**MUHC OUTDATED SUPPLIES IMPROVEMENT**

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**Report Date:** April, 2013

**Strategic Alignment:**  
- **Finance** - Reduction in wasted supply costs due to outdated supplies  
- **People** - Standard process to help staff know what to do with outdated supplies  
- **Quality** - Patient centered approach to ensure patients are not exposed to outdated supplies

### Aim Statement

To develop a standardized process for handling, quantifying, and reducing outdated supplies throughout MUHC by July 1, 2013.

### Specific Measures

- # of expired, short dated, and early disposed items collected
- $ of expired, short dated, and early disposed items collected
- # of Par vs. Non-Par items collected
- # of participating locations
- Top supply categories that need intervention

### Problem Statement

- For three years, outdated supplies have been the most cited compliance issue in health care institutions
- Lack:
  - understanding of extent of outdated supplies problem
  - systematic process for handling outdated supplies
  - system-wide policy and procedures
  - definitions for outdated supplies – expired and short dated
  - See Figure 1 for causes of outdated supplies.

### Initial Pilot

- Developed a systematic process to handle expired and short-dated supplies.
- Collect baseline data on the amount and types of outdated supplies that exist
- Pilot sites identified as WHC Main OR, 4 East, Urgent Care, and Green Meadows

### Expanded Pilot

- Expanded pilot process throughout MUHC

### General Interventions

- Reviewed individual locations in search of best practices.
- Defined expired and short dated items.
- Defined expiration dates for items with only a manufactured date.

### Initial Pilot

- Developed data collection form
- Developed bins for collecting outdated supplies (Figure 2)
- Developed a trial process to collect outdated supplies and record data for collections (Below, Figure 3 for Details)

### Expanded Pilot

- Developed policy and procedures for handling outdated supplies (EOC-58, Effective 12/21/12).
- Expanded pilot to CV Cath Lab, CV Diagnostic Lab, UH Main OR, and WCH Labor and Delivery at the beginning of August 2012
- Full MUHC rollout of outdated supply bins and process in November 2012.

### Next Steps

- Develop plans for addressing top 5 supply categories in coordination with the Par Optimization Project including a plan for Pathology and Redistribution to develop improved Blood Tube delivery methods
- Work with top participating locations to adjust inventory levels for top items
- Continue to educate locations to use the bins and investigate whether decline in numbers (Figure 4) is due to reaching a steady state or lack of participation through an additional two months of data collection
- Add slide to MUHC screensavers as a reminder to use the bins
- Develop long-term data collection and monitoring plans
- Develop labeling system that indicates which items need to be checked during monthly audits

**Graphics / Data**

**Figure 1**

**Figure 2**

**Figure 3**

**Figure 4**

- **Outdated Supplies Collected from Bins (A expired, short-dated, and early removed)**
- **Dollar Value of Outdated Supplies Collected from Bins (A expired, short-dated, and early removed)**