

ABSTRACT

Pregnancy is a special period in a woman's life. Early pregnancy is a critical period that there are problems of pregnancy such as miscarriage. Miscarriage, also known as spontaneous abortion and pregnancy loss, is the loss of fetus before 20th week of pregnancy or fetal weight less than 500 g. Complications of miscarriage is the fifth leading cause of maternal death. According to RISKESDAS 2010, 4.0% prevalence of abortion is more common in young reproductive age. Based on data from community health center in Wangkal, Probolinggo, during 2015 there are 21 cases of miscarriage/abortion. The causes of abortion vary widely and usually caused by more than one cause. Factors that cause abortion are genetics, congenital uterine abnormalities, autoimmune, luteal phase defects, infections, hematologic, environments, as well as sexual intercourse increases the risk of miscarriage due to uterine contractions.

This case-control study included 62 respondents that divided into two groups. Group of cases was 31 women who had miscarriage in 2014-2016. The control group was 31 women with gestational age less than 20 weeks. The research instrument was questionnaires which analyzed using R x C Contingency. The risk of abortion interpreted by Odds Ratio (OR) with Confidence Interval (CI) of 95%. The independent variable in this study is the level of knowledge of women about sexual intercourse during pregnancy. The dependent variable in this study was the incidence of abortion.

Results of the analysis of data obtained OR = 12 which means that the knowledge about sexual intercourse during pregnancy is a risk factor of abortion. Women with low level of knowledge has 12 times greater risk for experiencing abortion than women with high level of knowledge. Results of statistical analysis test, R x C Contingency, indicates the value of Contingency Coefficient = 0,023 < α (0,05) which means that H_0 rejected and H_1 accepted.

There is a relationship between the knowledge of the sexual intercourse during pregnancy with the incidence of abortion in the working area in the community health center at Wangkal Probolinggo.

Key word: *Knowledge, sexual intercourse, pregnancy, uterine contractions, miscarriage, abortion, coitus.*