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## Pregnancy outcomes in women using inhaled fluticasone during pregnancy: a case series.

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### **Abstract**

**BACKGROUND:** The aim of the study was to report the maternal and fetal outcomes of women with respiratory illnesses who were treated with inhaled fluticasone during pregnancy. **MATERIAL AND METHODS:** We identified 12 cases treated with inhaled fluticasone during pregnancy out of women who received obstetric and teratogen-risk evaluation at the Korean Motherisk Program. A detailed medical and obstetric history was obtained and cases were followed-up until either spontaneous or voluntary pregnancy termination or delivery occurred.

**RESULTS:** None of the participants had any obstetric complication. However, in addition to fluticasone, most of the 12 cases were simultaneously exposed to a variety of medications. There were 3 abortions (one spontaneous and 2 requested by the patients arguing personal reasons). Live born babies without any evidence of major congenital malformations included 8 singleton babies and 2 twins. Of them, 3 babies were born prematurely.

**CONCLUSIONS:** Our results are in agreement with previous large studies where no increased rate of adverse outcomes was reported with the use of inhaled corticosteroids during pregnancy.