

ADVERSE DRUG EVENT (ADE) PREVENTION BUNDLE

ORDERING

- ◆ Medication Reconciliation
 - ◆ Perform medication reconciliation within 24 hours of admission
- ◆ Standard Order Sets
 - ◆ Use order sets for high risk medications and evidence based medicine guidelines
- ◆ Alert Fatigue Reduction
 - ◆ Monitor the number of alerts to reduce alert fatigue
- ◆ Dose Range Checking
 - ◆ Use customized dose range checking
- ◆ Ordering through Computerized Provider Order Entry
 - ◆ Use CPOE with computerized decision support direct to a pharmacy intervention database
- ◆ Pharmacist on Rounds
 - ◆ Include clinical pharmacists on inpatient rounds
- ◆ Pharmacy Intervention Data
 - ◆ Use pharmacists' intervention data
- ◆ Basic Alerts
 - ◆ Use alerting intended to avoid common medication ordering issues

DISPENSING

- ◆ Independent Verification
 - ◆ Prepare and dispense all applicable medication doses using Epic Dispense Prep and Check technology
- ◆ Dispensing Cabinet/Overrides
 - ◆ Dispense medications from the Omnicell via the patient specific profile and not in override, with the exception of emergency situations



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ADMINISTRATION

- ◆ Barcode Assisted Medication Administration
 - ◆ Use bar coding technology to match the patient identification information (ID band) to the correct medication, confirmed prior to administration
- ◆ Smart Pump/Guard Rails
 - ◆ Use infusion pumps with a drug library and alert functionality
- ◆ Smart Pump Data Analysis
 - ◆ Analyze and take action on identified gaps from smart pump data to minimize use of basic mode and alert fatigue
- ◆ Standard Medication Hand Off Process at Shift Change
 - ◆ Perform a handoff process with oncoming and off-going staff to verify that the medications being administered are correct compared to the order
- ◆ 5 Rights of Administration
 - ◆ Perform the 5 rights on each patient and on each medication administered
- ◆ Independent Double Check for High Risk Medications
 - ◆ Perform an independent double check by two licensed providers for all high risk medications
 - ◆ Primary Nurse:
 - ◆ Verifies and confirms weight based dosing is accurate
 - ◆ Independently prepares medication for administration and/or verifies medication against order
 - ◆ Brief double check nurse with patient and medication information
 - ◆ Double Check Nurse:
 - ◆ Checks dose, medication concentration, and volume against order
 - ◆ For infusions:
 - ◆ Confirms smart pump technology (Guardrails) is utilized
 - ◆ Confirms smart pump technology is programmed correctly
 - ◆ Verifies infusion set up is attached to the correct location and clamps are open

