AIMS AND OBJECTIVES

We aimed to evaluate the utility and to compare the results of the different PCR assays with direct AFB smear examination and culture to detect genital TB in infertility patients attending SMS and attached group of hospitals in Jaipur. The objectives of the study were:

1. To study occurrence of genital TB in female infertility patients by AFB smear microscopy, LJ culture, MB7H9 broth culture and three PCR assays in endometrial biopsies obtained from suspected cases.

2. Compare efficiency of three PCR assays based on different primer sets: *IS6110*, *MPB64* and *ESAT-6*, and for detection of *M. tuberculosis* in endometrial biopsies.