

# COVID-19 in Pregnancy Research Labor & Delivery

## Study purpose:

We are trying to find out how the virus that causes the infectious disease called COVID-19, might cause problems in pregnancy such as preterm labor and more severe disease in the mother. The purpose of this study is to investigate the mothers and newborns immune response between women with COVID-19 in pregnancy, influenza-like illness and healthy pregnancies.



## Who is eligible:

Any pregnant woman older than 18 with suspected or confirmed COVID-19 or an influenza-like illness who speaks English and has the capacity to consent. Healthy pregnant women are also eligible.



## How do I consent a patient:

- Give her the **consent and HIPAA documents** combined with another visit (to minimize PPE use).
- Ask her to call the **COVID-19 in Pregnancy study pager, 206-416-0117** to discuss the study and have questions answered.
- If she consents, ask her to **sign the consent** and HIPAA forms — and **date all forms** (otherwise invalid).
- Ask her to **take a picture** (with her phone) of the signed pages and **send to: covidinpregnancy@uw.edu**



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## Samples needed:

To conserve PPE, the study is relying on the care team to collect samples.

### Maternal Blood

before delivery (Acute COVID-19)



**DRAW 1, 2, AND 3**  
(ideally on consecutive days)

- 20ml blood
- Up to 3 times on different days prior to delivery
- Ideally, coordinate with another blood draw
- \$25 Amazon gift card for each blood draw

### Cord Blood



- Up to 40 ml of Cord Blood
- It is OK if volume collected is less than what is shown. Please try to collect as much as possible.

If a cesarean section is performed:

