COVID-19 - guidance for paediatric services

Health Policy team
This guidance has been prepared to provide health professionals working in paediatrics and child health with advice around the ongoing outbreak of COVID-19. Guidance on this page is applicable to all paediatricians, with advice signposted information for settings specific guidance (community, neonatal and acute). It also links to further information developed by national bodies.

We will update this guidance on a regular basis as new data becomes available. We'll work with others to bring together the best available information. Advice and guidance should be used alongside local operational policies developed by your organisation.

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We are reviewing this content each weekday, and will publish any updated guidance.

To get an email notification of each update, you can log in and select the pink button in the
Preparing for COVID-19

- Understand the current advice from Public Health England (PHE) on which patients should go to hospital, and who should stay at home and advise accordingly.
- Understand the Clinical guide for the management of paediatric patients during the coronavirus pandemic document from the NHS.
- Ensure that staff are familiar with local operational procedures and are appropriately trained. For example:
  - Staff should be aware of the location where possible cases will be isolated and who to contact in their organisation to discuss possible cases.
  - Guidelines on the use of Personal and Protective Equipment (PPE) are changing frequently and health professionals should regularly review updated guidance.
  - Staff involved in assessing or caring for confirmed cases of COVID-19 should be trained in using a respiratory mask and that fit testing has been undertaken before this equipment is used.
  - Staff caring for children with confirmed COVID-19 or undertaking aerosol generating procedures should be trained in the safe donning and removal of PPE.
  - Planning for cohorting should be undertaken as soon as possible to ensure criteria for groups are established. Cohorting should be for established diagnosis.
- NHS Inform in Scotland has information for professionals advising the public.
- There is a child-friendly poster explaining COVID-19, available to download at the bottom of this page, shared with permission and thanks to University Hospitals Southampton NHSFT.
- There are child friendly printable 'hello my name is' badge templates available to download at the bottom of this page. These can be used to indicate the healthcare professionals name and role, making them identifiable while donning PPE.
- RCPCH statement on anti-inflammatory medicines and COVID-19: Experts at the RCPCH have recommended that parents treat symptoms of fever or pain related to COVID-19 with either paracetamol or ibuprofen as there is currently insufficient evidence to establish a link between the use of ibuprofen and contracting or worsening of COVID-19.
- You may need to contact relatives by phone to inform them of the death of an adult patient who was a parent or carer for children. Guidance from the University of Oxford on this topic is available to download at the bottom of this page. It includes advice on how to speak to the relative about informing the patient's children, and preparing for questions that children may have.
- The Palliative Care Team at West Middlesex Hospital has a poster on compassionate phone communication during the COVID-19 outbreak.

Wellbeing and self-care

As a healthcare professional, the COVID-19 outbreak is likely to add to your workload and heighten stress levels. Our Wellbeing Hub features key tips from clinicians, peer support networks and free resources that we hope will help you to look after yourself during this
Occupational health

- Information about workforce, including the vulnerable workforce, is available from our guidance for paediatric staffing and rotas.
- It is important that health professionals do not attend a healthcare setting if there is a risk they could spread COVID-19, in line with current PHE guidelines. This guidance also includes a chart that illustrates how long household contacts need to self-isolate.
- Public Health England has occupational health and staff deployment guidance that includes deployment of staff most at risk from COVID-19.
- There is a range of information and guidance supporting NHS Occupational Health Teams through COVID-19 available from the NHS Health at Work Network.
- Public Health England has guidance on management of exposed healthcare workers and patients in hospital settings including a flow chart describing return to work following a SARS-CoV-2 test.
- All staff should be aware of who to contact within their organisation if they develop COVID-19 compatible symptoms.
- NHS Employers (part of the NHS Confederation) has guidance on supporting the physical and mental wellbeing of staff. This includes guidance on occupational health, staff wellbeing and support, mental wellbeing and fatigue.
- The Scottish Government has guidance for NHS Scotland staff.
- Health professionals should seek advice from occupational health if they are pregnant or concerned that they are vulnerable to COVID-19 - see RCOG guidance on pregnancy. Older people, and people with pre-existing medical conditions (such as asthma, diabetes, heart disease) are more likely to become severely ill with the virus. Recommendations regarding possible adjustment for staff at increased risk are included in this letter from the NHS Chief Executive and Chief Operating Officer (PDF). There is also guidance from NHS employers on supporting vulnerable staff.
- Public Health England has guidance on protecting people who are extremely vulnerable to COVID-19.
- Health Protection Scotland has COVID-19 guidance for Social or Community Care and Residential Settings including occupational exposure.
- The guidance for health professionals in England, Scotland, Wales and Northern Ireland is being reviewed on a regular basis.

