Northwestern Medicine®

Epic News and Insights

This monthly communication highlights recent and upcoming Epic improvements to ambulatory and inpatient workflows and other clinical news. Please share with physicians, advanced practice providers (APPs) and your team.

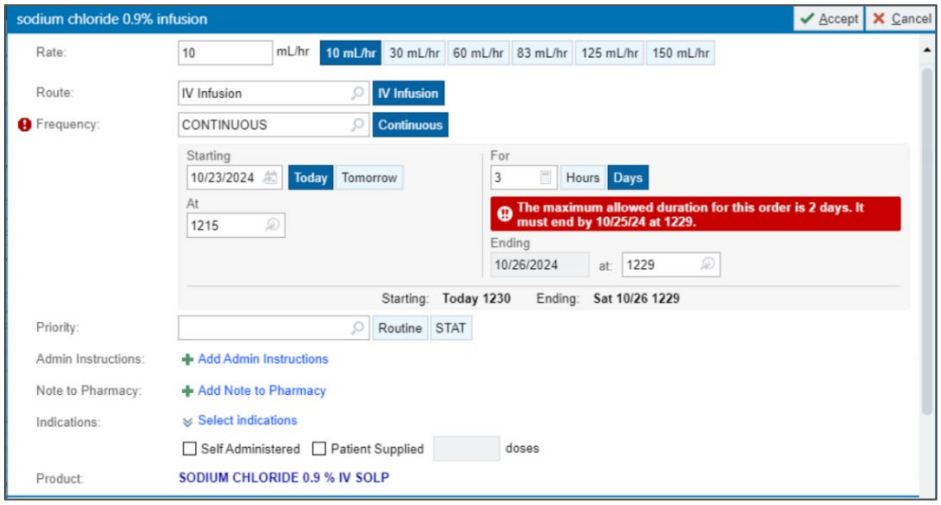
The following changes will go live on Tuesday, October 29.

System Updates

IV fluid order updates

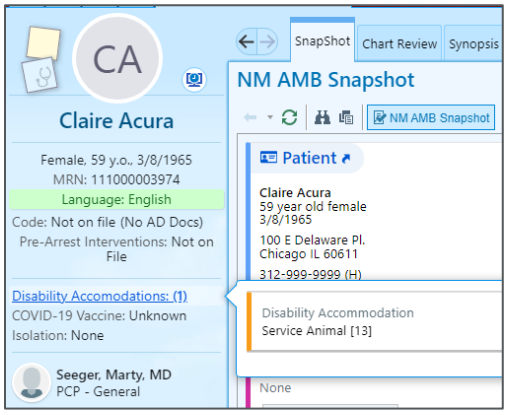
To help conserve IV fluids, ordering clinicians are now required to enter an infusion duration. The maximum duration you can enter on each continuous fluid order is 48 hours.

You can learn more about IV fluid conservation efforts on NM Interactive and Physician Forum.



Disability accommodations

Patients are now able to document disability accommodations through MyNM. You will see disability accommodations on the Storyboard and you can hover for more details.



Ambulatory

Send messages to patients without a MyNM account

You can now communicate with patients who do not have an active MyNM account. Patients can view and reply to messages, complete questionnaires, schedule appointments and upload attachments.

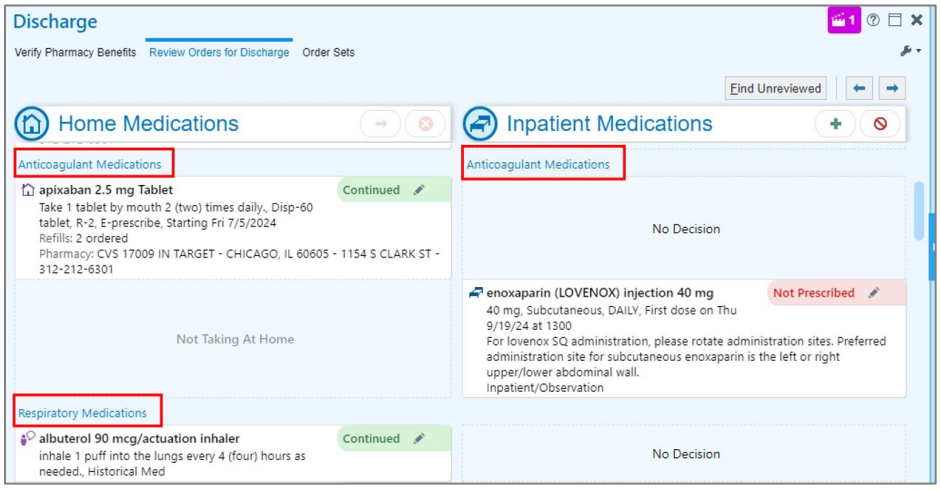
- When you initiate a message, the patient will receive a secure link through email or text. The link will expire within five days.
- Patients must be 18 or older and will be prompted to enter their date of birth to verify their identity.
- Patients without a MyNM account can reply to these messages, they but cannot initiate a new conversation.
- Patients without a MyNM account cannot access other MyNM features.
- Patients can select the link in a banner to sign up a MyNM account.

