From the Office of Health Informatics

Northern Light Health
Oracle Health (Cerner) Millennium EHR Updates

April 10 – April 16, 2025

Table of Contents

Behavioral Health Staff 3

Inpatient Only 3

Medication Manager: Manual Product Select Default 3

Patch Medication Ordering and MAR Task Updates 4

Clinical Decision Support Updates 6

Weekly Newsletter 6

Nursing, CNA, Medical Assistants 6

Emergency/Inpatient/Peri-Op 6

Patch Medication Ordering and MAR Task Updates 6

Patient-Controlled Analgesia (PCA) Interactive View and I&O Updates 8

Pharmacist Only Restricted PowerPlan Implementation – *effective 04/21/25* 10

Pharmacists & Pharmacy Technicians 12

Inpatient/ED/Peri-Op 12

Medication Manager: Manual Product Select Default 12

Patch Medication Ordering and MAR Task Updates 13

Patient-Controlled Analgesia (PCA) Interactive View and I&O Updates: Provider and Pharmacist Awareness 15

Pharmacist Only Restricted PowerPlan Implementation – *effective 04/21/25* 16

Physicians, Physician Assistants, Nurse Practitioners 18

Emergency/Inpatient/Peri-Op 18

Patch Medication Ordering and MAR Task Updates 18

Patient-Controlled Analgesia (PCA) Interactive View and I&O Updates: Provider and Pharmacist Awareness 20

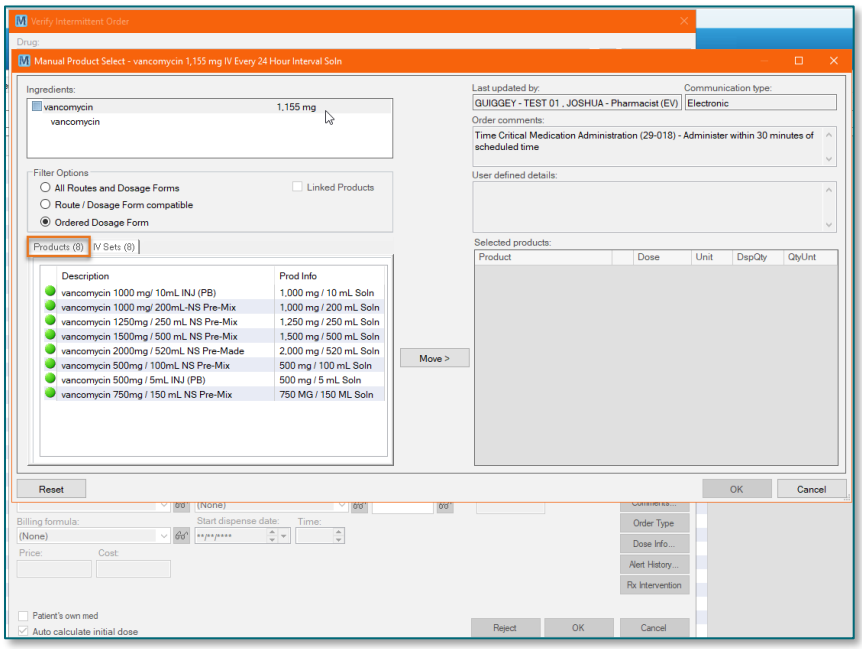
Pharmacist Only Restricted PowerPlan Implementation – *effective 04/21/25* 21

Behavioral Health Staff

Inpatient Only

Medication Manager: Manual Product Select Default

WHAT: Upon Verification, if **Manual Product Select** is needed based on order, **Products** tab will **be the default selection.**



WHY: Defaulting to **Products** tab will reduce inadvertent compounding performed by pharmacy when pharmacists select an IV Set. In the above scenario, there are available pre-made or pre-mix products that are not selected.

WHEN: **Monday, April 14, 2025**

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 Hospitals (excluding Mayo)

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

- Inpatient Pharmacists

Patch Medication Ordering and MAR Task Updates

WHAT: Patch Medications have a MAR task to remove the patch. A MAR task for **Patch-Off ONCE** will now correspond to the last administration, based on the timing of the medication.

Patch Medication	ONCE Patch-Off Timing
Buprenorphine	**7 day** offset from admin
Fentanyl	Either **48 hour** or **72 hour** offset based on Frequency on order
Lidocaine	**12 hour** offset from admin
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Background – Nursing

- Currently, MAR tasks can be scheduled tasks for a particular time of day, while others are visible in the PRN section of MAR.
- The MAR task for Patch-off will correspond to the time in which the patch medication was charted and applied.

