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Owner: Nadera Poirier: Spvr, Transfusion Services
Policy Area: Lab - Transfusion Service
References:
Applicability: Sutter Roseville Medical Center

Managing COVID Convalescent Plasma (CCP) Orders

PURPOSE

Provide instruction for the management of high titer COVID Convalescent Plasma (CCP) orders.

POLICY

- High titer CCP has gained Emergency Use Authorization (EUA) product status, it is not FDA approved.
- CCP will only be ordered for patients that are hospitalized with a diagnosis of COVID.
- The provider will place an order in EPIC for *COVID Convalescent Plasma*.
- Notify the provider if ABO incompatible plasma will be transfused due to inventory constraints.
 - Document who was notified in Sunquest with a chartable comment (BBC), "Notified NAME, at TIME on DATE of ABO incompatible CCP by TECH."
 - Refer to section *CCP Compatibility Chart* for type selection.
- Only Transfusion Services CLS can enter CCP into inventory upon receipt of product from Vitalant.

PROCEDURE

Placing an Order for CCP

Step	Action						
1.	Verify patient has an ABO for the current admission. If there is not a current ABO on record, place an order for an ABORH and if needed, an ABORHK.						
2.	Determine product availability. <table border="1" data-bbox="253 1570 1320 1925"> <thead> <tr> <th>If:</th> <th>Then:</th> </tr> </thead> <tbody> <tr> <td>Type compatible unit in inventory</td> <td>Proceed to section <i>Preparing CCP</i>.</td> </tr> <tr> <td>Type compatible unit not available in inventory</td> <td> <ul style="list-style-type: none"> • Using the Vitalant's <i>Customer Portal</i>, place an order for CCP. <ul style="list-style-type: none"> ◦ Select <i>CREATE ORDER</i> and choose method of delivery. ◦ Select <i>Plasmas</i>, then <i>MODIFIERS</i> and choose </td> </tr> </tbody> </table>	If:	Then:	Type compatible unit in inventory	Proceed to section <i>Preparing CCP</i> .	Type compatible unit not available in inventory	<ul style="list-style-type: none"> • Using the Vitalant's <i>Customer Portal</i>, place an order for CCP. <ul style="list-style-type: none"> ◦ Select <i>CREATE ORDER</i> and choose method of delivery. ◦ Select <i>Plasmas</i>, then <i>MODIFIERS</i> and choose
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COVID-19 Convalescent Plasma and SAVE.

- Enter number of units requested according to patient ABO compatibility. Select *ADD PRODUCT* and *SUBMIT*.

Receiving CCP

- Enter CCP into Sunquest under *Blood Product Entry (BPE)* upon receipt.
- EA products cannot be scanned into Sunquest. Refer to section *CCP Preparation Codes and Labeling* for Sunquest input codes.
- The product code will be labeled as a *High Titer Convalescent Plasma*.

Step	Action
1.	Scan unit barcode.
2.	Under <i>Component</i> enter the appropriate <i>Input Sunquest Code</i>
3.	Under <i>Division #</i> enter the 2 digit division code that corresponds with the EA code on the unit. Example: V00 , VD0 etc.
4.	Complete entering of the unit by scanning the ABO and expiration date from the unit.
5.	If unit passed visual inspection, select <i>PASS</i> under <i>Visual inspection</i> .
6.	Select <i>Add</i> and <i>Save</i> . Place unit on designated shelf in the freezer until product is needed for transfusion.

Preparing CCP

Step	Action
1.	Thaw CCP. Refer to SOP <i>Thawing Frozen Plasma or Cryoprecipitate</i> .
2.	Prepare the unit in Sunquest under <i>Blood Component Preparation (BCP)</i> . Refer to section <i>CCP Preparation Codes and Labeling</i> for processing codes. Once unit preparation is completed in Sunquest proceed to the next step. Note: Label will not print from the digitrax printer. <ul style="list-style-type: none">• Under <i>Value</i>, enter the <i>Component Prep Function</i>. Note: This will begin with C, followed by the first 3 numbers of the component code (EA160V00). Under <i>Date and Time</i>, enter the date and time of thaw and select <i>Continue</i>.• Scan the unit number barcode. Under <i>Component</i> use the drop down menu to manually choose the correct component type. Once complete, select <i>Save</i>. Note: There will be no <i>Product Code</i> under <i>Unit Data</i>.
3.	Manually label the unit using a <i>Product Code</i> label. Note that the division code will be the same as the initial product code. Example Frozen EA 160VD0 , Thawed EA 162VD0
4.	Manually label the unit using a <i>REVISED EXPIRATION</i> label. Product will expire 5 days from the thaw date. Initial unit after labeling is complete.
5.	Attach a copy of the nursing tip sheet (<i>Blood Product Scanning Update: COVID-19 Convalescent Plasma Only</i>) to each unit.

CCP Compatibility Chart

Refer to the following chart for ideal plasma ABO compatibility choices.

Patient ABO Type	ABO Compatible	Alternate Options for Adults Only
O	O, A, B, AB	None
A	A, AB	1 st Choice = O 2 nd Choice = B
B	B, AB	1 st Choice = O 2 nd Choice = A
AB	AB	1 st Choice = A 2 nd Choice = B 3 rd Choice = O

CCP Preparation Codes and Labeling

Apheresis CCP

Input Ecode	Input Sunquest Code	Component Prep Function	Output Ecode	Output Sunquest Code
EA160	CPHT	C160	EA162	CPHTT
EA166	CPHT1	C166	EA182	CPHT1T
EA168	CPHT2	C168	EA184	CPHT2T
EA170	CPHT3	C170	EA186	CPHT3T
EA172	CPHT4	C172	EA188	CPHT4T
EA296	CPHT5	C296	EA298	CPHT5T

Whole Blood Derived CCP

Input Ecode	Input Sunquest Code	Component Prep Function	Output Ecode	Output Sunquest Code
EA258	CPHT	C258	EA260	CPHTT
EA262	CPHT	C262	EA276	CPHTT
EA393	CPHT	C393	EA218	CPHTT

Psoralen Treated CCP

Input Ecode	Input Sunquest Code	Component Prep Function	Output Ecode	Output Sunquest Code
EA200	CPHTS	C200	EA234	CPHTST

RELATED DOCUMENTS

Thawing Frozen Plasma or Cryoprecipitate

All revision dates:

4/20/2021, 8/28/2020, 4/28/2020

Attachments

[Blood Product Scanning for CCP Tip Sheet for Nursing.pdf](#)

[Entering and Processing an EA Code for CCP in Sunquest Tip Sheet.pdf](#)

Approval Signatures

Step Description	Approver	Date
Laboratory Director	Lindsey Westerbeck: Dir, Lab	pending

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