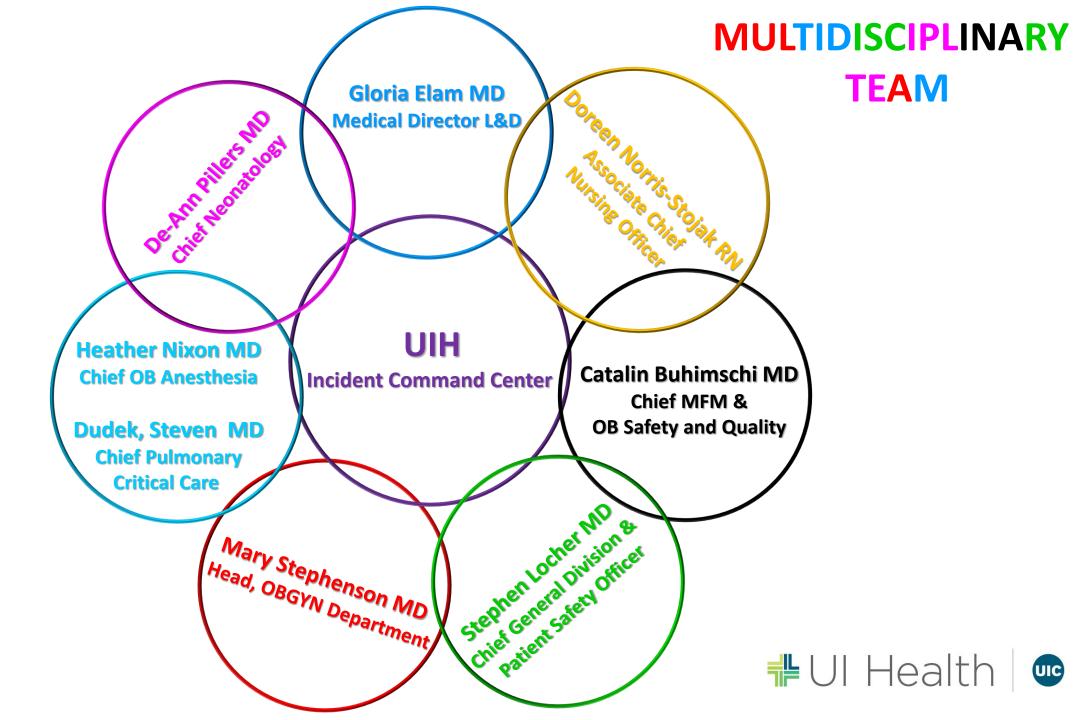


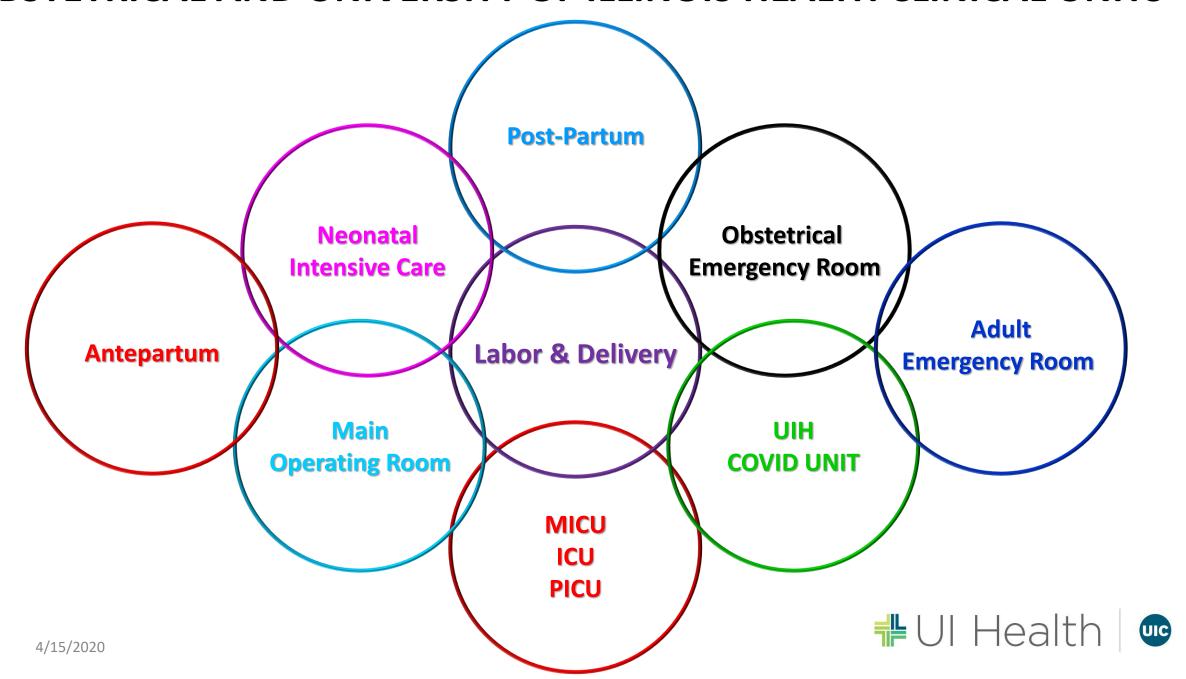
University of Illinois at Chicago Department of Obstetrics and Gynecology Covid-19 Algorithms



