Activity of Daptomycin, Vancomycin and Linezolid against 6,951 Gram-positive Pathogens Isolated from Canadian Hospitals: CANWARD 2007-2009

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S. aureus healthcare-acquired continue to increase in North America 1-3. These strains are usually resistant to all β-lactam antibiotics and to several other antimicrobial agents. We compared the activity of DAP, vancomycin (VAN) and linezolid (LZD) against S. aureus (SA) and other Gram-positive pathogens, including both susceptible and multidrug-resistant strains, in vitro. Daptomycin demonstrates excellent activity against common Gram-positive pathogens isolated from Canadian hospitals. The authors would like to thank the investigators and laboratory staff at each medical centre. This study was supported in part by Sciecor. The authors would like to thank the investigators and laboratory staff at each medical centre. This study was supported in part by Sciecor. The authors would like to thank the investigators and laboratory staff at each medical centre. This study was supported in part by Sciecor. The authors would like to thank the investigators and laboratory staff at each medical centre. This study was supported in part by Sciecor.

ABSTRACT

Bacterial Isolates:

Community-associated MRSA (MRSA) was isolated from patients attending hospital clinics, emergency rooms, medical and surgical wards, and intensive care units. The sites were geographically distributed in a population-based sample of hospitals.

DAP was more active than VAN and LZD against select pathogens in Canadian hospitals. Daptomycin demonstrates excellent activity against common Gram-positive pathogens isolated from Canadian hospitals.

REFERENCES


BACKGROUND

METHODS

MATERIALS & METHODS

RESULTS

CONCLUSIONS

ACKNOWLEDGMENTS

Table 1. Organism.

Table 2. Tested antibiotics against a range of Tested antibiotics against a range of Tested antibiotics against a range of Organisms.

Table 3. Tested antibiotics against a range of Tested antibiotics against a range of Tested antibiotics against a range of Organisms.

Table 4. MIC distribution of Tested antibiotics against a range of Tested antibiotics against a range of Tested antibiotics against a range of Organisms.

CAAC Interscience Conference on Antimicrobial Agents and Chemotherapy, Boston MA, September 12-15, 2010