**4th Quarter FY 2012 Pyxis Audit Report**

**SUMMARY**

For the months of July, August, and September audits were performed on 10% of all “High Cost and High Usage” medications stocked in within 13 Pyxis stations checking for inventory accuracy and expiration date status. A total of 280 medications were audited (18 controlled substances, 262 non-controlled substances). 280/280 (100%) medications had acceptable expiration dates. 261/280 medications showed the expected quantity and actual quantity to be the same, which demonstrates a compliance rate of 93%. All medications found with a balance discrepancy were non-controlled substances. 100% of discrepancies were corrected accordingly. The specific review findings of balance discrepancies and a list of expired medications removed from the Pyxis units follow:

**Breakdown by Unit**

1. ***P2S*** – (40 drugs total, 3 Controlled substances) 37 of 40 drugs audited and matched accurately for quantity and 40 of 40 had acceptable expiration; Discrepancy: Acetaminophen 325mg Expected 79, Found 77; Aspirin 325mg —Expected 10, Found 11; Ipratropium INH SOL Expected 26, Found 27 92.5% Accuracy rating Audit completed on 9/17/12.
2. ***Primcare*** – (4 drugs total, no controlled substances) 4 of 4 drugs audited and found to have acceptable expiration date and matched accurately for quantity; 100% Accuracy rating Audit completed on 9/11/12.
3. ***Prim Care IV*** – (3 drugs total, no controlled substances) 3 of 3 drugs audited and found to have acceptable expiration dates and all drugs matched accurately for quantity. 100% Accuracy rating completed on 8/9/12.
4. ***Rehab2W*** – (18 drugs total, 0 controlled substances) 18 of 18 drugs audited and found to have acceptable expiration dates and 15 of 18 drugs matched accurately for quantity; Discrepancy: Docusate Sod 100mg —Expected 13, Found 12; Guaifenesin 200mg/10mL—Expected 3, Found 4; vitamin therapeutic tabs—Expected 7, Found 8; 83% Accuracy rating completed on 8/7/12.
5. ***P61W*** – (25 drugs total, 1 controlled substances) 25 of 25 drugs audited and found to have acceptable expiration dates and 21 of 25 drugs matched accurately for quantity. Discrepancy: Polyethylene Glycol —Expected 42, Found 32; Albuterol/ Ipratropium INH 3ml soln—Expected 63, Found 54; Docusate Sod 100mg syrup—Expected 15, Found 14; Lactulose 20mg/30mL—Expected 29, Found 22 84% Accuracy rating completed on 9/13/12.
6. ***DOM*** – (23 drugs total, 7 controlled substances) 23 of 23 drugs audited were found to have acceptable expiration dates and 23 of 23 drugs matched accurately for quantity. 100% Accuracy rating completed on 9/14/12.
7. ***Recovery*** – (19 drugs total, 0 controlled substances) 16 of 19 drugs audited matched accurately for quantity; however, 19 of 19 drugs had acceptable expiration dates; Discrepancy: Acetaminophen 325mg—Expected 54, Found 48; Guaifenesin 200mg/ 10mL—Expected 16, Found 14; Guaifenesin DM—Expected 10, Found 11; 84% Accuracy rating completed on 8/7/12.
8. ***Acute Psych*** – (38 drugs total, 0 controlled substances) 36 of 38 drugs audited and matched accurately for quantity while 38 of 38 drugs were found to have acceptable expiration dates; Discrepancy: Quetiapine 100mg —Expected 32, Found 33; Ranitidine 150mg—Expected 19, Found 18; 95% Accuracy rating completed on 8/14/12.
9. ***P3SW*** – (26 drugs total, 0 controlled substances) 25 of 26 drugs audited and found to have acceptable expiration dates and 25 of 26 drugs matched accurately for quantity. Discrepancy: Lactulose 20mg/30mL —Expected 6, Found 8; 92% Accuracy rating complete on 8/9/12.
10. ***EMPH*** – (4 drugs total, no controlled substances) 4 of 4 drugs audited and matched accurately for quantity and all audited drugs had acceptable expiration dates. 100% Accuracy rating completed on 9/11/12.
11. ***Hosp2E*** – (23 drugs total, 0 controlled substances) 23 of 23 drugs audited and found to have acceptable expiration dates and 23 of 23 drugs matched accurately for quantity; 100% Accuracy rating completed on 7/30/12.
12. ***P61S*** – (35 drugs total, 0 controlled substances) 32 of 35 drugs audited and matched accurately for quantity and 35 of 35 drugs were found to have acceptable expiration dates. Discrepancy: Acetaminophen 325mg — Expected 53, Found 51; Gabapentin 300mg — Expected 13, Found 15; Polyethylene glycol 17gm pwd – Expected 42, Found 40. 91% Accuracy rating completed on 8/14/12.
13. ***4SARRTPBU*** – (22 drugs total, 4 controlled substances) 22 of 22 drugs audited had acceptable expiration dates and 22 of 22 drugs matched accurately for quantity. 100% Accuracy rating completed on 9/14/12.

Plan of Action: Continue to monitor quarterly for trends in expired medications and quantity discrepancies. Will report findings to Chief of Pharmacy service and QA Pharmacist as needed.