Admission of + COVID Parturient



OBSTETRICAL AND UNIVERSITY OF ILLINOIS HEALTH CLINICAL UNITS



Admission of + COVID Parturient

Previable - Admit to appropriate COVID Unit

Viable (GA: 22 5/7 weeks)

- Assess Maternal Respiratory/COVID status for level of care needed
- Assess Maternal Obstetric Needs (Laboring status/Bleeding/FHR Tones)
- Disposition to MICU/ICU/PICU, +COVID floor unit or L&D COVID bed-based on clinical assessment

Transports (UIC-IDPH Administrative Perinatal Center)

Guidelines - Adult Emergency Room Provider



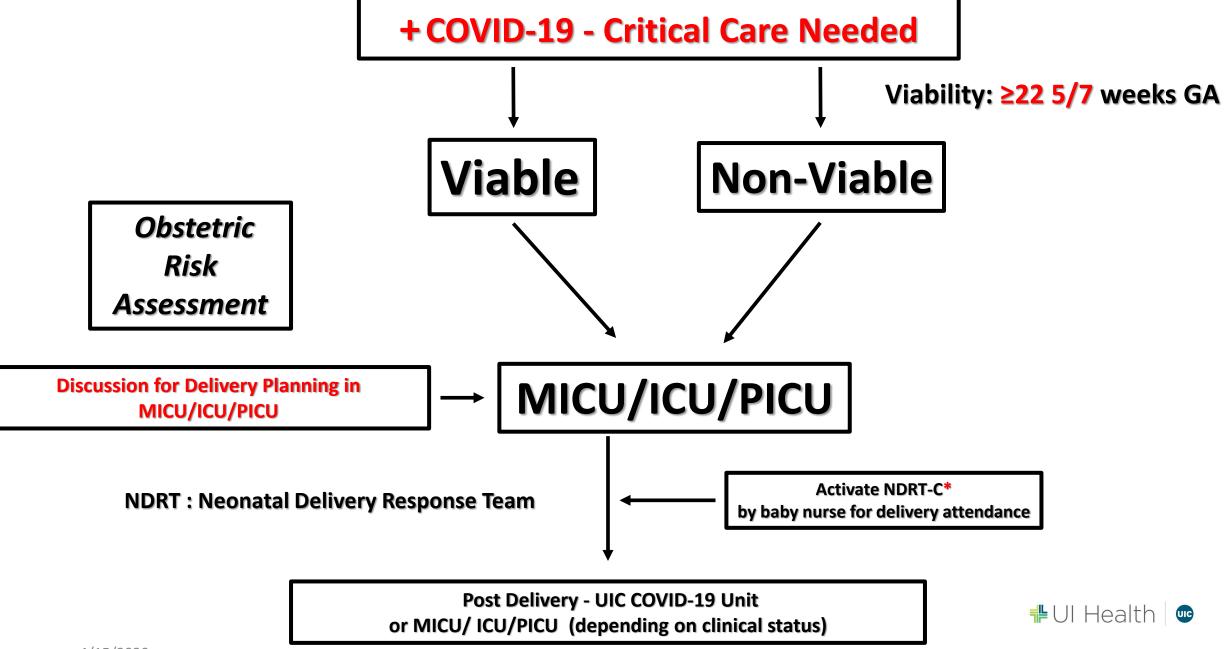
Screening of + COVID Parturient

SMFM/ACOG/SOAP (Inpatient/Outpatient)

