

## *Healthcare: A Solution for Positive Patient Identification*

### Medical Errors:

#### Facts and Statistics

- Over 770,000 patients are injured, and as many as 44,000 to 98,000 patients die as the result of medical errors in hospitals each year. Of those deaths, 7000 are attributed to medication errors.
- Medication errors occur at every point in the medication process, however the majority of errors occur during ordering and administration stages
- Adverse drug events cost the U.S. about \$2 billion annually, with estimated increased hospital length of stay by 4.6 days, and incremental hospital costs or \$4,700 per admission.

#### Reference material:

*Institute of Medicine. To Err is Human: Building a Safer Health System. Washington: National Academy Press; 1999; Bates DW, Spell N, Cullen DJ, et al. The costs of adverse drug events in hospitalized patients. JAMA 1997:277*

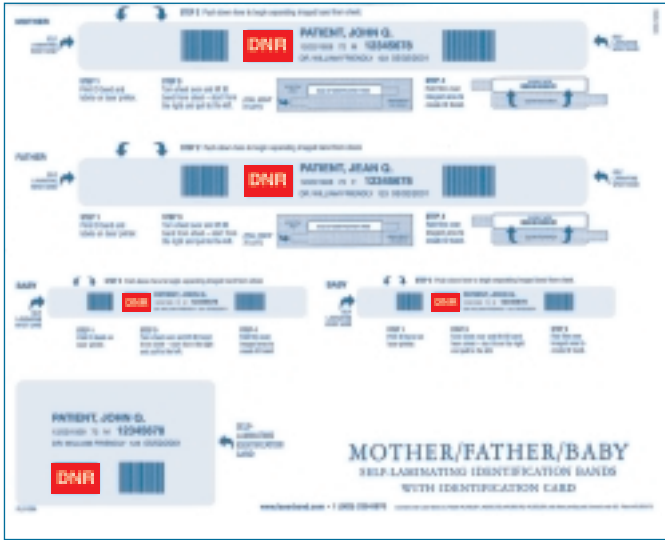
**Medical errors account for an estimated 44,000 to 98,000 deaths per year in U.S. hospitals, making it a leading cause of death.**

**Current Health Care Challenge:** Reduce Medical Errors and Improve Patient Safety.

The Agency for Healthcare Research and Quality (AHRQ) is the lead agency in the U.S. Department of Health and Human Services for supporting research designed to improve the quality of health care, reduce its cost, and broaden access to essential health services. Specifically, the AHRQ is actively looking for the development and testing of innovative technologies, including computerized barcoding and patient bracelets.



*Healthcare Positive Patient Identification Product Examples*



Mother/Father/Baby patient identification wristbands with ID card



Pediatric patient identification wristband with labels



Single adult patient identification wristband



Patient identification wristband with labels



Mini laser label sheet



Full laser label sheet

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## Self-Laminating Laser Wristbands



- Speeds Registration
- Enhances Patient Comfort & Safety
- Improves Quality of Care
- Decreases Medication Errors
- Reduces Hospital Liability
- Minimizes Costs

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# FOCUS



## *Focus on Decreasing Medical Errors*

*Most medical errors result from systematic problems in healthcare delivery. It's not a people problem.*

Dennis S. O'Leary, MD, President of the Joint Commission on Accreditation of Healthcare Organizations (JCAHO) stated: "Humans, particularly healthcare professionals who work under continuous high stress, will always make errors. The goal is to prevent those errors from reaching or affecting the patient."

- Healthcare organizations are challenging themselves, demanding that patient safety improvements be made.
- JCAHO announced its commitment to improving patient safety by establishing the 2003 National Patient Safety Goals.

## *Making Patient Safety Happen*

*Initiatives are underway to meet the challenge.*

- The U.S. Department of Health and Human Services is funding research initiatives to reduce medical errors and improve patient safety.
- Greater public awareness has prompted hospitals to provide the safest care available.
- The Veterans Health Administration reduced medical errors by 75 percent since implementing a comprehensive safety program that included barcoding.

## *Make the Move*

*Ongoing efforts by the medical community are identifying and correcting the leading causes of medical errors.*

- In today's busy environment, it is increasingly more important that patient identification is clear and easy to read.
- More and more hospitals are taking patient safety one step further and are moving to barcoded systems.
- Hospitals want and need a system that provides accurate tracking and identification of patients. ***The focus is on the right patient, the right medication, the right dose, and the right route at the right time.***

## *The Cost of Medical Errors*

*Hospitals are focused on continuously improving patient safety and reducing the high costs of medical errors. Costs are being evaluated from a total system perspective.*

- The time spent tracking and correcting errors contributes to skyrocketing costs.
- If a medical error occurs, the costs of re-tests, re-draws, and other "unnecessary treatment" are not reimbursable.
- Litigation costs of medical errors can be staggering.

