Virtually Eliminate Narcotic Countbacks

The OmniDispenser™ single-dose dispensing system provides a unique, highly efficient solution for controlled substances that virtually eliminates the need for nurses to conduct time-consuming countbacks.

A Smarter Way to Secure Medications

The OmniDispenser system increases control and security over medications, which is especially important for controlled substances and high-value medications. Medications are securely stored in the OmniDispenser module within the cabinet, and each dose is dispensed individually, so nurses only have access to the specific quantities requested. In addition to discouraging diversion, the system supports compliance with the Joint Commission and other regulatory standards.

Nurse-Friendly Efficiency

One of the greatest drains on a nurse’s time is the tedious narcotic counts at the automated dispensing cabinet—and the inevitable recounts needed to resolve discrepancies. Not only does this task keep a nurse away from patient rooms, but it also contributes to congestion at the cabinet, which puts other nurses behind.

Because the OmniDispenser system offers true unit-dose dispensing, manual countbacks to confirm remaining inventories of controlled substances are all but eliminated, saving hours of time each day. By electronically tracking each dose, the system also spares nurses from additional manual documentation.

“If a nurse needs one dose of morphine, she gets one dose only. So there’s no need to do a count to verify and there’s less potential for diversion. We’ll no longer need nurses to count controlled substances at the end of their shifts.”

Dave Hicks, RPh, MBA, Vice President and Chief Pharmacy Officer University of Chicago Medical Center
Flexible Configurations
• The OmniDispenser module can be configured into a variety of Omnicell cabinet sizes.
• Accommodates most unit-dose packaged oral solids, 1 mL, 2 mL, and 5 mL vials and amps, as well as 1 mL and 2 mL syringes.

Enhances Inventory Management for Pharmacy
• Improves restocking accuracy.
• High capacity: holds more than 1,100 individual doses.
• Automatically rotates inventory on a first-in, first-out basis.

Highly Accurate
• A survey by a hospital using the OmniDispenser found 99.9% accuracy in dispensing narcotics, practically eliminating any discrepancies.¹

How much can you save by eliminating narcotic countbacks?
Consider a typical three-hospital health system that manages 3,900 controlled substance doses per day.²
• Each countback takes approximately 10 seconds per controlled substance issue.³
• Approximately 1% of controlled substance doses result in discrepancies that must be resolved by nurses and pharmacists.
• It is estimated that each discrepancy takes 20 minutes of nursing time and 10 minutes of pharmacy time.⁴

Annual Costs

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<tbody>
<tr>
<td>Countbacks (Nursing)</td>
<td>3,900 doses x 10 seconds = 10.8 hours per day</td>
<td>= 3,942 hours per year</td>
<td>x $33 hourly nursing salary</td>
<td>= $130,086</td>
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<tr>
<td>Discrepancies (Nursing)</td>
<td>39 discrepancies per day x 20 minutes = 13 hours per day</td>
<td>= 4,745 hours per year</td>
<td>x $33 nursing hourly salary</td>
<td>= $156,585</td>
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<tr>
<td>Discrepancies (Pharmacy)</td>
<td>39 discrepancies per day x 10 minutes = 6.5 hours per day</td>
<td>= 2,373 hours per year</td>
<td>x $57 pharmacist hourly salary</td>
<td>= $135,261</td>
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<td>Total:</td>
<td></td>
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<td>= $421,932</td>
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¹ Data on file at Omnicell.
² Assumes hospitals have 300-350 beds and system processes 13,000 doses per day. Omnicell customers have estimated that about 30% of all doses are controlled substances.
³ Time and motion studies conducted by Omnicell as well as customer estimates indicate a range of 8-20 seconds per countback.
⁴ Discrepancy estimates are based on time and motion studies conducted by Omnicell as well as data from customers.

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