

EVALUATION OF CONTRACEPTIVE PROPERTIES OF NEEM OIL - A PROSPECTIVE STUDY

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Indigenous methods of contraception have been used in India from immemorial time through age-old Ayurvedic system of medicine. The present study has attempted to explore the contraceptive effect of Neem seed oil as local application for reproductive female as family planning method apart from the conventional measures. In this study, total 246 women in the fertile age group were selected, among them only 4 women dropped out and remaining were followed up for a period of 12 - 36 cycles. No such serious adverse reaction and event were noticed during the study period. Nine cases had conceived due to drug failure and four cases had conceived due to drug omission. The general observation indicates that Neem seed oil may be used as an external barrier as cost-effective herbal contraceptive for its spermicidal property and safe for regular use. Moreover, it was also observed that trial subjects had very less incidences of leucorrhoea, urinary tract infections and other common sexual transmitted diseases during the treatment period.

Keywords: Contraception, Neem oil, Ayurveda
