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	Effective Date:	04-10-2020
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	Page Number:	1
	Department/Section:	NEONATAL INTENSIVE CARE & PEDIATRICS
	Document Title:	<b>GUIDELINES IN MANAGEMENT OF NEWBORNS IN MOTHERS WITH SUSPECTED, PROBABLE, AND CONFIRMED CORONAVIRUS (COVID-19) INFECTION.</b>

## PURPOSE

To reduce the risk of transmission of the virus that causes COVID-19 or other infectious disease from the mother to the newborn.

## OBJECTIVE

To standardize protocols in Management of Newborns in Mothers with Emerging and Reemerging Infectious Disease.


## GENERAL CONSIDERATION

### 1. Mother/Baby Contact

- It is unknown whether newborns with COVID-19 are at increased risk for severe complications. Transmission after birth via contact with infectious respiratory secretions is a concern.
- Facilities should consider temporarily separating (e.g., separate rooms) the mother who has confirmed COVID-19 or is a Probable from her baby until the mother's transmission-based precautions are discontinued, as described in the Interim Considerations for Disposition of Hospitalized Patients with COVID-19.

### 2. Considerations below for temporary separation:

- The risks and benefits of temporary separation of the mother from her baby should be discussed with the mother by the healthcare team.
- A separate isolation room should be available for the infant while they remain as Probable COVID 19 patient. Healthcare facilities should strictly follow a no visitors allowed policy. For healthcare personnel, recommendations for appropriate PPE are outlined in the Infection Prevention and Control Recommendations.
- The decision to discontinue temporary separation of the mother from her baby should be made on a case-by-case basis in consultation with clinicians,


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and infectious disease specialists. The decision should take into account disease severity, illness signs and symptoms, and results of laboratory testing for the virus that causes COVID-19, SARS-CoV-2. Considerations to discontinue temporary separation are the same as those to discontinue transmission-based precautions for hospitalized patients with COVID-19. Please see Interim Considerations for Disposition of Hospitalized Patients with COVID-19.

- Once newborn is in stable condition, bathe with soap and water.

**3. If separation is not undertaken, other measures to reduce the risk of transmission from mother to infant could include the following, again, utilizing shared decision-making:**

- Using engineering controls like physical barriers (e.g., a curtain between the mother and newborn) and keeping the newborn  $\geq 6$  feet away from the mother.
- Mothers who choose to feed at the breast should put on a face mask and practice hand hygiene before each feeding.
- If the mother is not breastfeeding and no other healthy adult is present in the room to care for the newborn, a mother with known or suspected COVID-19 should put on a face mask and practice hand hygiene before each feeding or other close contact with her newborn.
- The facemask should remain in place during contact with the newborn. These practices should continue while the mother is on Transmission-Based Precautions in a healthcare facility.


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#### 4. Colocation/Rooming-in











- If colocation (sometimes referred to as “rooming in”) of the newborn with his/her ill mother in the same hospital room occurs in accordance with the mother’s wishes or is unavoidable due to facility limitations, facilities should consider implementing measures to reduce exposure of the newborn to the virus that causes COVID-19.
- Consider using engineering controls like physical barriers (e.g. a curtain between the mother and newborn) and keeping the newborn  $\geq 6$  feet away from the ill mother.
- If no other healthy adult is present in the room to care for the newborn, a mother who has confirmed COVID-19 or is a Probable COVID 19 should put on a face mask and practice hand hygiene before each feeding or other close contact with her newborn. The face mask should remain in place during contact with the newborn. These practices should continue while the mother is on transmission-based precautions in a healthcare facility.


#### 5. Breastfeeding

- If temporary separation is undertaken, mothers who intend to breastfeed should be encouraged to express their breast milk to establish and maintain milk supply. If possible, a dedicated breast pump should be provided by the mother. Prior to expressing breast milk, mothers should practice hand hygiene. After each pumping session, all parts that come into contact with breast milk should be thoroughly washed and the entire pump should be appropriately disinfected per the manufacturer’s instructions. This expressed breast milk should be fed to the newborn by a healthy caregiver.
- If a mother with known or suspected COVID-19 and her infant do room-in and the mother wishes to feed at the breast, she should put on a face mask and practice hand hygiene before each feeding.