NOTE: Nurses may have to look slightly ahead or behind current time on the MAR to locate the applicable Patch off task.

Pharmacist

- The update will allow the ONCE Patch-off order to auto-verify.
- Please be aware, with the update, you will no longer see the previous scheduled or PRN orders in verification queue when verifying medication order for a patch.

Provider

- **Nicotine and Scopolamine Patches**: a **new required field** will determine how long after patch application, it should be removed.
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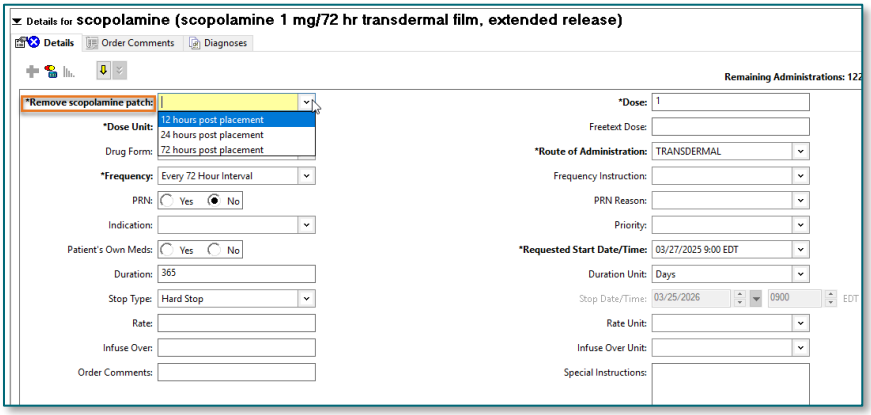

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WHO: **The change will affect the following staff at the above noted locations:**

- Nursing
- Pharmacists
- Providers

Clinical Decision Support Updates

Weekly Newsletter

- **Please reference our CDS Portal for additional information and previous newsletters.**
- **Any questions should be directed to our CDS Team for review.**

To open the links in the table, right-click and select "Open link in new tab."

Release Date	Venues Affected	CDS Tool	Summary
4/15/2025	All	Immunization Screening Alert	CDS Review. Updates to streamline alert including language modifications. Nursing only.
4/15/2025	Inpatient	Transfuse Adult Cryoprecipitate	CDS Review. Addition of indications to cryoprecipitate order
4/21/2025	Inpatient	PCA Patient Controlled Analgesia Adult	Removal of morphine pca. Information included on how to order outside of this plan, if the patient fails hydromorphone and fentanyl.
4/21/2025	Inpatient	PED PCA (Patient Controlled Analgesia)	Removal of morphine pca. Information included on how to order outside of this plan, if the patient fails hydromorphone and fentanyl.
4/21/2025	Inpatient	PED Palliative-Comfort Care	Removal of morphine pca. Information included on how to order outside of this plan, if the patient fails hydromorphone and fentanyl.

Nursing, CNA, Medical Assistants

Emergency/Inpatient/Peri-Op

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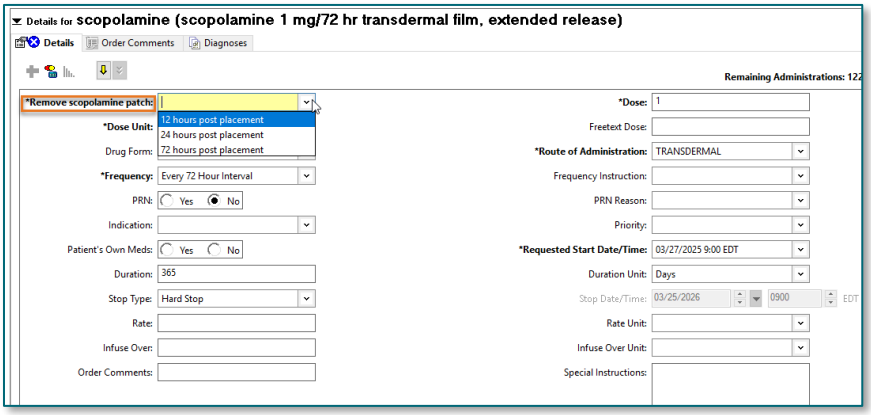

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WHO: **The change will affect the following staff at the above noted locations:**

- Nursing
- Pharmacists
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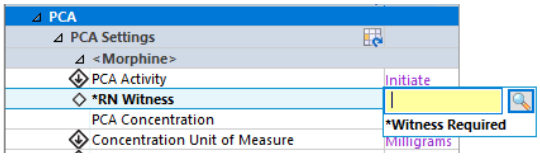
Patient-Controlled Analgesia (PCA) Interactive View and I&O Updates

WHAT: The **PCA** Interactive View I&O (iView) section will be updated to include new titles and logic to ensure accurate documentation of PCA medication administration.

