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PTC – TRANSFUSION FREE PATIENTS

☒ **St. Joseph Medical Center Tacoma, WA** ☐ **St. Clare Hospital Lakewood, WA** ☐ **St. Elizabeth Hospital Enumclaw, WA**
☐ **St. Francis Hospital Federal Way, WA** ☐ **St. Anthony Hospital Gig Harbor, WA** ☐ **Highline Medical Center Burien, WA** ☐ **PSC**

PURPOSE

To describe how to enter Transfusion Free patients' consent information regarding their selections of which blood components and under what circumstances they are willing to accept or refuse them.

BACKGROUND

The Transfusion Free Medicine & Surgery program at CHI Franciscan opened in 1999. Today, it provides services to nearly 4,000 patients and for more than 500 surgeries each year, involving all the surgical and procedural specialties, including joint replacement, open and robot-assisted heart procedures, neuro- and bariatric surgeries.

The Transfusion-Free service line has brought patients into the FHS facilities from all corners of Washington, as well as from Alaska and Idaho. Patients looking for non-blood management are willing to bypass hospitals in their own communities to support a hospital that will respectfully treat patients wanting to avoid transfusions for religious reasons or because of concerns regarding blood products and transfusion.

RELATED DOCUMENTS

R-W-TS-0107   Adding Comments to Patient Comment File (PTC)
J-W-TS-0105   Previous Record Check
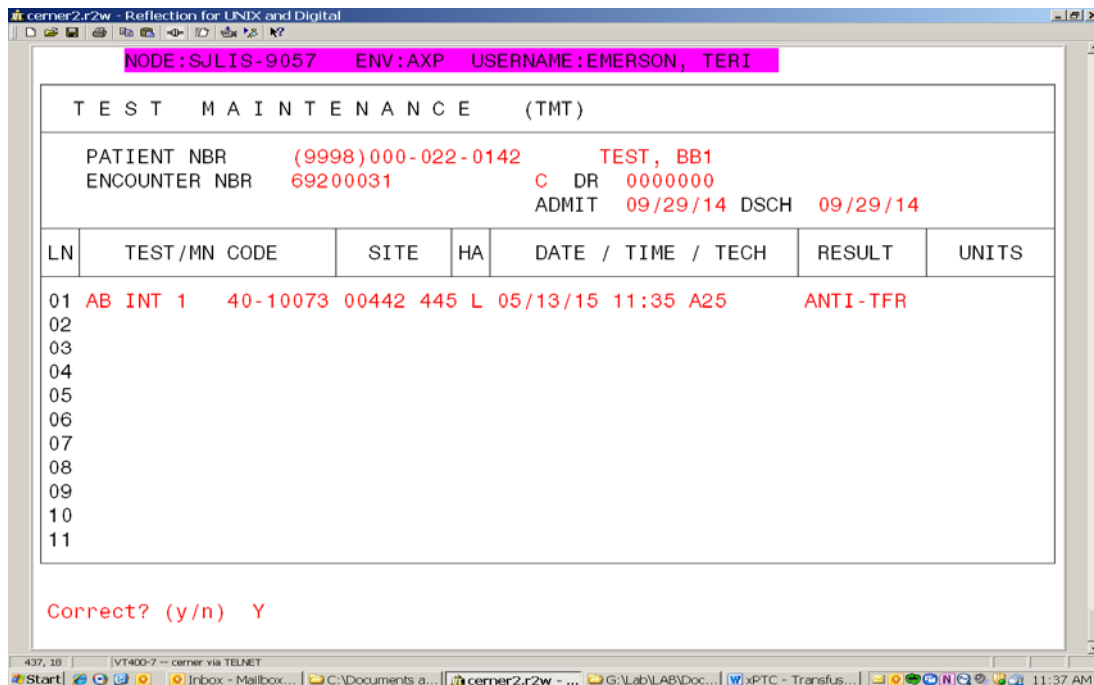J-W-TS-0851   TMT – Adding Patient Requirements to PTC Window

STEPS

1. One of the Transfusion Free Medicine nurses or the program manager will send an email to the blood bank manager with details about the patient. This will include (see template below for visual example):
    - Name
    - MRN
    - Whether the patient is an Absolute Refusal or a Conditional Refusal
    - Which blood products are acceptable to give and which are not.

ABSOLUTE REFUSAL	x	CONDITIONAL REFUSAL	
Blood Product	**Accepts**	**Refuses**	
Red Blood Cells		X	
Platelets		X	
Plasma (including FFP)		X	
Cryoprecipitate	X		
Rhogam (RhIG)	X		

2. The blood bank manager has the option to forward the email to interested blood bank techs for them to complete all required tasks in TMT & PTC.