'Shielding' advice for children and young people

This guidance provides information on which paediatric patient groups should be advised to 'shield' during the COVID-19 outbreak, to protect those at very high risk of severe illness from coming into contact with the virus. The guidance identifies the most at risk children and young people from the following specialties: gastroenterology, haematology, oncology and respiratory.

The page also provides advice on how to communicate with children and families, including a set of frequently asked questions (FAQs) for parents and carers.

The guidance has been developed in partnership with the British Association of Perinatal Medicine, the British Association for Paediatric Nephrology, the British Paediatric Respiratory
Society, the British Society for Haematology, the British Society for Paediatric Gastroenterology, Hepatology and Nutrition and the Children’s Cancer and Leukaemia Group.

**Tonsillar examination - infection control implications**

**For asymptotically infected children**

This guidance is produced by RCPCH and the British Paediatric Allergy Immunity & Infection Group.

**Context**

Our priority is to keep ourselves and our colleagues safe while maintaining a pragmatic approach, and being mindful that PPE is potentially in limited supply.

While the COVID-19 narrative has focused predominantly on adults, there is growing concern about the role played by asymptomatic children in the spread of infection. Transmission from the upper airway has been raised as a particular concern by ear, nose and throat (ENT) specialists, with viral replication shown to take place in the upper airway as well as the lower airway. This may explain why a number of paediatric and ENT healthcare professionals have developed disease in the absence of exposure to children with currently defined risk factors.

**Clinical recommendations**

- We recommend that the oropharynx of children should only be examined if essential.
- If the throat needs to be examined, personal protective equipment should be worn, irrespective of whether the child has symptoms consistent with COVID-19 or not.

**Suspected tonsillitis in primary care or emergency departments**

- During the COVID-19 pandemic, if a diagnosis of tonsillitis is suspected based on clinical history, the default becomes not examining the throat unless absolutely necessary.
- If using the feverpain scoring system to decide if antibiotics are indicated (validated in children 3 years and older), we suggest that a pragmatic approach is adopted, and automatically starting with a score of 2 in lieu of an examination seems reasonable.
- Antibiotics should be considered in children with a total feverpain score of 4 or 5 (we suggest children with a score of 3 or less receive safety netting advice alone).
- Although this is likely to result in a temporary increase in antibiotic prescribing in children, we feel that this is preferable to healthcare staff being unnecessary exposed to COVID-19. Antibiotics rarely confer a benefit in children under 3 years with tonsillitis and should only be prescribed in exceptional circumstances or if a diagnosis of scarlet fever is strongly considered.
Pregnancy

Information for the vulnerable workforce, including pregnant staff members, is available from the RCPCH COVID-19 guidance for planning paediatric staffing and rotas.

Guidance from the Royal College of Obstetricians, Royal College of Midwives, RCPCH, Public Health England and Health Protection Scotland covers COVID-19 infection and pregnancy, information for pregnant women and their families, and occupational health advice for employers and pregnant women.

Public Health England has guidance on PPE that should be worn on the labour ward (section 8.7). This is adopted by all UK countries.

PHE guidance for households with possible coronavirus infection would indicate that if a mother and baby leave hospital and return to share a home with someone with symptoms of COVID-19 infection they should self-isolate.

The Scottish Government has infant feeding guidance for us by all NHS staff working in maternity, community and Health and Social Care Partnerships during the COVID-19 outbreak. For guidance regarding COVID-19 suspected and positive mothers, see 'Breastfeeding by COVID-19 suspected or confirmed mothers' in the 'Working in neonatal settings' section, below.