All Modes:

- **PCA Activity**: when **Initiate**, **Pump Settings Checked**, or **Pump Settings Changed** is selected, the RN Witness will be required to enter their username and password.



- **Total Shift Delivered Drug** (mg/mcg) **replaces** the previous calculations of **Patient Request Dose** (Patient Request Mode)**, Background Volume** (Background Mode)**,** and **Total Drug Administered** (Background/Patient Request Mode).

  This field auto-calculates the total dose administered, e.g., for the mode Background/Patient Request Total Shift Delivered Drug = Total Continuous Dose Admin + Loading Dose Delivered + Total Requested Dose delivered.

  NOTE: A value is required in Loading Dose for the calculation to populate. If there is no loading dose, enter a zero (0).

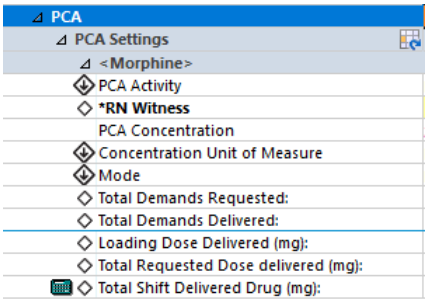
Patient Request and Background/Patient Request

- **Total Demands** will be updated to **Total Demands Requested**: the location to document the total *number* of demands the patient attempted.
- ***New*** **Total Demand Delivered**: the location to document total *number* of attempts that resulted in the patient receiving medication.
- **Loading Dose** will be updated to **Loading Dose Delivered**: the location to document the total Loading Dose administered (milligrams/micrograms) the patient received.

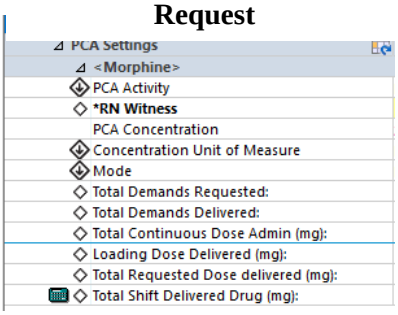
  NOTE: A value is required in Loading Dose for the calculation to populate. If there is no loading dose, enter a zero (0).

- ***New*** **Total Requested Dose Delivered:** the location to document the total dose administered (*milligrams/micrograms*), the patient received when requested (on demand).
- **Patient Request Volume** will be updated to **Total Shift Delivered Drug**: the total dose of medication received via PCA for the shift.

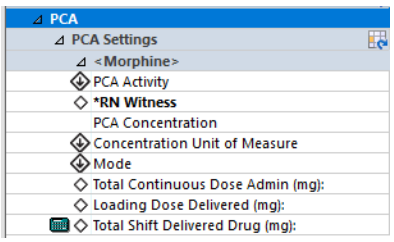
Patient Request



Background/Patient Request



Background



WHY: This documentation is changing to ensure the information entered accurately reflects of the total amount of medication administered, thus preventing medication errors and supporting pain management decision making.

WHEN: **Wednesday, April 16, 2025**

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 Hospitals (excluding Acadia and Mayo)

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

- Nursing

Pharmacist Only Restricted PowerPlan Implementation – *effective 04/21/25*

WHAT: A new PowerPlan type will be created that will allow ***only*** **Inpatient Pharmacists** to find and perform order-entry for certain, NLH-approved medications.

Orders Removed from Global Ordering

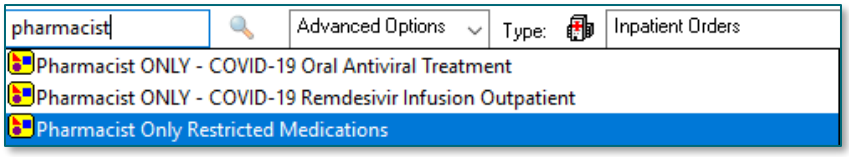
- The following medication orders will be **removed** from provider ability to search for and order at time of new plan type implementation.

