

MEDITECH'S

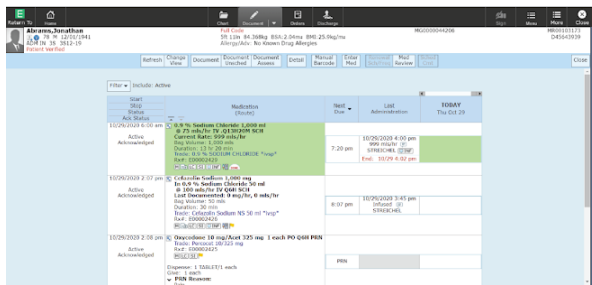
Smart Pump Infusion Integration



Solutions for Smart Pump Infusion Management

MEDITECH's bidirectional smart pump infusion integration puts patient safety at the forefront, enabling organizations to verify the correct patients, medications, and pump channels for infusions via barcode scanning while supporting accurate and timely infusion documentation. This interoperability safely sends MEDITECH data to the smart pump and infusion status data from the pump back to MEDITECH's EHR to:

- Verify patient, medication, and primary/secondary pump or channel in use via barcode scanning.
- Enhance patient safety by automatically validating pump parameters match MEDITECH Rx order.
- Reduce redundant documentation, manual keystrokes, and infusion-related medication errors.
- Provide care teams with clinical decision support to generate discrepancy warnings and improve workflow.
- Use smart pump built-in safety features (e.g., drug libraries and dose-error reduction systems).
- Save infusion data (e.g., IV Intake, rate, rate changes, pauses, start and stop time) to the patient's EHR.
- Increase accurate billing with precise capture of start and stop times for revenue-lift opportunities.



Medication/Fluid, Order Data,
Patient, Provider Order Details

Infusion Activity,
Infusion Variations



(The image above depicts a sample of data exchange between MEDITECH Expanse and a third-party Smart Pump.)

Data Exchange

Outbound from MEDITECH: Medications/Fluid, Order Data, Scan of Patient, Provider Order Details.

Inbound to MEDITECH: Infusion Activity, Variations (Primary/Secondary Infusions, Rate Changes, Bolus).

Integrated Access: Data flows continuously between systems, providing immediate access to caregivers within the electronic MAR, IV flowsheet, and Specialty Care Flowsheets of all infusion activity details.

Learn More

For more information regarding deployment of these smart pump interfaces, pricing, and product details, please contact your MEDITECH marketing consultant at: (781) 821-3000.

MEDITECH

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