

“Genital tuberculosis: is a key player for ectopic pregnancy in India: A cross-sectional observational study.”

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Abstract

Background: Tuberculosis remains a major health problem in developing countries and genital tuberculosis is responsible for affecting a considerable number of women who presented in different manners as chronic pelvic pain, pelvic inflammatory infection, infertility and ectopic pregnancy. The average world-wide incidence of female genital tuberculosis in infertile population has been reported as 5-10%, with the range varying between <1% in USA and about 10% in India. Objective: Present study is an attempt to find out the prevalence and relationship of Genital tuberculosis (GTB) and ectopic pregnancy. Design: It was a cross sectional case control study. Setting and population: The study was conducted in department of Obstetrics and Gynecology in association with Department of Microbiology, VMMC & Safdarjung Hospital, and New Delhi including: * Case: Women (n=95) presenting with ectopic pregnancy. * Control group: Women (n=95) subjected to tubal ligation. Methods: After thorough history and examination, tubal sample is collected from case and control group. Main outcome measures: Prevalence of ectopic pregnancy with genital tuberculosis Results: The prevalence of the genital tuberculosis in general population was 1.1% and with ectopic pregnancy was 16.8%, that was quite significant so genital tuberculosis should be kept in mind and punctiliously anticipated in cases of ectopic pregnancy to prevent the counterattacks of genital tuberculosis. Conclusion: It is inferred that the prevalence of ectopic pregnancy is higher among the women who had genital tuberculosis and Funding : No funding received from any agency. Key Words: genital tuberculosis, ectopic pregnancy, infertility, maternal morbidity

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