Resuscitation Council UK

Newborn Life Support for COVID-19 patients

(Antenatal counselling)
Team briefing and equipment check

Birth

Consider team composition, aerosol PPE, location of resuscitation
Dry the baby
Maintain normal temperature
Start the clock or note the time
Wet towel may be contaminated, remove with care

Assess (tone)**, breathing, heart rate**

If gasping or not breathing:
Open the airway
Give 5 inflation breaths
Consider SpO_2 ± ECG monitoring
Consider filter in ventilation circuit

Re-assess
If no increase in heart rate look for chest movement during inflation

If chest not moving:
Recheck head position
Consider 2-person airway control and other airway manoeuvres
Repeat inflation breaths
SpO_2 ± ECG monitoring
Look for a response

If no increase in heart rate look for chest movement

When the chest is moving:
If heart rate is not detectable or very slow
(< 60 min^{-1}) ventilate for 30 seconds

Reassess heart rate
If still < 60 min^{-1} start chest compressions; coordinate with ventilation breaths (ratio 3:1)

Re-assess heart rate every 30 seconds
If heart rate is not detectable or very slow
(< 60 min^{-1}) consider venous access and drugs
Careful consideration of transfer to NNU if required, incubator, adequate PPE for escort, route

Update parents and debrief team

Approach to resuscitation is unchanged with suspected / confirmed COVID-19

Maintain temperature

60 s

Acceptable pre-ductal SpO_2

2 min	60%
3 min	70%
4 min	80%
5 min	85%
10 min	90%

Increase oxygen
(guided by oximetry if available)

AT ALL TIMES ASK:

DO YOU NEED HELP?

08/06/2020