EPIDEMIOLOGY AND OUTCOME OF MONOMICROBIAL ACINETOMACTER BAUMANNII BACTEREMIA: EMPHASISON ON THE INFLUENCE OF ANTIMICROBIAL THERAPY

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BACKGROUND/AIMS: To evaluate the trend in the incidence of *Acinetobacter baumannii* bacteremia, underlying conditions of patients, mortality rate and factors associated with poor outcome.

METHODS: Medical charts of 344 consecutive episodes of *A. baumannii* bacteremia detected between January 1, 2000, and December 31, 2004, were prospectively evaluated. Associated risk factors, treatment and outcomes were recorded.

<u>DISCUSSION/CONCLUSIONS:</u> The rate of *A. baumannii* bacteremia is increasing slightly at our hospital. The presence of severe underlying disease, shock, pneumonia, multidrug resistant and especially severe sepsis are associated with a poor outcome. The administration of an appropriate antimicrobial therapy is essential for a good outcome. Treatment with one active antimicrobial agent seems to be sufficient.

Keyword: Acinetobacter baumannii bacteremia, antimicrobial therapy, outcome