



The relationship between polycystic ovarian syndrome (PCOS) and gestational disorders: A review of studies

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Introduction

As we know, polycystic ovarian syndrome (PCOS) is a common hormone disorder in women of fertility age. This syndrome causes menstrual disorders, hirsutism, obesity and sometimes infertility and abortion.

With respect to PCOS incidence and shortage of information about pregnancy consequences in mothers with PCOS medical history, the recent case study tries to investigate pregnancy results in females with this case history.

Materials and Methods:

PubMed, Science Direct, Sid, Iranmedex, Medlib and Google scholar were searched for studies published between 2003 and 2016. "Outcome", "disorders", "pregnancy", "fetal", " " in combination with "Polycystic Ovary Syndrome" were used as search terms. Clinical trials with high quality and review articles were collected.

Findings

There are a good number of retrospective and prospective studies, considering PCOS as a potential danger contributing in raising the rate of gestational disorders.

Some consequences of the first three months of gestational period in women suffering from PCOS are including abortion and congenital abnormality of fetus. Meanwhile, other complications occurring at the second and third trimester phases of pregnancy period like glucose tolerance test irregularity, gestational diabetes, blood pressure and preeclampsia have also been reported in women suffering from PCOS.

Results

Regarding PCOS, various disorders have been observed in different examinations. According to these researches, such complications as premature birth, abortion and gestational diabetes have been reported more frequently in suffering women. To prevent such serious harms, mother and her young should be taken care of more discreetly in maternity hospitals and birthing wards.

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