



Patient Safety Alert

Status

- Active
- Updated
- Resolved

Zone Application

- Provincial
- North
- Edmonton
- Central
- Calgary
- South

Effective

17 May 2016-
15 June 2016

For Action By:

- Anesthesia
- Critical Care
- Emergency Departments
- ICU
- Pharmacy
- Clinical Engineering

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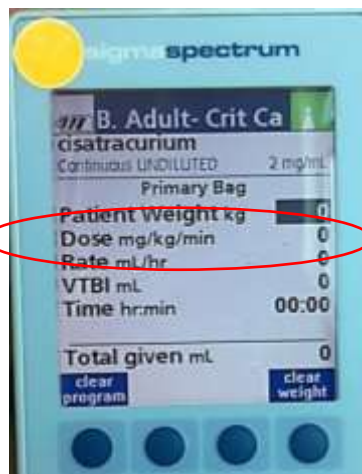


Cisatracurium – Potential for 1000 fold error when using the Adult Critical Care Drug Library in BAXTER SIGMA SPECTRUM PUMPS

Issue:

Cisatracurium 2 mg/mL – continuous undiluted infusion is denoted in **mcg/kg/min** in order sets, monographs and Sunrise Clinical Manager in Calgary Zone.

The Baxter Sigma Spectrum Pump adult critical care drug library is programmed in **mg/kg/min**.



There is a risk of a 1000 fold error if the existing drug library entry is used.

Do not use the existing drug library entry for cisatracurium 2 mg/mL - continuous undiluted infusion.

Infuse the drug using the **BASIC mode** until the drug library is updated.

For Immediate Action:

- Infuse cisatracurium 2 mg/mL continuous undiluted infusions using **BASIC mode**.
- **Do not use** the existing drug library entry for cisatracurium 2 mg/mL – continuous undiluted infusion.
- An urgent update to the Baxter Sigma Spectrum Pump library is planned, please update the drug library when prompted to do so by the Sigma Pump:
 - Calgary Zone Clinical Engineering can upload the changes wirelessly. Look for the updated library - **CalZone 17May16 LIVE v6**
 - North Zone Clinical Engineering will need to make manual changes to the library. Look for the updated library - **NthZone 17May16 LIVE v2**

Follow-up required by May 30 2016:

Clinical Engineering Site Leads will respond to a survey indicating that the pump programming changes have been accepted after the wireless upgrade or changes have been manually completed

<https://survey.albertahealthservices.ca/TakeSurvey.aspx?SurveyID=965K6n16>