**Data Clinic: initial meeting notes 19.10.2021**

**Present**:

Ronnie Pete

Tim Nancy

Dan Conor

**Audit/QIP:** Pain and Delirium QIP

**Lead**: Ronnie Marsh

**Summary of audit aims:**

Aim:

Improve how we manage pain in ICU

Strategy:

Measure current practices

Assess against local guidelines

Questions:

Do we measure pain appropriately

Do we monitor appropriately

Do we respond appropriately

**Relevant background**:

Fig 1. Gold standard for measurement and monitoringGraphical user interface

Description automatically generated

Fig 2. Gold standard for response to pain

Diagram, text

Description automatically generated

**Agreed audit questions we will try to provide data for**:

**Inclusion criteria:**

7 days' admissions

00:00 18 October to 25 October 23:59

T3/T6/PACU/GWB/WMS (not Queen's Sq)

**Q1: Are pain scores recorded?**

Source: flowsheets. This does not include other sources of data e.g. nursing notes, medication administration notes, etc.

Outputs:

i. binary yes/no

ii. type of score

iii. time and date for each

iv. frequency can be inferred from above

v. was this the *correct*score to use – difficult to answer with a data pull (open to interpretation, and no good way to identify whether correct in Epic). What we can provide are three surrogates

a. was the scoring system consistent

b. what is their airway status

c. RASS score

**Q2a: Are we acting appropriately in response to pain? See guideline:**

Source: flowsheets, MAR

Outputs:

If pain was mild/moderate/severe then:

i. was an intervention recorded in flowsheet box

ii. was analgesia given – very thorny question, see below

iii. time analgesia was given

**Q2b: 'Was analgesia given?'**

**​**Analgesia should be given according to guideline above.

Methods of analgesia delivery:

Regular meds – does this count? Yes

Infusion – does this count? Only if changed

PCA – does this count? Only if changed? What if more was bolused?

Bolus infusion – is this recorded?

PRN – unambigious

Definition of analgesia

Epic records class or subclass of drug – is this good enough

Timing of analgesia delivery:

Mild – should be given within 4 hours of score recording

Mod/severe – 30 mins before or 60 mins after time of score recording

**Next steps**

1. Dan and Conor will meet with David 28.10 to discuss data request
2. We will then give timeline for data retrieval and discuss next meetings