Title: The study of prevalence, complications and related causes of Induced Abortion in Sanandaj, 2015

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Abstract

Introduction: Abortion is voiding of pregnancy tissues that are happened before 20th to 22nd week of gestational age. It has 10 percent rate of incidence among all pregnancies. Induced and spontaneous are 2 kinds of abortions. This study was performed to determine the prevalence of abortion and their complications in Sanandaj city in 2015 because there was no valid information about abortion prevalence, intentional abortion, and short or long time complications of abortion.

Material and method: This study was cross-sectional and conducted on 3500 eligible women who experience at least one pregnancy. They were determined by randomized stratified sampling.

Data that was gathered by interview, was registered in a questionnaire, and used EPI-INFO software and analyzed by a statistical method like T-test, X2 and analysis variance.

Results: The results of this study revealed that prevalence rate of all type of abortion is 15.7 per 100 pregnancies and prevalence rate of induced abortion is 27.6 per pregnancies. Self-proceed is the most common causes of abortion (52.7%). Age is a risk factor for induced abortion and there is a meaningful relationship between literacy or education and the numbers of abortion ($p<0.000$). Education is a cause to decrease the numbers of abortion but abortion complications are not related to the numbers of abortion, and there is no relationship between abortion inducers and abortion complications. This study was showed that bleeding is the most common complication of abortion.

Conclusions: Absolutely, illegal abortions are carried out in IRAN like all of the most countries in throughout the world. The maternal mortality due to abortion is one of the risky health problems, so induced abortion is the cause of maternal mortality, infertility, infection and the others, and unfortunately, illegal induced abortion is a truth. Therefore accurate family planning program and reproductive health would be a rule to prevent the complications of abortion.