THE NEXT GENERATION OF INFUSION PUMPS

ISN’T JUST A PUMP

It’s an integrated, intelligent ecosystem designed to support complex infusion practices for your patients.
Infusion Therapy Innovation Is Urgently Needed

Smart infusion pumps are widely regarded as the standard of care in infusion delivery. However, many infusion errors continue to occur despite their use.¹

1.2M hospitalizations per year are estimated to include preventable injectable medication adverse events²

61% of serious and life-threatening medication errors are associated with IV infusions³

85% of all medication errors reach the patient even when an infusion pump is used for medication delivery according to one study⁴

Bringing together the Novum IQ Large Volume Pump, the IQ Enterprise Connectivity Suite and Dose IQ Safety Software, the Novum IQ Infusion Platform is transforming infusion delivery. Baxter’s “one platform” ecosystem is designed to enhance infusion safety, streamline infusion administration and enable the continuous evolution of infusion technology.
**IQ ENTERPRISE CONNECTIVITY SUITE: ENTERPRISE INTELLIGENCE AT THE CENTER OF PATIENT CARE**

Driving seamless infusion system integration and efficient data management, the IQ Enterprise Connectivity Suite helps clinicians optimize infusion administration practices and enhance infusion safety.

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**Benefit from an Elevated Infusion Experience**

The Novum IQ Large Volume Pump helps protect patients and standardize infusion administration.

- **Streamlined workflows and intuitive operation** to drive compliance in the use of pump safety software, helping to ensure a safe continuum of care for patients.
- **Easy-to-use common interface** across large volume and syringe pumps, supported by 350+ hours of human factors testing, which helps to simplify pump operation for clinicians and streamline training.
- **On-screen barcodes with scan prompts** ensure that pumps are correctly identified, helping to provide safety and efficiency during auto-programming and drive auto-programming compliance.
- **A visual beacon** so clinicians can see from a distance that a pump needs attention.
- **A backlit keypad and an ambient light sensor** to improve visibility.

Baxter Single Set technology accommodates both large volume pump and gravity infusions to deliver efficiency, safety and savings.

A robust portfolio of administration sets is designed to deliver consistent accuracy with the Novum IQ Large Volume Pump.

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**Enterprise Scalability**
Supports the size and unique structure of your organization — from the smallest hospital to the largest health system.

**Over-the-Air Connectivity**
Automatically updates the drug library and pump platform firmware with the latest features and safeguards without ever having to take pumps off the floor.

**Actionable Analytics**
Delivers meaningful infusion insights driven by consolidation of data and reports and intuitive data visualization to inform continuous quality improvement in infusion delivery and safety.

**Innovative Interoperability**
Enables seamless interoperability between your infusion pumps and your EMR system, supporting the broadest range of pump programming workflows.

**Platform for Future Innovation**
Designed to advance integration to power medication delivery innovations.
RELY ON **DOSE IQ SAFETY SOFTWARE** to help you protect more infusions and reduce the risk of preventable errors.

Accurate and up-to-date drug libraries are important to help ensure patient protective measures are maintained throughout infusion therapy, especially for patients receiving critical medications. However, even when drug libraries are used, current implementation practices can limit their effectiveness.

In one study, 31% of started infusions used an outdated drug library.

At every step, web-based Dose IQ Safety Software helps you build and deploy one of the safest and most effective drug libraries possible.

**DRUG LIBRARY COMPLIANCE**

Dose IQ Safety Software compliance within one month of implementation in relation to ISMP goal and industry average.

Dose IQ Safety Software offers unique and best-practice capabilities:

- Titration Error Prevention technology, designed to intercept dose changes that could be potentially harmful
- Unique drug-linking feature that provides more library capacity and flexibility with 32 care areas and 5,000+ drug entries
- Comprehensive units of measure, including MillionUnit dosing
- Passcode-protected anesthesia settings
- Standardized drug library creation in partnership with First Databank (FDB) and incorporation of its FDB Infusion Knowledge database

Dose IQ Safety Software provides flexible software accessibility options through installation on a hospital-owned virtual machine or through a Baxter-hosted cloud-based solution.

**MAXIMIZE YOUR INVESTMENT** with breakthrough design innovations coupled with product implementation and software support and maintenance.

95% field serviceability to help get pumps back in use, potentially reducing cost and downtime

- Modular design with cost-effective field-replaceable units to streamline service and maintenance
- Full system self-test at start-up to check system status and provide error codes for easier diagnosis and repair
- Remote troubleshooting and diagnostics combined with parts ordering, to help reduce maintenance burden

**COUNT ON RIGOROUS CYBERSECURITY** to provide advanced protection for patients’ infusion data.

Supported by a dedicated cybersecurity team, the Novum IQ Infusion Platform is built to meet stringent cybersecurity protocols.

- UL 2900 certification, which attests to independent cybersecurity testing and assessment for the IQ Enterprise and Dose IQ
- ISO 27001 information security management system certification
- Secure remote updates to IQ Enterprise Connectivity Suite on both servers and network
- Encrypted software and firmware to pumps
- Collaboration with Health-ISAC and ICS-CERT organizations

Available after product implementation, the Novum IQ Infusion Platform with PartnerAdvantage Services program focuses on software support and maintenance and offers ongoing training and support resources for your staff, including IT personnel, biomedical engineers, clinicians and pharmacists. Facilities can tailor their package of services to accommodate a nonintegrated infusion platform until such time as they opt for full interoperability.
INDICATIONS FOR USE — NOVUM IQ LARGE VOLUME PUMP (LVP)

The Novum IQ LVP is intended for use on adults and pediatrics subpopulations, except for neonates, for the controlled administration of fluids, pharmaceutical drugs, parenteral nutrition, blood and blood products through the following clinically accepted routes of administration: intravenous, arterial, subcutaneous and epidural. The Novum IQ LVP is intended for use on neonates, for the controlled administration of fluids and parenteral nutrition through the following clinically accepted routes of administration: intravenous and arterial. The Novum IQ LVP is intended to be used in conjunction with legally marketed and compatible administration sets, and medications provided by the user. The Novum IQ LVP is suitable for patient care in hospitals and outpatient health care facilities. The Novum IQ LVP is intended to aid in the reduction of operator interaction through guided programming, including a way to automate the programming of infusion parameters and documentation of infusion therapies when integrated with an Electronic Medical Record (EMR) system. This automation is intended to aid in the reduction of programming errors. The Novum IQ LVP is intended to be used by trained healthcare professionals.

Rx only. For safe and proper use of the products mentioned herein, please refer to the appropriate Operator’s Manual or Instructions for Use.

References