

**A / 10 MED LAB TD**

**TRADE PROJECT**

**PREVALENCE AND ANTIBIOTICS SENSIVITY PATTERN OF *Staphylococcus***

***aureus* IN PATIENTS ATTENDING AT MBAGATHI HOSPITAL**

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SCIENCE.**

## ABSTRACT

Five hundred (500) pus, urine, high vaginal swab and urethral swab were collected in a duration of four months from April to July 2006, from patients aged 0-80 yrs and analysis for *S. aureus* done.

This took place at Mbagathi District Hospital out of 500 samples which were analyzed, only 155 samples were positive while 345 samples were negative. This has shown that 31% of the samples were positive and 69% were negative. In pus specimen, all staphylococcal strain were sensitive to Gentamycin, Floxapen again as well as Tazo/pipril, Ceftazidine and Norfloxacin. The antibiotic sensitivity results for *S. aureus* isolated from specimens of both high vaginal swab and urethral swab provided almost similar picture. They were all sensitive to Fortum, floapen, Tazo /pipril and Ceftazidine. These from high vaginal swab were also shown to be all sensitive to Gentamycin.