



## Future State: INA - Acute Care - Blood Product Administration

Cerner Workflow ID: 10936 (v. 9.0) Client Workflow ID: 192

Last updated by Susan Hansen, May 21, 2024 7:01pm (UTC -4 hours)

**Workflow Details:**

Workflow Name: INA - Acute Care - Blood Product Administration

Workflow State: Future State

Workstream: Intradepartmental

Venue: Acute Care  
Emergency Medicine  
Critical Care

Client Owner: Hansen, Susan Mia

Cerner Owner:

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)

Client Workflow ID: 192

Workflow Notes:

Introduced By: WS 4

Validated By: WS 5

**Swim Lane:**

Role(s): Prescriber [Custom]

Department(s):

Security Position(s): Physician - Cardiothoracic Surgery  
Physician - Colon and Rectal Surgery  
Physician - Emergency Medicine  
Physician - General Surgery  
Physician - Neurosurgery  
Physician - Intensivist  
Physician - Plastic Surgery  
Physician - Transplant  
Physician - Trauma Surgery  
Physician - Gastroenterology  
Physician - Orthopaedic Surgery  
Physician - Vascular Surgery

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**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 (Uncrossed) for EMERGENT and MTP use only

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 not needed at this time or this is a "hold" situation, place the Blood Products: Make Available and Transfuse 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 not needed at this time or this is a "hold" situation, place the Blood Products: Make Available and Transfuse 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 Sample 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

**System [10]**

Description: Task generated for each Transfuse order placed

**System [29]**

Description: Type 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): Nurse (RN)  
RPN [Custom]  
Critical Care Nurse

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

Method: CareCompass

**Off Page Reference [33]**

Workflow Link: Acute Care - Specimen Collection - Nurse Collect

Method: PowerChart

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**System** [51]

Description: Receive notification that product is ready via Blood Product Ready order and task

Method: CareCompass

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 via eSig

**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 - Post Transfusion Reaction

**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: 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: Laboratory - Blood Bank Transfusion Result Entry

**Decision [49]**

Description: Is product ready?

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**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

**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: Laboratory - PowerChart Specimen Collection - Lab Collect

**Facilities:**

Facility Name: Niagara Health System (All five acute hospitals) and Hotel Dieu Shaver

Status: Approved

Facility Cerner Owner:

Facility Client Owner: Hansen, Susan Mia

Authorize Date: Dec 08, 2023

Facility Comments: