



CASE STUDY

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Benefits of UDI

- Patient safety
- Personal health record
- Tracking of data for implants
- Data synchronization
- Recalls
- Standardized information
- Alternate products
- Supply replenishment
- Elimination of proprietary numbers



Personal Health Record

- Repository
 - Hospital
 - Primary care physician
 - Pharmacy
 - Dentist
 - Lab
 - Images
 - Claims



Tracking of Implants

- Products are scanned
- Information is captured in software
- Information is interfaced to other systems
 - Operating room, cath lab, clinical lab, etc.
- Eliminates the need to manually enter this information into the patient record
- Immediately identify and notify patients with recalled implants





Data Synchronization

- Bar codes are scanned
- Systems accept information
- Systems interface to each other to pass data
- Eventually pass data thru to payor (Medicare, etc.)
- Elimination of handwritten notes therefore errors

Improved Recall Process

- Capture data at point of receipt
- Scan to patient at point of use
- Ability to notify patients who have received recalled products
- Ability to pull recalled items from stock locations quickly and efficiently
- Ability for FDA/Manufacturer to notify hospital in a timely manner



Supply Replenishment

- Accurate ordering of replacement stock
- Standardized information by which clinicians and materials handling staff speak the same “language”
- Elimination of proprietary numbers



Challenges



- Bar codes of different symbologies – systems may not accept
- Not all products are bar coded – staff has to “think” about what to scan or not
- Systems must have ability to store information
- Systems must have capabilities to separate fields, i.e. UDI/Lot#/Serial#
- Changes to HIPAA?

Opportunities



- Standardized formatting
- Linkage of catalog # imbedded in UDI
- Centralized repository
- Recall efficiency
- Improved accuracy of Electronic Health Record
- Potential to harmonize device attributes for comparative effectiveness research



Questions