

## Time of Delivery in Women with Coronavirus Disease

Dear Editor,

The Coronavirus Infection (COVID-19) is a pandemic disease which the first case of this infection was found in China, Wuhan, Hubei Province.<sup>[1]</sup> Pneumonia is a very severe complication seen in some special population including elderly people and pregnant women, due to the suppression of immunity system.<sup>[1]</sup>

In the world We have 200 million pregnant women throughout the world that need special attention.<sup>[2]</sup> The results of some assessments such as: amniotic fluid, cord blood, neonatal throat swab, and breast milk samples revealed that evidences of miscarriage and vertical transmission were not observed. It is believed that some effects including premature rupture of membranes, preterm labor, and fetal distress in the third trimester of pregnancy are not common<sup>[3]</sup>

Centers for Disease, Control and Prevention (CDC) recommends that “wearing a mask” is the best approach to control the spreading of COVID-19.<sup>[4]</sup> In pregnant women with suspected or confirmed COVID-19, it is advised that we postpone the time of delivery until the test result is negative. Monitoring of mother and fetus and planning for delivery is the best approach to manage pregnant women with COVID-19. The American College of Obstetricians and Gynecologists (ACOG) recommend that the best place for the delivery is hospital and this is the case on pregnant women with COVID-19.<sup>[5]</sup> Due to the chain of the infection, some mothers fear to go to the hospital. In general, any evidence of vertical transmission from mother to fetus and preterm labor is not observed due to COVID-19.<sup>[4]</sup>

### Financial support and sponsorship

Nil.

### Conflicts of interest

Nothing to declare.

**Mehdi Rezaee<sup>1</sup>, Sakineh Hasanzadeh Mojaveri<sup>2</sup>, Nasim Babae<sup>3</sup>, Shokoh Varaei<sup>4</sup>**

<sup>1</sup>Department of Orthopedic Surgery, Medicine College, Tehran University of Medical Sciences, Tehran, Iran, <sup>2</sup>Master of Nursing, Nursing Manager of Yas Hospital, Tehran University of Medical Sciences, Tehran, Iran, <sup>3</sup>Master of Nursing, Clinical Supervisor of Yas Hospital, Tehran

University of Medical Sciences, Tehran, Iran, <sup>4</sup>Nursing and Midwifery School, Tehran University of Medical Sciences, Tehran, Iran.

**Address for correspondence:** Dr. Shokoh Varaei, Tohid Sq. East Nosrat St. Nursing and Midwifery School, Tehran University of Medical Sciences, District 6, Tehran, Iran. E-mail: shvaraei@tums.ac.ir

### References

1. Yang H, Wang C, Poon LC. Novel coronavirus infection and pregnancy. *Ultrasound Obstet Gynecol* 2020;55:435-7.
2. Schwartz DA, Graham AL. Potential maternal and infant outcomes from (Wuhan) Coronavirus 2019-nCoV infecting pregnant women: Lessons from SARS, MERS, and other human coronavirus infections. *Viruses* 2020;12:194.
3. Liang H, Acharya G. Novel corona virus disease (COVID-19) in pregnancy: What clinical recommendations to follow? *Acta Obstet Gynecol Scand* 2020;99:439-42.
4. Hollier, Lisa M. Coronavirus (COVID-19), pregnancy, and breastfeeding: A message for patients. ACOG (American College of Obstetricians and Gynecologist). 2020. Available from: <https://www.acog.org/patient-resources/faqs/pregnancy/coronavirus-pregnancy-and-breastfeeding>. [Last accessed on 2020 Dec 21].
5. Special Considerations in Pregnancy and Post-Delivery. NIH, COVID-19 Treatment Guidelines. 2020. Available from: <https://www.covid19treatmentguidelines.nih.gov/special-populations/pregnancy-and-post-delivery/>. [Last accessed on 2020 Dec 21].

This is an open access journal, and articles are distributed under the terms of the Creative Commons Attribution-NonCommercial-ShareAlike 4.0 license, which allows others to remix, tweak, and build upon the work non-commercially, as long as appropriate credit is given and the new creations are licensed under the identical terms.

### Access this article online

#### Quick Response Code:



**Website:**  
[www.ijnmrjournal.net](http://www.ijnmrjournal.net)

**DOI:**  
10.4103/ijnmr.IJNMR\_234\_20

**How to cite this article:** Rezaee M, Mojaveri SH, Babae N, Varaei S. Time of delivery in women with coronavirus disease. *Iran J Nurs Midwifery Res* 2021;26:85.

**Submitted:** 08-Jul-2020. **Revised:** 04-Aug-2020.

**Accepted:** 21-Nov-2020. **Published:** 18-Jan-2021.

© 2021 Iranian Journal of Nursing and Midwifery Research | Published by Wolters Kluwer - Medknow