


GREENVILLE HOSPITAL SYSTEM
UNIVERSITY MEDICAL CENTER
ghs.org

The Holy Grail for Bar Codes

Ensuring Bar Code Readability in All Pharmacy Databases

Richard Capps, PharmD




GREENVILLE HOSPITAL SYSTEM
UNIVERSITY MEDICAL CENTER
ghs.org

HIMSS Pharmacy Informatics Task Force

Often, **barcoded medications are obtained through multiple channels and used with multiple systems** creating a complex management scenario.

- Managing a Barcoded Medication Inventory

HIMSS 2007 Pharmacy Informatics Task Force: Managing a Barcoded Medication Inventory.




GREENVILLE HOSPITAL SYSTEM
UNIVERSITY MEDICAL CENTER
ghs.org

Inaccurate bar code mapping

- Contract changes
- Product shortages
- Wholesaler generic substitutions
- Changes in vendor bar code content
- Formulary changes
- Internal repackaging errors

HIMSS 2007 Pharmacy Informatics Task Force: Managing a Barcoded Medication Inventory.



GREENVILLE HOSPITAL SYSTEM
UNIVERSITY MEDICAL CENTER
ghs.org

Multiple Databases

- Siemens, Omnicell, AutoMed each have their own cross-reference file.
- GHS needed a better process for ensuring that new products were added to each cross reference file before the product reached the active inventory.

Automated Cross Reference Checking

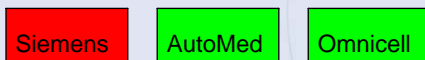


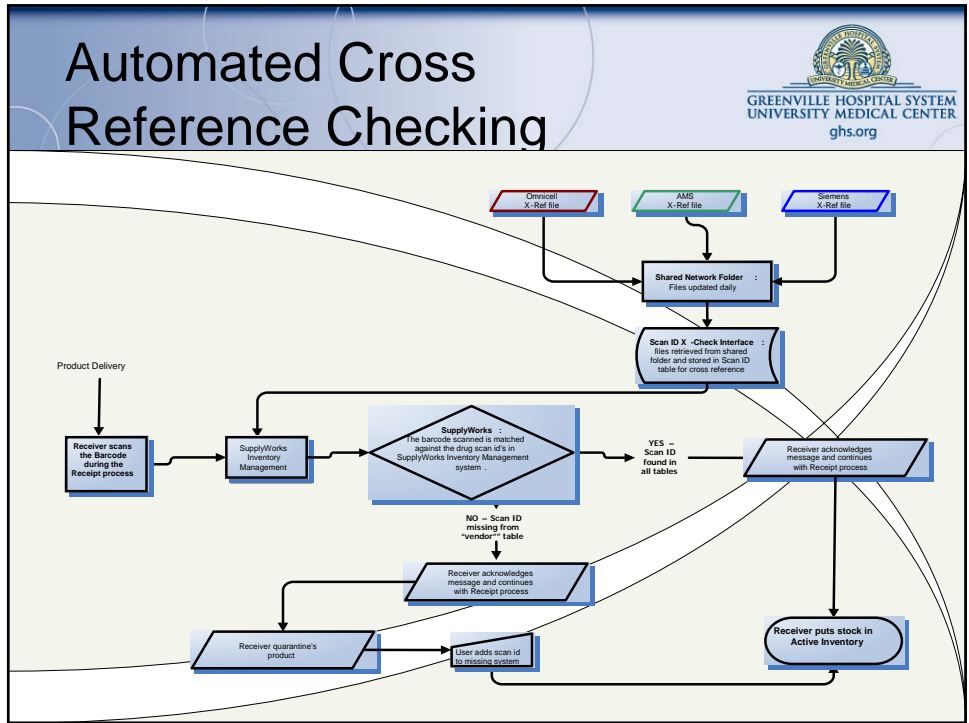
- D-21 / SupplyWorks
- Automatic cross-reference check as part of electronic invoice matching.
- Must be specific for each cross-reference file; Siemens, AutoMed, Omnicell.

Automated Cross Reference Checking




1. Each item will be scanned as part of the normal receiving process.
2. The scan code is compared to a copy of a cross reference file from each system.
3. Results of the comparison are displayed in a color coded format.





Automated Cross Reference Checking



GREENVILLE HOSPITAL SYSTEM
UNIVERSITY MEDICAL CENTER
ghs.org

Barcode Receiving

Product SCAN ID: 0006003101 Filter Result By Location: [Dropdown] [Close]

PO	Line	Locatio	Product ID	Um	Units	Order	Open	Description
PH-81008401	1	MTS	963645	BT	100	8	8	ACYCLOVIR

Receive Line Item

PH-81008401

Product Description: ACYCLOVIR 200MG CAP

Vendor Product ID: 963645

UM: [BT] Units: [100] Ordered Qty: [8]

Enter the Receive Qty: [8] Lot: [] Expiration Date: [10/23/2008]

[Save] [Restore]

Carousel Status

Unit: []

Current Shelf: []

Product Location

Shelf: []

Compartment: []

Sub-Compartment: []

OOH


Adjust [153]

NDC Validation

APPLICATION > NDC

epic

Orioncel > 0006003101



Richard Capps, PharmD
Pharmacy Manager, GMMC Campus
Greenville Memorial Hospital
Department of Pharmacy
701 Grove Road
Greenville, SC 29605

RCapps@ghs.org