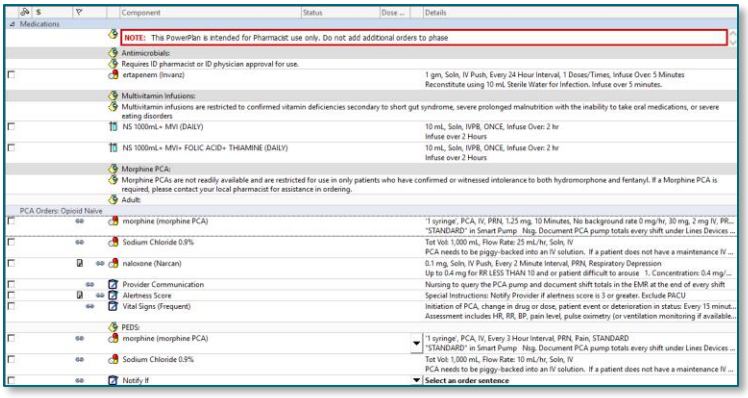
- Multivitamin Infusions
- Morphine Patient-Controlled Analgesia (PCA)
  - According to data, Fentanyl and Hydromorphone PCAs are used far more frequently than Morphine.
  - New PCA Pumps implemented start on April 22, 2025 are not compatible with current drug manufacturer produced Morphine PCAs.

NOTE: Order comments will be added to existing PowerPlans noting that removal has occurred and that a call to Pharmacy will be needed for Pharmacist order entry. Providers should not add additional orders to any phase of this plan.

Pharmacist Order Entry

- Pharmacists, upon request or prompt to do so, will need to search for **Pharmacist Only Restricted Medications** PowerPlan from PowerChart to enter orders from this plan.





WHY: The new PowerPlan type will allow inpatient Pharmacy staff to better manage medication orders for products that have specific reasons to be restricted and controlled by Pharmacy.

NOTE: An SBAR will be distributed by Pharmacy leaders to Chiefs of Service and Senior Physician Executives related to the removal of Morphine PCAs from general ordering.

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- Nursing

Pharmacists & Pharmacy Technicians

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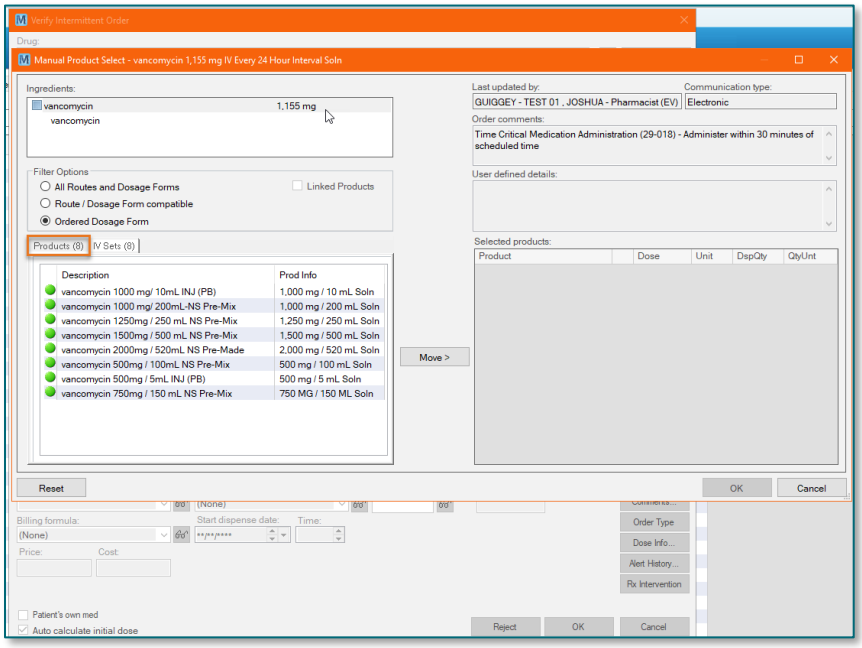

