



RxTOOLKIT[®]
technology · process · competency

Clinician Support

Built for Infusion Standardization,
Automation, and Reference



Clinician Support Solutions

Increase accuracy, efficiency, and medication safety; Support your clinicians with standardized reference and safety information, integrated tools and training.

RxTOOLKIT[®] Clinical Support Solutions increase precision, efficiency, and staff confidence. Intuitive and easy to use applications provide automation and standardization of procedures and reference information.

We provide tools including step-by-step instructions helping to ensure the safety of all medications from preparation to administration. Evidence based methods and weight-based calculations provide precision and consistency.



**RxWORKFLOW
for IV SAFETY**[™]

RxWORKFLOW for IV Safety gives **EVERY CLINICIAN** the information and ability to safely prepare and administer **ANY DRUG IN OUR LIBRARY!**

The standardization of information, use of standardized concentrations, and on-the-spot drug specific tools ensure positive patient outcomes by:

- Minimizing the risk for errors
- Increasing patient and caregiver safety
- Establishing best practices
- Improving efficiency
- Increasing staff confidence
- Producing consistency in training, workflow, labeling, and medication administration

RxWORKFLOW FOR IV SAFETY[™]

User-friendly drug specific monographs provide interactive reference, training, and tools including RxQuickCALC[™], RxCALC[™], and RxDoseCHECK[™]

RxWORKFLOW for IV Safety[™] drug monographs provide the appropriate **drug information, tools, and training** to support the safe preparation and administration of IV drugs. All information is professionally curated, continuously updated, and easy to find including:

- Standard Infusion Concentrations
- Dose Information
- Use in Specific Populations
- Warnings and Precautions
- Drug Preparation Information
- Drug Administration Information

Summary of Benefits:

- Provides a single source of standardized reference, tools, and training
- Enhances safety, consistency, and standard of care
- Drug specific preparation and administration tools including RxQuickCALC[™], RxCALC[™], and RxDoseCHECK[™]
- Integrated Competency Checks confirm staff is confident and up-to-date with accurate information

Let's design
your custom
RxTOOLKIT[®]



Every RxWORKFLOW for IV Safety™ monograph includes **on-the-spot tools** that assist in preparation or administration. These tools are always what you need for **that specific drug**:

 **RxQuickCALC™:**

- » Basic infusion rate
- » Body surface area
- » Conversion calculations
- » Creatinine clearance
- » And many more!

 **RxCALC™:**

- » Complex infusion rate
- » Infusion rate tapering tables
- » Dose preparation instructions
- » Concentration checks



 **RxDoseCHECK™:**

- » Verify dose and infusion rate accuracy



Standardized infusion concentrations have been a recognized patient safety initiative since the Joint Commission made it a national patient safety goal in 2005.

Many of the highest risk medications are delivered by IV infusion. In fact, 61% of the most serious and life-threatening potential adverse drug events are IV drug related.^[1] IV drug administration often results in the most serious outcomes of medication errors.^[2]

Many patient safety and professional organizations now strongly recommend IV preparation and administration process standardization especially for vulnerable populations or high-risk drugs. Standardization and training become even more critical when you combine multiple drugs, staff members, and/or clinic locations.

In the Chronic Care Infusion setting, it is especially important to establish consistency and make sure the dose is appropriate for the patient weight or age range. Often, the person preparing or administering a medication may have limited experience or the drug may have complex requirements, be high-risk or expensive.

Performing drug specific research, keeping up a paper binder, and/or using a manual calculator are all time consuming and negatively affect productivity.

The bottom line is, without established standardization, errors can occur due to the fact that:

- Preparation requires manual calculations
- It's easy to mix drugs outside of accepted parameters
- Staff may be unfamiliar with drugs and related parameters
- FDA drug information changes and can become outdated and inaccurate

All RxWORKFLOW for IV Safety™ monographs also include drug specific **Integrated Competency Checks**—quick pop-up quizzes, including instant feedback, to ensure your staff is familiar with both a drug and related dosing parameters.



Integrated Competency Checks may be utilized as an independent skill assessment or included as part of the more robust training provided by our Drug Specific Competency Tracking program.

Training staff and keeping them up-to-date on the established guidelines is also imperative for success. Built in to every RxWORKFLOW for IV Safety, Integrated Competency Checks, make it easy to verify your staff is familiar with both a drug and related dosing parameters.

When training is specifically directed to the skills required to perform the job, it increases its relevance and value! It can improve caregiver confidence and increase caregiver and patient satisfaction. Skills reinforced through hands-on application to real-world problems are more likely to be retained by the user.

Contact elarning@rxtoolkit.com for more information.

From: [http://www.hqinstitute.org/highriskmed\(sdpsc_safe_administration_of_high-risk_iv_medication.pdf\)](http://www.hqinstitute.org/highriskmed(sdpsc_safe_administration_of_high-risk_iv_medication.pdf))
1. Communication with D.W. Bates, M.D., M.Sc. of Brigham & Women's Hospital in Boston, October, 2001.
2. Hicks, RW, Cousins, DD, Williams, RL. (2003). Summary of Information Submitted to MEDMARX® in the Year 2002. The Quest for Quality. Rockville, MD: USP Center for the Advancement of Patient Safety.

Your RxWORKFLOW for IV Safety™ subscription includes the following ready to use drug monograph collections:

Chronic Care Infusions

Includes the most frequently used drugs for infusion centers, including pre-meds and those administered by injection for treatment of adult chronic disease.

Antibiotic Infusions

Includes the most frequently used drugs for infusion centers, including antibiotic injections and IV or IM injections for both adults and pediatrics.