### JCAHO's 2003 National Patient Safety

The #1 goal is Patient Identification

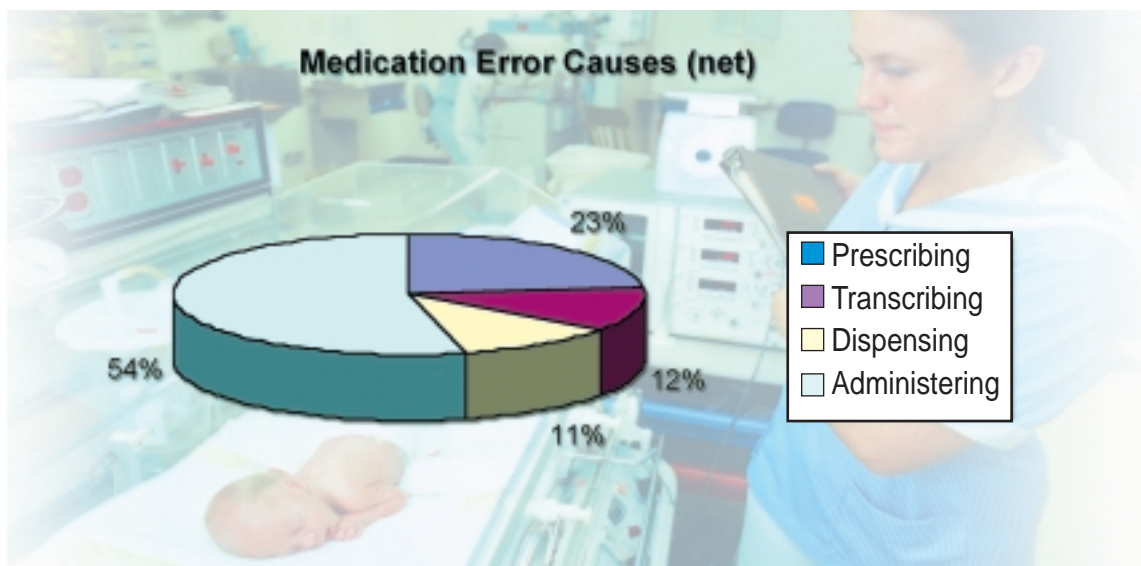
"Improve the accuracy of patient identification - - use at least two patient identifications (neither to be patient's room number) whenever taking blood samples or administering medications or blood products."

# *Innovative Solutions*

We developed an innovative patient identification wristband solution—an integral component for efficiently transferring accurate patient information throughout the hospital. Integrity of information is ensured, and the chance of human error is reduced.

## *Patient identification solution delivers quality, speed, and accuracy*

- Streamlines patient admissions while supporting positive patient identification.
- Creates crisp, clear patient identification wristbands and chart labels in one quick and efficient step using a standard laser printer.
- Protects easily-readable patient information with a self-laminating identification wristband.
- Improves patient safety by reducing medical errors caused by illegible information.
- Enables patient information recall through barcode scanning and tracks and transfers patient information accurately throughout the hospital.
- Eliminates patient discomfort caused by plastic wristbands with metal or plastic clasps.



## *Changes are being made to reduce error rates*

Healthcare facilities continually identify areas for improvement and implement additional system checks. One example is the patient identification wristband with barcoded information. These maximize the possibility of error-free human performance.

*Medical errors are defined as: "Preventable events that lead to inappropriate medicine use or cause patient harm. These are true errors—which reach the patient."*

—Russell F. Lewis, HIMSS Summer Conference 2002, Leape 1995 and California Healthcare Foundation 2001

# Features and Benefits

**Feature:** Punched holes

**Benefit:** Easy chart mounting

**Feature:** Clear, crisp imaging and barcoding

**Benefit:**

- Ensures legibility
- Enhances scanability with a wide range of scanners

**Feature:** Laser printer friendly

**Benefit:**

- Prints on standard laser printer
- Simplifies usage
- Eliminates obsolete equipment (embossers, imprinters, thermal printers) providing more workspace
- Enhances cost effectiveness
- Eliminates document jams