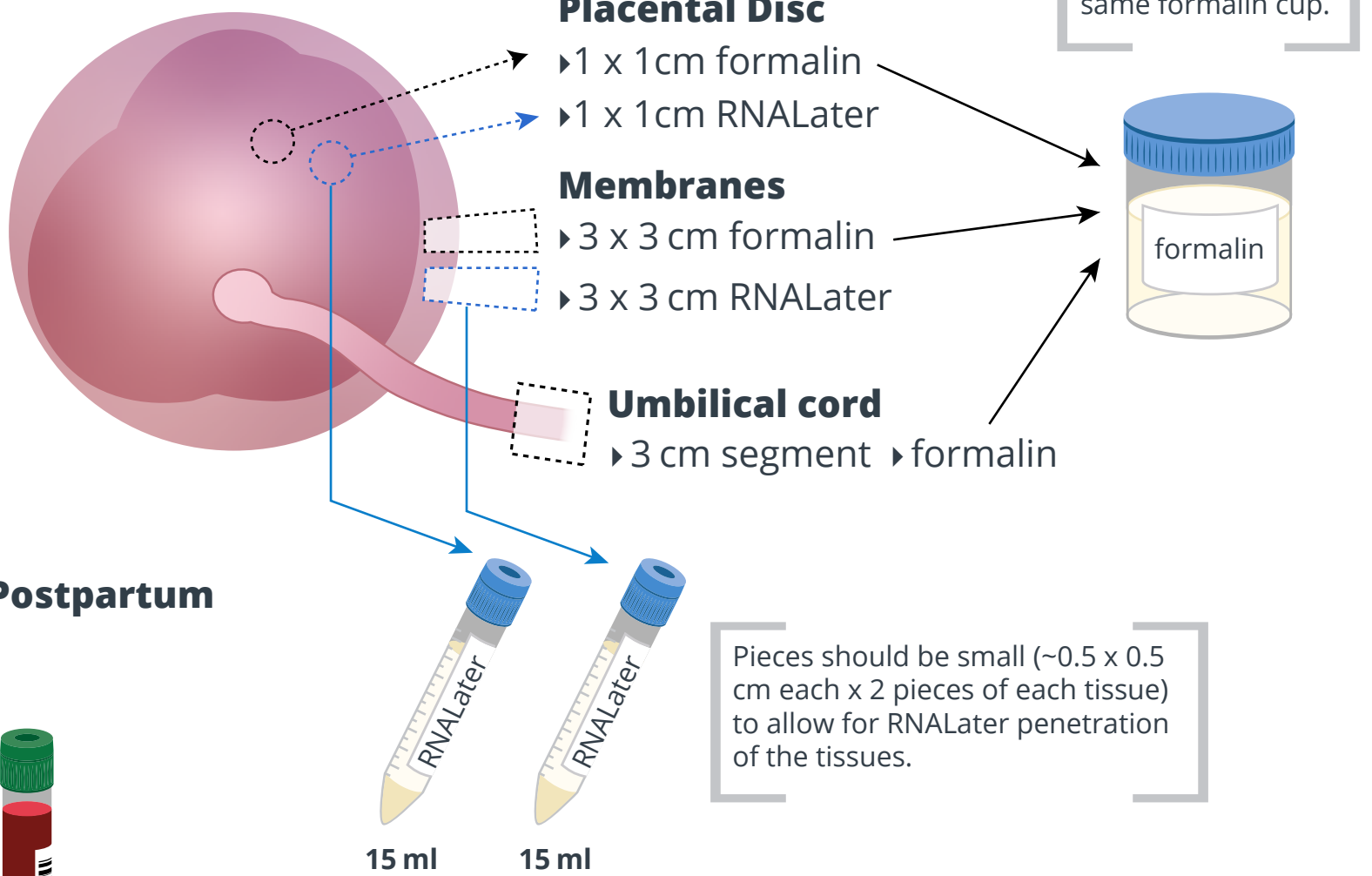
### Amniotic Fluid



- If a cesarean section is performed, collect up to 20 ml of amniotic fluid at the time of delivery.
- Try to avoid contamination with blood.

### Placenta

Sample the placenta as quickly as possible in the delivery room to prevent RNA degradation by RNAses in the placenta.



### Maternal Blood – Postpartum

- 20 ml blood



### All samples

- All samples stay at room temperature except amniotic fluid ▶ refrigerator in dirty utility
- Label all samples with assigned study number given at time of enrollment.
- Do not apply patient stickers to samples.
- Inform postpartum nurse of study to coordinate postpartum draw.

Call COVID-19 in Pregnancy study pager,  
**206-416-0117**

email [covidinpregnancy@uw.edu](mailto:covidinpregnancy@uw.edu)

Give study team as much warning as possible before collecting samples so that they can pick up samples as quickly as possible after collection. Ideally, blood is processed within 1 hour of collection.

# COVID-19 in Pregnancy Research Postpartum

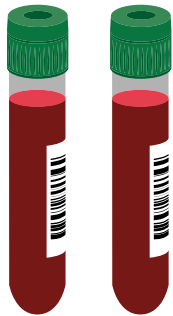
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We are trying to find out how the virus that causes the infectious disease called COVID-19, might cause problems in pregnancy such as preterm labor and more severe disease in the mother. The purpose of this study is to investigate the mother's and newborn's immune response between women with COVID-19 in pregnancy, influenza-like illness and healthy pregnancies.

## Who is eligible:

- Women are consented during pregnancy and have begun study sample collection already.
- If notified that a postpartum patient is on the study, there is one blood draw to complete postpartum. Can be combined with another blood draw.

## Samples needed:



10 ml 10ml

- 20 ml blood to stay at room temperature
- Mark sample with study number
- Do NOT apply patient sticker to sample

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Give study team as much warning as possible before collecting samples so that they can pick up samples as quickly as possible after collection. Ideally, blood is processed within 1 hour of collection.

# COVID-19 in Pregnancy Research

## Packing up the sample for transport

- a. Ensure that the study team knows samples were collected to enable rapid pickup and processing (ideally within one hour) by calling the study pager at 206-416-0117.
- b. Double bag all samples. Decontaminate the outer plastic bag per routine procedures.
- c. Locate the COVID19 in Pregnancy mini-Playmate cooler.
- d. Place the samples in the cooler into the secondary container inside a plastic container with an absorbent pad.
- e. Snap the plastic container closer and then close the Playmate cooler.
- f. Transfer the samples to the study team that should be waiting outside Labor & Delivery for collection.



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