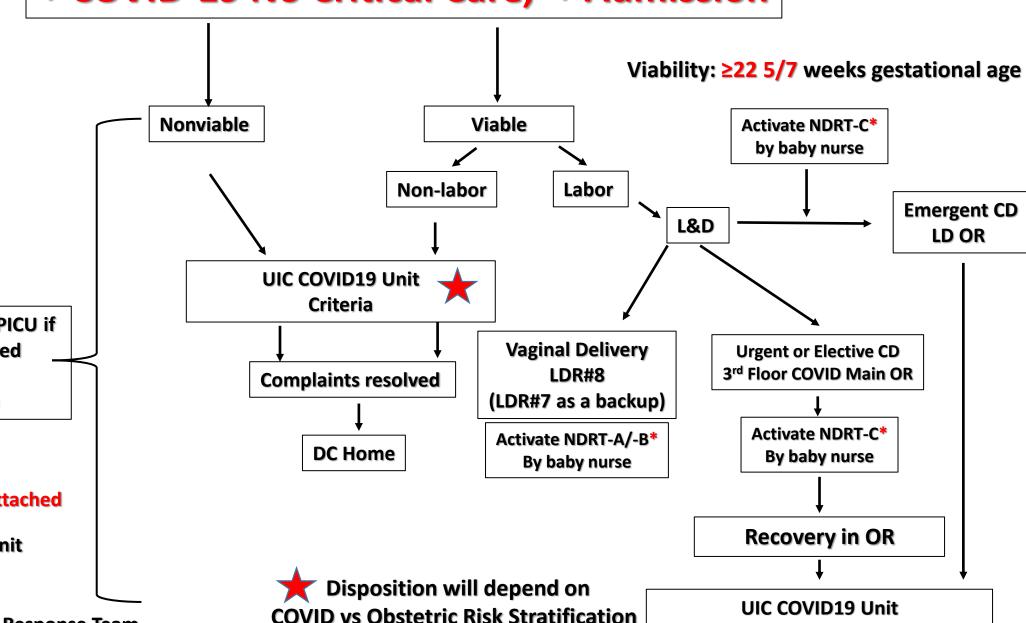
- 1. How do you feel?
- 2. Do you have fever?
- 4. Do you have difficulty breathing or SOB?
- 5. Do you have difficulty breathing without grasping for air?
- 6. Do you needed to stop frequently when walking across the room?
- 7. Did you cough blood?
- 8. Do you have any new chest pain or pressure in the chest when coughing?
- 9. Did you lose your taste or smell?
- 10. Are you unable to keep liquids down?
- 11. Do you have dizziness when standing (dehydration)?
- 12. Did you have recent contact with COVID patients?
- 13. Do you have sick (signs of cold) family members?

Universal wearing of face masks Universal temperature screening





+ COVID-19 No Critical Care, + Admission



Main OR rooms:

