

Real time reporting and recording of PICANet data on patients with confirmed and suspected COVID-19

PICANet is undertaking real time monitoring of the numbers of patients with confirmed or suspected COVID-19.

Twice weekly on a Monday and Thursday, between midnight and 12 noon send an update to the PICANet team via email: picanet@leeds.ac.uk

To notify:

- a nil return (situation unchanged since the last notification)

or

- complete and attach the PICANet COVID-19 notification Excel workbook to report:

- any new admissions with clinically suspected or confirmed COVID-19 status **and**
- updated test results confirming the outcome of laboratory testing for COVID-19 for patients previously reported as clinically suspected **and**
- second and subsequent testing of patients previously recorded **and**
- the addition of the PICANet Web admission event ID

Please **continue to update the same copy of the unit PICANet COVID-19 notification unit spreadsheet**. If this is not possible contact the PICANet team on picanet@leeds.ac.uk

Recording Admission event data for all confirmed cases of COVID-19

ASAP after the end of the first complete 24 hours (00.00-23.59hrs) following a confirmed positive COVID-19 laboratory test, enter or import a PICANet Web admission event including the following details:

- *Patient details*
- *Ethnicity*
- *Date and time of admission to unit*
- *PIM*
- *Weight*
- *Daily Interventions (PCCMDS) – Basic and Airway and Ventilatory interventions: from date of admission up to and including the first complete 24 hours (00-23.59hrs) post confirmation of a positive COVID-19 positive test result*

and

Complete the PICANet Web admission event COVID-19 customised data collection tab

COVID-19 status

Select from

Confirmed positive without multisystem inflammatory disease

Confirmed positive with multisystem inflammatory disease

- **Within 24 hours of discharge from PICU or death;** or ASAP complete the **PICANet Web admission event** and the **COVID-19 customised data collection** for
 1. Children aged less than 18 years for whom a diagnosis of Covid-19 is confirmed by laboratory diagnosis during or immediately prior to admission to a paediatric intensive care unit (PICU) and
 2. Children who remain COVID-19 clinically suspected or probable after repeated COVID-19 negative laboratory test results and in the presence of no other positive virology and bacteriology results.

This will include children admitted with **multi-system inflammatory syndrome** exclusive of other anti-microbial cause, provisionally called paediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2 (PIMS-TS).
- **Admission event** - please complete the data including all daily interventions, diagnostic and discharge data. Confirm that ethnicity, PIM and weight are completed. Record the **Primary diagnosis for this admission** and at least one other diagnostic code in **Other reasons for this admission** i.e. pneumonia. Where applicable record any **Co-morbidities**.

PIMS-TS

Recording **Admission event data** for children with clinically diagnosed multi-system inflammatory syndrome exclusive of other anti-microbial cause, provisionally called paediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2. PCR testing status for COVID-19 may be positive or negative.

For all cases of clinically diagnosed PIMS -TS **within 24 hours of discharge from PICU or death;** or ASAP complete the **PICANet Web admission event** and the **COVID-19 customised data collection**

- **COVID-19 customised data collection** – collects additional information about the cases described in points 1 and 2 above.

Complete the screening question for COVID-19 status
By selecting from
Suspected or probable without multisystem inflammatory syndrome*¹
Suspected or probable with multisystem inflammatory syndrome*²
Confirmed positive without multisystem inflammatory disease
Confirmed positive with multisystem inflammatory disease

*¹ For these cases please complete the COVID-19 status only, you are not required to complete the additional data on the COVID-19 admission event customised audit tab.

