

Clinical Orientation

Infusion Management

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Objectives

- Review process in Smart Pump Programming and Infusion Management Workflows.
- Promote understanding of documentation and importance of signing off volumes in iAware®.
- List clinical units and fluids that are in scope and out of scope for Infusion Management functionality.

Key Point

- Dosing weights are required and must be documented in the electronic record for Infusion Management functionality.
- The dosing weight must be the same in the infusion pump as the electronic health record.

External Links

Please view the following links prior to your clinical arrival:

- [Infusion Management and Smart Pump Programming Overview](#) 1:21
- [Starting a Primary Infusion - Smart Pump Programming Nurse](#) 1:18
- [Starting an IV Piggyback - Infusion Suite Nurse](#) 1:22
- [Manually Associating a Pump - Infusion Suite Nurse](#) 1:06

Remember to click secondary on the pump to verify the secondary rate and volume



iAware®

- iAware® allows for accurate, concise, and real-time volumes of IV infusions.
- It provides a rolling 12 hours of information received from the Alaris pump.
- Nurse must validate data and sign off in iAware® to save intake volumes to the EMR.

Dose Weight: 98kg (8/28/2019 00:30)

Actual Weight: 98 (8/28/2019 00:30)

Allergies: Seasonale

Infusion Documentation

Infusions Graph (12 hr)

Patient Device Association

Items

17:14

17:00

16:00

15:00

14:48

14:47

14:32

14:23

14:00

13:00

12:00

11:00

10:00

09:00

Vital Signs

HR

68

104

75

RR

20

29

24

SBP/DBP Cuff

110 / 60

130 / 80

140 / 80

MAP Cuff

SpO2

98

98

98

Intake

Intake Total

mL

50

Continuous Infusions

DOPamine IV additiv...

mcg/kg/min

1.6327

1.6327

1.6327

1.6327

1.6327

1.63

Rate

mL/hr

3

3

3

3

3

3

Vol Infused

mL

3

3

0.57

DOPamine IV additiv...

Rate

mL/hr

Vol Infused

mL

DOPamine IV additiv...

Rate

mL/hr

Vol Infused

mL

normal saline drip 1,0...

mL/hr

100

100

100

100

100

100

Vol Infused

mL

100

100

45.86

Out of Scope

Basic Information:

Medications and/or infusions and nursing units that will not be utilizing Infusion Management functionality are termed 'Out of Scope'.

Units that use 'Out of Scope':

OR

Endoscopy

Interventional
Radiology

Dialysis

Cardiac Cath Lab

Pre-Op Holding Area

Examples of medications and/or IV solutions that are 'Out of Scope':

Epidurals

PCA Pumps

Blood Products

Patient Device Disassociation

- Importance of Disassociation
 - Device left associated to a patient no longer physically attached to it, could result in data flow into the wrong patient.
- When to Disassociate
 - Patient disconnected from device
 - Tubing off of the pump
 - Transfer to out of scope area
 - Patient Discharge

References

Cerner Wiki (2020). *Infusion management and smart pump programming overview.*

<https://wiki.cerner.com/display/LLStandardLibrary/CareAware+Infusion+Suite>

Cerner Wiki (2020). *Starting a primary infusion-smart pump programming nurse.*

<https://wiki.cerner.com/display/LLStandardLibrary/Starting+a+Primary+Infusion+-+Smart+Pump+Programming+Nurse>

Cerner Wiki (2020). *Starting an IV piggyback-infusion suite nurse.*

<https://wiki.cerner.com/display/LLStandardLibrary/Starting+an+IV+Piggyback+-+Infusion+Suite+Nurse>

Cerner Wiki (2020). *Manually associating a pump-infusion suite nurse.*

<https://wiki.cerner.com/display/LLStandardLibrary/Manually+Associating+a+Pump+-+Infusion+Suite+Nurse>