

Safer Practice Notice

Date: July 27, 2018

Topic: Sapphire Programming of Interval Dosing

Situation:

There have been multiple events occurring over the last year related to Sapphire pump programming which have resulted in the administration of medications at the wrong time, wrong dose and resulting in missed dose in Home Care.

Background:

- Sapphire pumps are ambulatory infusion pumps that deliver medication to patients/clients in several care settings in Health PEI. The pump is used to deliver medication while allowing the patient/client to be mobile.

Assessment:

- Sapphire pumps do **NOT** offer the programmer the ability to review all entered data prior to administering the medication if the programmer requires the use of “start with delay”
- Reviewing the entered data is referred to as completing a “**double check**”; in these events identified – double checks of the programmed data was not completed due to the “start with delay” locking out the programmers option to “view/edit”
- Once a programmer has entered the data into the pump and hits the “start with delay” do **NOT** press the “start” button as it will over-ride the delay and begin immediate infusion of medication.

Recommendation:

- The Home Care/Palliative Care Ambulatory Infusion Working Group is recommending that Home Care and Palliative Care evaluate their programming procedures and incorporate the use of double checks into the policy, if not already present.
- **Programming Recommendations:**
- A double check of manual entry will be completed in the client’s home. The RN will program the pump, step away from the pump and perform another task. The double check of the program will be completed prior to administering the infusion when the pump screen is showing “confirm” in the top left corner.
- Once programming is running with “set delay”, confirm the dose time to administer is correct.

For more information please contact:

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