**Feature:** Xonad™ pattern adhesive

**Benefit:**

- Eliminates laser printer contamination
- Allows one-step processing

**Feature:** Adjustable adhesive tabs

**Benefit:**

- Attaches easily to fit any wrist
- Protects delicate skin
- Eliminates scratchy plastic or metal clips with sharp edges
- Improves patient comfort
- Latex Free

**Feature:** Self laminate

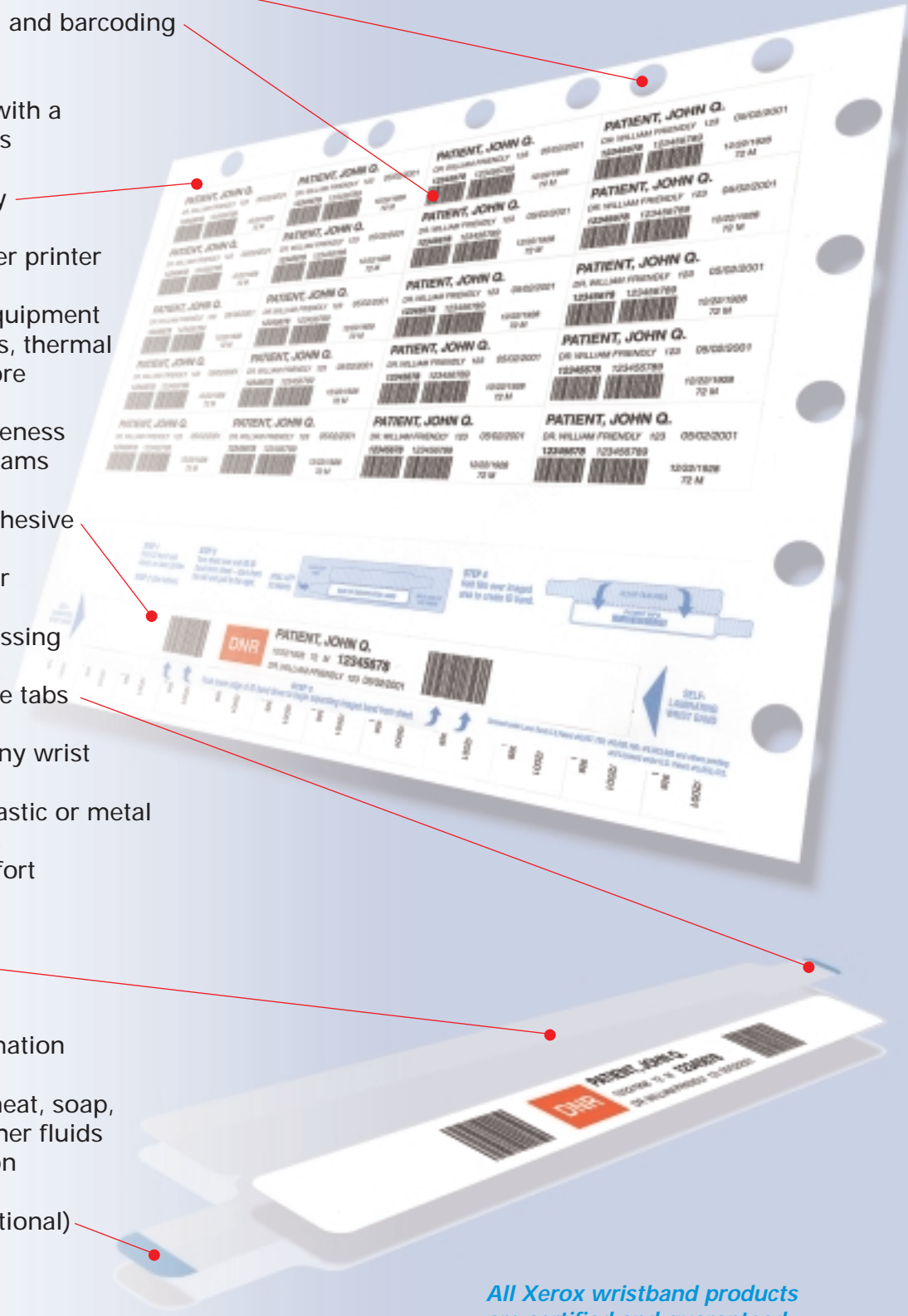
**Benefit:**

- Ensures durability
- Protects patient information with laminate overlay
- Resists the effects of heat, soap, alcohol, blood, and other fluids
- Prevents data alteration

**Feature:** Tamper Evident (optional)

**Benefit:**

- Enhances security



All Xerox wristband products are certified and guaranteed