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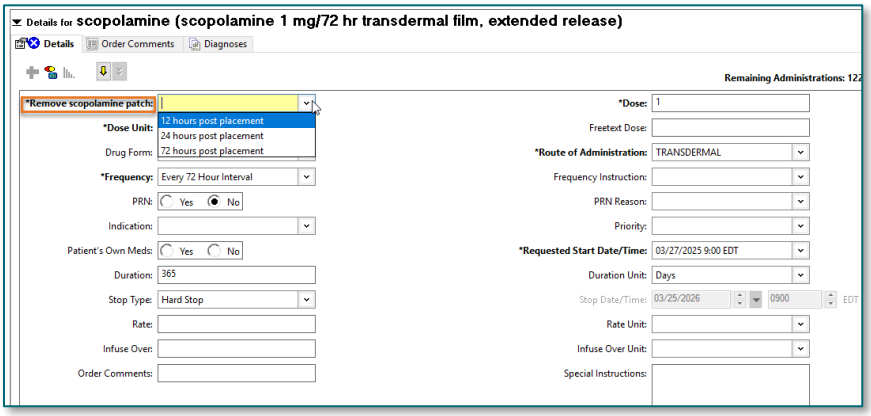

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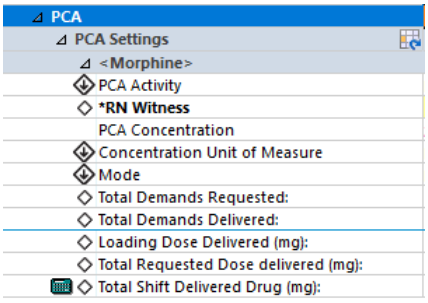
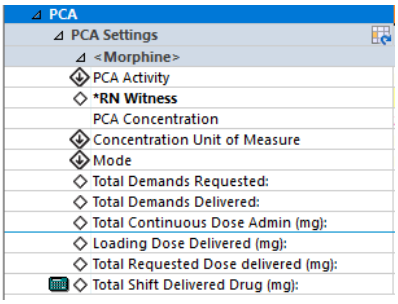


Background/Patient Request



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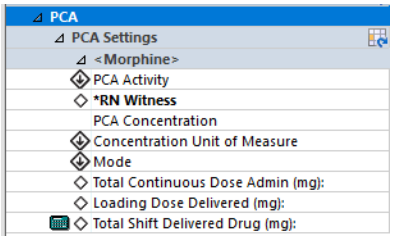

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WHERE: **The change will affect the following venue(s):**

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

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Pharmacist Only Restricted PowerPlan Implementation – *effective 04/21/25*

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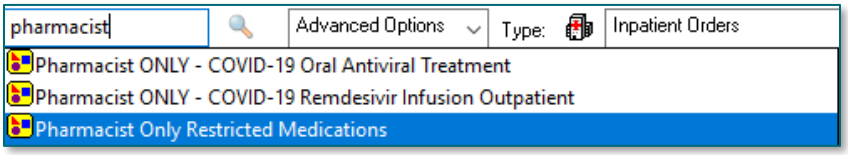

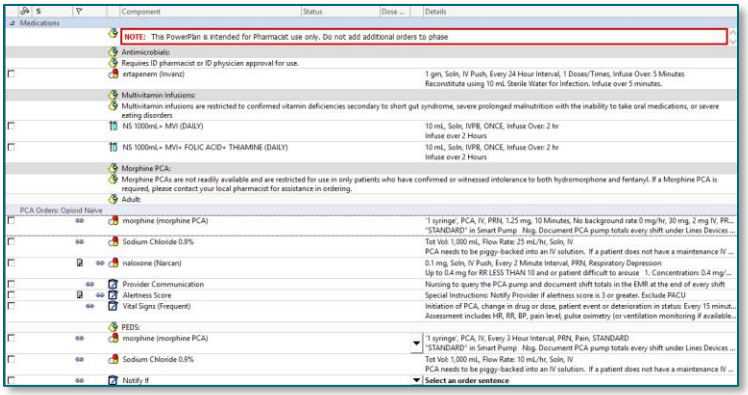

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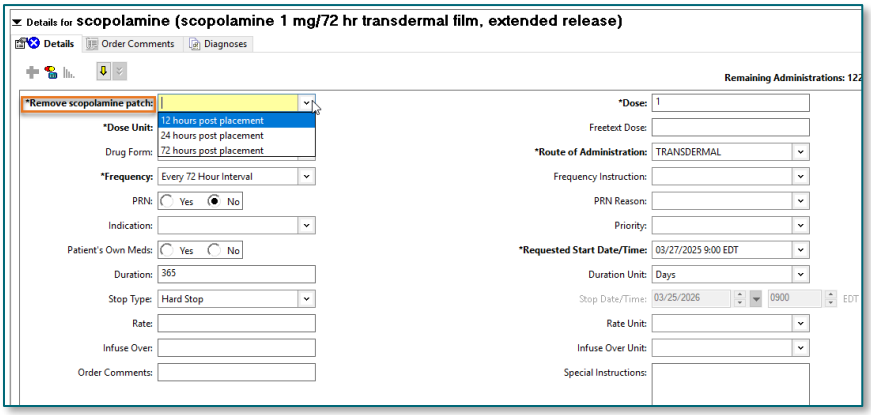

