

ABSTRACT

PATTERN SENSITIVITY OF *Staphylococcus aureus* TO ANTIBIOTIC PENISILIN PERIOD OF YEAR 2008-2013 IN BANDAR LAMPUNG

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Infection disease is still become issue in indonesia, at hospital as well as at society. Antibiotics as a drug to combat infectious diseases, their use must be rational, appropriate and safe. Increase of resistance bacteria to antibiotic has been report excessively, example *Staphylococcus aures* to antibiotic penicilin. This matter make infection disease difficult to finish plus there some bacteria that have been resistance more than one drug (multi drug resistance). Antibiotic susceptibility patterns will affect the use of antibiotics by medic.

The purpose of this study was to determine bacterial resistance patterns of *Staphylococcus aures* to few antibiotik penicilin that is ampicilin and amoxicilin period 2008-2012 in Lampung Regional Health Laboratory in Bandar Lampung. This study use method descriptif cross sectional.

The study shows the prevalence of *Staphylococcus aures* is 233 isolate (9,43%). The pattern of resistance *Staphylococcus aures* to penicilin inclined to increase year by year. In antibiotic ampicilin the most increase is 2011 about 46 isolate (90,2%), while in antibiotic amoxicilin look decrease in 2010 about 18 isolate but overall inclined increase year by year.

Key word : Penicilin, Resistance, *Staphylococcus aures*.