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### APPROVAL:

	Name/Title	Signature	Date
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Verified:	<b>HANNAH KHAY S. TREYES, RN, MN</b> OIC Chief Nurse, Nursing Service		5/11/2020
Recommending Approval:	<b>SANDRA A. MONTELIBANO, MD</b> House Consultant, Pediatrics Department		3/10/2020
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	<b>HENRY F. ALAVAREN, MD, FPSMID, FPSQua</b> Total Quality Division Officer		5/20/20
	<b>MA. ANTONIA S. GENSOLI, MD, FPCHA</b> Medical Director		5.22.2020
Approved:	<b>GENESIS GOLDI D. GOLINGAN</b> President and CEO		12/22/2020

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## PROCEDURES:

1. Delivery Room nurse informs NICU of patient for Labor and Delivery Management
2. OB Resident on duty shall confirm if Mother is probable, Suspect or Covid 19 Positive patient.
3. Delivery Room Nurse Informs Pediatric Resident of Admission and prepares for incoming Newborn
4. If neonate is stable, Delivery Room Nurse performs routine new born care – Cord dressing, Vit. K, Anthropometric measurement
5. If neonate is not stable, Pedia Resident informs NICU Staff to prepare for NICU/ PICU admission, transports patient via sealed aerosol box to designated room (RM547 & 549)