You can find more details in the tipsheet.

Inpatient

Discharge order sorting

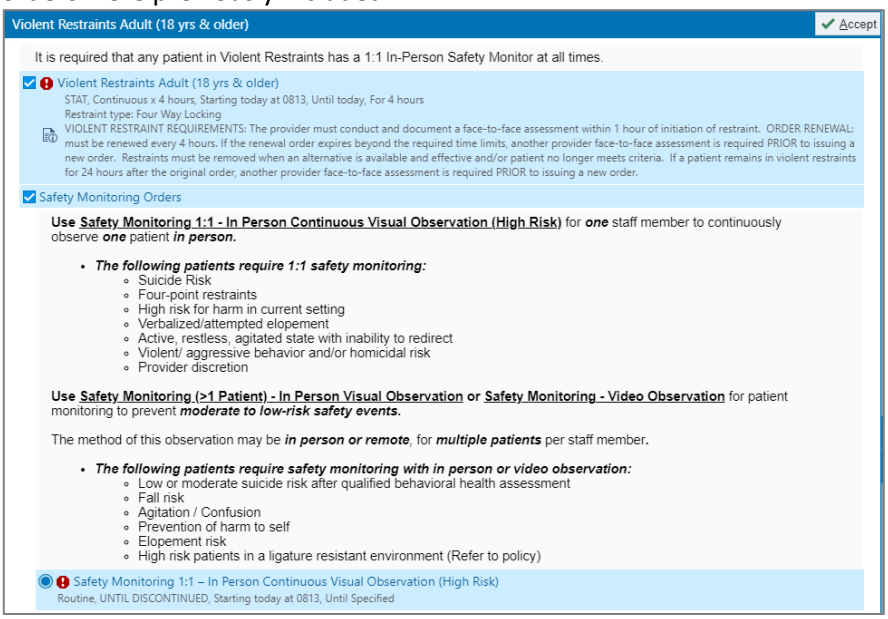
You may notice that SmartSort has been applied to discharge orders and replaces previous sort options. SmartSort groups medications by class and type to help prevent duplicate drug therapies at discharge.



Violent Restraint and 1:1 Monitoring updates

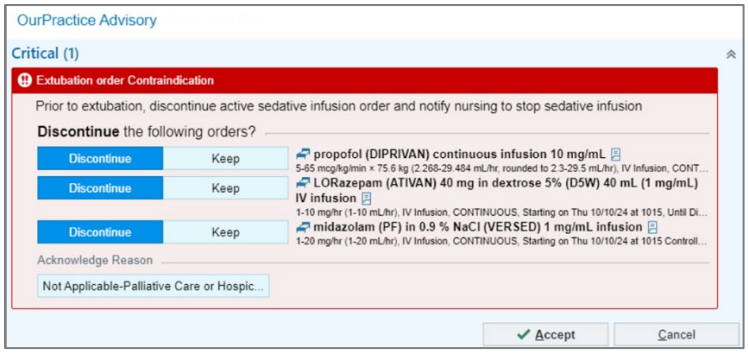
Patients placed in violent restraints require 1:1 in-person safety monitoring. Violent Restraint orders will be replaced with Violent Restraint panels that include a required Safety Monitoring 1:1 order.

- This change affects order sets as well as department and facility level preference lists.
- Update your personal preference lists to include the new order panel if violent restraint orders were previously included.



OurPractice Advisory update for Sedation and Extubation orders

The Sedation and Extubation Order OurPractice Advisory (OPA), formerly known as BPA, is used to discontinue propofol orders post extubation. It has been expanded to include midazolam and lorazepam infusions.