OR #1

• OR #2

Neo: OR #3

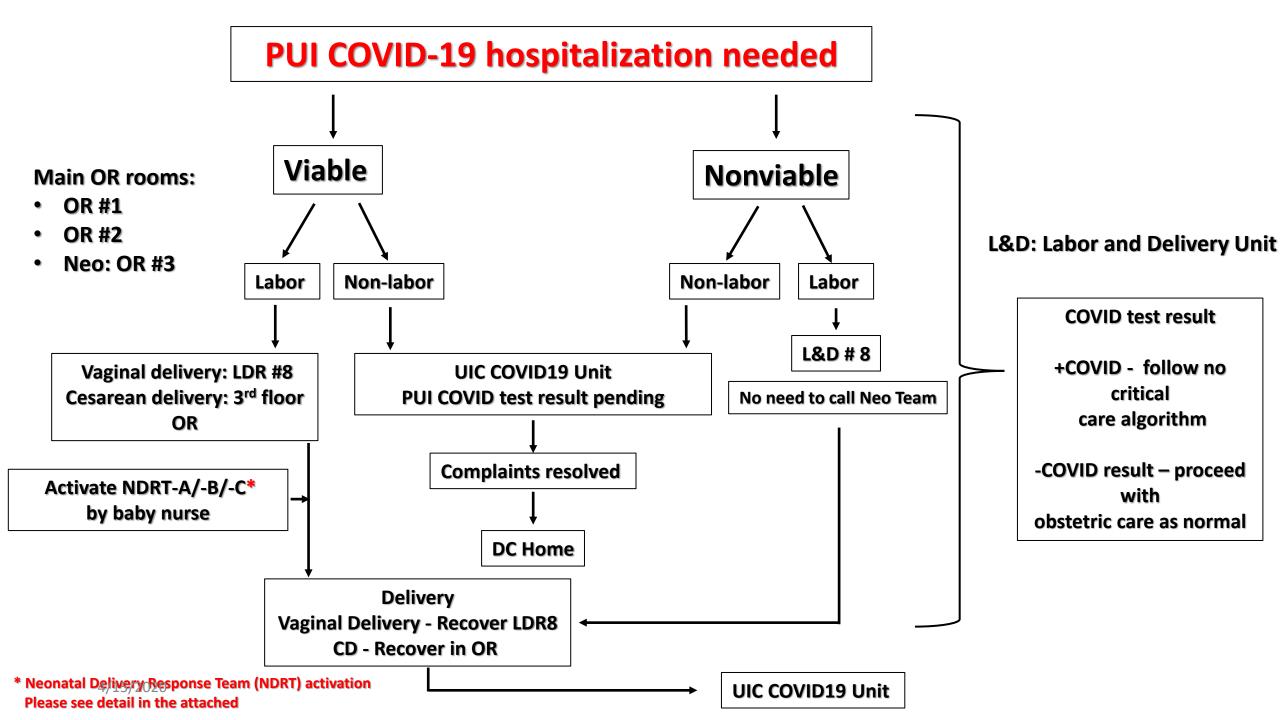
Transfer to MICU/ICU/PICU if
Critical Care Required
at any time
during admission

