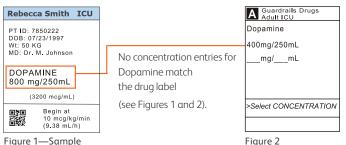
Programming an infusion with a custom concentration entry

BD Alaris[™] System

Your hospital may choose to have a medication with an unspecified concentration entry (e.g., _ _ _mg/_ _ mL) in your drug library. In this situation, the user must manually enter the DRUG AMOUNT and DILUENT VOLUME. This is called a custom concentration.

Step 1: After selecting a medication, select the concentration

Custom concentration should only be used when the medication label does not match any of the drug concentration selections on the programming screen.





The custom concentration entry "__mg/__ml" must be selected to manually enter the ordered concentration (see Figure 3).

Figure 1—Sample drug label

Figure 3

Step 2: Enter the DRUG AMOUNT and DILUENT VOLUME. Then confirm the concentration on the display matches the medication label.





Concentration is calculated from the entry of the **DRUG AMOUNT** and **DILUENT VOLUME** (see Figures 4 and 5).

Concentration

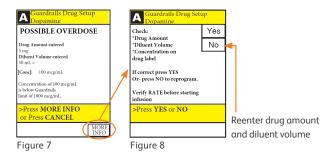
Note: The DRUG AMOUNT is not the DOSE. The DOSE is entered on the next screen (see Figure 6).



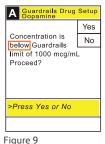
Figure 6

WARNING: If an error is made when entering **DRUG AMOUNT** or **DILUENT VOLUME**, it may result in an over- or under-infusion. If a lower concentration is entered in error, this may result in a **higher** than intended delivery (over-infusion).

Example of concentration Guardrails™ Software alert for firmware version 12.1.2:



Example of a concentration Guardrails™ Software alert for firmware versions prior to 12.1.2:



If a concentration Guardrails™ Safety Software alert is encountered during programming, to

alert is encountered during programming, to ensure accuracy, select No and check that the following parameters match the drug label (see Figure 9):

- DRUG AMOUNT
- DILUENT VOLUME
- [Conc] (concentration)

For product support, contact Customer Advocacy at 888.812.3266 or customerfeedback@bd.com

For technical support, contact our Technical Support Center at 866.488.1408.

For product orders, contact Customer Order Management at 800.482.4822.

[] For complete instructions, refer to the BD Alaris™ System User Manual at bd.com

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