



Future State: Bridge Transfusion - Integrated MTP/CODE OMEGA

Cerner Workflow ID: Client Workflow ID: 1199

Last updated by Julianne Morosin, Mar 17, 2025 9:29am (UTC -4 hours)

Workflow Details:

Workflow Name: Bridge Transfusion - Integrated MTP/CODE OMEGA

Workflow State: Future State

Workstream: Other

Venue: Acute Care

Client Owner:

Cerner Owner:

Standard: No

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:

Client Workflow ID: 1199

Workflow Notes:

Introduced By:

Validated By:

Swim Lane:

Role(s): Acute Prescriber [Custom]

Department(s):

Security Position(s):

Start/Stop [10]

Description: Life threatening bleeding patient

Comments: MTP Policy "To provide guidelines for the treatment of a patient experiencing life threatening bleeding, in order to avert or reverse the triad of coagulopathy, acidosis, and hypothermia"

Decision [11]

Description: Massive Transfusion Protocol (MTP) Prescriber gives verbal order: activate MTP Protocol / CODE OMEGA (MTP1 PowerPlan)

Comments: MTP Policy "MRP or designate invokes the MTP Order Set as a verbal, telephone or written order"

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Work Step [78]

Description: Obtain consent / Emergency blood consent implied

Comments: Consent to Treatment Policy: "Emergency Treatment for Incapable Patienta) Treatment may be administered without consent to a person who is incapable with respect to the treatment if in the opinion of the health care practitioner proposing the treatment:i) there is an emergency; andii) the delay required to obtain consent on the patient's behalf will prolong the suffering that the patient is apparently experiencing or will put the patient at risk of sustaining serious bodily harm; andiii) there is no reason to believe that the person while capable expressed a wish not to have the treatment.Emergency treatment may only be continued without consent for as long as it is reasonably necessary to locate the SDM for the incapable person and obtain consent to refusal of the continuation of treatment"

Decision [192]

Description: Has patient stabilized?

Work Step [416]

Description: If patient is being transferred to another facility outside of NH - call lab

Work Step [400]

Description: Prescriber obtains consent / when patient capable or SDM available

Comments: Blood Consent - Prescriber fills out "Emergency Transfusion, no consent" section of consent form
Uncrossed Blood - Prescriber fills out "Uncrossed"

Work Step [420]

Description: Sign off as completed for uncrossed blood per policy

Work Step [150]

Description: MTP Lead gives verbal order to activate MTP Post Transfusion Labs and/ MTP2 PowerPlan as applicable

Work Step [191]

Description: MTP / CODE OMEGA ends

Comments: Call resource to alert them that MTP ended, teaching point

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Swim Lane:

Role(s): System [Custom]

Department(s):

Security Position(s):

System [52]

Description: Lab: Orders placed within MTP PowerPlan

System [34]

Description: Nursing: Tasks generated for Nursing

System [196]

Description: System terminates MTP tasking

Work Step [252]

Description: Blood Bank: Blood product orders within PowerPlan

Work Step [251]

Description: Lab: General lab orders within PowerPlan

Decision [48]

Description: Bloodwork: Nurse/Anesthetist or MLA to collect?

Comments: Default to nursing to collect so that nursing and lab and tasked to collect

Swim Lane:

Role(s): Charge Nurse

Designate [Custom]

Department(s):

Security Position(s):

Work Step [371]

Description: CN enters MTP PowerPlan as verbal order

Method: PowerChart

Work Step [7]

Description: CN calls Resource for overhead CODE OMEGA alert

Comments: MTP Policy "Call resource centre at extension 55555 for Code Omega"

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System [315]

Description: Overhead CODE OMEGA alert

Work Step [232]

Description: CN calls Blood Bank + Lab to communicate code location and patient information; on-going communication for duration of code

Comments: MTP Policy "Call Transfusion Medicine Laboratory STAT to announce location, name, date of birth, hospital number of MTP patient and Charge nurse contact name and extension for on-going communication with the Transfusion Medicine (Blood Bank) technologist"

Work Step [402]

Description: @ SCS: CN enters for Porter in Capacity Management to alert closest available

Method: Capacity Management

Work Step [394]

Description: @ GNG/WHS: CN assigns porter/runner through delegation

Comments: MTP Policy "For GNG or WHS assign porter, clerk, or staff member as the designated runner for the duration of the MTP"

Swim Lane:

Role(s): Lab [Custom]

Department(s):

Security Position(s):

Work Step [229]

Description: MLA responds to CODE OMEGA location for lab collections

Comments: MTP Policy "Clinical units where staff cannot draw blood, page phlebotomy STAT"

Off Page Reference [56]

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

Off Page Reference [63]

Workflow Link: Gen Lab - Laboratory - Central Receiving

Off Page Reference [126]

Workflow Link: Gen Lab - Laboratory - General Laboratory Results

System [138]

Description: Results viewed in system

Swim Lane:

Role(s): Blood Bank Department

Department(s):

Security Position(s):

System [67]

Description: Product orders display in Pending Inquiry and orders printout in Blood Bank

Work Step [213]

Description: Blood Bank begins dispensing all blood products (uncrossed as default)

Decision [72]

Description: Is product ready?

