

VW3

This is participant VW3. So the first question is how were you feeling when you prepared that dose?

I was a little bit panicked because I was conscious that I wasn't very clear on how to do it so I kept re-reading the screen just because I was trying to get it straight in my head to make sense of the wordings. So yeah I felt a bit a bit stressed and a bit under pressure.

Was there anything else that made you feel under pressure?

Umm well the fact that obviously someone was stood here and the fact that I couldn't go and check with somebody else but it was mainly the instructions not being clear.

You told me something interesting just now about if you had been able to check with someone else what would you have done, perhaps you could just go through that again?

Yeah if I had been able to go and get someone else I would have worked out the calculation of how to get the milligrams per ml correctly, because I know I know how to do it I just I would have sat with someone and just made sure that we both got the same calculation.

Ok and then just for a bit of background, so how long have you been working so far today?

Since 7:30am this morning and now it's 16:30 so 9 hours.

Yep when you were making the dose, were you conscious of any distractions?

Yeah so I've got a student nurse with me at the moment so I get interrupted when she just wants to double check something and then we're in a busy environment and often people want to check about patients and surrounding area and stuff like that so yeah there is always interruptions.

Ok. So as we mentioned just now, you put it in a bag of 50mls would have ideally been in 100mls so can you talk me through the steps in your thinking when you were leading up to deciding to put it in 50mls?

I think I tried quickly to work out with the instructions what bag it should go in, in the dilution section so make sure you've got up to 5mgs in 1ml. And what I did I think is I used I think I got confused with the 40mgs in 1ml here, and I think I did a quick calculation on the calculator but I was thinking of the 40mgs that's why I ended up in 50mls. I wasn't actually cause it doesn't say anything about if your dose is this or if your dose is that, that didn't go in my mind I got distracted by the other information and that's why I ended up in a 50ml bag.

So possibly doing the right calculation but with the wrong numbers?

Yeah I did actually.

So at the point when you made the dose you were intending to put it in 50mls but it was a wrong decision before that?

Yeah.

Ok so we've talked a little bit about it but can you think of any other reasons why that mistake happened?

Umm I think it was mainly a sort of a bit of a panic sort of judgement thing where I was conscious. I think it was really niggling me that it wasn't right something was just I was panicking because I was thinking of time and getting and I just wanted to sort of complete it and not take too long and so I think I then made myself step ahead when I should have just stopped and thought about it a bit more, which is actually like real life as well that's not even though this is a study that happens in real when you're stood there making something you often get something distracts you and then you aren't able to have that time.

Very human thing isn't it.

Yeah.

Sure. Is there any cause related to the information that you can think of?

It's definitely this displacement value at the top that throws you at the beginning because when it says take into account with 9.5mls of water I couldn't decide whether that meant actually use 9.5mls or bearing in mind there is 0.5mls is going to be displaced, does that mean you put 10mls in I was like I didn't know whether that was actually 10mls all together or 9.5mls on its own so that wording at the top was a bit of a confusion for me I think that's where the initial confusion came.

And then when you got down to the instructions for dilution and it talks about this concentration range, what?

We're very used to having an amount put in front of us, especially in intensive care we've got our own dilution guides and it says put me in 50ml, put me in 100ml, depending on the gram or milligrams so I think just having to be faced with having to work it out it made me sort of go 'oh hang on a minute I don't do this very often' and if you don't do something very often then you haven't always had the skill to hand straight away.

So last question then, possibly obvious from what you have been saying but what changes could we make to prevent that from happening?

I think you have to state what bags it goes in depending on dose so for example if this is a 50mg dose up to a gram it should then go in this size bag etc etc. I think that has to be really clear, because when you are in a hurry and you look at the instructions you just want to see a bag that you need to grab and I think that would be important. And again just being clear with how much water for injections. A lot of the time we don't need all the science we don't need to know that it displaces you know you just need to know how much water to use. I think as a nurse, doctors might find that more interesting but I think we just want to be given the specific millilitres.

Ok good unless you've got anything else to say, we'll finish there.

No.

Great thank you very much.