



## Future State: Bridge Transfusion - Transfusion Reactions

Cerner Workflow ID: 10255 (v. 9.0) Client Workflow ID: 249

Last updated by Julianne Morosin, Mar 10, 2025 1:30pm (UTC -4 hours)

**Workflow Details:**

Workflow Name: Bridge Transfusion - Transfusion Reactions

Workflow State: Future State

Workstream: Ongoing Assessment and Treatment

Venue: Acute Care

Ambulatory

Critical Care

Emergency Medicine

Perioperative

Client Owner:

Cerner Owner:

Standard: Yes

Related Workflow(s):

Tags:

**Workflow Summary:**

Service Line:

Related Solution(s): Bridge Transfusion Administration

Project Name: Niagara Health System:OPT-0297674:NIAG\_CD Niagara HIS RFP

TestBuilder Script(s):

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Workflow Notes:

Introduced By: WS 3.2

Validated By: WS 5.2

**Swim Lane:**

Role(s): Nurse (RN)

RPN [Custom]

Department(s):

Security Position(s): Emergency Medicine - Nurse

LTC - Nurse

Nurse

Nurse - Critical Care

Nurse - Neonatology

Nurse - Oncology

Nurse - Oncology Ambulatory

Nurse - Rehab

Women's Health - Nurse

Perioperative - CRNA

Perioperative - Nurse

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Physician - Anesthesiology  
Women's Health - Postpartum Nurse

**Start/Stop [3]**

Description: The patient is receiving a transfusion and showing signs of a possible reaction

**Work Step [4]**

Description: Access Bridge

**Work Step [6]**

Description: Scan the patient's wristband to identify the patient

**Decision [29]**

Description: Is this an active transfusion?

**Work Step [8]**

Description: Click 'Browse Transfusion History'

**Work Step [12]**

Description: Select the suspected blood product  
that caused the reaction from the list of transfusions displayed

**Work Step [24]**

Description: Click on the 'NO' hyperlink under the Reactions column

**Work Step [14]**

Description: Enter the clinical signs and symptoms of the reaction and click 'Continue'

**Work Step [16]**

Description: Review the reaction instructions and click 'Continue' when done

**Work Step [18]**

Description: Enter the set of post-transfusion vitals and click 'Continue'

**Work Step [20]**

Description: Complete any reaction checks as applicable

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**Start/Stop [22]**

Description: Select 'Continue' to finish documentation

Comments: After documentation is complete a reaction report will print in the Blood Bank

**Decision [39]**

Description: Does the active transfusion need to be held or ended?

**Decision [40]**

Description: Was the unit started in Start Transfusion or MultiUnit Transfusion?

**Decision [52]**

Description: Scan the unit number and blood product barcodes from the blood bag or if unable to scan, select the unit from the list.

**Decision [54]**

Description: Document the end transfusion date and time, the volume transfused, and a comment if applicable

**Decision [56]**

Description: Select 'Yes' for question asking if there was a Transfusion Reaction

**Decision [58]**

Description: Select 'Yes' from the dropdown asking if there was a reaction and select Continue

**Decision [60]**

Description: Document all clinical signs and symptoms of the reaction as applicable then click Continue

**Decision [62]**

Description: Read and follow the reaction instructions and click Continue when finished

**Decision [64]**

Description: Document end transfusion vital signs and click Continue

**Decision [66]**

Description: Complete all end/reaction checks as applicable

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**Start/Stop [70]**

Description: Click Continue to complete the end transfusion documentation

**Off Page Reference [88]**

Workflow Link: Blood Bank Transfusion - Laboratory - Transfusion Reaction Workflow

**Off Page Reference [96]**

Workflow Link: Bridge Transfusion - Multi-Unit Ending Transfusion

Comments: Look for reaction work steps

**Work Step [93]**

Description: Select 'End Transfusion'

**Work Step [43]**

Description: Select 'Hold Transfusion'

**Work Step [45]**

Description: Scan the unit number and blood product barcodes from the blood bag or if unable to scan, select the unit from the list.

**Work Step [46]**

Description: Document the date and time the transfusion is put on hold

**Work Step [48]**

Description: Document 'Possible sign of reaction' for the transfusion. Utilize comment field to describe treatment steps.

**Start/Stop [87]**

Description: Click Continue to put the transfusion on hold

**Swim Lane:**

Role(s): OR Nurse [Custom]  
Anesthesia  
Anesthesia Assistant [Custom]  
Endo Nurse [Custom]

Department(s):

Security Position(s):

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**Decision [78]**

Description: Is the patient ID bracelet accessible for scanning?

**Work Step [74]**

Description: Manually enter patient's Encounter Number to identify patient

Comments: A second FIN entry is required after clicking a work flow ('Browse Transfusion History', 'End Transfusion', or 'Hold Transfusion' in this case) to continue into the workflow if a patient is identified by manually entering their FIN.