

Abstract

Background: Due to the high risk of disease in pregnant women and the novelty of this epidemic in the world and the lack of similar studies, this study was conducted to determine the neonatal complications in pregnant women with corona virus disease in the COVID19 epidemic in Ardabil province.

Aim: To determine the neonatal complications in pregnant women with corona virus disease in Covid 19 epidemic in Ardabil province.

Methods and material: All neonates with mothers with Covid 19 who gave birth in Alavi Hospital in Ardabil from March 2019 to June 2020 were included in the study. Finally, 21 patients and 21 infants were included in the study. The gestational age of all mothers was over 3 months.

Results: Out of 21 deliveries performed, 13 boys and 8 girls were born. Out of 21 pregnant women in the study, 15 had a cesarean section and there was no maternal mortality. Of the 21 neonates, 5 had respiratory distress and were admitted to the intensive care unit for 1 week. In these 5 neonates, arterial pH was low and neonatal CRP was high (35-16-47-42-37). And the blood culture was negative for them. Also, all neonates were negative for corona 19. None of the newborns had problems with feeding and poor reflexes and other symptoms. All newborns had negative PCR. 19 babies were born over 2500 and 2 of them were under 2500 grams. It should be noted that the age of these two infants was proportional to their weight.

Conclusion: The results showed that corona infection in pregnant women is not associated with growth disorder in children, and the clinical symptoms of pregnant mothers with covid19 are not different from the clinical symptoms of same patients. Therefore, unified intervention can control in pregnant women in pregnant women.

Keywords: Newborn, pregnant mother, clinical and laboratory symptoms, Covid19