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# COVID VACCINATION IN PREGNANCY & LACTATION-OUTCOME-SAVE 2 LIVES IN 2 SHOTS

## **ABSTRACT:**

### **Objective:**

This study aims to evaluate the antenatal and perinatal outcome after COVID19 vaccination in pregnancy and lactation.

### **Introduction:**

Pregnant women are at increased risk for severe illness, adverse pregnancy outcomes like miscarriages, preterm birth, etc and death from COVID19 infection. Pregnant and lactating women are eligible for COVID19 vaccination. International bodies have a positive stand on COVID vaccination in pregnancy and lactation. The study at USA on vaccination in pregnancy and lactating women showed a robust immune response in pregnant and lactating women, additionally protective antibodies were also isolated in umbilical cord and, blood and breast milk implying protection to the fetus and new born.

### **Methods:**

Around 300 antenatal and lactating women were surveyed face to face with a Questionnaire containing 25 questions for the evaluation of outcome of COVID vaccine in pregnant and lactating women.

### **Conclusion:**

The above study has shown that there are no severe adverse outcome in antenatal and perinatal period after getting 2 shots of COVID19 vaccine. Data from basic and animal studies have not shown any teratogenicity or adverse fetal or neonatal outcome. The very real benefits of vaccinating pregnant and lactating women seems to far outweigh any theoretical and remote risks of vaccination. COVID19 vaccines at present used in our country are safe at all stages of pregnancy and are highly immunogenic with no severe adverse outcomes.

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