

A COMPARATIVE STUDY OF THE MICROORGANISMS
FOUND IN THE VAGINAL FLORA OF PILL
AND NON PILL USER
BY PAP SMEAR

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ABSTRACT

This study was conducted to identify and classify the organisms that are present in pill user and non pill users. It will determine if taking of pills cause changes in the microflora of pill (combined) user and will describe the profile of both pill and non pill user.

The study use 200 prepared smears of the vagina divided equally to both pill and non pill users. The slides were collected at Dr. Ricardo Y. Ladrido Memorial Hospital, Lambunao, Iloilo by the family planning physician with the help of the medical technologist. The profile of the patients were also gathered to provide more information about the subjects. The organisms were identified according to their basic morphological characteristic.

The results indicate that bacilli which is the normal inhabitant of the vagina is present in 200 samples. Cocci is present in both groups but occure more in women who are pill users. In the parasite group, Trichomonas vaginalis is present in women who are pill user and Candida is present in both groups but occur more in women who are pill users. The test for the estimation of the difference between two proportions reveal that the z values obtained from the experiment falls between the critical region which has a value of 2.58. Such value indicate that the prevalence of parasites and bacteria are equal among pill and non pill user.