

Medication Error Reduction Plan 2024 SUMMARY

Performance Element	Goal	Monitoring
<u>Element 1:</u> Prescribing	Ensure medications are reconciled across the continuum of care	<ul style="list-style-type: none"> • # of med errors reported without performing proper med rec • Unintentional discrepancies/home medications
<u>Element 2:</u> Prescription order communication	Reduce the use of inappropriate verbal orders	<ul style="list-style-type: none"> • Verbal orders with read back/total medication orders. • Incidence of non-emergent verbal orders (random audit: #30/month)
<u>Element 3:</u> Drug Product Labeling	Ensure that all un-labeled medications are labeled before a procedure	<ul style="list-style-type: none"> • OR labeling audit (NPSG 03.04.01)
<u>Element 4:</u> Packaging & Nomenclature	Recognize the medications that are at risk for Look-Alike/Sound-Alike and ensure safety measures are in place so as not to confuse them	<ul style="list-style-type: none"> • Number of LASA med errors/100,000 doses dispensed
<u>Element 5:</u> Compounding	<ol style="list-style-type: none"> 1. Ensure medications that are compounded within the pharmacy are labeled accurately and prepared following USP <797> and USP<800> guidelines. 2. Ensure the environment and equipment used in sterile compounding is properly maintained with corresponding documentation 	<ul style="list-style-type: none"> • Quality assurance of compounded sterile products • Audit of sterile compounding products • Audit of procedural workflows (EVS and pharmacy) • Audit of sterile compounding documentation
<u>Element 6:</u> Dispensing	<ol style="list-style-type: none"> 1. Monitor Pyxis overrides to ensure medications are delivered in a safe and timely manner. 2. Ensure medications are within date 	<ul style="list-style-type: none"> • # of Pyxis overrides/# of medication removes from Pyxis • Pharmacy Pyxis override audit • # of expired medications/# of medications reviewed

<u>Element 7: Distribution</u>	2. Ensure medications are appropriately loaded into Pyxis.	<ul style="list-style-type: none"> Pyxis refill: barcode scanning compliance
<u>Element 8: Administration</u>	<ol style="list-style-type: none"> 1. Improve the use of Barcode Administration rates across all of the inpatient care areas. 2. Ensure safe and appropriate medication administration 	<ul style="list-style-type: none"> Bar code administration rates Med Pass Observation Audits Alaris Pump Audit (Basic vs guardrail infusion)
<u>Element 9: Education</u>	Strive to involve Pharmacy in medication education within the acute care setting	<ul style="list-style-type: none"> Pharmacy led education (Orientation, Nursing new hire, Skills labs, Residency fair, Residency Core Conference, ICU, and ID RPh in-services)
<u>Element 10: Monitoring</u>	<ol style="list-style-type: none"> 1. Report and monitor Medication Events and Adverse Drug Reactions 2. Reduce harm from anticoagulants. 3. Pain assessment and ensure pre/post pain scores are documented. 	<ul style="list-style-type: none"> # of med errors reported/100,000 doses dispensed # of med errors that reached the patient & caused harm #ADR reported/100,000 doses dispensed #ADR related to moderate and deep sedation Monitor incidence of major bleed, recurrent clot, and days of therapy Monitor pre/post pain documentation compliance
<u>Element 11: Medication Use</u>	<ol style="list-style-type: none"> 1. Ensure antibiotics are properly dosed and given preoperatively and re-dosed intra-operatively. 2. Increase the safety around the use of insulin and monitor hypoglycemia and identify hyperglycemia in our patients with diabetes 	<ul style="list-style-type: none"> Antibiotic audit: Right drug, dose, & timing Diabetes committee reports

Approved by Patient Safety Committee 2/2024 and Pharmacy and Therapeutics Committee 2/2024