

A team at Imperial College London, the Universities of Oxford, Leicester and Nottingham, Public Health England and the British Association of Perinatal Medicine (BAPM) are rapidly developing a British Paediatric Surveillance Unit (BPSU) study that plans to collect information about **neonatal complications of coronavirus disease (COVID-19)**

The planned *surveillance case definition* for reporting is:

Any baby or infant

1. That has a diagnosis of COVID-19 made on a sample taken before 29 days of age and receives inpatient care for COVID-19 (this includes postnatal ward, neonatal unit, paediatric inpatient wards, PICU)
OR
2. Where the mother had confirmed COVID-19 at the time of birth or suspected COVID-19 at the time of birth that has subsequently been confirmed, and the baby was admitted for neonatal care

Using the BPSU Orange Card system we plan to ask paediatricians and neonatologists to report all cases that meet the above definition, and will follow this up with a questionnaire. Public Health England will also identify positive COVID-19 tests in this group to ensure complete case ascertainment.

We will link identified cases to data held in the National Neonatal Research Database (NNRD), Paediatric Intensive Care Audit Network (PICANet) and Mothers and Babies: Reducing Risk through Audits and Confidential Enquiries across the UK (MBRRACE-UK), and to maternal surveillance undertaken through the United Kingdom Obstetric Surveillance System (UKOSS).

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