

# RESISTANCE AND SENSIBILITY OF STRAINS OF THE *STAPHYLOCOCCUS AUREUS* THE ANTIBIOTIC $\beta$ -LACTAMS STRANDED OF UNITY HOSPITAL . SYSTEMATIC BIBLIOGRAPHIC REVISION OF THE LASTS TEN YEARS.



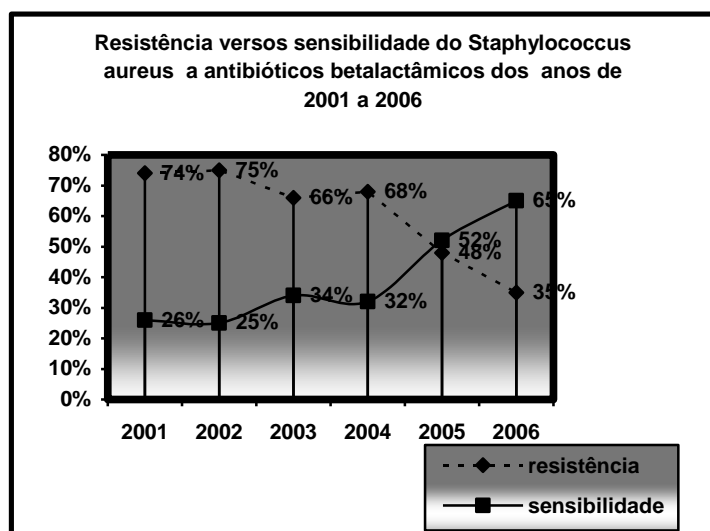
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The elevated level of resistance of strains of the *Staphylococcus aureus* the antibiotic  $\beta$ -lactams come presenting a serious problem in ambit world-wide. Being that its resistance if give by production of  $\beta$ -lactamase, mediated for plasmids of resistance, altering thus, the site of action of antibiotic by break of the ring  $\beta$ -lactams, causing diminution of the concentration into cell of the drug. With objective of analyze the resistance and sensibility of *Staphylococcus aureus* the antibiotic  $\beta$ -lactams description in the lasts ten years, went fulfilled a description analytic study of systematic bibliographic revision with met analyze; by means of research, the base of die of articles of the scientific literature, being selected six articles with results important, where went verified taxes of resistance and sensibility respective: 74%/26% in 2001; 75%/25% in 2002; 66%/34% in 2003; 68%/32% in 2004; 48%/52% in 2005; 35%/65% in 2006. The prevalence mean of resistance and sensibility analyzed in the years of 2001 the 2006 went of 61% of resistance and 39% of sensibility. Based in the finding, is conclusive how the *S. aureus* is less resistance and more sensible the antibiotics  $\beta$ -lactams. The cause even this fact isn't descript, but some authors affirm that this happens through improvement of the practices of use of the antibiotic therapy.

Keywords: *Staphylococcus aureus*, antibiotics  $\beta$ -lactams, resistance, sensibility.



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