*² Include cases of clinically diagnosed PIMS-TS who have tested negative for SARS-CoV-2

Complete the additional data required. Further details including a copy of the data collection form for local printing and the data definition manual are available to download from the PICANet website on the COVID-19 page
<https://www.picanet.org.uk/covid-19/>

Recording Transport event data for all confirmed cases of COVID-19 - collects additional information about unplanned transport events undertaken by a PIC CTS, when clinicians agree that PIC transport is required. This group of children may be admitted to PICU or to another ward or unit in the destination hospital. Include –

1. Children aged less than 18 years for whom a diagnosis of Covid-19 is confirmed by laboratory diagnosis prior to transport and

2. Children who are COVID-19 suspected or probable

This will include children transported with multi-system inflammatory syndrome exclusive of other anti-microbial cause; provisionally called paediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2 (PIMS-TS).

Complete the PICANet Web transport event COVID-19 customised data collection tab

COVID-19 status

Select from

Suspected or probable without multisystem inflammatory syndrome

Suspected or probable with multisystem inflammatory syndrome

Confirmed positive without multisystem inflammatory disease

Confirmed positive with multisystem inflammatory disease

Further details are available to download from the PICANet website on the COVID-19 page:

Recording of COVID-19 and PIMS-TS for transport events

<https://www.picanet.org.uk/covid-19/>

PICANet Web will continue to receive the core admission, referral and transport event data, please see further information below.

Frequently asked questions

Who to include?

[Should we submit early notification data for confirmed COVID-19 patients and clinically suspected patients, admitted to our unit for isolation only when they are not critically ill?](#)

Yes; please notify and submit all confirmed positive COVID-19 patients and clinically suspected cases admitted to a bed within your PICU, regardless of whether they are critically ill.

[Should we notify the PICANet team of patients undergoing routine screening or mandatory testing, but not otherwise suspected of having COVID-19?](#)

No, please only notify cases clinically suspected of having COVID-19.

Do we notify the PICANet team about an adult patient admitted to PICU?

Please notify all patients aged less than 18 years i.e. up to and including 17 years and 11 months; who are admitted to your PICU or an area designated for paediatric intensive care during the surge period.

Include these patients in the notification/early submission of COVID-19 cases and record a PICANet Web admission event.

A patient aged 20 years has been admitted to the PICU; do I record the patient data?

For patients aged 18 years and over, where the PICU is located in a DGH with an Adult ICU and care of these patients is overseen by the Adult Intensivists; data will be collected for the Case Mix Programme (ICNARC) rather than PICANet. Please contact your local adult intensive care CMP data collection team.

Where the PICU is located in a Children's Hospital and entirely separate from adult services; please include these patients in both the real time monitoring of COVID-19 cases if applicable and for all patients record a PICANet Web admission event. For patients aged 18 years and over completion of PIM data is not required.

For patients aged 18 years and over admitted to a PICU for any reason and who are cared for entirely by Paediatric Intensivists, a PICANet admission event is submitted to PICANet Web. For patients aged 18 years and over completion of PIM data is not required.

The PICU has been redesignated as an Adult ICU following implementation of the surge plan and Adult Intensivists oversee the care of all patients. A patient aged 14 years has been admitted. Do I record this patient admission event on PICANet Web?

For patients aged less than 18 years admitted to this redesignated unit, all data is submitted to the Case Mix Programme (ICNARC). Please contact your local adult intensive care CMP data collection team.

Summary of requirements for submission of real time reporting and admission events to PICANet.

- All real time reporting and admission event data for patients aged less than 18 years admitted to a PICU is submitted to PICANet.
- All admission event data for patients admitted to an Adult ICU is submitted to the CMP (ICNARC).
- For a PICU located in a DGH all real time reporting and admission event data for patients aged less than 18 years and/ or those over 18 years admitted and cared for by Paediatric Intensivists is submitted to PICANet. Admission event data will be routinely recorded for all patients admitted to PICU, for any reason when cared for entirely by Paediatric Intensivists. Data for patients aged 18 years and over, whose care is overseen by Adult Intensivists is submitted to the CMP. For patients aged 18 years and over for whom an admission event is submitted to PICANet Web, completion of PIM data is not required.
- For a PICU located in a Children's Hospital with no access to adult services all real time reporting and admission event data for patients of all ages is submitted to PICANet.
- For a PICU redesignated as an AICU where Adult Intensivists care for all patients, all admission event data is submitted to CMP (ICNARC).

