

Michelle Endresz

From: Heidi Chapman on behalf of Amy Tucker
Sent: Tuesday, July 16, 2024 12:51 PM
To: Amy Tucker
Cc: Julie Briggs; Timothy D. Kohanski
Subject: CMO BLAST: Blood Transfusion Order Education
Attachments: blood_transfusion_order_updates_providers.pdf

Importance: High

Sent on behalf of Julie Briggs, Director, Patient Safety & Quality...

Due to a DNV NC-1 for Blood Product Transfusion Administration non-compliance with documentation two years in a row (2022 & 2023), interventions have been put in place to improve this process.

A new order for "Transfusion Duration Adjustment" has been created and is now live in EPIC. If a blood product was not transfused within the time frame in the order parameter, nursing will notify the provider and a transfusion duration adjustment order MUST be placed.

Additional information is located in the attached [tip sheet](#). If you have any questions, please reach out to Jennie Pharoah at pharoahj@upstate.edu or Cheryl Waldron at waldronc@upstate.edu.

Thanks so much for helping us get this right!

The screenshot shows the EPIC interface for a "Transfusion Duration Adjustment" order. The title bar indicates "Total Duration not to Exceed 4 Hours" and includes "Accept" and "Cancel" buttons. The form fields are as follows:

- Priority:** Routine (with a dropdown arrow and a "Routine" button).
- Frequency:** CONTINUOUS X 2 HOURS.
- Starting:** 3/20/2024 (with a calendar icon, "Today", and "Tomorrow" buttons).
- At:** 1431 (with a clock icon).
- For:** 2 (with a dropdown arrow, "Hours", "Days", and "Weeks" buttons).
- Starting:** Today 1431
- Ending:** Today
- Okay to Extend Transfusion:** A section with four buttons: "Up to 30 minutes", "Up to 60 minutes", "Up to 90 minutes", and "Up to 120 minutes". The "Up to 30 minutes" button is highlighted with a red box.
- Comments:** + Add Comments
- Reference Links:** • PROC CM B-07A - Blood and Blood Product Administration • PROC CM B-07B - Guidelines for Blood Product Flow Sheet
- Next Required:** Link Order (with a dropdown arrow).

The bottom of the form has a blue bar with "Accept" and "Cancel" buttons.

Best,
Amy

Amy Tucker, MD, MHCM
Chief Medical Officer, Upstate University Hospital
Associate Dean for Clinical Affairs, Norton College of Medicine

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Inpatient, ED, and Ambulatory Providers

Blood Administration Order Updates

New Order for Transfusion Duration Adjustment



EPIC SYSTEM UPDATE

Overview of Feature / Changes

Effective April 1, 2024: To improve patient safety, updates have been made to **Blood Administration** order sets to include the **Special Requirements** information on **both** the **Prepare** blood products order and **Transfuse** blood products order as well. There is also a change to the options for **duration time** in the Transfuse order. Additionally, a **new order**, **Transfusion Duration Adjustment**, must be placed when patient events require an extension of the original duration time.

Blood Administration Order Sets

1. **Special Requirements** selected on the **Prepare** order now carry over to the **Transfuse** order so nursing can accurately administer the transfusion.
2. *As required by policy, a **transfusion cannot extend over 4 hours** and must be administered within the specified time indicated by the Provider. The **Over** section in the Transfuse order now displays an **Over 3.5 Hours Each** button *instead of Over 4 Hours Each*.*

The screenshot displays two overlapping order forms in the EPIC system. The top form is the 'Prepare RBC 1 Unit' order, and the bottom form is the 'Transfuse RBC Units' order. Red star annotations highlight specific changes:

- Star 1:** Points to the 'Special Requirements' section in the 'Prepare' order, where 'Irradiated' is checked. This section also includes checkboxes for 'CMV Safe', 'CMV Negative', and 'Split Unit'.
- Star 2:** Points to the 'Over' section in the 'Transfuse' order, where 'Over 3.5 Hours Each' is the selected duration option. Other options include 'Over 1 Hour Each', 'Over 1.5 Hours Each', 'Over 2 Hours Each', and 'Over 3 Hours Each'.

Both forms include fields for frequency, start/stop times, donor source, and various checkboxes for special requirements and consent.

Blood Administration Order Updates – New Order for Transfusion Duration Adjustment

TCOE Created: 03.25.2024 SM*AMH AC Approved: 03.29.2024 EM

TCOE Revised: 03.29.2024 SM*SM

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New Transfusion Duration Adjustment Order (NUR142)

- If a transfusion **extends more than 30 minutes beyond the prescribed duration**, the provider must be notified of the reason (i.e., temporary loss of IV access, positional IV occlusion, miscalculated rate).
- The Provider should enter the **Transfusion Duration Adjustment** order.

Transfusion Duration Adjustment (Total Duration not to Exceed 4 Hours) ✓ Accept ✗ Cancel

Priority: Routine

Frequency: **CONTINUOUS X 2 HOURS**

Starting: Today Tomorrow For: Hours Days Weeks

At:

Starting: **Today 1431** Ending: **Today**

Okay to Extend Transfusion:

Comments: + [Add Comments](#)

Reference Links:

- [PROC CM B-07A - Blood and Blood Product Administration](#)
- [PROC CM B-07B - Guidelines for Blood Product Flow Sheet](#)

⚠ Next Required Link Order ✓ Accept ✗ Cancel