

CONNECTION  
PROTECTION  
INSIGHTS  
ANALYSIS  
INNOVATION  
EFFICIENCY  
PROTECTION  
CONNECTION  
INSIGHTS  
INNOVATION

**Baxter**

**NovumIQ**

INFUSION PLATFORM

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.<sup>1</sup>



# 1.2M

hospitalizations per year  
are estimated to include  
preventable injectable  
medication adverse events<sup>2</sup>



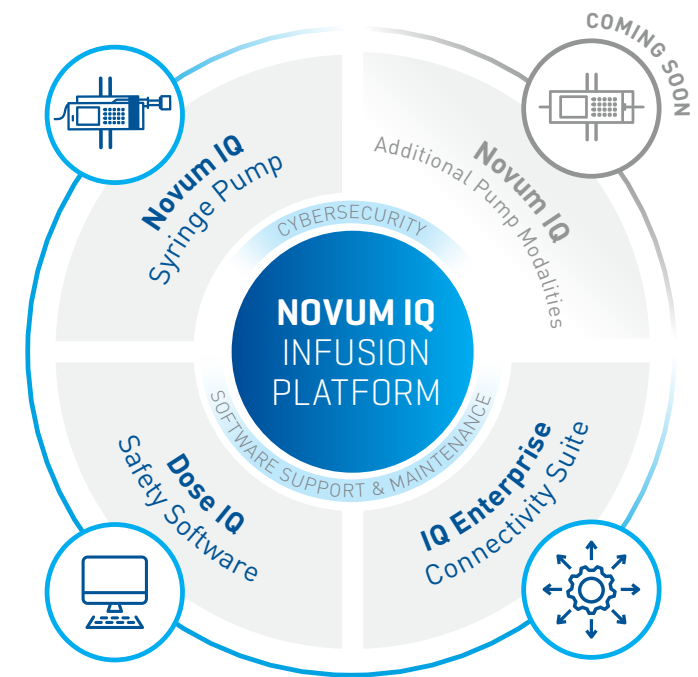
# 61%

of serious and life-  
threatening medication  
errors are associated  
with IV infusions<sup>3</sup>



# 85%

of all medication errors  
reach the patient when  
an infusion pump is used  
for medication delivery,  
according to one study<sup>4</sup>



## THE **NOVUM IQ** INFUSION PLATFORM REVOLUTIONIZES INFUSION DELIVERY



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.





## 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<sup>5</sup>
- **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.

## 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.





## RELY ON DOSE IQ SAFETY SOFTWARE FOR NOVUM IQ SYRINGE PUMP

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<sup>6</sup>

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<sup>7</sup> in relation to ISMP goal<sup>8</sup> and industry average<sup>9</sup>

**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



## 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
- 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



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.



# NOVUM IQ INFUSION PLATFORM



## ONE PLATFORM. ONE ECOSYSTEM. ADVANCED TECHNOLOGY.

For more information, contact your Baxter Sales Representative, call us at **1-800-422-9837** or email us at **[cfs\\_customer\\_service@baxter.com](mailto:cfs_customer_service@baxter.com)**.



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

### 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

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4. Taylor MA, Jones R. Risk of medication errors with infusion pumps: a study of 1,004 events from 132 hospitals across Pennsylvania. *Patient Safety*. 2019;1(2):60-69.
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