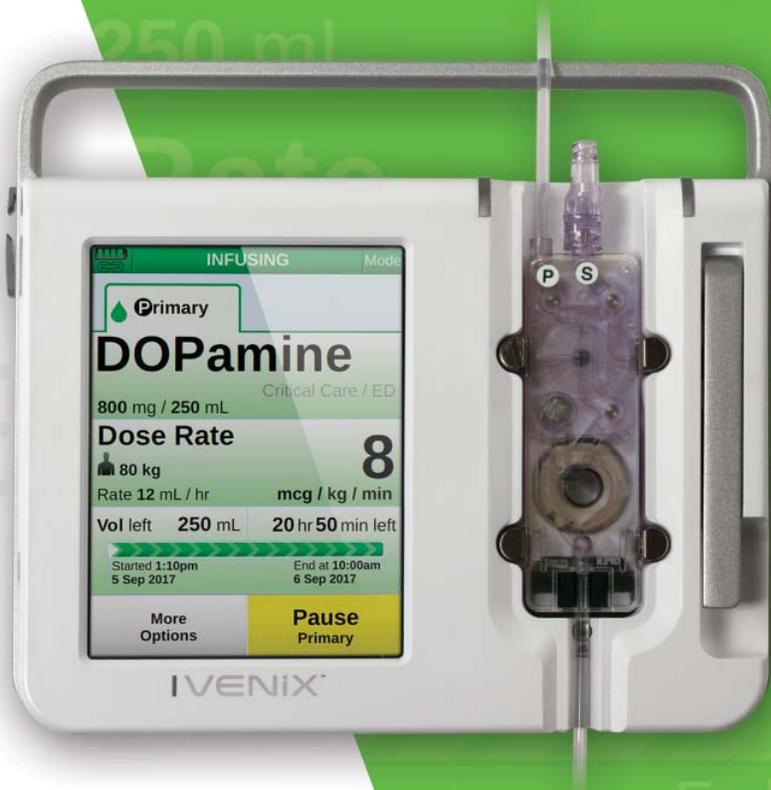


# Ivenix Infusion System

# DOPamine

A NEW ERA OF INFUSION DELIVERY



8

mcg / kg / min

50 min left

End at 10:00am  
6 Sep 2017

Pause  
Primary

# Innovation is Fundamental, Not Incidental, in Today's Digital Healthcare Environment

Over 90% of hospitalized patients receive infusion therapy<sup>2</sup> – yet today's smart pumps continue to rely on technology developed more than a decade ago. They were not designed for today's clinical workflow and digital healthcare environment and continue to place patients at risk. As recently as 2017, the ECRI Institute named infusion errors its #1 Healthcare Technology Hazard. Infusion-related adverse drug events are estimated to add more than \$2B in U.S. healthcare costs annually.<sup>1</sup>

Incremental improvements to legacy infusion systems cannot address issues such as complexity of infusion setup and management, inconsistent fluid delivery, and challenges with integration. To bring about the change that is needed to improve patient safety, clinician efficiency, and seamless interoperability, innovation is needed to advance infusion delivery.



Infusion related adverse drug effects cost **\$2 billion** annually in the U.S. alone<sup>1</sup>



**90%** of patients receive IV therapy during a hospital stay<sup>2</sup>



Infusion related errors are associated with **54%** of all adverse drug events<sup>3</sup>

1. Institute of Medicine. Preventing Medication Errors: Quality Chasm Series. Washington DC: National Academies Press, 2007. Metrics provided in 2006 dollars.  
2. Eskew JA, Jacobi J, Buss WE, et al. Using innovative technologies to new safety standards for the infusion of intravenous medications. Hosp Pharm.2002;37:1179-1189.  
3. Kaushal R, Bates DW, Landrigan C, et al. Medication errors and adverse drug events in pediatric inpatients. JAMA. 2001;285(16):2114–20.

# Meet the Ivenix Infusion System

Moving beyond a smart pump to an infusion delivery system that integrates into and broadly supports a hospital's medication safety program. A large volume infusion pump supported by a management system specifically designed to simplify every step of infusion delivery, help to eliminate unnecessary work, and enable the system to inform decisions.



## Patient-Centered Design

Designed to dramatically improve system usability, infusion set-up efficiency and programming ease to help reduce the potential for medication errors.

*Patients benefit when clinicians spend less time troubleshooting pumps or resolving nuisance alarms.*



## Integrated, Data Driven Insights

Enabled by an advanced IT platform that securely manages the patient's infusion data and provides reliable interoperability with the EMR and other hospital information systems.