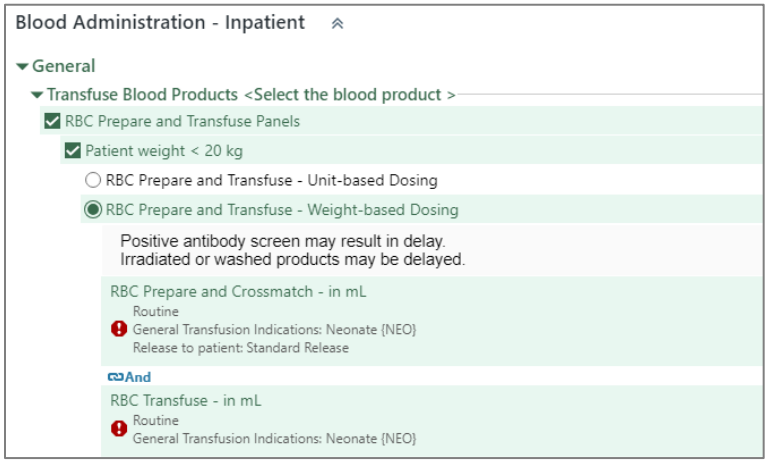


Neonatal and pediatric weight-based blood product orders

The guidelines for neonatal indications for transfusion have been revised and pediatric guidelines have been added. To support these system guidelines, the following updates have been made to the Blood Administration – Inpatient [2753] order set.

- Order set includes weight-based criteria for ordering blood products.
- Default selections will appear based on both age and weight.
  - Age: > 4 months or < 4 months
    - Age criteria determine defaults for type and screen or neonatal evaluation order requirements.
  - Weight: > 20 kg or ≤ 20 kg
    - Orders for patients < 20 kg default to weight based.
    - Orders for patients ≥ 20 kg default to unit based.

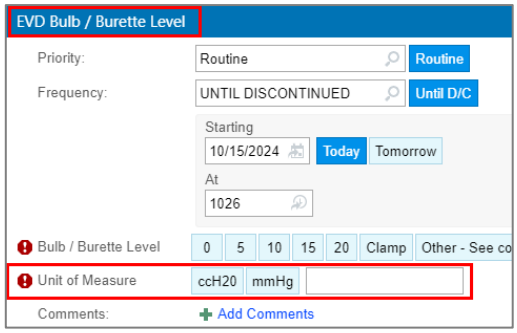
The example below shows the RBC Prepare panel for a patient who weighs < 20 kg. The default selection is weight-based dosing with the option to select unit-based dosing.



External Ventricular Drainage (EVD) order updates

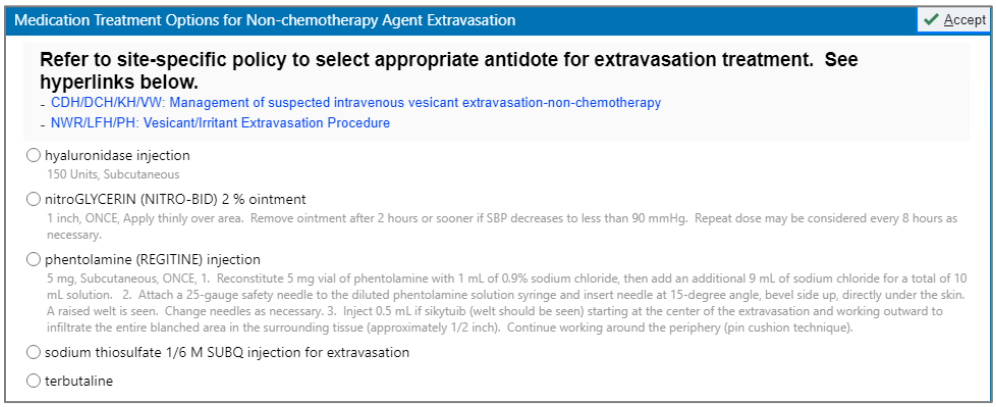
The EVD Leveled At order, available within the ICP/EVD Order Set [3010], has been updated with the following changes to support clear communication regarding External Ventricular Drainage (EVD).

- The order has been renamed to EVD Bulb / Burette Level.
- A required question of Unit of Measure has been added.



