



Future State: Women and Babies - Acute Care - Blood Product Administration

Cerner Workflow ID: 10936 (v. 9.0) Client Workflow ID: 1151

Last updated by Cynthia Skubel, Mar 13, 2025 3:27pm (UTC -4 hours)

Workflow Details:

Workflow Name: Women and Babies - Acute Care - Blood Product Administration

Workflow State: Future State

Workstream: Intradepartmental

Venue: Acute Care

Client Owner: Dickey, Kelly

Cerner Owner: White, Meighan Kathryn Moore

Standard: Yes

Related Workflow(s):

Tags:

Workflow Summary:

Service Line:

Related Solution(s): Blood Bank Transfusion
Patient Blood Management
PowerChart

Project Name: Niagara Health System:OPT-0297674:NIAG_CD Niagara HIS RFP

TestBuilder Script(s):

Cerner Workflow ID: 10936 (v. 9.0)

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Workflow Notes:

Introduced By: WS 4

Validated By: WS 8

Swim Lane:

Role(s): Women and Babies Provider [Custom]

Department(s):

Security Position(s): Physician - Women's Health

Start/Stop [3]

Description: Patient needs blood product and obtains consent

Decision [165]

Description: Is blood product needed immediately?

Work Step [4]

Description: Initiate PowerPlan - Blood Transfusion or MTP 1 and Code Omega activation if applicable to the clinical situation

Method: PowerOrders

Comments: Blood Product and Transfuse orders should be placed together in plan.

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Additional orders can be placed from plan such as medication orders, lab orders, and communication orders.

If product is requested to be on stand by in put Red Cell for hold (OR/WB/NICU) this will allow allocated units of blood to be stored in a refrigerated box for up to 6 hrs. Select appropriate location within powerplan.

Work Step [171]

Description: Initiate Powerplan - Blood Transfusion (RBC, Plasma, Platelets, Fibrinogen)

Method: PowerOrders

Comments: Blood Product and Transfuse orders should be placed together in plan. Additional orders can be placed from plan such as medication orders, lab orders, and communication orders.

If product is requested to be on stand by in put Red Cell for hold (OR/WB/NICU) this will allow allocated units of blood to be stored in a refrigerated box for up to 6 hrs. Select appropriate location within powerplan.

Swim Lane:

Role(s): System [Custom]

Department(s):

Security Position(s):

System [7]

Description: Additional number of Transfuse orders are placed equal to the quantity of units in Transfuse order placed in PowerPlan

Comments: Discern rule - BCC_BB_TRANS_NURSE_TASK

Decision [26]

Description: Is a valid Patient group and screen present on the chart in the last 96 hours?

Decision [140]

Description: Is the blood product order for Red Blood Cells?

System [100]

Description: Crossmatch added to Type and Screen accession

Comments: Discern rule - BB_REFLEX_XM_ADDTL

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System [10]

Description: Task generated for each Transfuse order placed

System [29]

Description: Group and Screen ordered

Comments: Only ABO/Rh is ordered for non-RBCs.

Discern rules - BB_NOALERT_ABORH_CRYO, BB_NOALERT_ABORH_FFP, BB_NOALERT_ABORH_PLT, BB_NOALERT_TXM_RBC

Decision [31]

Description: Nurse collect?

Swim Lane:

Role(s): L&D Nurse
Postpartum Nurse [Custom]

Department(s):

Security Position(s): Nurse - Critical Care
Nurse

Work Step [17]

Description: Review Blood Product orders placed and view Transfusion tasks on Task List from tracking board

Off Page Reference [33]

Workflow Link: Women and Babies - Acute - Specimen Collection - Nurse Collect

Method: PowerChart

System [51]

Description: Receive notification that product is ready via Blood Product Ready order and task displayed on Tracking Board

Method: PowerChart

Comments: Discern rule - BCC_BLOOD_PRODUCT_READY

Work Step [233]

Description: Confirm that patient consent is present on chart

Work Step [193]

Description: Place Blood Product Pickup/Delivery order to communicate to Blood Bank when ready to transfuse

Method: PowerOrders

Decision [207]

Description: Will blood be delivered to patient via Tube system or picked up?

Document [53]

Description: Print requisition from Transfuse to bring to Blood Bank

Work Step [57]

Description: Requisition presented to Blood Bank

Work Step [70]

Description: Blood product delivered to patient bedside

Document [176]

Description: Provide education and ensure signed consent is in the chart

Method: Interactive View

Comments: Collect consents

Work Step [177]

Description: Complete bedside blood product verification.

Document [181]

Description: Administer and document pre-infusion medications

Method: MAR

Off Page Reference [61]

Workflow Link: Bridge Transfusion - Start Transfusion

Comments: Alternative Workflow - If client does not have Bridge, Blood Transfusion documentation would be completed within Interactive View.

Off Page Reference [185]

Workflow Link: Bridge Transfusion- Ad Hoc Vitals

Off Page Reference [175]

Workflow Link: Bridge Transfusion - Holding/Ending Transfusion

Off Page Reference [188]

Workflow Link: Bridge Transfusion - Transfusion Reactions

Swim Lane:

Role(s): BBT Medical Technologist

Department(s): Laboratory

Security Position(s): Laboratory - BBT Medical Technologist

System [24]

Description: Product orders display in Pending Inquiry for review

Off Page Reference [95]

Workflow Link: Gen Lab - Laboratory - Central Receiving

Decision [151]

Description: Is the blood product order for Red Blood Cells?

System [107]

Description: Crossmatch added to Type and Screen accession

Comments: Discern rule - BB_REFLEX_XM

Off Page Reference [37]

Workflow Link: Blood Bank Transfusion - Laboratory - Result Entry

Decision [49]

Description: Is product ready?

Work Step [113]

Description: Result product order as Ready

Work Step [219]

Description: Review Blood Product Pickup/Delivery order to identify product and patient location

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Work Step [64]

Description: Blood Bank dispenses product

Swim Lane:

Role(s): Spec Collect Phlebotomist

Department(s): Laboratory

Security Position(s): Laboratory - Spec Collect Phlebotomist

Off Page Reference [91]

Workflow Link: Gen Lab - Laboratory - PowerChart Specimen Collection - Lab Collect

Facilities:

Facility Name: St. Catharines

Status: Pending Approval

Facility Cerner Owner:

Facility Client Owner:

Authorize Date:

Facility Comments: