Flowchart for Newborn Life Support 2

Delivery from a mother with suspected or confirmed COVID-19

The purpose of this flowchart is to provide practical, pragmatic advice to anyone providing assessment, stabilisation or resuscitation of newborn babies in the UK during the COVID-19 pandemic.

Newborn life support is very different from adult resuscitation and this guidance is only applicable to newborn babies. It aims to provide evidence based advice where possible (accepting the evidence base is weak) and tries to avoid anxiety based medicine where practical (accepting that clinician safety is vital and the perception of safety is very important).

This flowchart is for delivery from a mother who has suspected or confirmed COVID-19. Please visit resus.org.uk for guidance on delivery from a mother who is COVID-19 negative or asymptomatic and not suspected, as well as other resources.

PPE Terminology

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRSM</td>
<td>fluid resistant surgical mask</td>
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<tr>
<td>FRDG</td>
<td>fluid resistant disposable gown</td>
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<tr>
<td>PPE</td>
<td>personal protective equipment</td>
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<tr>
<td>AGP</td>
<td>aerosol generating procedure</td>
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<tr>
<td>FFP</td>
<td>mask filtering face-piece respirator (e.g. FFP3, N95 or equivalent)</td>
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Standard reasons for neonatal team attendance (COVID-19 is not an indication on its own)

- If possible neonatal team in adjacent room, otherwise in same room as mum
- Minimum number required in team, back up available
- Team members in full gown, gloves, FFP3 mask (or equivalent) & eye protection

If baby is well at birth: no neonatal team involvement

Delayed cord clamping should be considered

- If baby requires assessment / stabilisation/resuscitation: pass to neonatal team
- Anyone not involved with neonatal care to remain >2 metres away from baby
- **<2 metres:** wear FFP3 mask, long sleeved gown, gloves, eye protection, hat
- **>2 metres:** fluid resistant surgical mask, plastic apron, gloves, eye protection will protect from neonatal aerosol generating procedures

Assessment & stabilisation / resuscitation as per NLS algorithm
- Discard wet towel safely
- If advanced resuscitation requires extra members, they should also wear full gown, gloves, FFP3 mask (or equivalent), hat & eye protection

If NNU admission not needed:
- Return baby to mother for skin to skin and breast feeding if mother is well enough
- Consider fluid resistant surgical mask for mother

If NNU admission needed:
- Transfer in incubator to designated area in NNU
- Safe doffing of PPE by Neonatal team

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