Since the end of 2019, an outbreak of the 2019 novel coronavirus disease (COVID-19) has fast spread widely. By 19 February 2020, over 70,000 laboratory-confirmed COVID-19 have been reported, with over 1,800 patients died. At least 12 neonates have been diagnosed with COVID-19.\(^2\) Newborns are considered at high risk of direct exposure to SARS-CoV-2, and the possibility of mother to infant transmission is a major concern due to maternal COVID-19.\(^1\) Neonatal resuscitation is performed in designated neonatal ward. All medical staff involved should wear protective equipment. The neonatal department should be strictly stratified into transitional, quarantine, living and work areas. Infants with suspected infection should be isolated in a single room, while confirmed patients should be moved into separate rooms. The quarantine room should be equipped with an isolated air cycle system. Due to the strong infectivity of COVID-19, negative pressure isolation rooms are recommended.

After admission, the following prevention and control strategies should be adequately performed. Protective equipment including hats, goggles, long-sleeved protective suits, gloves and medical masks must be available for all medical staff. Minimal number of people in the isolated area and the necessary operation clusters are preferred. Avoid breast feeding from COVID-19 mother until recovery. Strict hand hygiene and disinfecting environment protocol are required.

The patients could be discharged if the following requirements are met: (1) the temperature returned to normal for more than 3 days; (2) respiratory symptoms and chest radiography improved dramatically; (3) nasopharyngeal and pharyngeal swabs, and sputum show negative for COVID-19 for two consecutive times (with at least a 24-hour interval).

COVID-19 outbreak might bring psychological stress to the patient’s parents and medical staff. Appropriate psychological support is needed.

Due to the limited cases and clinical evidence in neonatal COVID-19, the proposal will be continuously modified based on accumulated clinic evidence and experience.