

# Small Volume SMART Pump

## For Pediatrics

### Introducing

The SK SMART Pump Program is pleased to announce that we will be integrating a small volume syringe infusion SMART pump into all areas that care for pediatric or neonatal patients, within the province.

### New Pump: Medfusion 4000

The Medfusion 4000 has the capacity to safely infuse smaller volumes as with greater accuracy for the child. It includes Drug Error Reduction Software (DERS) and will provide a drug library, to help support safer infusion practices in our pediatric population. When the Medfusion 4000 is used properly, medication errors and risk of harm to our patients will be reduced.



### Monograph Updates

The SK SMART Pump Program is in the process of updating the provincial Parenteral Manual. This manual provides practitioners guidance on safe administration of medications. With the implementation of the Medfusion 4000, the monographs have been updated to reflect pediatric and neonatal information.

### Important to Note

- *Departments will be expected to utilize the Medfusion 4000 once implemented to provide safer patient care with the safety systems embedded in the new pumps.*
- Staff will be required to access and utilize the SK SMART Pump Parenteral Manual for all medication administration. Once the entire province has rolled the new MedFusion 4000 pumps out, the Sask Kids Pediatric Parenteral Drug Manual will be removed from service and there will no longer be separate Adult and Pediatric drug monographs.

### When

- **JPCH November 1, 2021**
- **Regina mid-November 2021**
- **Prince Albert late-November 2021**
- **Remainder of province early 2022**

### Training

Training is required prior to using the new small volume SMART pump (about 90 minutes online training and 30 minutes in person). Training in your site will begin approximately one month prior to go live.

### Questions

Please contact the SK SMART Pump Program at 306-766-3572 or

[SaskSmartPumpRegina@saskhealthauthority.ca](mailto:SaskSmartPumpRegina@saskhealthauthority.ca)



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CS-UN-0004 October 2021