3. First check PTC to see if there is a "TFR" in the window and comments regarding the patient's selections. **Note:** If "TF" is seen, please notify the manager for correction.
   - If "yes" – review the comments carefully to see if they match the current selections sent to us by Transfusion Free Medicine nurses.
   - Patients are asked to update their selections at each admission.
     --If they are the same, no further action needs to be taken.
     --If they are different, then update the selections in the PTC comment field.
   - If there are no comments present and/or no "TFR" in the window, proceed to Step #4.

4. Type in TMT at the Cerner prompt

5. Type in the patient information, being careful to select the correct MRN and press ENTER. A screen will open with all patient encounters. Select the most recent "H" (Hosp Outpt) or "I" (Inpatient) encounter. Record the encounter number on a piece of paper for later use.

6. Type in "AB INT 1" in the "TEST/MN CODE" field. Continue to press ENTER until you reach the RESULT field. Type in "TFR" and press ENTER. "Anti-TFR" will appear.

7. Continue to enter through until the TMT screen entirely vanishes.

8. Open PTC for the patient. Verify that "TFR" is in the window.

9. The HA Code "L" must be entered which will then take the cursor to the comments field.

9. Based on the patient's selections, choose a template from the list below. To bring up the template:
   - Press the NUM LOCK key and while holding it down, press G.
   - Enter through the "ID:" field
   - Next to "Template", type in the name of the desired template and press enter to bring up the template into the comments field.

10 Information to be entered into the template:

- Shift F3 to insert the current date and time in the first underline spot.
- Shift F4 to jump to the next underline spot to insert your Tech ID.
- Shift F4 to jump to the next underline spot to insert the name of the nurse that emailed the information to us. Sometimes you will note that Jarrell Fox has sent the email. When this happens, change "RN" in the template to "Manager".
- Shift F4 to jump to the final open spot where you will insert the patient's encounter number written down previously. This helps us to more easily locate the correct encounter in TMT if we ever have to remove the "TFR" from the window.
- Use the right arrow to move to the end of the text and press ENTER, then press F8 to exit PTC

11. Open PTC again to be certain that both the "TFR" and the comment have been recorded properly.

TRANSFUSION FREE MEDICINE TEMPLATES

Template	Function	Expanded Template
TFALL	Patient refuses all blood products	_ _ Patient is Transfusion Free. No blood products of any kind will be accepted. This includes RBCs, Granulocytes, FFP, Platelets, Cryo, and RhIG. Information provided by _, RN. TF added to window (#_).
TFXCR	Patient refuses all blood products except Cryo and RhIG	_ _ Transfusion Free patient. Do NOT transfuse RBCs, Granulocytes, FFP, or PLTs. Patient accepts plasma "fractions", so OK to transfuse Cryo or give RhIG. Information provided by _,RN. TF added to window (#_).
TFXR	Patient refuses all blood products except RhIG	_ _ Transfusion Free patient. Do NOT transfuse RBCs, Granulocytes, FFP, PLTs or Cryo. Patient accepts some plasma "fractions", so OK to give RhIG. Information provided by _,RN. TF added to window (#_).
TFCOND	**Conditional patient who refuses all blood products until all other life-saving methods have been exhausted.	_ _ Patient is "conditional" Transfusion Free. Wants all applicable alternatives tried first, but would accept RBCs, Granulocytes, FFP, PLTs, Cryo, or RhIG in an absolute emergency when all other alternatives have been exhausted. Information provided by _, RN. TF added to window (#_).

** <u>Note</u>: *Conditional patients will either accept all blood products in a life-threatening situation, or only some of them. The TFCOND template lists <u>all</u> possible blood products.*

- When determining selections in the template, just delete the products they will not accept from the list.
- Then after the word "exhausted" insert the following statement. "DO NOT transfuse _____." and insert the products they will NOT accept.

DISPENSING BLOOD

The "TFR" antibody in the window will <u>prevent ALL blood products from being dispensed</u>. When the patient has elected to accept specific products, but not all of them (in either absolute or conditional statuses), the following process must occur in order to issue the blood:

1. Bring up the desired unit in PIM.

2. Add "TFR-"(TFR negative) to the antigen field and enter through the rest of the fields. It is now ok to dispense.

DOCUMENT APPROVAL	Purpose of Document / Reason for Change:

To create document specific for entering blood selection information on Transfusion Free Medicine patients. This will assist in preventing an inadvertent issue of blood products for which the patient has not given consent.

☐ *No significant change to process in above revision. Per CAP, this revision does not require further Medical Director approval.*

Committee Approval Date	☒ Date: 5/14/2015 ☐ N/A – revision of department-specific document which is used at only one facility	**Medical Director Approval** *(Electronic Signature)*	*Katie Wilkinson, MD* 5/13/15