

## IV Fluid Conservation Update: Fentanyl Infusions

**WHEN:** Tuesday, December 3, 2024

**WHERE:** The change will affect the following venue(s):

- Acute/Inpatient (to include ED & Peri-Op)

**At the following NLH Member Organization(s):**

- All NLH organizations, excluding NL Mayo Hospital

**WHO:** The change will affect the following staff at the above noted locations:

- Inpatient Nursing
- Inpatient Providers
- Inpatient Pharmacists

**WHAT:** The **Witnessed by:** field at time of medication charting documentation for **Fentanyl 2500mcg/50ml**, was made required on **November 14** for **NL EMMC** as an emergency safety mechanism. On **December 3**, all **NLH member-organization hospitals using Cerner Millennium** will align in the following ways:

- IV Fentanyl infusions will transition from a compound of 2500mcg/250ml to a straight infusion of the drug from a 2500mcg/50ml vial.
- Only a single concentration option will be available to order fentanyl infusions with all additional options being removed. This includes orders within PowerPlans.
- All locations, NL EMMC included, the **Witnessed by:** field will be required for **Fentanyl 2500mcg/50ml**.
- The new concentration will be the only available option on infusion pumps: **Fentanyl 2500mcg/50ml**.
- New 2500mcg/50ml vials will be stocked in **Pyxis MedStation** in areas with high utilization.

- An alert will be added at **Pyxis MedStation** upon removal and inventory actions of the Fentanyl 2500mcg/50ml vial: **\*\*This is a new concentration of fentanyl, please double check pump concentration selection.\*\***
- See attached SBAR for additional information.

**NOTE:** Please contact your local inpatient pharmacy with questions or concerns.

**WHY:** To conserve IV fluids currently experiencing shortage and to add additional safety mechanisms for accurate and safe medication administration.

**HOW:** Follow normal ordering and documentation workflows, with special attention to alerts and required fields.

**\*\*PLEASE NOTE: This mailbox is not monitored.\*\***

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