

Ref no: 290180917
From: Other
Date: 28/09/17
Subject: Electronic observation system

REQUEST

Our trust is in the process of planning deployment of an electronic observation system (VitalPAC) into Paediatric inpatient area. I wondered, as you have experience in this, if you could possibly answer some of my questions below..

- Which paediatric electronic observation system does your trust use?
- Which paediatric observation chart/scoring system do you use (i.e PAWS/PEWS/POP etc..)?
- Do you record any other electronic observations or scores that are not included in observation chart?
- How long did it take you to deploy the electronic observation system into Paediatrics?
- What sort of resource did you need/use for deployment? Did you find the resource you had adequate?
- What area of paediatrics have you deployed to (i.e ED/inpatient area/outpatient)?
- How do the staff find the system to use?
- Did you encounter any resistance (for example, from clinical staff)?
- Have you found that the system benefits clinical staff by saving time, preventing obs been missed etc?
- Have you noted any earlier identification in deterioration paed patients? ..Consequently the patient being seen quicker?
- What were the risks that you identified?
 - If any, how did you mitigate these risks?
- Would you mind sending a SOP or any trust documentation that you have in relation to Paediatric electronic observations please.
- What sort of reporting are you able to extract from your electronic observation system?

RESPONSE

- Which paediatric electronic observation system does your trust use?

Paediatric Early Warning Score

- Which paediatric observation chart/scoring system do you use (i.e PAWS/PEWS/POP etc..)?

PEWs

- Do you record any other electronic observations or scores that are not included in observation chart?

No

- How long did it take you to deploy the electronic observation system into Paediatrics?

Project commenced June 17 and went live August 17.

- What sort of resource did you need/use for deployment? Did you find the resource you had adequate?

Support from Nursing and Clinical lead in paediatrics, IT department, staff input into development of system, staff training, identification of key trainers and cascading of training, iPads to records observations. Resources were adequate.

- What area of paediatrics have you deployed to (i.e ED/inpatient area/outpatient)?

Paediatric inpatient wards and Paediatric Emergency Department.

- How do the staff find the system to use?

Staff find the system easy to use.

- Did you encounter any resistance (for example, from clinical staff)?

No

- Have you found that the system benefits clinical staff by saving time, preventing obs been missed etc?

Yes

- Have you noted any earlier identification in deterioration paed patients?
..Consequently the patient being seen quicker?

Paper PEWs system was in place on wards prior to implementation of electronic system so practice of escalation due to scoring on PEWs was already embedded on wards.

- What were the risks that you identified?

Observations cannot be recorded on PEWs until patients are admitted onto ADT system.

Oxygen saturation, temperature and blood pressure do not form part of the score.

- If any, how did you mitigate these risks?
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Observations recorded in health records on admission and transferred onto system as soon as admitted electronically.

If there was any delay due to system failure paper copy would be used.

Any issues due to oxygen saturation, temperature or blood pressure would be escalated appropriately to medical staff and clinical judgement continues to be used by all nursing and medical staff. PEWs is not used as a sole tool to assess patients.

- Would you mind sending a SOP or any trust documentation that you have in relation to Paediatric electronic observations please.



PEWS SOP
DECEMBER 2015 (V2)

- What sort of reporting are you able to extract from your electronic observation system?

Observations are automatically available on EDMS.