Recurrence of Positive Cultures for Carbenapenem-resistant Enterobacteriaceae (CRE) in Atlanta

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Methods

- Georgia Emerging Infections Program (EIP) conducts surveillance for incident CRE cases in the 8-county Atlanta metropolitan area.
- Patients were considered for CRE surveillance in the urine or at a sterile site for an individual at least 15 years of age.
- Patients were considered for CRE surveillance if they had a prior incident of CRE.
- Patients were considered for CRE surveillance if they had a prior positive CRE culture.
- Clinical isolates were identified from all sites.
- Patients were considered for CRE surveillance if they had a prior positive CRE culture.

Results

Comparison of Demographic Information and Risk Factor Prevalence in Patients With and Without CRE Recurrence

Univariable and Multivariable Logistic Regression Analysis of Risk Factors For CRE Recurrence

Discussion

- The study provides insights into the factors associated with CRE recurrence in Atlanta, which can help guide targeted interventions to reduce CRE transmission.
- The study highlights the importance of timely and effective antibiotic stewardship measures to prevent CRE recurrence.
- The study underscores the role of public health surveillance in monitoring CRE trends and guiding public health interventions.

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References