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.
THE NOVUM IQ INFUSION PLATFORM REVOLUTIONIZES INFUSION DELIVERY

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 when an infusion pump is used for medication delivery, according to one study⁴.

As part of the Novum IQ Infusion Platform, the Novum IQ Syringe Pump will transform infusion therapy 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.

- **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.

BENEFIT FROM AN ELEVATED INFUSION EXPERIENCE

The Novum IQ Syringe Pump helps protect even the smallest and most vulnerable patients and supports standardized 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 interface** supported by 350+ hours of human factors testing.
- **On-screen barcodes** with scan prompts to help provide safety and efficiency during auto-programming by ensuring that pumps are correctly identified.
- **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.

The Novum IQ Syringe Pump accommodates a robust portfolio of administration sets designed to deliver consistent accuracy.
RELY ON DOSE IQ SAFETY SOFTWARE FOR NOVUM IQ SYRINGE PUMP

Dose IQ Safety Software for the Novum IQ Syringe Pump offers unique and best practice capabilities. - Titration Error Prevention technology, designed to intercept dose changes that could be potentially harmful - Color coding for enteral infusions - 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 or abnormal codes for easier diagnosis and repair
- Remote troubleshooting and diagnostics combined with parts ordering, to help reduce maintenance burden

DRUG LIBRARY COMPLIANCE

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

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. - Independent UL 2900 cybersecurity testing and assessment completed and certification pending - 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

A Baxter-led Universal Implementation Process (UIP) engages all facility stakeholders and spans pre-implementation planning, drug library build, product training and post-implementation follow-up.

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 SYRINGE PUMP

The Novum IQ syringe pump is intended to be used for the controlled administration of fluids. These include pharmaceutical drugs, parenteral nutrition, blood and blood products, and enteral nutrition. The Novum IQ syringe pump is intended to deliver an infusion through the following clinically accepted routes of administration: intravenous, arterial, enteral, and subcutaneous. The Novum IQ syringe pump is intended to be used in conjunction with legally marketed and compatible administration sets, syringes, and medications provided by the user. The Novum IQ syringe pump is suitable for patient care in hospitals and outpatient health care facilities. The Novum IQ syringe pump is intended for use on adults, pediatrics and neonates. The Novum IQ syringe pump 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 syringe pump 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


NOVUM IQ INFUSION PLATFORM

For more information, contact your Baxter Sales Representative, call us at 1-800-422-9837 or email us at cfs_customer_service@baxter.com.

< Scan with your mobile device for more detailed information on the Novum IQ Syringe Pump.