



長庚醫療財團法人  
Chang Gung Medical Foundation

# Planning and promotion in response to the Delivery Room of the epidemic for COVID-19

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## ABSTRACT

COVID-19 is the biggest challenge in the world in the nearly 2 years, and is more affected by medical systems.

Delivery Room is a necessary to take care of the maternity and new-borns. Therefore, the hospital has established a house-hold negative pressure epidemic prevention area. the team is tested for education training and regular PCR to ensure Maternal, new-borns and staff safety.

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## INTRODUCTION, METHODS AND MATERIALS

In response during COVID-19 vaccination of high risk obstetric examination, tocolysis and delivery needs, with the Department of Management, Economics and Management Group, a sense of pipe classes, the Agency, the Public Works Division, the specialist to discuss, planning the industrial epidemic prevention area, sets 3 negative pressure delivery rooms, 1 caesarean section room, related equipment inventory and purchase (including: fetal monitor, vacuum, surgical lamp, operating table, etc.).

The standard and process construction:  
(1)Elaboration of high-risk case care procedures: admission criteria, production transfer route, PPE protection standard.  
(2)Section group of nursing human library inventory and schedule: 1: 2(nurse : patient ratio) arrangements for senior care experience and there area a total of 15 people involved in scheduling manpower.

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(3)Hold 2 taking care of the process, including 58 participants. Hold 2 PPE wear training, medical examination training, a total of 48 participants. Hold two cross-team immersive practical exercises, a total of 67 participants.

## RESULTS

(1)At 2020/03-2021 / 08, a high-risk women were service natural birth 51, caesarean section 14 (comprising two confirmed cases), tocolysis cases 19, 65 neonates. Another one to help the maternal and accompanying PCR screening in the premature deposits, and 995 serves.  
(2)Nursing human resources use a total of 541 shifts, total 4,328 hours.  
(3)The staff performs 100% of PPE protection and care, and the person-week regular PCR test results are negative.

## GRAPHS AND TABLES



consulting of High-risk maternal



Negative pressure caesarean section preparation before surgery

## DISCUSSION & CONCLUSIONS

Facing COVID-19, it is necessary to maintain the elastic strain ability, teamwork of the medical system, depending on the administration and clinical integration, this campaign has not ended, we will become a firm force behind each other!