PICANet COVID-19/PIMS-TS monthly reporting and recording of custom audit data

PICANet is undertaking monthly monitoring of the numbers of patients with confirmed COVID-19 and/or confirmed PIMS-TS.

On the first Monday of every month 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-PIMS-TS notification Excel workbook to report:

  o   any new admissions with a confirmed positive SARS-Cov-2 (COVID-19) PCR test
  and/or
  children clinically diagnosed with PIMS-TS (who may also have a positive SARS-Cov-2 PCR test or a positive antibody test)
  o   second and subsequent testing of patients previously recorded
  and
  o   recording of the PICANet Web admission event ID

It is essential that you **continue to update the same copy of the unit PICANet COVID-19/PIMS-TS notification form.** If this is not possible contact the PICANet team on picanet@leeds.ac.uk

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

➢ **ASAP after the end of the first complete 24 hours** (00.00-23.59hrs) following a confirmed positive COVID-19 laboratory test, and/or diagnosis of a case of PIMS-TS 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 screening question

COVID-19 status
Select from
Suspected and probable with multisystem inflammatory disease
Confirmed positive without multisystem inflammatory disease
Confirmed positive with multisystem inflammatory disease

*Include all children <u>clinically diagnosed</u> as PIMS-TS. This may be confirmed by the absence of another cause and for many cases by a positive PCR test or antibody test for SARS-Cov-2 (Covid-19). The positive PCR test may be up to several weeks prior to this admission to PICU.

➤ **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 confirmed positive SARS-Cov-2 (COVID-19) is confirmed by laboratory diagnosis during or immediately prior to admission to a paediatric intensive care unit (PICU) and
2. Children who are clinically diagnosed with PIMS-TS (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 all ***Co-morbidities.***

READ diagnostic codes for recording of cases of SARS Cov-2(COVID-19) and PIMS-TS
Y20d1 Coronavirus
X40Yk Systemic Inflammatory Response Syndrome
G7510 Kawasaki- type disease / Kawasaki Syndrome
At manual data entry to PICANet Web units may add descriptive text; for example –
G7510 Coronavirus related PIMS-TS
Y20d1 Coronavirus SARS-Cov-2 or COVID-19

COVID-19 customised data collection – collects additional information about the cases described in points 1 and 2 above.
Complete the COVID-19 status
By selecting from
Suspected or probable with multisystem inflammatory syndrome
Confirmed positive without multisystem inflammatory disease
Confirmed positive with multisystem inflammatory disease

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 PIMS-TS (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 notify details for a child who has a positive rapid antigen test?

A positive rapid antigen test will be followed by a hospital PCR test. Please notify on receipt of a positive SARS-Cov-2 (COVID-19) PCR test.

Should we submit early data for confirmed COVID-19 patients and PIMS-TS patients, admitted to our unit for isolation only when they are not critically ill?

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

Should we notify the PICANet team of patients undergoing screening for suspected COVID-19?

No, please only notify cases who are confirmed positive COVID-19 and those who are clinically diagnosed with PIMS-TS.

Which definition do PICANet apply for a diagnosis of PIMS-TS?

The PICANet Clinical Advisory Group advise that all children who are clinically diagnosed as PIMS-TS should be notified on the weekly real-time reporting and recorded on PICANet Web. PIMS-TS is a **clinical diagnosis** which is then confirmed by the absence of another cause and more recently either a positive PCR or antibody test for SARS-Cov-2 (Covid-19).

If an alternative diagnosis is established, then clinicians should not enter data for these patients as confirmed PIMS-TS.

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 there is no access to the case mix Programme (ICNARC); please include these patients in both the notification/early submission 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.

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Summary of requirements for submission of monthly reporting updates and admission events to PICANet.

- All reporting updates 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 reporting updates 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 the Case mix Programme (ICNARC) all reporting updates 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 reporting updates and admission event data is submitted to CMP (ICNARC).

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When to submit?

How often do I submit the Excel workbook to PICANet?

Please submit the Excel workbook on the first Monday of every month between midnight and 12 noon reporting any new cases or test results for patients previously reported. If you add additional information such as second or third 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' between the first Monday of each month?

No, we require you to send the information on the first Monday of every Month between midnight and 12 noon. If required the sheet may be sent immediately prior to this day i.e Sunday. Dates for 2021: 07/06/2021, 05/07/2021, 02/08/2021, 06/09/2021, 01/11/2021, and 06/12/2021.

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 tested positive for SARS Cov-2(COVID-19) which was 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 and probable with multisystem inflammatory disease
Confirmed positive without multisystem inflammatory disease
Confirmed positive with multisystem inflammatory disease

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

How do I complete the diagnostic coding on PICANet Web for a PIMS-TS case?

The READ coding directory on PICANet Web includes the code

X40Yk Systemic Inflammatory Response Syndrome (SIRS)
G7510 Kawasaki syndrome (the clinical picture which may occur as part of PIMS-TS)

**It is important to also record a diagnosis of SARS-Cov-2 occurring either prior to or during this admission. Include any previous diagnosis of SARS-Cov-2 even if this occurred some weeks prior to the diagnosis of PIMS-TS. And record the date of the positive PCR test prior to admission on the Covid-19 tab.

Other frequently asked questions

Why are we submitting this data for COVID-19 and PIMS-TS patients?

PICS and NHSE asked PICANet to provide a system of real-time reporting of clinically confirmed cases of COVID-19 and PIMS-TS within PICUs to assist with ongoing monitoring.

PICANet have published two reports n COVID-19 confirmed cases admitted to Paediatric Intensive Care: available at https://picanet.org.uk/covid-19/

How do I record a case of 'Confirmed Coronavirus' and 'PIMS-TS' on a transport event?

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

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 admission, referral and transport events?

Please continue ongoing submission of data to PICANet Web. PICANet is receiving regular requests for event data relating to the COVID period so we hope all organisations can continue regular submission of all event data and meet the 'PICS Quality Standards for the Care of Critically Ill Children' which states 'The service should collect and submit Paediatric Intensive Care Audit Network (PICANet) data for submission to PICANet as soon as possible and no later than three months after discharge'.

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/
From July 1st 2021 a PICANet will nolonger supply printed forms.

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