

Joint Event

38th International Conference on

Advanced Pediatrics and Neonatology

29th Global Dentists and

Pediatric Dentistry Meeting

8th International Conference & Expo on

Euro Optometry and Vision Science

March 20-21, 2023

Rome, Italy

Gen Med 2023, Volume 11

Maternal and neonatal characteristics related to outcomes of pregnancies complicated with COVID-19 in Kuwait

Majeda Hammoud

Kuwait University, Kuwait

Background: In late December of 2019, a novel coronavirus (SARS-CoV-2) was identified in the Chinese city Wuhan among a cluster of pneumonia patients. While it is known that pregnant women have reduced immunity and they are at risk for COVID-19 infection during this pandemic, but it was not clear if the disease manifestation would be different in pregnant women from non-pregnant women.

Objectives: To describe the maternal and neonatal clinical features as well as outcome of pregnancies complicated with SARS-CoV-2 infection.

Methods: In this retrospective national-based study, we analysed the medical records of all SARS-CoV-19 positive pregnant patients and their neonates who were admitted to the Covid- designated Hospital in Kuwait, between August 1st 2020 and October 31st, 2020. The outcomes of pregnancies were assessed until the end date of follow-up (November 30th 2020).

Results: A total of 185 pregnant women were enrolled with a median age of 31 years (interquartile range, IQR: 27.5-34), and median gestational age at diagnosis was 29 weeks (IQR: 18-34). The majority (88%) of the Mothers had mild symptoms, with fever (58%) being the most common presenting symptoms followed by cough (50.6%). During the study period, 141 (76.2%) patients continued their pregnancy, 3 (1.6%) had a miscarriage, 1 (0.5%) had intrauterine fetal death, and 40 (21.6%) delivered live birth. Only 2 (1.1%) new-borns for these mothers developed severe pneumonia and required intensive care. Most of the neonates were asymptomatic, and only 2 (5%) of them tested positive on day 5 by nasopharyngeal swab testing.

Conclusions: The clinical features of pregnant women with SARS-CoV-2 infection were similar to those of the general population having SARS-CoV-2 infection. Favourable maternal and neonatal outcomes reinforce the existing evidence and may guide healthcare professionals in the management of pregnancies complicated with SARS-CoV-2 infection.