

Management of infants born to mothers with suspected or confirmed SARS-CoV-2 infection in the delivery room: A tentative proposal 2020.

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03 3 2021 3 2021 63 3 378693 10.1111/ped.v63.3 260 263 26 11 2020 15 10 2020 02 12 2020 01 04 2021 01 04 2021 02 05 2024 © 2021 Japan Pediatric Society This article is being made freely available through PubMed Central as part of the COVID-19 public health emergency response. It can be used for unrestricted research re-use and analysis in any form or by any means with acknowledgement of the original source, for the duration of the public health emergency. Abstract Coronavirus disease 2019 (COVID-19) has spread worldwide within a short period, and there is still no sign of an end to the pandemic. Management of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)-infected pregnant women at the time of delivery presents a unique challenge. To fulfill the goal of providing adequate management of such women and their infants, and to decrease the risk of exposure of the healthcare providers, tentative guidelines are needed until more evidence is collected. Practical preventative action is required that takes into account the following infection routes: (i) aerosol transmission from mothers to healthcare providers, (ii)

horizontal transmission to healthcare providers from infants infected by their mothers, and (iii) horizontal transmission from mothers to infants. To develop standard operating procedures, briefings/training simulations should be carried out, taking into account the latest information. Briefings should be carefully conducted to clarify the role and procedures. Healthcare providers should wear personal protective equipment. If it is physically possible, neonatal resuscitation should be performed in a separate area next to the delivery room. If a separate area is not available, the infant warmer should be placed at least 2 m away from the delivery table, or partitioned off in the same room. A minimum number of skilled personnel should participate in resuscitation using the latest neonatal resuscitation algorithms.