

## APPENDIX. The questionnaire

We would appreciate it if you could spend 10 minutes completing the following questionnaire.

Please fill in the questionnaire and tick in the box where appropriate.

Choose only one option unless otherwise specified.

### Section 1: Background

Age: \_\_\_\_\_

Number of previous deliveries: \_\_\_\_\_

Ethnicity: \_\_\_\_\_

Place of birth: \_\_\_\_\_

Education level:

- Primary school or below  
 Secondary school  
 Tertiary or above

Family income per month:

- <\$20 000  
 \$20 000-\$39 999  
 \$40 000-\$60 000  
 >\$60 000

Your current stage of gestation:

- <14 weeks  
 14-28 weeks  
 >28 weeks

### Section 2: Knowledge of COVID-19 in pregnancy

1) What is the route of transmission for COVID-19?

- Airborne       Droplet       Direct contact

2) Do you agree that pregnant women are more likely to contract COVID-19?

- Yes       No       Unsure

3) Do you think that pregnant women with COVID-19 have more severe disease and a higher death rate?

- Yes       No       Unsure

4) Do you think COVID-19 in pregnancy is associated with pregnancy complications such as miscarriage, stillbirth, growth restriction, and preterm birth?

- Yes       No       Unsure

5) Do you think COVID-19 in the mother can cause teratogenicity in the baby?

- Yes       No       Unsure

6) Do you think COVID-19 in the mother can be transmitted to the fetus during pregnancy?

- Yes       No       Unsure

7) Do you think COVID-19 in the mother can be transmitted to the baby during vaginal delivery?

- Yes       No       Unsure

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- 8) Do you think pregnant women with COVID-19 should deliver by caesarean section?  
 Yes       No       Unsure
- 9) Do you think pregnant women with COVID-19 can breastfeed their babies after delivery?  
 Yes       No       Unsure
- 10) Are effective vaccines now available for the prevention of COVID-19?  
 Yes       No       Unsure

Section 3: Attitudes of pregnant women towards COVID-19

- 1) Are you worried about contracting COVID-19 during pregnancy?  
 Very worried       Worried       A bit worried       Not worried at all
- 2) Are you worried about contracting COVID-19 during antenatal check-ups in public hospitals?  
 Very worried       Worried       A bit worried       Not worried at all
- 3) Have you considered attending subsequent antenatal check-ups in a private hospital/clinic instead of a public hospital?  
 Yes (Please answer question 3a)  
 No (Go to question 4)
- 3a) If Yes, is it because you are worried that the risk of contracting COVID-19 is higher in a public hospital than in a private hospital/clinic?  
 Yes       No
- 4) Have you considered delivery in a private hospital instead of a public hospital?  
 Yes (Please answer question 4a & 4b)  
 No (Go to question 5)
- 4a) If Yes, is it because you are worried that the risk of contracting COVID-19 is higher in a public hospital than in a private hospital?  
 Yes       No
- 4b) If Yes, is it because your husband cannot accompany you during labour in a public hospital during the COVID-19 pandemic?  
 Yes       No
- 5) Have you considered not breastfeeding your baby because of the COVID-19 pandemic?  
 Yes (Please answer question 5a & 5b)  
 No (Go to question 6)
- 5a) If yes, is it because you think COVID-19 can be transmitted to the baby during breastfeeding, regardless of your symptoms?  
 Yes       No
- 5b) If yes, is it because you think COVID-19 can be transmitted to the baby through breast milk, regardless of your symptoms?  
 Yes       No

**APPENDIX. (cont'd)**

- 6) Do you agree that all pregnant women should undergo universal screening for COVID-19 (regardless of symptoms, travel history, and contact history)?
- Yes (Please answer 6a)
- No (Go to question 7)
- 6a) If Yes, when do you think is the appropriate time to perform the screening? (more than one answer can be selected)
- Once in the first visit
- Once during a check-up at term ( $\geq 37$  weeks' gestation)
- Every trimester (approximately once every 3 months)
- Every antenatal visit
- Only when admitted for labour
- Every hospital admission (regardless of the stage of gestation)
- 7) If universal screening for COVID-19 is offered, what is the cost you are willing to pay for each test?
- \$0        $\leq \$300$         $\leq \$500$         $\leq \$1000$         $\leq \$2000$         $> \$2000$
- 8) Do you think it should be compulsory that all pregnant women undergo universal screening for COVID-19?
- Yes       No
- 9) Do you think pregnant women who select universal screening for COVID-19 should attend separate clinics from pregnant women who refuse universal screening?
- Yes       No
- 10) Do you think that hospital staff caring for pregnant women should undergo universal screening for COVID-19?
- Yes       No

**Section 4: Behaviours of pregnant women during the COVID-19 pandemic**

- 1) How frequently do you wear surgical masks now when leaving home?
- Always       Often       Sometimes       Never
- 2) How often have you left home during the COVID-19 pandemic?
- Only when necessary       Reduced frequency       No change from pre-pandemic habits
- 3) Has your work/arrangement in your workplace changed because of COVID-19 during pregnancy?
- No change from pre-pandemic arrangement
- Changed to home office
- Quit the job
- Been fired
- Do not need to work
- 4) Do you use extra personal protective equipment other than a surgical mask (eg, N95 mask, goggles, gloves, face shield, and/or raincoat) when attending antenatal check-ups in a public hospital?
- Yes (please specify the extra equipment used: \_\_\_\_\_)
- No
- 5) Do you clean the chair and examination bed in the antenatal clinic in a public hospital before you use them?
- Yes       No

**APPENDIX. (cont'd)**

Section 5: Opinions about the provision of obstetric services during the COVID-19 pandemic

- 1) Do you agree that antenatal seminars in public hospitals should be cancelled during the COVID-19 pandemic?  
 Yes       No
  
- 2) Do you agree that antenatal exercises classes in public hospitals should be cancelled during the COVID-19 pandemic?  
 Yes       No
  
- 3) Do you think public hospitals should not allow husbands to accompany their wives during labour in the COVID-19 pandemic?  
 Yes       No
  
- 4) Do you think public hospitals should allow husbands to accompany their wives during labour if the husband's COVID-19 test result is negative (within 24 hours before labour)?  
 Yes (Please answer question 4a)  
 No (Go to question 5)
  
- 4a) If husbands are offered screening for COVID-19 to allow them to accompany their wives during labour (if the test result is negative), what is the cost you and/or your husband are willing to pay for the test?  
 \$0       ≤\$300       ≤\$500       ≤\$1000       ≤\$2000       >\$2000
  
- 5) Do you think husbands should be allowed to visit their wives in the postnatal ward during the COVID-19 pandemic?  
 Yes       No
  
- 6) Do you think parents should be allowed to visit their babies in the paediatric ward during the COVID-19 pandemic?  
 Yes       No

~~~~~ End ~~~~~

This is the end of the questionnaire.  
Thank you very much for completing this questionnaire!