

New Powder Vial Reconstitution Process

Go-Live December 9th, 2025

Scan the QR Code to complete the required HealthStream module



The new process relocates sterile diluents (water for injection/saline) from the supply room to the Pyxis to ensure the correct diluent is pulled with the medication vial. It requires nurses to scan the diluent and manually adjust the final dose and volume in the electronic documentation to reflect the actual reconstituted product being administered.

The drug and diluent will both show beneath the order on the MAR.

Why the Change?

- Enhance Patient Safety: This new process is designed to minimize the risk of medication errors associated with incorrect diluent usage and inaccurate dose/volume documentation.
- Ensure Correct Diluent: Moving the diluents into the Pyxis and linking them to the pull prompt creates a system-level check to help ensure the correct diluent (Sterile Water or Saline) is selected for reconstitution.

Locating Reconstitution Instructions

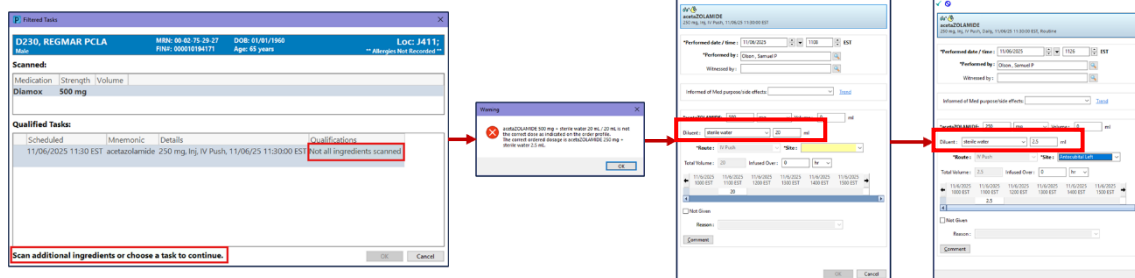
- Reconstitution can be found in the MAR Note. Left Click the push-pin symbol and select comments. Note the amount of the diluent needed for reconstitution. This will need to be documented when the medication is documented on the MAR.

At the Pyxis

- When the medication is pulled from Pyxis, the nurse will be prompted to also remove the diluent (sterile water or sterile saline).
 - Sterile Water and Sterile Saline will no longer be available in the supply room.
- Reconstitution should occur at the patient's bedside.
- Note: If a medication is removed using the Pyxis override function, the nurse will also need to override the diluent (sterile water or sterile saline).

Using the Bar Code Medication Administration (BCMA) Process

- Prior to administration, the nurse will scan the powder medication vial and the diluent (sterile water or sterile saline).
- Adjust the amount of diluent used to reflect the amount indicated on the MAR Note.





Clinical Updates

New Vial-2-bag Medication Conversions: Go-Live 12/10/25

- Amiodarone 150mg/100ml D5W (Bolus)
 - Amiodarone 150mg/3ml vial will be in Pyxis.
 - The D5W 100ml IV bag (Non-PVC bag) will be in Pyxis.
 - Vial-2-bag adapter will be in the nursing supply room.
- Amiodarone 450mg/250ml D5W (Drip)
 - Amiodarone 450mg/9ml vial will be in Pyxis
 - The D5W 250ml IV bag (Non-PVC bag) will be in Pyxis.
 - Vial-2-bag adapter will be in the nursing supply room.
- Vasopressin 20 units/100ml NS (Drip)
 - Vasopressin 20 units/1ml vial will be in Pyxis.
 - The NS 100ml IV bag and the vial-2-bag adapter will be in the nursing supply room.
- Vabomere (Meropenem/Vaborbactam) 2gm/250ml NS
 - This is a "restricted" medication and therefore will only be dispensed from the main pharmacy. It will be dispensed as a "kit" that contains the Vabomere vial, 250ml NS, and the Vial-2-bag adapter.

Methylprednisolone dose adjustment in Critical Care Plans: Go-Live 12/9/25

- Changed to reflect more standard doses of steroids for common ICU conditions. If higher doses are needed, they may be ordered outside of the standard ICU plan.
- Change from 125 mg, IV push Q6hr to 40 mg, IV push Q12H
- Change from 125 mg, IV push Q8hr to 40 mg, IV push Q24H
 - Removing addition dose

methylPREDNISolone (SoluMEDROL)		40 mg, Inj, IV Push, Q12HR, T;N
VTE Prophylaxis		40 mg, Inj, IV Push, Q12HR, T;N
☒ Venous Thromboembolism (VTE/DVT) Prophylaxis Pla... Planned Pen...		40 mg, Inj, IV Push, Q24HR, T;N

Traversing Wet and Icy Surfaces

Navigating wet and icy surfaces requires some careful consideration to avoid slips and falls. Here are some tips to help you stay safe:

- ❑ **Wear Appropriate Footwear:** Shoes with good traction and non-slip soles can make a big difference. Avoid smooth-soled shoes.
- ❑ **Take Small Steps:** Short, deliberate steps help you maintain better balance and reduce the risk of slipping.
- ❑ **Keep Your Hands Free:** Use your arms for balance, but avoid carrying heavy items that can affect your stability. Use the elevator when carrying bulky items.
- ❑ **Walk Slowly:** Rushing increases the risk of slipping. Take shorter steps at a slower pace.
- ❑ **Keep an Eye Out for Changing Surfaces:** Be aware of the surface you are walking on and adjust your pace when needed. If possible, walk on cleared paths or areas with gravel or sand.
- ❑ **Keep Your Feet Flat:** Walk flat-footed with your feet pointed slightly outward. This increases your contact area and stability. Penguin waddle!
- ❑ **Maintain a Wide Stance:** Spread your feet apart to increase your balance and lower your center of gravity.
- ❑ **Use Handrails:** If available, use handrails or other supports to help with balance.
- ❑ **Avoid Slippery Areas:** Look ahead to spot and avoid particularly slippery surfaces/icy patches.
- ❑ **Be Mindful of Black Ice:** Black ice is hard to see but can be extremely slippery. Be extra cautious in shaded areas or early in the morning.
- ❑ **Use Caution When Entering or Exiting Vehicles:** The areas around cars can be particularly icy. Take extra care when getting in or out.
- ❑ **Practice Falling Safely:** If you do slip and fall, try to fall with your body relaxed to reduce the risk of injury. Aim to fall on your side rather than your back or front.



**All accidents and injuries should be reported using Vigilanz. Call Mission WorkWell (828-213-9600) to be seen if medical attention is required as a result of your injury.