

**Baxter**

**DoseIQ**

SAFETY SOFTWARE

# PROTECT MORE INFUSIONS WITH **DOSE IQ ADVANCED SAFETY SOFTWARE**

**Dose IQ**, Baxter's industry-leading drug library and web-based safety software, helps reduce the risk of patient harm with advanced safety technology.

## **EFFECTIVE**

web-based drug library software

## **ENHANCED PROTECTION**

for all infusion types

## **SINGLE PLATFORM**

for Large Volume and Syringe pumps

## **STREAMLINED**

drug library build

# HELPING TO ELIMINATE PREVENTABLE HARM

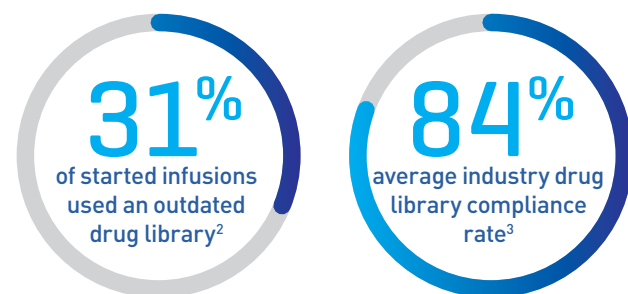
Accurate and up-to-date drug libraries are important to ensure infusion pumps are protecting patients, especially those receiving critical medications.

Using a **drug library** identified

 **~330K** POTENTIAL DOSING ERRORS

that otherwise would have been missed<sup>1</sup> out of **15M** infusions at **45** hospitals

However, even when drug libraries are used, current practices in implementation and compliance limit their effectiveness.



**Web-based Dose IQ Safety Software** helps identify potential infusion errors before drug administration and overcomes the limitations associated with stand-alone drug library software.

## A centralised drug library software platform

- Web-based drug library software works across Large Volume and Syringe pumps

## One-of-a-kind web-based accessibility

- No reliance on outdated distribution models or the need to download software on a single computer.
- Centralised access to drug library files ensures pumps always have the latest drug library.
- Flexible software accessibility option offerings. Access through an installation onto a hospital owned virtual machine or through a Baxter-hosted Dose IQ Safety Software cloud-based solution.



## Helping pharmacists ensure infusions are delivered safely.

Using a drug library upon pump implementation helps build standardisation for further use and expansion. Baxter's proven implementation process helps provide a framework to develop, customise and evolve a drug library to meet a facility's practices and goals for today and tomorrow.

- ✓ A Baxter specialist partners with the facility pharmacist to provide support for building the drug library.
- ✓ A phased approach can be taken to start with a manageable scope and expand later.

### PHASED APPROACH FOR BUILDING A DRUG LIBRARY

Drug Name Categories	Expand Limits, Care Areas, Drugs	Full Drug Library	Integration Readiness
<ul style="list-style-type: none"> <li>- Display drug names</li> <li>- Standardise DERS workflows</li> </ul>	<ul style="list-style-type: none"> <li>- Enable additional safety limits</li> <li>- Platform to build upon</li> </ul>	<ul style="list-style-type: none"> <li>- Robust safety</li> <li>- Efficient programming</li> </ul>	<ul style="list-style-type: none"> <li>- Robust drug libraries are the foundation of future integration opportunities</li> </ul>

Leverage wireless functionality to help efficiently update drug libraries

**EVERY DOSE COUNTS.** Even a single percentage point increase in drug library compliance rate significantly reduces the number of unprotected infusions and associated adverse drug events (ADEs).<sup>4</sup>

**97% COMPLIANCE** Only Baxter infusion platforms with **Dose IQ Safety Software** deliver 97% compliance within one month of implementation. This is 13 percentage points higher than the 84% industry average.<sup>3,5</sup>

UP TO **€170K** PER YEAR\*<sup>6</sup> potential savings with just a 1 percentage point increase in drug library compliance

UP TO **€2.2M** PER YEAR<sup>3,5,6</sup> potential savings in your hospital with Baxter's leading drug library compliance rate

\*Based on 2018 KPI analysis of 87 Spectrum accounts: identified programming errors divided by average drug library compliance times average cost of an ADE.



Now and in the future, develop infusion drug libraries with confidence and help protect more infusions against preventable harm. Baxter's unique **Dose IQ** Safety Software will continue to evolve for use across all of Baxter's infusion pumps.

Contact your Baxter representative for more information.

#### REFERENCES

1. Data on file. Baxter Healthcare Corporation. Infusions reported Oct. 2014 – July 2015, 6 months per facility, across 45 facilities.
2. DeLaurentis PC, Hsu K-Y, De la Armenta AIH, Bitan Y. Investigating delays in updates to infusion pump drug limit libraries. *AMIA Annu Symp Proc.* 2017;2016:490-495.
3. REMEDi. Regenstrief National Center for Medical Device Informatics. <https://catalyzecare.org/remedi?id=3060>. Accessed July 14, 2020.
4. Hoh T, Beer I, Kayler S, Krueger P. Every infusion counts: a more complete measure of infusion safety. Poster presented at: INS 2017; May 6-9, 2017; Minneapolis, Minnesota.
5. Baxter Healthcare Corporation. DERS new implementation compliance data 2015.
6. Internal data on file. DLC Percentage Point Analysis. Baxter Healthcare Corporation. February 2019.

For safe and proper use of the products mentioned herein, please refer to the appropriate Operator's Manual or Instructions for Use.  
Software is approved for use with Google Chrome browser

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