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## **Risk factors for multidrug-resistant bacteremia in hospitalized cancer patients with febrile neutropenia: a cohort study.**

Rosa RG<sup>1</sup>, Goldani LZ<sup>1</sup>, dos Santos RP<sup>2</sup>.

### **Author information**

<sup>1</sup>Infectious Diseases Division and Infection Control Committee, Hospital de Clínicas, Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil.

<sup>2</sup>Infectious Diseases Division and Infection Control Committee, Hospital de Clínicas, Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil. Electronic address: rpsantos@hcpa.ufrgs.br.

### **Abstract**

We conducted a prospective cohort study in a single tertiary hospital with the aim of assessing predictors of multidrug-resistant bacteremia in 307 cases of febrile neutropenia in adult patients with cancer. On multivariate analysis using stepwise logistic regression, age ( $P = .009$ ), duration of neutropenia ( $P = .022$ ), and presence of an indwelling central venous catheter ( $P = .022$ ) were associated with bloodstream infection by multidrug-resistant bacteria.

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**KEYWORDS:** Bacterial; Drug resistance; Fever; Immunocompromised host

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