Closed Loop Dose Accountability

Streamline the Controlled Substance Reconciliation Process

Maintaining accountability for controlled substances stored and dispensed in automated dispensing cabinets in patient care areas or perioperative settings can be time consuming.

Advanced interoperability between Omnicell's dispensing systems and key electronic health record (EHR) systems provides a better way. Our Closed Loop Dose Accountability speeds up day-to-day reconciliation of controlled substances by automatically identifying variances between medications dispensed from the cabinet versus those documented as administered in the EHR and/or wasted at the cabinet

Closed Loop for Anesthesia

Anesthesia Provider Benefits

Anesthesia providers can't afford to be slowed down by documentation and administrative tasks associated with medication dispensing. Available for Epic EHR users, our closed loop functionality with the XT Anesthesia Workstation™ automates the process for reconciling controlled substances used, wasted, or transferred to another provider.

- **Eliminate double documentation**: No need to document medication administration in the EHR and Anesthesia Workstation

- **Eliminate zero waste documentation**: No action is needed for zero waste, which accounts for typically **80%** of dispenses

Pharmacy Benefits

Instead of static reports, user-friendly dashboards deliver the analytics and insights pharmacy needs to identify risk among providers and quickly reconcile discrepancies.

- **Automatically close the loop on controlled substances**: Save time with an automated and intuitive reconciliation process that highlights variances and improves waste compliance

- **Reduce time spent resolving discrepancies**: Streamline investigation and auditing processes with a holistic view of provider activity

XT Anesthesia Workstation

Baptist Health (Indiana)
Waste Auditing Improvement

BEFORE

10%
of waste transactions audited retrospectively on a monthly basis

AFTER

100%
of waste transactions audited in real time on a daily basis, in less time

Closed Loop for Nursing

Advanced integration with Epic and Cerner EHRs enables a real-time Issue vs. Administration report for tracking medications issued and administered, along with wastes and returns.

The loop is closed on a medication order when the reconciliation shows that the amount issued was administered, wasted, or returned, with no outstanding balance. For items that do not balance, filtering options are available to aid in resolving issues.

Nursing Benefits

- End of shift report identifies outstanding waste, saving documentation time

- Waste transactions at the cabinet are auto-populated with EHR administration amount to support compliance, accuracy, and efficiency

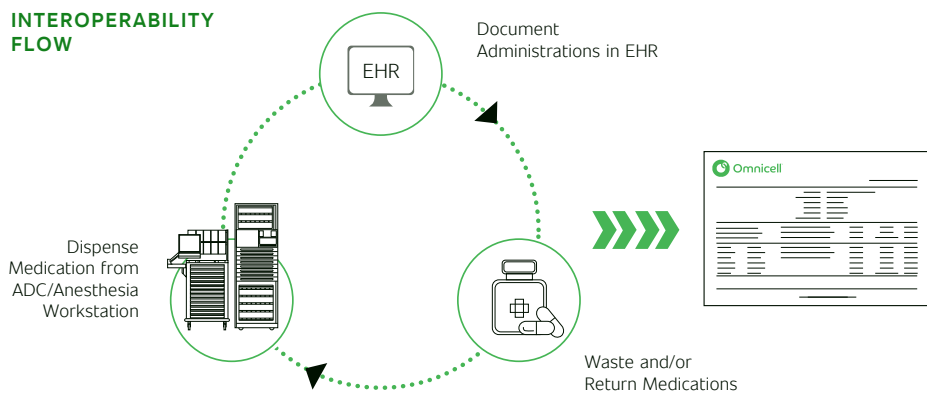- Reported monthly time savings of **74%** for nursing

Pharmacy Benefits

- Increased vigilance and accountability for controlled substances

- Automated reconciliation data from a single source versus manual random spot checks allows for comprehensive controlled substance management

- Reported monthly time savings of **80%** for pharmacy

Two-Cell XT Automated Dispensing Cabinet

INTEROPERABILITY FLOW

EHR

Document Administrations in EHR

Dispense Medication from ADC/Anesthesia Workstation

Waste and/or Return Medications

Omnicell

Visit Omnicell.com to learn more today.