Safeguarding, looked after children and vulnerable children processes in England, Wales and Northern Ireland

Preparations

- Throughout these exceptional times, all professionals who look after children and young people, must continue to base their judgments on the best interests of the child or children that they are caring for. This fundamental of good paediatric practice is the constant that must not alter however much the circumstances change around us.
- Paediatricians and other colleagues involved in safeguarding children, looked after children (LAC), adoption, child death and children with special education needs (SEN) work may already be part of, or be drafted back into, providing acute lifesaving medical services or support of those services.
- The result of this will be a reduction in paediatricians and other colleagues’ ability to contribute fully to the multi-agency processes and these problems will be mirrored by workforce and safety issues within partner agencies. We do not yet know whether or when certain statutory processes may be suspended and how long this may last.
- Paediatricians and other colleagues should ensure safeguarding arrangements are considered in the context of an influx of young adults into children’s hospitals and wards. Every reasonable effort should be made to separate different age groups.
- It should be discouraged to admit well children and young people to hospital because this is deemed to be a place of safety, unless no other alternative arrangements can be made.
Key vulnerable children professionals should contribute to the discussions for contingency planning with regard to what will happen when parents, foster carers, connected carers and residential home workers become unwell and can’t look after children in their care.

Key vulnerable children professionals should contribute to discussions for contingency planning with regards to how food and medicines will be supplied to vulnerable children and families in households in self-isolation.

Public Health England has guidance on the provisions being made for vulnerable children and young people.

**Good practice for paediatricians**

- Designated and named professionals, or their equivalents, should meet with colleagues in social care and the police to discuss what the different levels of support may be, which are likely to vary in a step wise manner as local health resources change.
- Only clinically essential face-to-face meetings should occur.
- Telephone or video conferencing facilities should be used wherever possible in place of face-to-face meetings whether they be strategic or for individual case management purposes.
- Telephone or video conferencing may also be utilised when available to carry out consultations with patients and their families when clinically necessary. However, there will still need to be some children assessed face-to-face following appropriate risk assessment.
- Paediatricians should wear correct PPE as per PHE guidance for examining children and in particular for examining the oropharynx. It is recommended that the oropharynx should only be examined if essential and this should be done following risk assessment using the appropriate precautions. You can read our full guidance on tonsillar examination and infection control implications.
- NHSE has requirements on how providers of community services can release capacity to support the COVID-19 preparedness and response. You can read guidance for LAC teams, safeguarding and sexual assault services (PDF). This document advises which services should currently be prioritised.
- CoramBAAF has guidance for the LAC sector on how to respond to the pandemic, including information on the provision of health aspects of fostering and adoption work.
- Public Health England has updated the NHS entitlements: migrant health guide to state that no charge can be made to an overseas visitor for the diagnosis or treatment of COVID-19.
- Consent issues for vulnerable children can be complex. A guide to this by Nottingham Children’s Hospital is available to download at the bottom of the page.
- Children who are shielded, and those that are not, should still attend hospital for essential treatment as recommended by their clinical teams, following risk assessment. The need for this should be discussed with families and young people in a sensitive and reassuring manner. On occasion, non-compliance with treatment recommendations may amount to significant neglect of medical needs and will require discussion with the local safeguarding team, particularly the Named Doctor for Safeguarding Children, and may meet threshold for referral to children’s social care.

During the peak of the pandemic paediatricians and other colleagues may only be able to:

- Treat injured children where there is no option but to admit to hospital. This group of
children are likely to have already presented to emergency departments with fractures, burns and head injuries, etc.

- However, currently there appears to have been less redeployment of staff within vulnerable children’s teams than was originally envisaged, partly due to government direction about prioritisation of these services. Therefore, face to face child protection medical assessments for all referrals as appropriate should go ahead, following risk assessment, in settings with appropriate PPE.

- Attend to the essential health needs of sexually assaulted children, eg supply Post-Exposure Prophylaxis following Sexual Exposure (PEPSE), Hepatitis B vaccine, pregnancy testing and sexually transmitted infections (STI) screening. Where possible this should be via liaison with primary care or other non-hospital services, by developing local risk assessment and care pathways with social care and the police. The Faculty of Forensic and Legal Medicine has guidance on Sexual Assault Referral Centres (SARC) requests for Forensic Medical Examination based on the current situation.

- Provide health based telephone advice to social care and the police about urgent child protection, LAC, adoption, and child death matters. This advice service may be arranged on a rota basis within existing health networks.