When to submit?

How often do I submit the Excel workbook to PICANet?

Please submit the Excel workbook on a Monday and Thursday between midnight and 12 noon reporting any new cases or test results for patients previously reported. If you add additional information such as updated test results or the PICANet Web admission event ID, please resubmit the Excel workbook.

or

Send a 'nil return' email if you have no new information to report, either by clicking the link on the Excel workbook or by emailing picanet@leeds.ac.uk

Do we submit the Excel workbook or the 'nil return' at the weekends?

No, we require you to send the information twice weekly on a Monday and Thursday between midnight and 12 noon.

The paper notes are in the isolation area with the patient, should we submit the case early without the data from the notes?

Yes, although the NHS (and PICANet) would be very grateful if any solution to obtain this important data can be found ASAP.

[A patient who has previously tested positive has later proven to be a false positive; should we update PICANet?](#)

Yes, please update the Excel workbook and amend the PICANet Admission event customised data collection (COVID-19) tab for the individual patient.

Recording the PICANet WEB Admission event

[How do I complete the diagnostic coding on PICANet Web for a COVID-19 case?](#)

The READ coding directory on PICANet Web includes the code

A795. Coronavirus infection

Y20d1 Confirmed Coronavirus (COVID-19) infection

Y20cf Suspected Coronavirus (COVID-19) infection

An additional customised data collection tab has been added to PICANet Web. Please open the 'tab' labelled COVID-19 and from the drop down list select from one of the following:

- Suspected or probable without multisystem inflammatory syndrome
- Suspected or probable with multisystem inflammatory syndrome
- Confirmed positive without multisystem inflammatory disease
- Confirmed positive with multisystem inflammatory disease

For units who import data please manually complete the COVID-19 tab a.s.a.p. following import.

Other frequently asked questions

[Why are we submitting this data for COVID-19 patients?](#)

PICS and NHS England asked PICANet to establish a system of real-time reporting of clinically suspected and confirmed cases of COVID-19 within PICUs to assist with ongoing monitoring.

If numbers of patients admitted to PICU allow anonymous reporting, PICANet will also publish reports summarising the prevalence and characteristics of confirmed cases within PICUs across the United Kingdom.

[How do I record a case of 'Confirmed or Suspected Coronavirus' on a referral and transport event?](#)

Please complete the COVID-19 tab available for all Transport events undertaken from January 1st 2020.

[Have PICANet amended the date for publication of the forthcoming 2020 Annual Report?](#)

In recognition of the additional pressure placed on units and transport teams at this unprecedented time, PICANet delayed the data freeze of the 2017-2019 dataset to **April 20th 2020**. Cleaning of this dataset is now being undertaken and queries have been returned to organisations; although recognising that completion of this process will depend on local staff availability. Details of the implications for production of the 2020 Annual Report and associated timescales are being agreed with our funders.

[We anticipate that our PICU will become very busy or staff may be moved to other areas, what is the plan regarding ongoing data collection recording for 2020 admission, referral and transport events?](#)

Please continue ongoing submission of data to PICANet Web. During the coronavirus period the monitoring of the PICS Standard for the submission of admission, referral and transport data within 3 months was paused. Monitoring of the standard was resumed on June 12th 2020. PICANet is receiving regular requests for event data relating to activity during the coronavirus period so we hope all organisations can resume/catch up with routine data entry/import as soon as possible.

[We use the paper PICANet data collection forms, can I request a further supply?](#)

Additional copies of the referral, transport and admission event data collection forms can be downloaded for printing/photocopying from the PICANet website:

<https://www.picanet.org.uk/data-collection/>

If you require a supply of printed forms; please email picanet@leeds.ac.uk to discuss.

If you have any additional queries please email: picanet@leeds.ac.uk