Niagara Health System

Future State: Bridge Transfusion - Multi-Unit Start Transfusion

Cerner Workflow ID: 20904 (v. 6.0) Client Workflow ID: 248





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

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Mar 17, 2025

Workflow Details:

Workflow Name: Bridge Transfusion - Multi-Unit Start Transfusion Workflow State: Future State Workstream: Ongoing Assessment and Treatment Venue: Acute Care 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): Cerner Workflow ID: 20904 (v. 6.0) Client Workflow ID: 248 Workflow Notes: Introduced By: WS 3.2 Validated By: WS 5.2

Swim Lane:

Role(s): Nurse (RN) Provider RPN [Custom]

Department(s): Security Position(s):

Start/Stop [3]

Description: Blood product is picked up from the Blood Bank

Work Step [6]

Description: Open Cerner Bridge

Work Step [7]

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

Work Step [8]

Description: Select 'Multi-Unit Transfusion'



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Decision [80]

Description: Does a blood product need to be loaded or does a previously loaded blood product need to be administered?

Work Step [81]

Description: Confirm 'Add' is selected

Decision [16]

Description: Is the blood product Emergency Released or Crossmatched/Assigned to a specific patient?

Work Step [18]

Description: Select 'Yes' for the question asking if the Recipient Tag is present

Work Step [20]

Description: Scan 2D barcode on recipient/transfusion tag

Comments: The patient's MRN, patient's name, blood product unit number, and the patient's blood type should all populate on the screen.

Decision [21]

Description: Was the scan successful?

Comments: This assumes the user's barcode scanner is configured correctly and the user scanned the correct barcode. An unsuccessful scan would give an error message that the patient's MRN, name, or blood type does not match the patient pulled up in Bridge.

Work Step [23]

Description: Scan the blood product's unit number and blood product's (Ecode) barcode

Decision [28]

Description: Was the scan successful?

Comments: This assumes the user's barcode scanner is configured correctly and the user scanned the correct barcode.

Decision [234]

Description: Did user receive a 'Blood Order Validation" warning?



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Work Step [166]

Description: Scan the blood products expiration date

Work Step [49]

Description: Scan the blood product's blood type barcode

Decision [44]

Description: Was the scan successful?

Comments: This assumes the user's barcode scanner is configured correctly and the user scanned the correct barcode.

Decision [121]

Description: Did user receive a Blood Type Substitution Warning?

Work Step [134]

Description: Obtain cosignature as indicated per policy and click Continue

System [137]

Description: Blood product populates the table

Decision [55]

Description: Is another unit going to be "loaded" and added to the table?

Decision [99]

Description: Is the unit ready to be started?

Work Step [76]

Description: Select the Verify radio button

Work Step [77]

Description: Scan the blood product e-code barcode. Verified unit will be highlighted in green. Can also select the verify checkbox.

Decision [188]

Description: Do you wish to verify only or verify and start the unit?



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Work Step [63]

Description: Spike the blood and wait for blood to reach patient vein

Work Step [79]

Description: Click 'Verify and Start' in dialogue box to verify and start the unit

Decision [112]

Description: Is another unit ready to be started?

Start/Stop [115]

Description: Click 'Exit' to return to the Main Menu

Work Step [22]

Description: Review error message and contact appropriate resources (Blood Bank, IT, etc.) for further instructions

Work Step [38]

Description: Review error message and contact appropriate resources (Blood Bank, IT, etc) for further instructions

Decision [237]

Description: Should the transfusion continue?

Work Step [239]

Description: Select 'Yes' on the Blood Order Validation warning

Work Step [52]

Description: Review error message and contact appropriate resources (Blood Bank, IT, etc.) for further instructions

Decision [122]

Description: Is the user able to continue with the transfusion?

Work Step [125]

Description: Click 'Yes' to the question asking if you want to continue



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Work Step [130]

Description: Document mismatch reason as indicated per policy

Start/Stop [109]

Description: Click 'Exit" to return to the Main Menu

Work Step [19]

Description: Select 'No' for the question asking if the Recipient Tag is present

Decision [180]

Description: Was the scan successful?

Comments: This assumes the user's barcode scanner is configured correctly and the user scanned the correct barcode.

Work Step [201]

Description: Click Verify in the dialog box.

Decision [191]

Description: Are you ready to start the transfusion?

Work Step [248]

Description: Spike the blood and wait for blood to reach patient vein. Then select 'Start" next to the unit infusing

Work Step [242]

Description: Contact the Blood Bank for further instructions if unable to resolve

Work Step [181]

Description: Review error message and contact appropriate resources (Blood Bank, IT, etc.) for further instructions

Work Step [126]

Description: Click Exit and contact Blood Bank

Decision [185]

Description: Should the transfusion process continue?



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Start/Stop [221]

Description: Click 'Exit" to return to the Main Menu

Work Step [90]

Description: Confirm 'Verify' is selected

Swim Lane:

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

Department(s): Security Position(s):

Decision [209]

Description: Is the patient ID bracelet accessible for scanning?

Work Step [206]

Description: Manually enter patient's FIN to identify patient

Work Step [252]

Description: Manually enter patient's FIN to continue

Comments: A second FIN entry is required to enter any workflow if a patient is identified by manually entering their FIN.