New medication treatment options for Non-chemotherapy Agent Extravasation Panel

The medication treatment options for the Non-chemotherapy Agent Extravasation [1513026] order panel has been created to help more easily identify and access needed therapy to treat non-chemotherapy agents.



Bacterial Vaginosis order updates

Huntley Hospital, McHenry Hospital and Woodstock Hospital

The Bacterial Vaginosis Screen order panel replaces the Bacterial Vaginosis Screen [LAB12762] order. The Bacterial Vaginosis Screen order panel will result the following based on patient age:

- Bacterial Vaginosis Screen [LAB12762] for Female patients 12 to 55 years of age.
- Culture: Genital [LAB465] for patients 0 to 11 or 56 to 999 years of age.

Palos Hospital

The Bacterial Vaginosis Screen [LAB12762] had an age restriction preventing clinicians from placing the order on certain patients. The age restriction is now removed on the Bacterial Vaginosis Screen [LAB12762].

Reference Lab updates

The Northwestern Medicine Referred Testing Laboratory and Mayo Clinic Laboratory have partnered to perform most NM-referred send-out testing. This consolidation effort will streamline referred testing workflows and bring cost savings to both NM and NM patients.

This month's changes include 30 test updates. These changes have all been reviewed and approved by a team of NM laboratory medical directors who placed the impact on patient care at the forefront of their decision-making process.

For the most up-to-date information regarding specimen collection, turnaround time and performing laboratory, refer to the Procedure Catalog.

Lab order updates

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Inactivated test	Replacement
HIV-1 GenoSure MG Genotyping [LAB12240]	HIV-1 Phenosense GT(Phenotype/Genotype) [LAB12231]
Epstein Barr Virus (EBV) Qualitative PCR, CSF (NMH/LFH) [LAB19354]	Epstein Barr Virus, DNA, Quantitative, Real-Time PCR [LAB15321]
Chromosome Study [LAB3053] Chromosome Analysis [LAB3053]	Replacement tests are source specific: • Chromosome Analysis, Chorionic Villi Biopsy [LAB954] • Chromosome Analysis, Tissue Biopsies (Products of Conception, Skin) [LAB15538] • Chromosome Analysis, Amniotic Fluid [LAB18701] • Chromosome Analysis, Congenital Disorders, Blood [LAB17901] The orders above are also included in the Lab – Fetal Demise Panel in the Admission: Obstetrics Order Set, replacing the Chromosome Study, POC/Other Tissue order.
POC/TISSUE MICROARRAY [LAB510110](West Region)	Replacement tests are source specific: • SNP Microarray-Prenatal (Reveal®) (CVS) [LAB15317] • SNP Microarray-Products of Conception (POC)/Tissue (Reveal®) [LAB18108] • SNP Microarray (Direct)-Prenatal (Reveal) [LAB15260]

Order set updates

Review the comprehensive Order Set Update communication for a detailed summary of updates to the following order sets. Order sets revised this month include:

Order set update	Change summary
Chorioamnionitis: Mother [4043]	Order set renamed to Intraamniotic infection (IAI) and updated to align with evidence-based orders
Blood Administration – Inpatient [2753]	Enhancements to support neonatal and pediatric weight-based blood product orders
Post-Op – Heart/Liver Transplant – NMH [3800] Pre-Op – Heart/Liver Transplant – NMH [3798]	New order sets available at Northwestern Memorial Hospital for dual heart and liver organ transplants
Post-Op Liver Transplant Recipient	Updates to Immunosuppression protocol tacrolimus dosing
Massive Transfusion Protocol [4319]	New tranexamic acid dosing added with selections for patients with and without traumatic brain injury
Cardiac Medication Administration [3061]	Updated to be consistent with best practices for ordering certain medications
Renal Consult [3147] (retired) Aquapheresis [4473] (retired) Plasmapheresis renamed Apheresis - CDH, Delnor, KH, VWH, HH, MCH, WS & PH [3793]	Nephrology content review completed: updates based on clinical research and to help standardize patient care

For more information related to customizing order sets, please view the Personalization Reference Guide and the latest order set inventory.

Upcoming Epic Releases

- Monthly release: December 3
- Quarterly release: December 15
- Monthly release: January 7

Find additional Epic resources on the Epic Enterprise Training page. If you have questions, please call MyNM Service Center at 312.926.4357 (HELP).