



## Using Barcodes at the Point of Care to reduce Adverse Drug Events

**ADERS** reduces adverse drug events using barcode technology.

In 2004, the FDA initiated a mandate for all pharmaceutical companies to print NDC barcodes on their prescription drug packages by April 2006, in an effort to reduce the number of adverse drug events.

However, printing NDC barcodes on packages is not sufficient to reduce adverse drug events.

Caregivers when administering medications must utilize the NDC barcodes.

This is accomplished through the use of portable data terminals, or PDTs for short. The PDTs are equipped with barcode scanners, which are used to scan the NDC barcodes on the drug package, and the patient identification barcode typically located on the patient's wristband.

**ADERS** guarantees ROI the instant a catastrophic adverse drug event is captured or prevented, which could occur the day of implementation.

Further, after your staff has used the devices, they will embrace the technology. It will save time at the patient's bedside by eliminating the written aspect of administering medications. Also, the caregivers will have at their fingertips information about every patient in their unit, all medications that are due now, PRN orders, and the ability to transfer patients from room to room or unit to unit. All are timesaving features.

In addition to the PDT features, all data collected is compiled into comprehensive administrative reports. Management can report on all adverse drug events that have been prevented for a date range and by category. Management can also review all potential medication errors using a standard set of reports. Depending on the facility's configuration, management may be emailed or text messaged when potential adverse drug events occur. These messages may also be forwarded to the primary care physician automatically.

Our standalone system can interface to any existing back office system.



**Our Adverse Drug Event Reduction System, ADERS, empowers caregivers with the ability to ensure the right drug is administered to the right patient at the right time in the right dose via the right route of administration.**



### Features

- Easy to use
- Completely Audited
- Standard XML interfaces for import and export
- Configurable for both Batch or On-Line via 802.11b or cellular
- Compatible with all Pocket PC or CE.Net devices
- Store and forward methodology utilized for On-Line mode
- Imports NDC List from FDA Web Site

### Benefits

- Saves Lives <sup>1</sup>
- Reduces Number of extended stays
- Saves Money <sup>2</sup>
- Improves facility rating while reducing costs
- Saves Time
- Positive impact on liability insurance costs
- Positive impact on US Economy

Practical Compliance Solutions

<sup>1</sup>We fully understand that no system can save lives on its own. However, when used correctly and when ADERS detects a potential adverse event that would have been life threatening, and the caregiver takes corrective action based on ADERS' response, then ADERS has effectively helped to save a life.

<sup>2</sup>We fully understand that no system can save money on its own. However, as the number of adverse events are reduced so too shall be reduced, the cost associated with such adverse events.