Indian Journal of Basic and Applied Medical Research; March 2016: Vol.-5, Issue- 2, P. 601-605

**Original article**

**Prevalence of Candidiasis, Trichomoniasis and Bacterial Vaginosis in Females Attending Out Patient Gynecology Services in a Tertiary Care Hospital**

**Badhuli Samal, Reena Wani, Nishat Khan, Jayanthi Shastri, Isha Ranwadkar**

Department of Microbiology, T.N.M.C. & B.Y.L.Nair Hospital, Mumbai- 400008.

Name of corresponding author: Dr. Badhuli Samal

**Abstract**:

Candidiasis, Bacterial Vaginosis & Trichomoniasis are common sexually transmitted infections. Furthermore, these infections may amplify HIV transmission. For Trichomoniasis & Bacterial vaginosis, microscopic diagnosis is a challenge as expertise is required for accurate interpretation. Broth Culture for Trichomonas, which is gold standard, requires 2-7 days. Culture for Gardnerella is time consuming. Culture for Candida takes 2-7 days. During this period, patient may continue to transmit these infections. Hence a rapid diagnostic method is an absolute need of the hour. Hence this study was conducted to evaluate a rapid diagnostic DNA probe test from BD AFFIRM against the standard available tests.

**Key words**- Candidiasis, Vaginosis, Trichomoniasis