*NDRT activation
Please see detail in the attached

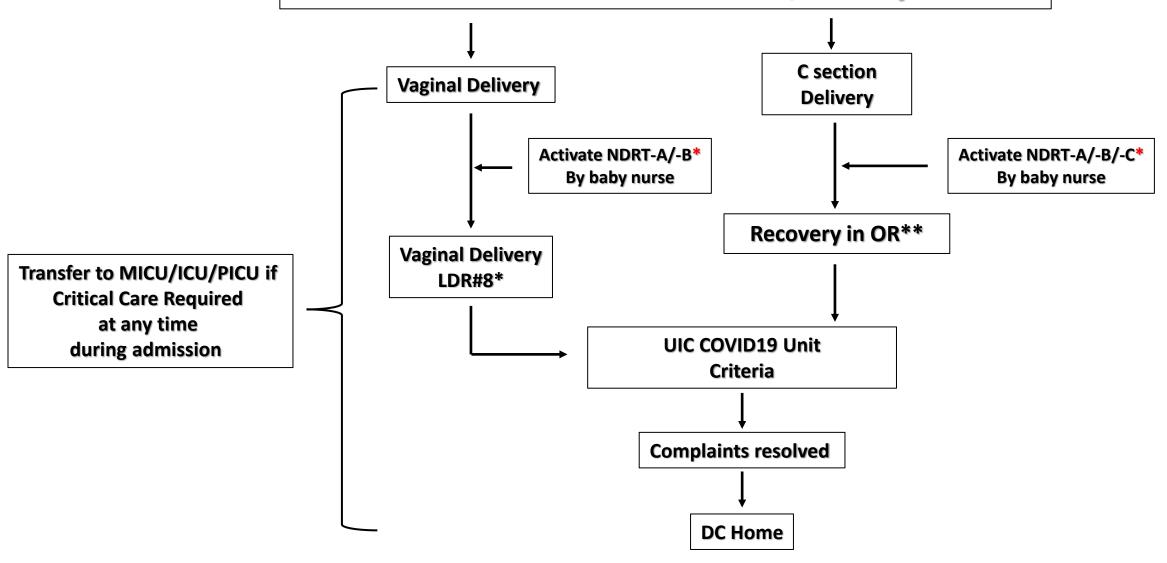
L&D: Labor and Delivery Unit

OR: Operating Room CD: Cesarean Delivery

NDRT: Neonatal Delivery Response Team



+ COVID-19 No Critical Care, Postpartum



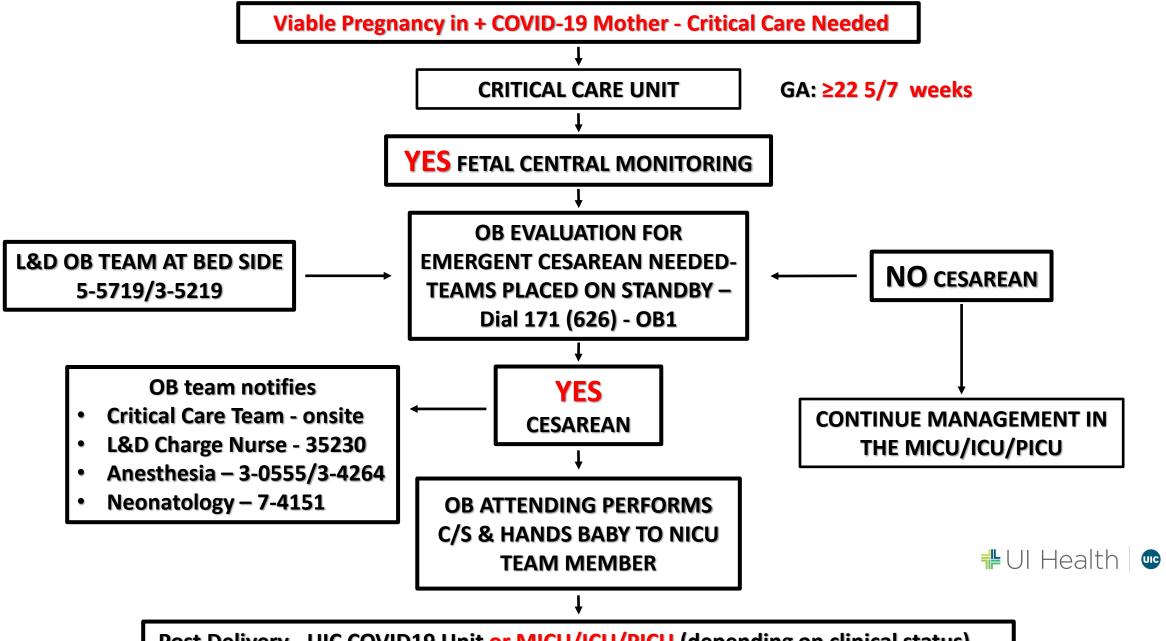
^{*} Neonatal Delivery Response Team (NDRT) activation Please see detail in the attached 4/15/2020