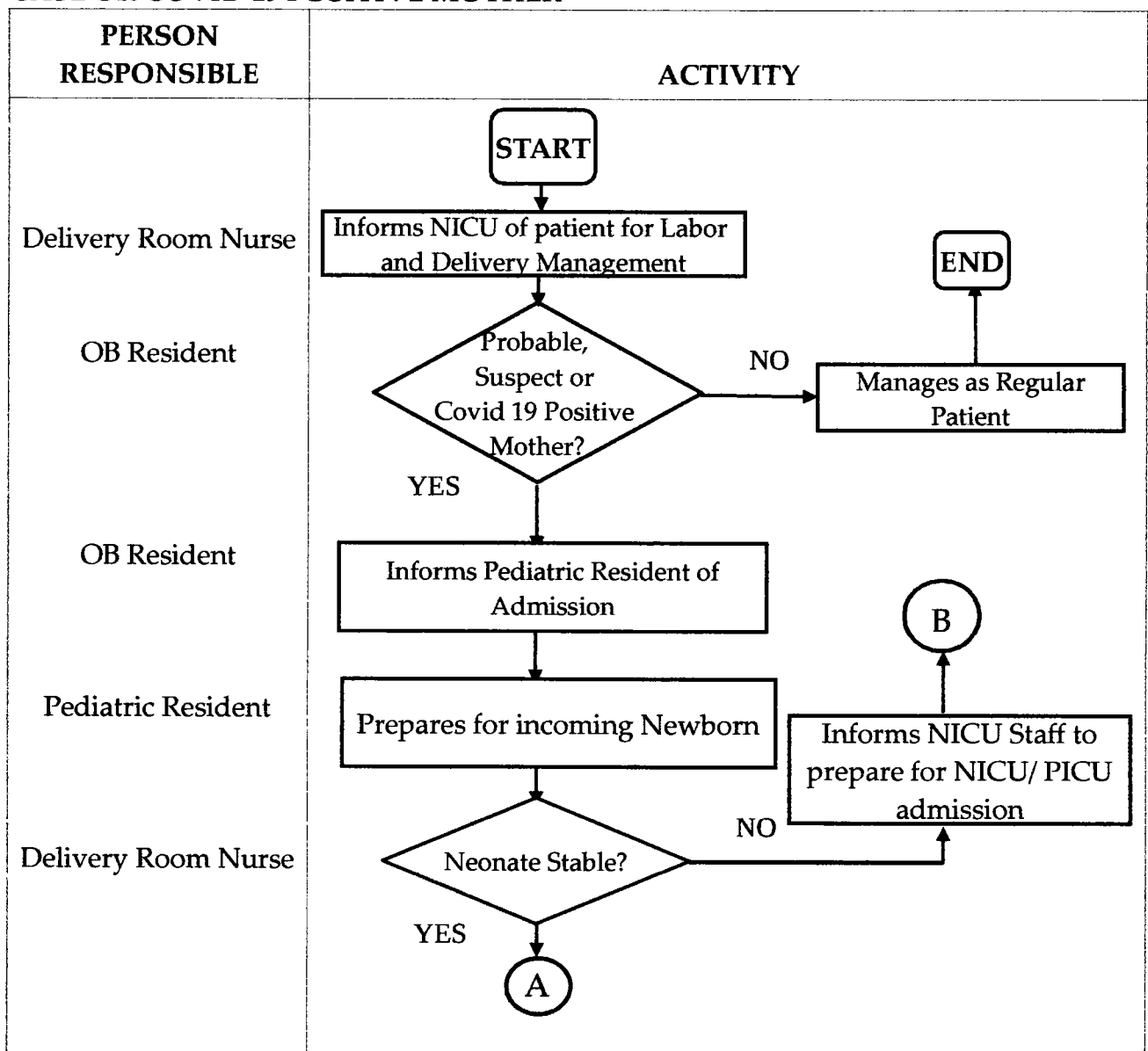
### ***Equipment Available:***


Suction Machine  
O2 Supply  
Laryngoscope with ET  
OGT  
Umbilical Cather  
Mechanical Ventilator  
Epinephrine

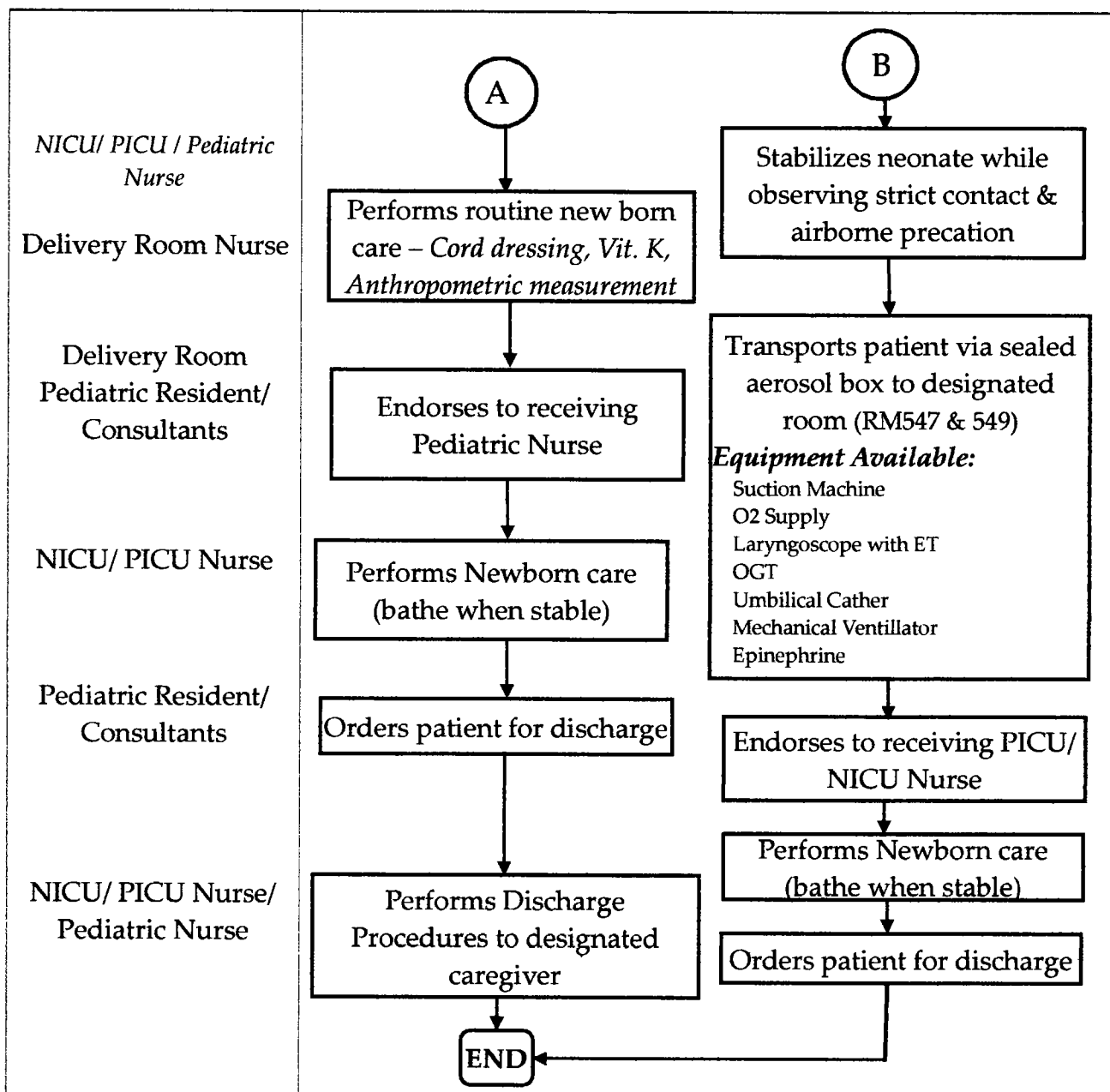
6. Delivery room nurse endorses newborn to receiving PICU/NICU Nurse.


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**FLOWCHART: ADMISSION OF NEWBORN OF A COVID 19 SUSPECT, PROBABLE CASE OR COVID 19 POSITIVE MOTHER**



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## WORK INSTRUCTION:

### ADMISSION OF NEWBORN OF A COVID 19 SUSPECT, PROBABLE CASE OR COVID 19 POSITIVE MOTHER

#### 1. OB Residents

- Assesses the patient condition. Patient is Probable, Suspect or Confirm Covid 19 Cases.
- Informs Pediatric Residents of Covid 19 admission.

#### 2. Pediatric Residents/ Consultants

- Prepares for the incoming newborn.
- Assesses condition of Neonates or Newborn.
- Performs neonates or newborn care.
- Stabilizes neonates or newborn.
- Discharges patient with designated caregiver.


#### 3. Delivery Room Nurse

- Informs NICU/ IPCU/ Pediatric Nurse of admissions.
- Transports patient to designated room.
- Endorses patient to receiving designated areas.
- Performs Newborn Care.

#### 4. NICU/ IPCU/ Pediatric Nurse


- Receives endorsement from Delivery Room.
- Performs Routine Newborn/ Neonatal Care.
- Performs Discharge Procedures with designated caregivers.



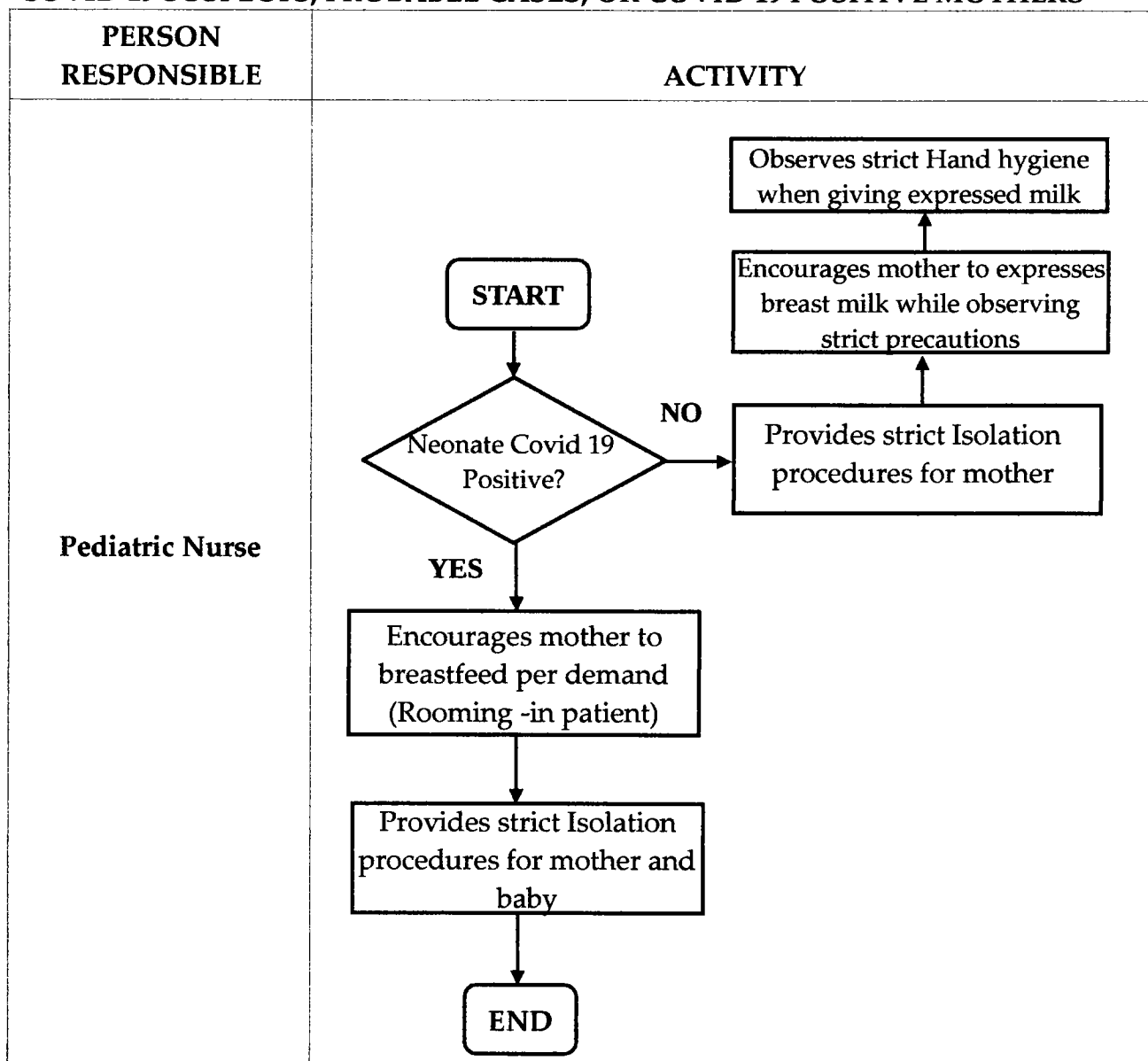
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### PROCEDURE:

1. Pediatric nurse encourages mother to breastfeed confirmed Covid 19 positive neonate when needed.
2. Strict Isolation Precaution shall be observed among Confirmed or Probable Covid 19 neonate and mother.
3. When giving expressed milk, strict hand hygiene shall be observed.

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**FLOWCHART: MANAGEMENT OF BREASTFEEDING NEONATES BORN TO COVID 19 SUSPECTS, PROBABLE CASES, OR COVID 19 POSITIVE MOTHERS**



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### **WORK INSTRUCTION:**

**MANAGEMENT OF BREASTFEEDING NEONATES BORN TO COVID 19 SUSPECTS, PROBABLE CASES, OR COVID 19 POSITIVE MOTHERS**

**Pediatric Nurse:**

- Encourages mother to breastfeed per demand (Rooming -in patient).
- Provides strict Isolation procedures for mother and baby.
- Encourages mother to expresses breast milk while observing strict precautions.
- Observes strict Hand hygiene when giving expressed milk

### **DOCUMENTATION**

Manual of Policies and Standard Operating Procedures

### **DISSEMINATION**

Unit Meetings

Bulletin board

### **REFERENCES:**

CDC Considerations for Inpatient Obstetric Healthcare Settings

CDC Interim Infection Prevention and Control Recommendations for Patients with Suspected or Confirmed Coronavirus Disease 2019 (COVID-19) in Healthcare Settings