

COPARISON OF THE EFFECT OF *CALVATIA CRANIFORMIS* MUSHROOM EXTRACT WITH SOME COMMON ANTIBIOTICS USED IN TREATMENT OF BACTERIAL ENDOMETRITIS IN WOMEN OF BAQUBACITY AND IT'S PERIPHERIES.

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ABSTRACT

Sixty samples of vaginal secretions were be collected from women attending the health care centers in Baquba city center and it's peripheries for the time period January 2010 to May 2011. Culturing of bacterial samples revealed six isolates for *Staphylococcus aureus* and twenty four isolates for *Escherichia coli* and three isolates for *Lactobacillus* Spp.

The effect of the following concentrations (10,15) % Which were prepared from the *Calvatia craniformis* mushroom were active against the *S. aureus* while the concentrations (5,10)% were inactive against the *E. coli* , but the concentration 15% was be active against *E. coli* .The three concentrations showed non significant effect on killing the *Lactobacillus*.

The statistical analysis revealed significant differance at ($p < 0.05$) between the effect of 15% concentration on the *S.aureus* and *E.coli* , so the diameter of inhibition zone was (1.3,1.5) Cm respectively when it is compared with the antibiotics such as ciprofloxacin and trimethoprim , but no significant correlation revealed with effective drugs on *Lactobacillus* .

Key word: *Calvatia craniformis* ; *Staph. aureus* ; *E. coli* ; *Lactobacillus*.