*Overflow - L&D Rooms #6 & #7

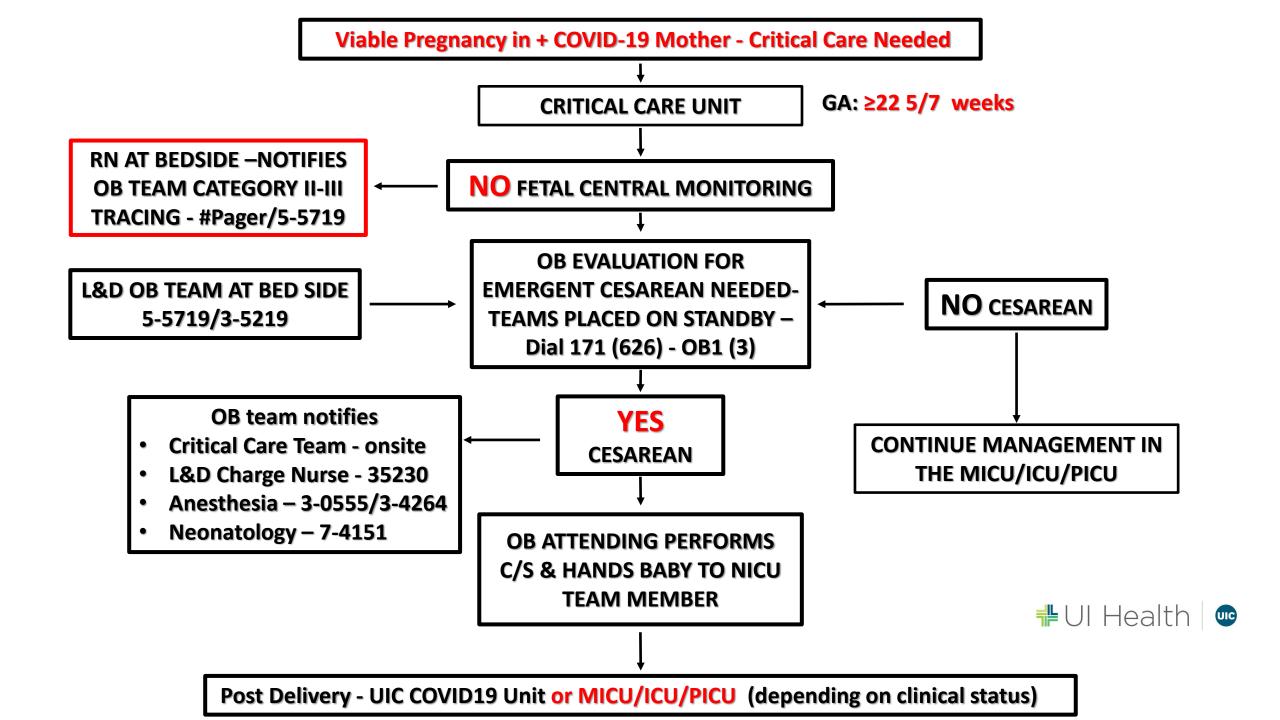
** OR 3rd or 4th Floor

Delivery of COVID + Patient in MICU/ICU/PICU





Post Delivery - UIC COVID19 Unit or MICU/ICU/PICU (depending on clinical status)



NEONATAL DELIVERY RESPONSE TEAM (NDRT)*

LEVEL CODES**	A	В	С	
Maternal or fetal conditions	Assisted vaginal delivery; Elective C-section Magnesium Sulfate Intrauterine Amniotic Infection (IAI) (chorio) Macrosomia Meconium IUGR Singleton 35 0/7-36 6/7 wk Post date >=41wk Non-life threatening fetal anomaly not requiring immediate intervention (eg, cleft lip; club foot) Care plan in chart for fetal concerns requiring a level 1 neonatal provider	Multiples Urgent C-section Oligo/polyhydramnios Singleton 28 0/7-34 6/7 wk Shoulder precautions Any non-life threatening newborn event that requires medical intervention (eg. hemodynamically stable infant with respiratory distress) in post-partum unit. Any newborn event that requires IMMEDIATE / EMERGENT intervention in L&D. Care plan in chart for fetal concerns requiring a level 2 neonatal provider	< 28 weeks gestation Emergent C-section Category 3 FHR tracing Any OB expectation for severe fetal compromise Code shoulder Newborn code Off-site delivery (outside 4 th floor L&D/OR) Major congenital fetal anomaly identified in the Center for Perinatal Care plan requiring a Neonatologist	
Who responds to the call / delivery	Baby Nurse (first responder) Neonatal Provider (1) - Neonatal fellow (first responder) Neonatal Attending (backup) NICU hospitalist/Peds/FP resident (back up) Limit at 2 providers at the time 2 sets of appropriate PPE	Baby Nurse (first responder) Neonatal Provider (1 or more) - Neonatal fellow (first responder) Neonatal attending (back up) Admission NICU RN (replace baby nurse as request) Respiratory therapist (per request) NICU hospitalist/Peds/FP resident (back up) Limit at 2-4 providers at the time 4 sets of appropriate PPE	Baby Nurse (first responder) Neonatal Provider (2) - Neonatal fellow (first responder) - Neonatal attending (first responder) Respiratory therapist (first/second responder) Admission NICU RN (second responder, replace baby nurse) Pharmacist (per request) NICU hospitalist/Peds/FP resident (back up) Limit at 4 providers at the time 4 sets of appropriate PPE	



^{*}Not for use for supporting non related-delivery or plan of palliative care
**Level code can be escalated to higher level as per neonatal provider's discretion

OB Equipment Needs

- C-Section pack
- Laminated contact list posted on the patient door
- NST Monitor with extended cords and fetal strip paper, ziplock bag and labels
- WOW for RN charting
- Cap
- N95
- Goggle (face mask with shield as alternative) *
- Double gloves Sizes 6-8.5
- Gown
- Chlorhexidine scrub
- Shoe covers
- Surgical lamps
- Postpartum hemorrhage kit (Methergine, Cytotec, Carboprost, Tranexamic acid)



