

Anesthesia Information Management Systems (AIMS)

Adds safety checks and simplifies electronic documentation

In the fast-paced environment of the OR, ensuring syringes are consistently labeled and in compliance with TJC standards and ASA guidelines can greatly reduce the chance of error. The three most common medication errors which occur in the OR include ampoule and vial swaps, mislabeling or illegible labeling, and syringe swaps. Safe Label System SLS 500i Point of Care System fits conveniently in the OR workflow to help eliminate medication errors while simplifying the electronic documentation process when integrated with AIMS systems. Together the systems can provide additional safety checks including on-demand, automated identification and documentation of the medication at the time of delivery.

At the point of care, SLS Point of Care Station (PCS) uses barcode technology to read information from drug containers and electronically identify it against the pharmacy's approved drug database. The system automatically prints an easy-to-read, full-color label eliminating the need for handwriting. The clinician can swiftly and safely label any medication on demand to meet compliance and assure patient safety. Every medication label prepared by SLS PCS includes a 2D barcode that can be scanned at the SLS PCS or AIMS prior to administration as recommended by the APSPF. This additional safety check provides identification of each syringe to be administered and, on the AIMS, can warn clinicians if a drug is expired, if the patient has allergies to a specific drug, or if there are any adverse drug interactions.

KEY FEATURES



Medications labeled with the SLS PCS can be scanned prior to administration, greatly reducing the potential for errors

Safe Label System and AIMS Integration

- SLS reduces the three most common medication errors in the OR including vial/ampoule swaps, mislabeling/illegible labeling, and syringe swaps
- Safely label drugs in the perioperative environment and easily integrate with AIMS by simply scanning the 2D barcode on the syringe label
- Aligns with the APSPF new paradigm and recommendation that every anesthetizing location should have a mechanism to identify medications during drug preparation (on SLS) and administration (on SLS or AIMS)
- Confirms the right drug and intended purpose during surgical procedures
- Simplifies electronic documentation at the AIMS and improves safety by eliminating several key presses and the possibility of selecting the wrong drug
- SLS PCS labels are color-coded based on ASA-defined drug classification and include drug name, concentration, total dose/total volume, preparer's name, preparation and expiration date and time, any messages or alerts about a drug, and a barcode for simplified AIMS integration
- All medications prepared on SLS PCS are in compliance with TJC and ASA guidelines consistent with ISO 26825, ASTM 4774 and APSPF
- Ensures hospital policies, international standards and best practices are utilized every time medications are prepared using SLS

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