

Baxter
DoseEdge
PHARMACY SOFTWARE



The Intersection of Pharmacists and Technology

Your role is greater than you think.

Pharmaceutical intervention is no longer limited to high-risk patients—with 90% of hospitalized patients receiving medications via IV infusions, pharmacy directly impacts nearly every patient in the hospital.

With this level of responsibility, **traditional and manual dose compounding methods are no longer the only option**

After major investments to improve the IV medication process at the bedside, the lingering errors in the pharmacy are one of the main challenges faced in hospitals and critical care units today

The **DoseEdge System**: At the Intersection of Pharmacists and Safety

You *do* need a pharmacy workflow management system

Errors happen, even in the most vigilant, experienced organizations



Hospitals experience an average of **8 compounding errors*** A DAY¹



Nearly **75%** of pharmacy staff know of 1 or more compounding errors that occurred over the past year²



~50% of pharmacy staff **do not always know** with certainty what drugs, diluents, and volumes were used to prepare a compounded sterile preparation²

When Pharmacies Intersect with the DoseEdge System

Hospitals using IV workflow systems detected **14x more** medication errors than hospitals using manual IV workflow³

The **DoseEdge System** detects and intercepts an average of **2,800 errors** per facility annually¹

The **DoseEdge System** provides pharmacists full transparency over the end to end process—from when a dose enters the system to when it is delivered on the nursing floor

The **DoseEdge System**: At the Intersection of Pharmacists and Productivity

Get Back to Focusing on What Matters

The full transparency inherent to the **DoseEdge System** drives efficiencies and balances staffing and workload

- **Maximizes inventory** with enhanced Beyond-Use Dating (BUD) algorithms for drug, concentration, temperature, and specific diluent for every dose**
- **Enables full visibility** to IV compounding operations due to remote verification capabilities, providing pharmacists the ability to identify staff management improvements and to load balance across sister facilities
- **Provides transparency** to nurses, doctors, and staff of dose status and location in real time, via barcode-enabled dose tracking and a unique status board


*Based on aggregate analysis of 500+ DoseEdge customers; facilities not using IV workflow technology may experience similar compounding error rates.


**Please refer to the respective product labeling for acceptable stability parameters.




Customizable analytics indicate your pharmacy's:

 **Waste**
at the dose or mL level

 **Performance**
at the technician and pharmacist level

 **Duration**
at every compounding stage

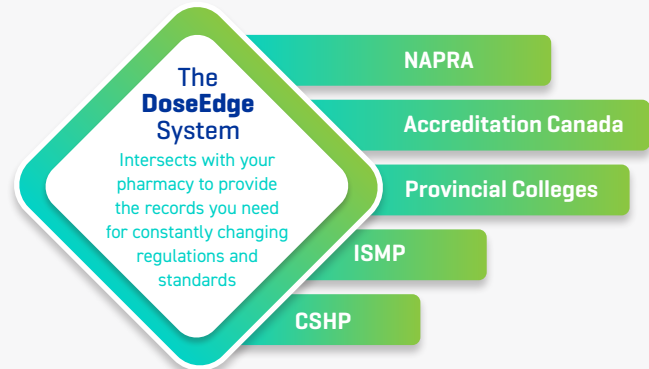
 **Errors**
intercepted before reaching the patient

The **DoseEdge** System has found an average of **\$120,000 USD** in potential annual savings per facility in waste reduction^{4*}

The **DoseEdge** System: At the Intersection of Pharmacists and Compliance

Take care of the patients—we'll take care of the paperwork

Let us maintain the workflow trails, Master Formulation and Compounding Records of every dose



The **DoseEdge** System: At the Intersection of Pharmacists and Customization

The workflow system that changes with you

Our dedicated team is constantly enhancing the **DoseEdge** System software to adhere to the latest guidelines, regulations and best practices.

- The **DoseEdge** System software can be configured for your facility, allowing you to **personalize the solution** to quickly adapt, even in an uncertain supply chain
- **Customized** to meet your unique workflow needs, to address complexities of your pharmacy:
 - **Processes all the major dose types:** Sterile (compounding), hazardous (compounding), oral liquids, parenteral nutrition, and premixed solutions
 - **Supports all preparations:** patient-specific doses, batch doses, stock containers, pediatric dilutions, and manual additions for TPN, along with barcode, volumetric, and gravimetric** verification

*Savings are modeled after the average-sized facility (approximately 60K annual doses) using the **DoseEdge** System. Savings estimated due to the waste reduction potential from the ability to reuse doses, rework incorrect doses, and waste prevention due to intercepted errors by the **DoseEdge** System. Analysis demonstrated the **DoseEdge** System can pay for itself within 1 year of after implementation.

**Gravimetric functionality requires the ingredient-specific gravity.





Partner with proven technology

The **DoseEdge** System is the original, trusted leader in the pharmacy IV workflow category

Pioneered the market in **2007**



Used in more than **525** hospital facilities in the U.S.

Trusted with the preparation of over **30 million** doses per year¹



Team with **80+** combined years of implementation experience



Offers **24/7, 365-day** US-based technical support



Find the intersection of the **DoseEdge** System and your pharmacy

Schedule a demo today

To request additional information, including a live **DoseEdge** System demonstration, contact your local Baxter Pharmacy Representative Or go online to learn more baxter.ca/DoseEdge

The **DoseEdge** System is software intended to improve and document workflow in your pharmacy, and to help reduce opportunities for error. The **DoseEdge** System is not intended to replace the knowledge, judgment or expertise of pharmacists and pharmacy technicians in the preparation of IV admixtures or oral liquid doses. For safe and proper use of the product referenced herein, refer to the appropriate manual.

¹Baxter Internal Data on File. **DoseEdge** System 2019 Safety Statistics

²ISMP Survey on Pharmacy Sterile Compounding. ISMP Medication Safety Alert. October 2020. Volume 25, Issue 21

³Stephen F Eckel, et al. Multicenter study to evaluate the benefits of technology-assisted workflow on i.v. room efficiency, costs, and safety, American Journal of Health-System Pharmacy, Volume 76, Issue 12, 15 June 2019, Pages 895-901, <https://doi.org/10.1093/ajhp/zxz067>

⁴Baxter Internal Data on File. **DoseEdge** ROI and Break Even Analysis 2021