Procedure

Activate NDRT by calling a baby nurse or designated person

Baby nurse or designated person calls neonatal fellow (please follow guidelines/criteria on previous page) and also

- Prepare for resuscitation bed
- Prepare for appropriate PPE (also this supply should be checked every shift in daily basis and replenish it to keep at least 4 sets of them)
- Prepare to Sterile Scrub-in for receiving the infant from OB team (if delivery occurs in OR; unless OB team brings the infant to resuscitation bed)
- Keep close contact with OB-Neo team to make sure neonatal team will be present in the delivery field in 15 minutes in advance if possible

Wear an appropriate PPE as shown below:

For case without PUI/COVID

- 1. Glove
- 2. Face mask with shield
- 3. Hospital scrub

For case with PUI/COVID

- 1. Cap
- 2. N-95 (if reusable, recommend to put face mask on top)*
- Goggle (face mask with shield as alternative) *
- 4. Double Glove

- 4. Cap (if delivery occurs in OR)
- 5. Gown (if delivery occurs in OR)
- 6. Shoes cover (if delivery occurs in OR)
- 5. Gown
- 6. Hospital scrub
- 7. Shoes cover

(*In case limit resource, it is mandatory for baby nurse, respiratory therapist and person intubating infant to wear it, the rest of the team can wear a facemask with shield)

Hand sanitizing right before and after attending delivery

Neonatal team will wait in front of the delivery room until baby nurse or designated person give a green light to enter to room

In case of 2 or more urgent requests at the same time (also up to neonatal provider's discretion)

- 1. First responders will attend the first event
- 2. Second responders and / or back up team will attend the second event
- 3. And so on

OB/NICU/Anesthesia Summary

Covid + Nonviable No OB Issues	Covid + Nonviable + OB Issues	Covid + Viable No OB Issues		PUI/Covid + for Vaginal Delivery	PUI/Covid + for C/S Delivery	MICU/ICU/PICU Delivery	Hx + ? Shedding for Delivery
Transfer COVID Unit or MICU/ICU/PICU	OBER #5	Transfer COVID Unit or MICU/ICU/PI CU		L&D #8 for labor delivery and recovery	Scheduled and Urgent C/S Main OR 3	Maternal Status or Fetal Monitoring Deteriorates – OB/NICU /Anes. Team to Bedside	? Tx as still positive
OB Consult	Transfer COVID Unit or MICU/ICU/PICU	After OB Assessment				Emergency Delivery in Unit	
			Transfer COVID Unit or MICU/ICU/PI CU	Transfer COVID Unit or MICU/ICU/PICU	Recover Main OR 3	Recovery in MICU/ICU/PICU	
			May go to Rm 412 APSD*		Transfer COVID Unit or MICU/ICU/PICU		
					Emergent C/S - L&D OR Recover L&D OR		
			*MFM determination of transfer		Transfer COVID Unit or MICU/ICU/PICU		
			disposition				

NICU resuscitation in adjacent room

4/15/2020

Admit to Family Medicine COVID-19 Team

DISCONTINUATION OF TRANSMISSION - BASED PRECAUTIONS FOR COVID-19 PATIENTS

Test-based strategy

- Resolution of fever without the use of fever-reducing medications and
- Improvement in respiratory symptoms (e.g. cough, shortness of breath),
 and
- Negative results of an FDA Emergency Use Authorized COVID-19
 molecular assay for detection of SARS-CoV-2 RNA from at least two
 consecutive nasopharyngeal swab specimens collected ≥24 hours apart
 (total of two negative specimens)



DISCONTINUATION OF TRANSMISSION - BASED PRECAUTIONS FOR COVID-19 PATIENTS

Non-test based strategy

 At least 3 days (72 hours) have passed since recovery defined as resolution of fever without the use of fever-reducing medications and improvement in respiratory symptoms (e.g. cough, shortness of breath)

and

At least 7 days have passed since symptoms first appeared



UNIVERSAL SCREENING

POC Test-based strategy

- Approved by UIC April 2020
- Sites: L&D, OBER
- Type of POC testing (viral genome)
- Universal PUI categorization pending POC test results
- PPE health care providers pending results
- POC testing vs Temp screening visitors
- Testing 24-48 hours prior to elective procedures (eg CD, ECV)
- Testing every 72 hours

