Bar Code Medication Administration (BCMA)

Safe, Effective Bedside Patient Drug Order Verification

Codonics Safe Label System (SLS) barcode technology brings your patient floors closer to your BCMA initiatives. SLS barcoded medication labels enable integration with existing EMR (electronic medical record) and BCMA systems to enhance the safety and effectiveness of drug order verification during preparation, at the bedside, and beyond.

Once the physician enters a medication order (CPOE), the nurse can conveniently review the patient record and prescribed drug list and prepare each drug for that patient. Using SLS Point of Care Station (PCS), the nurse scans the medication container and is presented with audible and visual feedback of the drug name and concentration. SLS PCS barcoded medication labels are immediately printed and then applied to the prepared dose container by the nurse. This ensures syringes, IV bags, and other medications are clearly labeled and compliant with The Joint Commission (TJC) requirements. Labels include the drug name, preparer initials, date and time of expiration, concentration, total dose and volume and diluent (if required), any formulary-based messages or alerts about the drug, and a barcode for integration with the entire hospital system.

KEY BENEFITS

Advantages of Safe Label System Enhanced BCMA Workflow

• Multiple CPOE-validated medications for a patient can be prepared and labeled at the nursing station and then delivered to the bedside at the same time to improve nursing efficiencies

• Safely label and barcode medications at the nursing station for delivery and verification at the bedside through barcode automation

• Barcode on the SLS medication labels enable electronic confirmation of the five rights of medication administration

• Labels are compliant with TJC requirements and ASA color guidelines, and eliminate the need for handwriting

• Helps reduce the most common medication errors, including vial and ampoule swaps, mislabeling, and syringe swaps

• Every SLS label includes a barcode that when integrated with the EMR helps meet BCMA and Meaningful Use initiatives

"SLS is deployed in our ORs, anesthesia areas and in our medical/surgical unit where it is seamlessly integrated with our EMR for barcoding at the bedside. We can quickly, conveniently and accurately label our medications for syringes and IVs anywhere. SLS has improved patient safety and become an invaluable tool for our clinicians."
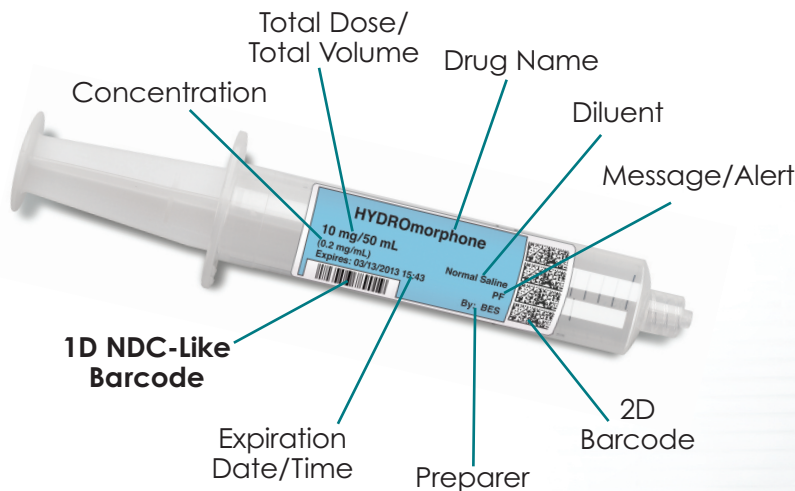
Sal Morana, RPh, PhD
Chief Operating Officer, Porter Medical Center

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All prepared barcoded drugs are transported to the patient's room by the nurse who also confirms the patient's identification by first scanning the patient's wristband and then the barcode on the medication/syringe label to confirm the drug order in the EMR. Upon successful confirmation of the patient and the medication(s), the EMR is updated for the delivery of the medication to the patient for CPOE fulfillment record keeping. Preparation of medication labels using SLS barcode technology allows you to close the drug order loop at the point of administration.

Every SLS label includes a barcode that when integrated with the EMR can meet BCMA initiatives as acknowledged by ARRA (American Recovery and Reinvestment Act), APSF (Anesthesia Patient Safety Foundation), and other professional organizations.

Concentration

Total Dose/
Total Volume

Drug Name

Diluent

Message/Alert

HYDROmorphone
10 mg/50 mL
(0.2 mg/mL)
Expires: 03/13/2013 15:43
Normal Saline
PF
By: BES

**1D NDC-Like
Barcode**

Expiration
Date/Time

Preparer

2D
Barcode

SLS barcoded medication labels enable integration with existing EMR and BCMA systems to enhance the safety and effectiveness of drug order verification at the bedside and beyond.

SLS Point of Care Station (PCS) identifies medications and prints barcoded medication labels

SLS 500i

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