

# ValiMed Patient Safety Solution

## “Hospital Settles In Multi-Million Dollar Med Error Suit”

### THE PROBLEM

The Institute of Medicine conservatively estimates that nearly 8,000 Americans die each year from medication errors, a number that is not diminishing.

Institute of Medicine analysts use the term “medication error” strictly. They do not mean “medical errors” or even the deaths from the adverse effects of appropriately selected drugs. They mean “errors,” oversights, mistakes in compounding or administering medications. If yours is an average state, 160 people died needlessly in your state last year alone because of these errors.

The greatest area of vulnerability has proven to be the most difficult to monitor: high alert medications. Even when clinicians knew their work was being evaluated roughly 5% of all IV admixtures were compounded in error. With litigation and malpractice costs on the rise, everyone pays for a clinician’s errors.

There also is the problem of conscious diversion, as most notoriously practiced by Robert Courtney, the Kansas City pharmacist who diluted chemotherapy solutions for personal gain.

The healthcare industry has attempted to respond to the problem, however, the solutions offered are not foolproof. The best example is an IV, where the only truly effective way to check would be to send a sample to a lab for analysis, adding an unacceptable level of cost and time.



## “Innovation Helps Hospital Slash Med Errors”

### THE SOLUTION

The ValiMed Patient Safety Solution provides validation of high alert medications at the time of compounding in the pharmacy and at the time of administration in your patient care area.

The ValiMed solution gives the assurance that admixture medications have been manufactured accurately. This reduces undetected errors in medication selection, the manufacturing of admixtures, inadvertent substitution, purposeful counterfeiting or the mislabeling of the medication, container or package.



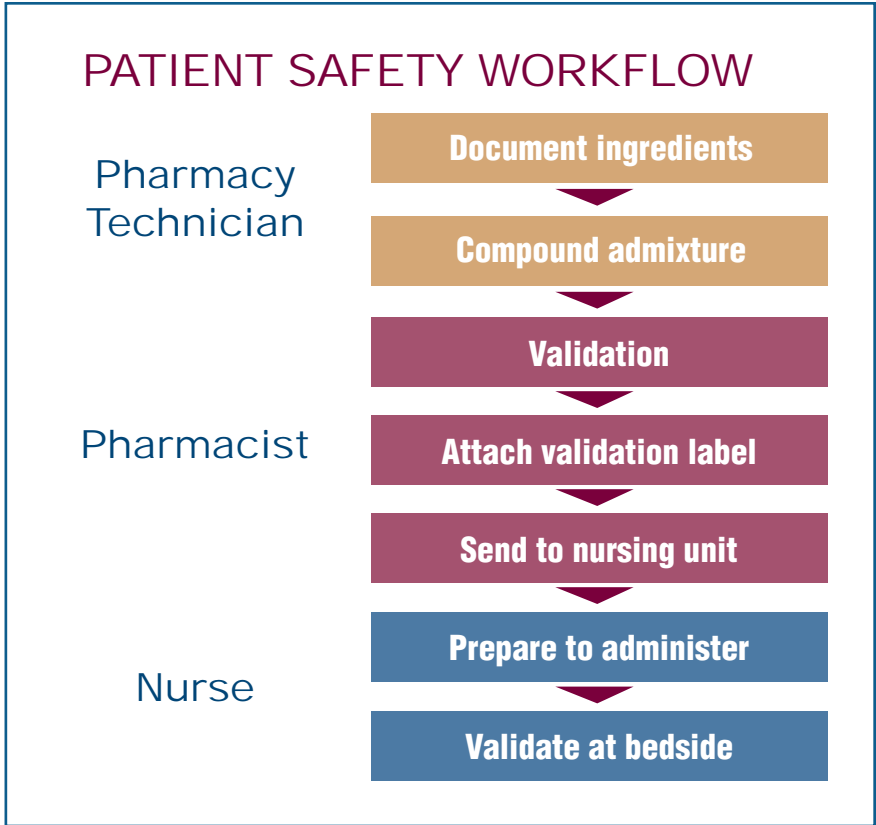
ValiMed combines a revolutionary new technology to validate medications, equally innovative software to define and automate the patient safety process, and a library of the unique spectral fingerprints for a range of relevant medications. As your needs expand, so too can this library.

With a flash of the ValiMed light source, your personnel can compare the fingerprint of a given medication under review to a selected fingerprint from a library of spectral fingerprints. The ValiMed system registers a match—or a failure to match—between the fingerprint of a test sample and that of a chosen medication from the library. No interpretation of results is required. It's that simple.

The ValiMed system allows for near real time medication validation to prevent sometimes lethal errors and documentation of your compounding process. Daily activity reports can be easily defined and generated.

### The benefits of ValiMed are many and include:

- **Improved Patient Safety.** The sum of all benefits, ValiMed can provide a greater level of safety for your patients.
- **Compliance with USP 797 and ASHP Guidelines.** ValiMed provides true validation of compounded medications and the automated process for tracking and reporting.
- **Improved Quality.** ValiMed enables pharmacies to catch the errors before dispensing, therefore no harm is done.
- **Reduced Costs.** ValiMed eliminates the need for slow and costly external assays, shipping costs, and the hassles of tracking samples.
- **Improved Process.** ValiMed provides an automated workflow process for medication validation.
- **Reduced Pharmacist Time.** ValiMed eliminates the need for checking IV preparations.
- **Non-invasive Validation.** ValiMed validates through IV bag and syringes. There is no need to prepare an extra batch of medication for testing.
- **Improved Documentation.** ValiMed protects your organization by documenting your good manufacturing and dispensing practices.
- **Early Detection.** ValiMed can be deployed early in the medication use process and identify problems before they become crises.
- **Ease of Use.** The ValiMed process is a quick, simple touch screen/push button operation whose results do not require interpretation.
- **Fast.** ValiMed provides near real time validation of medications.
- **Flexible.** ValiMed can validate most dosage forms.
- **Traceable.** ValiMed can identify problem areas and generate reports to manage your process.



For more information on ValiMed, check [ValiMed.com](http://ValiMed.com) or call 1-301-881-0080.