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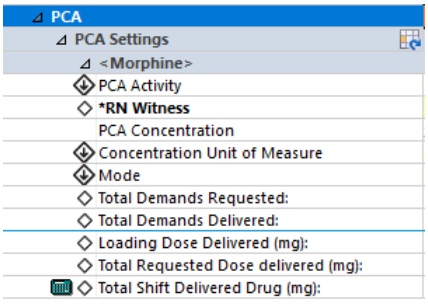

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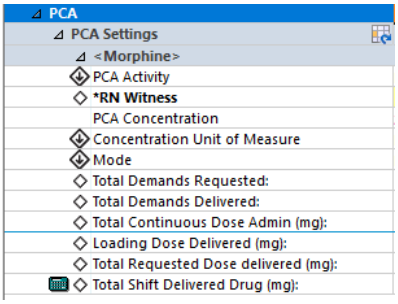

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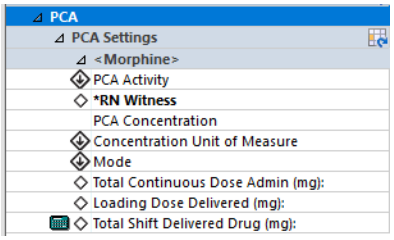

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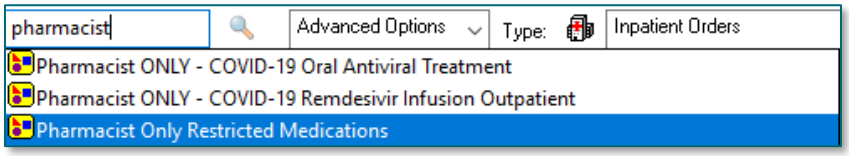
Orders Removed from Global Ordering

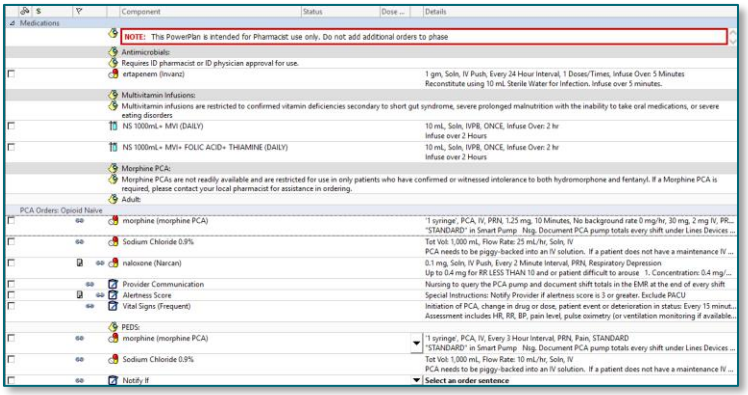
- The following medication orders will be **removed** from provider ability to search for and order at time of new plan type implementation.
  - Multivitamin Infusions
  - Morphine Patient-Controlled Analgesia (PCA)
    - According to data, Fentanyl and Hydromorphone PCAs are used far more frequently than Morphine.
    - New PCA Pumps implemented start on April 22, 2025 are not compatible with current drug manufacturer produced Morphine PCAs.

NOTE: Order comments will be added to existing PowerPlans noting that removal has occurred and that a call to Pharmacy will be needed for Pharmacist order entry. Providers should not add additional orders to any phase of this plan.

Pharmacist Order Entry

- Pharmacists, upon request or prompt to do so, will need to search for **Pharmacist Only Restricted Medications** PowerPlan from PowerChart to enter orders from this plan.





WHY: The new PowerPlan type will allow inpatient Pharmacy staff to better manage medication orders for products that have specific reasons to be restricted and controlled by Pharmacy.

NOTE: An SBAR will be distributed by Pharmacy leaders to Chiefs of Service and Senior Physician Executives related to the removal of Morphine PCAs from general ordering.

WHEN: **Monday, April 21, 2025**

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 Hospitals (excluding Acadia and Mayo)

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

- Inpatient Pharmacists
- Inpatient Providers
- Nursing