ratio 0.35, 95% CI (0.04, 2.99)