Worked Example 2

Hospital and Health Board/Trust Arrangement

NHS Fife is a health board in South East Scotland. It has one anaesthetic department but operates over two different hospitals.

In this example, I am going to be site lead for NHS Fife. This department has:

The Victoria Hospital Kirkaldy (VHK)
- Two physically separate theatre suits
- An Emergency Department
- An ITU

Dunfermline Hospital
- One theatre suite
- An ECT room

As site lead for NHS Fife, I put together a team to help me interrogate all of the CO_2 waveforms. We must now define the areas within our hospital(s) for data collection.

For this department, we have identified:

1. VHK Main theatre anaesthetic rooms
2. VHK Main theatre theatre rooms
3. VHK Main recovery
4. VHK Ortho theatres anaesthetic rooms
5. VHK Orthopaedic theatres theatre rooms
6. VHK Orthopaedic recovery
7. VHK Main ICU
8. VHK Emergency department
9. Dunfermline Theatre anaesthetic rooms
10. Dunfermline Theatre theatre rooms
11. Dunfermline Main recovery
12. Dunfermline ECT Suite
13. VHK Transfer equipment

> **A note on clinical areas:**
> A clinical area is defined by you and your team within your hospital. These will be specific areas that are for a similar purpose (eg all anaesthetic rooms in your theatre suite or all bed spaces in your ITU). If you have two different ITUs, it will be up to you whether to group them as one area called ITU or two different areas (eg main ITU and cardiac ITU) depending on how different you think they are. Here, VHK main recovery is one area, but there are two distinct rooms where patients are recovered (recovery 1 and recovery 2). It would be rare for each individual anaesthetic room or ITU bedspace to be its own area, but that might be appropriate in some situations. The Dunfermline ECT room, for example, is for a distinct purpose and is different from the theatres and anaesthetic rooms. It only has one machine and one CO_2 trace. That is ok.
>
> If your department is run over more than one hospital, as in this example, then you will need different areas for each hospital. **An area cannot span two hospitals.** Similarly, if you have two theatre suites, as in this example (ortho and main in VHK), we expect these would be different "areas".

We will need to submit 13 copies of the main data collection form. For each of the areas, we will interrogate all of the machines/workspaces.

We cannot merge the theatre suits into one area as:

1. They have their own distinct purpose
2. More importantly, some are in a different hospital. **Areas cannot span two hospital sites.**

Worked example for one area

As an example for Dunfermline main theatres anaesthetic rooms, we found:

1. A total of 8 machines
2. 8 machines where the CO_2 was a blue area waveform at the bottom of the screen
3. 0 machines where another waveform on the screen was the same format as the CO_2 trace.
4. The equipment we found was: 8 Drager Primus machines.

On the following pages is an example of how I will fill out the form with this information. The codes for the description of the waveforms are explained in the SOP Document.

My team and I will repeat this exercise for each area that we have identified and submit **a form for each area**.

CAVAuk Area Form

Form to fill for each area in your department.

Area Location and Type

1. Trust or Health Board

NHS Fife

2. Hospital Site

Dunfermline Hospital

3. Area Name

Main Theatres Anaesthetic Rooms

4. Clinical Area Type 📝

Anaesthetic Room ⌄

Next

CAVAuk Area Form

Capnography Used

Where two variants are used at the same station please use the ventilator display as Variant 1 and duplication should then be logged in the screen du

5. Variant 1: (e.g 32 RAB)

8BAB

6. Variant 2: (e.g. 21 CLT or N/A)

N/A

7. Variant 3: (e.g. 5 GrAM or N/A)

N/A

8. Other Variants: (please state numbers of machines and waveform code or NA)

N/A

9. How many machines display waveforms identical in morphology to the CO_2 waveform? (e.g Pressure/ Volume/Agent) (none = 0)

0

CAVAuk Area Form

Capnography Display Equipment Log

To better understand the hardware and software limitations across the UK please include the names SALG standard.

10. Capnography Display Equipment and numbers used (e.g.) 12DraegerPrimus

8DraegerPrimus

Back   Submit