- Paediatricians and other colleagues should remain mindful of contextual safeguarding issues. This advice will be based on their best clinical judgement and on resources available at the time.

The Royal College of Nursing, NHS England and the National Network of Designated Healthcare Professionals (NNDHP) are supportive of the above guidance for professionals working in safeguarding and looked after children’s areas of practice. We remind all concerned to ensure they also follow local operational policies developed by their organisation.

**Child protection, looked after children and vulnerable children processes in Scotland**

**Preparations**

- Throughout these exceptional times, all professionals who look after children and young people, must continue to base their judgements on the best interests of the child or children that they are caring for. This fundamental of good paediatric practice is the constant that must not alter, however much the circumstances change around us.

- Paediatric child protection services should be seen as a critical service, that is adequately staffed and rotas maintained. This may mean that fewer child protection doctors cover the rotas in order to allow paediatricians with a range of skills to be deployed to other areas.

- Robust rotas of paediatricians with expertise in child protection need to be available to multi-agency colleagues to ensure medicals can still take place but IRD (initial referral discussion) and case conference is likely to be affected as workload increases and human resource depletes. Face to face medical assessments should proceed, if risk assessed as essential.

- The clinical leadership of the lead paediatrician in child protection should be protected to ensure that clinical and multi-agency staff have appropriate clinical advice, but other strategic roles of this post will not be maintained during this period of crisis.
Paediatricians and other colleagues should ensure safeguarding arrangements are considered in the context of an influx of young adults into children's hospitals and wards. Every reasonable effort should be made to separate different age groups.

It should be discouraged to admit well children and young people to hospital because this is deemed to be a place of safety, unless no other alternative arrangements can be made.

Key vulnerable children professionals should contribute to discussions for contingency planning with regard to what will happen when parents, foster carers, connected carers and residential home workers become unwell and can’t look after children in their care.

Key vulnerable children professionals should contribute to discussions for contingency planning with regards to how food and medicines will be supplied to vulnerable children and families in self-isolation.

Scottish Government has guidance on critical childcare for key workers and supplementary national guidance for child protection during the COVID-19 outbreak.

**Good practice for paediatricians**

- Lead paediatricians for child protection and Paediatricians with a Special Interest in Child Protection, should meet with colleagues in social care and the police to discuss what the different levels of support may be, which are likely to vary in a step wise manner as local health resources change.
- Only clinically essential face-to-face meetings should occur.
- Telephone or video conferencing facilities should be used wherever possible in place of face-to-face meetings, whether they be strategic or for individual case management purposes.
- Telephone or video conferencing may also be utilised when available to carry out consultations with patients and their families when clinically necessary. However, there will still need to be some children assessed face-to-face following appropriate risk-assessment.
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- NHSE has new requirements on how providers of community services can release capacity to support COVID-19 preparedness and response. You can read guidance for LAC teams, safeguarding and sexual assault services (PDF). This document advises which services should currently be prioritised.
- CoramBAAF has guidance for the LAC sector on how to respond to the pandemic, including information on the provision of health aspects of fostering and adoption work.
- NHS Inform has changed its guidance to state that no charge can be made to an overseas visitor for the diagnosis or treatment of COVID-19.
- Children who are shielded, and those that are not, should still attend hospital for essential treatment as recommended by their clinical teams, following risk assessment. The need for this should be discussed with families and young people in a sensitive and reassuring manner. On occasion, non-compliance with treatment recommendations may amount to significant neglect of medical needs and will require discussion with the local safeguarding team, particularly the lead paediatricians for child protection, and may meet threshold for referral to children’s social care.
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- Treat injured children where there is no option but to admit to hospital. This group of children are likely to have already presented to emergency departments with fractures, burns and head injuries etc.
- However, currently there appears to have been less redeployment of staff within vulnerable children’s teams than was originally envisaged, partly due to government direction about prioritisation of these services. Therefore, face to face child protection medical assessments for all referrals as appropriate should go ahead, following risk assessment, in settings with appropriate PPE.
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- Provide health-based telephone advice to social care and the police about urgent child protection, LAC, adoption, and child death matters. This advice service may be arranged on a rota basis within existing networks.
- Paediatricians and other colleagues should remain mindful of contextual safeguarding issues. This advice will be based on their best clinical judgement and on resources available at the time.

