



Prevent Medication Errors

Counterfeiting and errors threaten patient safety. There are 1.25 million adverse reactions and 7,000 patient deaths annually in the United States as a result of drug errors. How do you know your patients are getting the right drugs, the right doses, the real thing? InfraTrac offers verification solutions that work in the hospital environment. InfraTrac authentication solutions for hospitals recognize that conventional verification relies largely on tagging packaging. Of course, in a hospital setting, packaging and product are often separate. InfraTrac's solutions tag and verify the product itself.

It's difficult enough to keep tabs on pills and powders. But IV bags pose a special challenge. Once the bag is made up, how do you tell whether it contains the proper medication, at the right concentration, and that the drug is both current and genuine? If you sample it, you ruin it. If you don't, you're taking chances. InfraTrac uses spectroscopy to look into the bag, through the plastic, and tell you in an instant whether it's right. The spectrometer shines a light on the substance and compares its optical components to a chemical library. If it's right, you're safe.

For operating rooms, you want to be able to verify not only what goes in, but also what comes out. How can you tell that waste drug isn't, in fact, saline or dextrose? It's impractical to send everything to a lab for analysis... but you can't just pour it down the sink. InfraTrac's portable detection systems can tell you in one second what's what, and they can be used by a nurse or technician right there, not in some faraway lab.

Immune globulin is often counterfeited. InfraTrac lets you tell whether it's real, and even which manufacturer it came from, including in-syringe verification.

Chemotherapy is expensive, as are antibiotics. Mistakes are even more expensive: one less lawsuit saves you \$376K+. Check drugs as they leave the hospital pharmacy, and at later points as necessary. According to the Institute for Safe Medication Practices, high alert medications are the place to start; see <http://www.ismp.org/Tools/highalertmedications.pdf> for a list.

Medical devices need to be tracked as well. Expensive devices can go astray. And counterfeiting is a problem with devices too. InfraTrac can bring you bar code and tracking solutions for your medical equipment, including implantable medical devices.



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Protect Patient Safety

InfraTrac Hospital Solutions



Chemotherapy
Antibiotics
NICU IV



Non-destructive
1-sec. test



Can be used by a nurse or technician
Test medications as they leave the pharmacy
Test in the IV room
Verify OR waste

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