*Connecting clinicians with patient-specific knowledge to be better informed, and make better decisions, when at the bedside.*



## Adaptive Fluid Delivery

Designed to deliver infusions accurately and consistently under all operating conditions, regardless of the bag height, backpressure and fluid viscosity.

*Reducing clinical variability to help improve patient outcomes.*



The Ivenix Infusion System is re-engineered from the ground up to leverage the power of the digital age, enhance patient safety and fundamentally transform infusion delivery.

# Ivenix Large Volume Infusion Pump

Bringing the power of intuitive usability, adaptive fluid delivery, and infusion intelligence to the bedside.



Automatic drug library opt-in and real-time dose guidance during programming provides immediate feedback on drug library compliance.

Easy to prime and load dedicated administration set prevents misloading and simplifies infusion setup.



Smartphone-like user interface encourages programming accuracy and safety.

Auto-programming and auto-documentation with the EMR and BCMA systems reduce manual steps.

Head-height independent to ensure intended delivery of primary and secondary medications regardless of the bag position.



Automatic occlusion resolution reduces nuisance alarms.

# Ivenix Infusion Management System (IMS)

**Comprehensive suite of end-to-end administration tools, applications, analytics and dashboards to efficiently manage infusion pumps and interoperability between clinical information systems, scalable from the hospital to the health enterprise.**

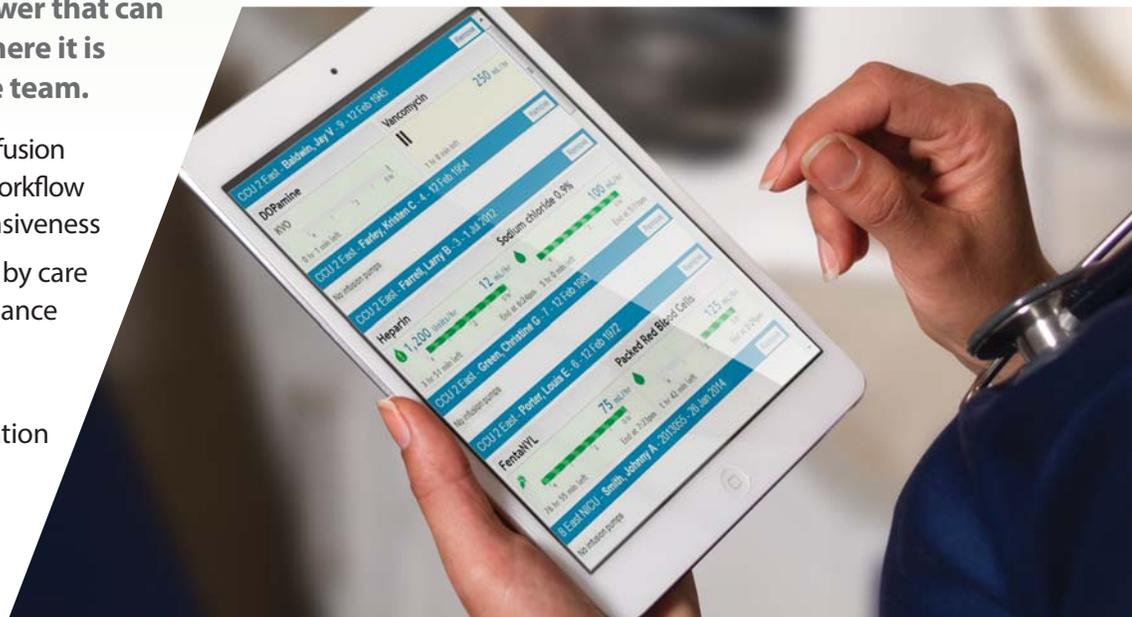
- ◆ Engineered for interoperability with EMR and clinical systems for patient-specific programming and orders
- ◆ Advanced drug library with online collaboration and analytics improves library management efficiency, including rapid optimization of drug library updates
- ◆ Built-in interface engine supports seamless infusion data integration with the EMR and other third party information systems
- ◆ System dashboard remotely monitors location and status of the pump fleet, including pump utilization, health, drug library and firmware updates
- ◆ Analytics and reporting to optimize alarm settings and to monitor charge capture



## Ivenix Infusion Dashboard

**Supports clinician management of multiple patients and their infusions with a remote clinical viewer that can be accessed when and where it is needed by the entire care team.**

- ◆ Mobile viewing of patient infusion status and alarms support workflow efficiencies and staff responsiveness
- ◆ Real-time view of infusions by care area for drug library compliance and enhanced surveillance
- ◆ Display of infusion details supports nurse communication and hand-offs



**Join us in transforming infusion delivery.**



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