Work Step [73]

Description: Result product order as ready

System [69]

Description: Group & Screen and Crossmatch processed

Off Page Reference [71]

Workflow Link: Blood Bank Transfusion - Laboratory - Result Entry

Work Step [218]

Description: Blood Bank will communicate any incompatibilities and antibodies to nursing unit

Work Step [428]

Description: Open communication with Code Omega Team

Swim Lane:

Role(s): Designate [Custom]

Transport Technician

Department(s):

Security Position(s):

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Work Step [105]

Description: Porter assigned

Comments: MTP Policy "For GNG or WHS assign porter, clerk, or staff member as the designated runner for the duration of the MTP"

Work Step [434]

Description: @SCS Designated Porter alerted product is ready in Blood Bank

Work Step [438]

Description: Porter retrieves blood products from Blood Bank

Work Step [83]

Description: Blood products delivered to patient's bedside

Work Step [431]

Description: @NFS/WHS Porter/runner has arrived in Blood Bank, and is made aware product is ready

Work Step [129]

Description: Deliver bloodwork stat to Lab

Swim Lane:

Role(s): Code Omega Team [Custom]

Department(s):

Security Position(s):

Work Step [305]

Description: Code Omega team respond to CODE OMEGA alert

Comments: MTP Policy "Code Omega Team a) Bring the rapid infuser and code Omega kit to the clinical unit. b) Ensure rapid infuser is setup and primed as per competency prior to blood product initiation. c) One critical care nurse will manage the rapid infuser and one critical care nurse will manage the patient."

Work Step [79]

Description: Confirm consent / Emergency blood consent obtained

Comments: Consent to Treatment Policy: "Emergency Treatment for Incapable Patient a) Treatment may be administered without consent to a person who is incapable with respect to the treatment if in the opinion of

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the health care practitioner proposing the treatment:i) there is an emergency; andii) the delay required to obtain consent on the patient's behalf will prolong the suffering that the patient is apparently experiencing or will put the patient at risk of sustaining serious bodily harm; andiii) there is no reason to believe that the person while capable expressed a wish not to have the treatment. Emergency treatment may only be continued without consent for as long as it is reasonably necessary to locate the SDM for the incapable person and obtain consent to refusal of the continuation of treatment"

Work Step [108]

Description: Obtain blood products from Porter

Off Page Reference [381]

Workflow Link: Bridge Transfusion - MTP/Code Omega

Comments: Paper issue sheets for each blood product will be sent and may also be used to document transfusion. These will be scanned into patient's chart upon discharge and do not need to be back entered.

Off Page Reference [448]

Workflow Link: Bridge Transfusion - Pooled Derivatives

Comments: In the case that Fibrinogen has been ordered within the MTP

Work Step [166]

Description: Consult with MTP Prescriber Lead

Off Page Reference [161]

Workflow Link: Bridge Transfusion - Multi-Unit Ending Transfusion

Off Page Reference [146]

Workflow Link: Bridge Transfusion - Multi-Unit Releasing Blood Products

Comments: Return all boxes and product to blood bank. Any unused products are to be released first.

Off Page Reference [425]

Workflow Link: Bridge Transfusion - Derivatives

Comments: In the event that Fibrinogen is ordered

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Decision [382]

Description: Recording Vitals: Is the CODE OMEGA occurring on a unit with or without BMDI

Off Page Reference [143]

Workflow Link: Bridge Transfusion- Ad Hoc Vitals

Comments: Units with BDMI vitals flow into Bridge. Units without BDMI vitals are manually entered into Bridge.

Units with BMDI: ICU, ER, OR, Parr, Tele, HIU, NICU/Paeds

Swim Lane:

Role(s): nursing [Custom]

Department(s):

Security Position(s):

Work Step [66]

Description: MTP PowerPlan tasks placed where applicable, initiate nursing tasks as appropriate

Off Page Reference [58]

Workflow Link: INA - Acute Care - Specimen Collection - Nurse Collect

Comments: MTP Policy "Draw blood tests as soon as possible and send by porter (assigned runner) STAT...Clinical units where staff cannot draw blood, page phlebotomy STAT"

Document [356]

Description: Record vitals

Comments: Record vitals on paper or within PowerChart or on Bridge

Document [369]

Description: Primary nurse will document Code Omega in iView, additionally in Critical Event section

Comments: MTP Policy "Charge nurse to assign Nurse to look after patient and Nurse to document MTP on clinical record"

CODE OMEGA record to be scanned into the chart.

Work Step [367]

Description: Reconcile tasks on CareCompass when appropriate (after CODE OMEGA complete)