



COVID19 Newborn Workflow

Mother's Isolation

Preference

Least Risk

Bathe newborn as soon as

Newborn is cared for in an

isolation-capable room by a

healthy caregiver using low

available, PUI infants may be

moderate droplet precautions.

If no healthy caregiver is

cohorted with staff using

possible after delivery.

droplet precautions.

Last Update: April 14, 2020

Mother is COVID-19 (High droplet positive or PUI* PPE for delivery) No

Yes

- Normal maternal newborn care EXCEPT limiting number of providers when PPE will be expended.
- Consider having advanced provider on standby rather than in room/OR

Levels of Protection

Low droplet: surgical mask and gloves

Moderate droplet: surgical mask, gloves, isolation gown, and eye protection

High droplet: respirator, gloves, isolation gown, and eye protection

Maternal conditions required for newborn visits or end of isolation:

Path#1: Afebrile for >72 hours **and** improving respiratory symptoms and 7 days since onset of symptoms

All staff in the delivery room use high droplet level precautions.

Well Term

Newborn

Facility

can Accommodate

in SCN/NICU with

Isolation Room and

Droplet

Precautions

Yes

- If resuscitation is required (PPV, intubation, or CPAP), maintain high droplet level precautions for about one hour after procedure **:
- Negative pressure room is ideal, but otherwise single patient room with door closed and moderate droplet precautions if no aerosolization risk
- Newborn should be placed inside closed incubator if available.

- Call Cardinal Glennon Access Center or your region's neonatology resource to request NICU transfer.
- All staff in the delivery room use high droplet level precautions.
- Use high droplet level precautions until transfer is complete (for all in
- Newborn should be placed inside incubator if available.
- Newborn is transferred in an incubator using moderate droplet precautions.

- Bathe newborn as soon as possible after delivery.
- Newborn will room in with mother.
- Separation of 6 feet using closed incubator (preferred if available) or other barrier if not available.
- Staff use moderate droplet precautions.
- Healthy caregiver uses low droplet precautions.

Mother's Breastfeeding Reduced Preference (if Risk applicable) Least Risk

Newborn will receive mother's expressed breastmilk.

Reduced

Risk

- Dedicated breast pump if possible
- Breast and hand hygiene prior to pumping

- Newborn will directly breastfeed.
- Mother will perform breast and hand hygiene prior to feeding.
- Mother will wear a surgical mask while feeding.
- Resume separation following feedings.

Newborn Testing

Testing using a single pooled throat and NP swab is recommended in infants at 24 hours of age and repeated at 48 hours. Assume infection until there have been two consecutive negative tests.

If testing is unavailable or restricted, assume infection and use low droplet level precautions until 14 days of age.

- *Person Under Investigation (for COVID-19)
- ** Precise duration for maintenance of high droplet protection depends on the room and is determined by plant operations

- AAP Guidelines: https://services.aap.org/en/pages/2019-novel-coronavirus-covid-19-infections/
- CDC Guidelines: https://www.cdc.gov/coronavirus/2019-ncov/index.html
- British Perinatal Association Recommendations: https://www.rcpch.ac.uk/resources/covid-19-guidance-paediatric-services