We would like to remind all concerned to ensure they also follow local operational polices developed by their organisation.

**Community settings**

Alongside the British Association for Community Child Health (BACCH), we have developed operational and clinical guidance for community settings.

The operational guidance includes minimising potential exposure to COVID-19 for patient and practitioner while keeping patients safe, and the role of community care in supporting the NHS response to COVID-19 (England only). The clinical guidance includes the isolation of children from household members and other health professionals, and how to manage suspected cases in the clinic, educational settings and residential settings and during home visits.
Neonatal settings

Alongside the British Association of Perinatal Medicine (BAPM), we have developed guidance for neonatal settings.

It covers: maternal admissions, neonatal management in labour suite; baby born in good condition; baby requiring additional care; transfer to NNU; management on NNU; transport; PPE required for suspected or confirmed cases being cared for within neonatal services; testing and isolation of infants, and NICU admissions; moving out of isolation; breastfeeding; newborn screening; managing NNU capacity; parents and visitors; discharge and follow up; and staff wellbeing.

Guidance on caring for pregnant women with suspected or confirmed COVID-19 and their babies is published and available from the Royal College of Obstetricians and Gynaecologists website.

Acute and emergency settings

Alongside the Association of Paediatric Emergency Medicine (APEM) and the British Paediatric Allergy, Immunity and Infection Group (BPAIIG), we have developed guidance for paediatric emergency and acute settings.

The guidance includes preparations, good practice tips, infection control, management of suspected cases in ED and as inpatients, plus advice and guidance on critical care scenarios.
Intensive care settings

The Paediatric Intensive Care Society (PICS) is working with the RCPCH, NHS England, the HCID network and other agencies to ensure that members are provided up to date and relevant guidance to support management of critically ill children with COVID-19 infection. The PICS guidance includes:

- Referral and transport of critically ill children with suspected and confirmed COVID-19 infection.
- Flow diagram for the management of critically ill children with suspected and confirmed COVID-19 infection.
- PICS and ICS joint position statement on planning for the pandemic.
- Management of high risk aerosol-generating procedures.
- Checklist for intubation.
- Transport of children with suspected and confirmed COVID-19

NHS England has guidance on management of paediatric patients during the pandemic. This includes actions for team leadership, emergency paediatric surgery and service reconfiguration. The guidance notes that there may be a role for PICU in admitting young adults under 25 years of age.

The Faculty of Intensive Care Medicine, Intensive Care Society, Association of Anaesthetists and Royal College of Anaesthetists have developed a website to provide information, guidance and resources on understanding of and management of COVID-19 for the UK intensive care and anaesthetic community.

Paediatric scenarios

We have developed guidance on care and management for different groups of children as inpatients. It also advises on children with febrile neutropenia.
Isolation plans

We have developed guidance on isolation plans for parent-child combinations, including a single parent and child meeting COVID-19 case definition and isolation plan while waiting for virology results.

Latest updates on this page

Updates in this version (30 April):

- Safeguarding and child protection: Good practice - tonsillar examination advice updated.

Updates in version published 28 April:

- Occupational health: link added to NHS Health at Work Network.

Updates in version 27 April:

- Safeguarding and Child Protection: Information added on child protection medical assessments and safeguarding issues in relation to non-compliance with treatment recommendations

Updates in version 23 April:

- Preparing for COVID-19: 'hello my name is' badge templates added as a download.

If you need to know what updates occurred on days prior to those specified above, contact us on health.policy@rcpch.ac.uk.

To get an email notification of each update, you can log in and select the pink button in the grey box 'Notify me when updated'.

- **1.** Kam KQ, Yung CF, Cui L et al. A Well Infant with Coronavirus Disease 2019 (COVID-19) with High Viral Load. Clin Infect Dis 2020
- **3.** Little P, Hobbs FDR, Moore M et al. Clinical score and rapid antigen detection test to guide antibiotic use for sore throats: randomised controlled trial of PRISM (primary care streptococcal management). 2013; 347: f5806

Downloads

- COVID-19 child friendly poster 472.64 KB
- Nottingham Children's Hospital guide to parental consent 831.38 KB
- University of Oxford - Contacting relatives by phone guidance.PDF 133.54 KB
- Hello my name is - badge templates.PDF 524.48 KB