

Paediatric Intensive Care Audit Network

PICANet Web

PICANet are delighted to announce the launch of our new web based system. The 3rd October, 2011 marked the start of the data transfer process from PICANet DE to PICANet Web. Data transfers are taking place on a unit by unit basis. Units are reminded that they need to contact PICANet to agree a date for the transfer to take place.

The new system has some additional features not previously available on PICANet DE:-

- Real time data: Units who previously entered data directly into PICANet DE will no longer need to export to PICANet. As data is entered onto the web system it is received by PICANet centrally.
- There are a number of validation checks running at the same time the data is being entered allowing units to answer queries raised in real time.
- Validation reports can be generated at any time.
- Reports: Over thirty types of admission reports are currently available for units to run: examples include 'Admissions by discharge status and age group' and 'admissions by year month and type.' Units will be able to generate reports using their dataset and also reports looking at aggregated information based on the national datasets.

In order to access PICANet Web users will need to be issued with a username and password. The clinical lead for the PICU or centralised transport service must be contacted for approval to access the system. The clinical lead will forward the applicants name and e-mail address to PICANet in order for an account to be created. Users are reminded that on no account should login information be shared.

Development of PICANet Web will continue. As part of this process PICANet welcome any comments or suggestions please e-mail picanet@leeds.ac.uk

PICANet Referral & Transport Data

The launch of PICANet Web coincides with the launch of the data collection for the referral and transport datasets. As with admissions data, the data will be collected via PICANet Web. At the moment PICANet are concentrating on the data transfer of unit data and are prioritising this process first. Units and centralised transport services will be contacted with an agreed date for the initiation of the data collection for the additional datasets. Data definitions manual, forms and other documentation will be circulated to all units and centralised transport services soon.

PICANet Annual Report 2011

The report will be published on the 10th October. Each unit will receive a hard copy; extra copies will be available by download from the PICANet website. The format of the report has been revised this year to reduce the amount of paper. All tables previously included in the report will be available for download on the PICANet website.

Lactate joins PIM2

The launch of PICANet Web also marks the addition of the lactate variable to our standard data. It is recognised that a high plasma lactate concentration is a predictor of mortality in PICU and elsewhere. Although not currently used to calculate PIM2 PICANet are working with colleagues in France and Australia as well as the United Kingdom to investigate its possible role in the future.

Definition: *The first blood lactate value measured and recorded from the arterial, capillary or venous blood gas within the period from the time of first face-to-face contact with the paediatric intensive care service to one hour after admission to the paediatric intensive care unit.*

	ARTERIAL	CAPILLARY	VENOUS
Name of Variable	Which blood gas result can be used for which PIM/PIM2 Variable?		
PaO ₂	✓	✗	✗
FiO ₂	✓	✗	✗
Base Excess	✓	✓	✗
Lactate	✓	✓	✓

PICU Families Group Lay Representatives

PICANet are currently advertising for lay representatives to join the Paediatric Intensive Care families group. Further information can be found on the PICANet website [click here](#).

Staffing Survey November 2011

PICU Staffing Study 2011 – A study of occupancy & nursing and medical staffing provision

The annual staffing study facilitates the monitoring and analysing of staffing levels within PICUs. All units will be asked to collect data during the week commencing November 14th 2011. Information is being collected on the nursing and medical establishment, other professionals working on PICU, and also details of staffing levels at four specific 'snapshot' time periods.

Data collection forms will be sent to the PICANet clinical lead and the senior nurse in all PICUs two weeks prior to this date.

The 2010 staffing survey saw 100% return and it would be wonderful to repeat this success for 2011.

DATES for your Diary

PICANet Clinical Advisory Group Meeting
26th October, 2011, Leicester

22nd ESPNIC Medical and Nursing Annual Congress 2011
2-5th November 2011 Hannover

PICANet Steering Group Meeting
16th November 2011, London



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