

<b>TITLE:</b> QE BT Patient Product Inquiry (PPI) Application - Provincial Hospitals Procedure	<b>Doc #:</b> 39853
<b>Section:</b> Management System\PLM\General\Millennium\Blood Transfusion Services\	<b>Version:</b> 1.0 Current
<b>Document Owner:</b> BT Technical Specialist (MG)	<b>Effective Date:</b> 2016/01/18
<b>Final Approval:</b> Irene A Sadek Dr	


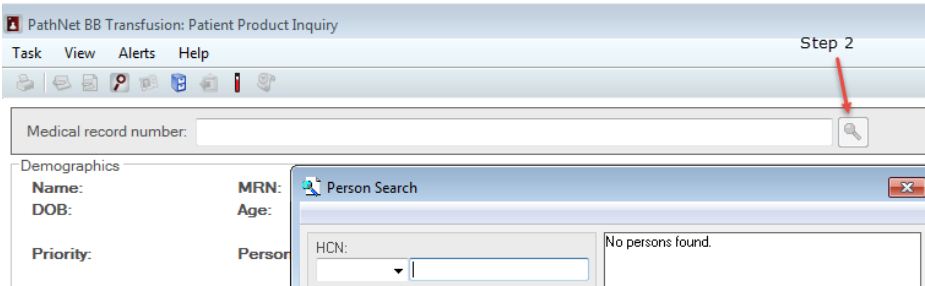
**Purpose**            The purpose of this procedure is to describe how hospitals outside NSHA (Central Zone) can access patient BTS records including blood group and antibody screen, antibody history, patient comments, transfusion requirements, specimen availability and associated blood components and products from NSHA (Central Zone) using a modified version of the Millennium application, Patient Product Inquiry.

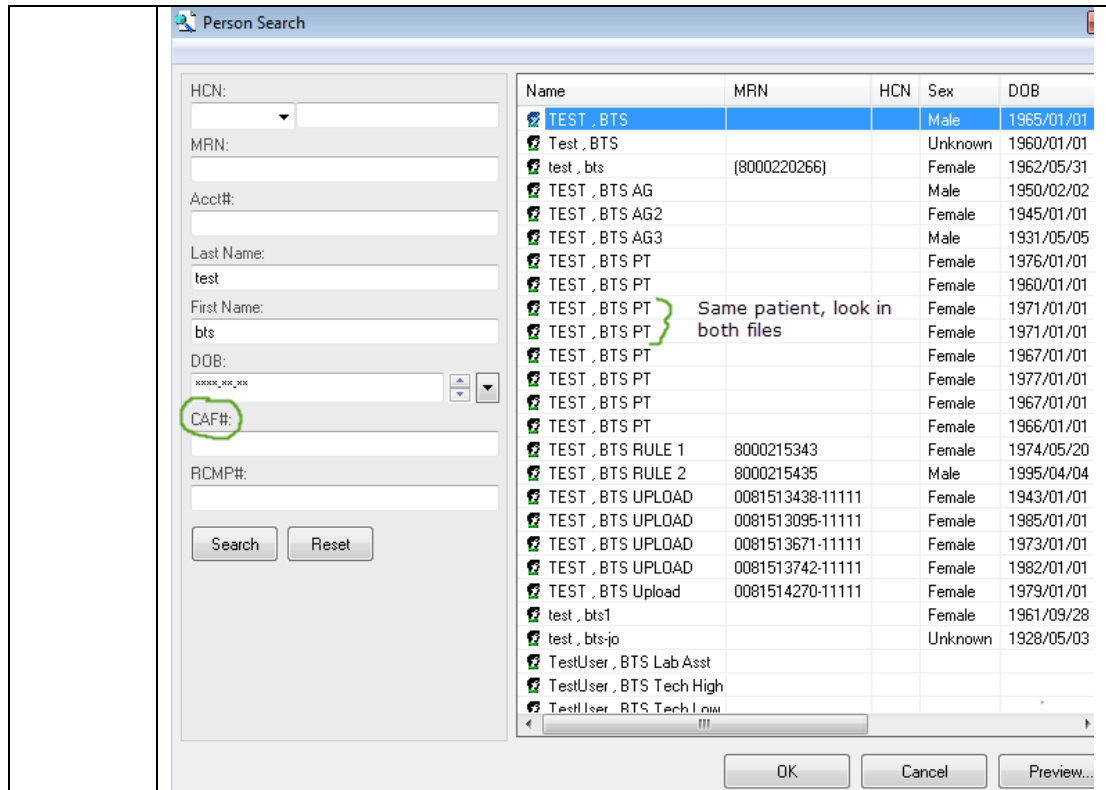
**Abbreviations**

- BTS – Blood Transfusion Service
- CAF – Canadian Armed Forces
- DGH – Dartmouth General Hospital
- HCN – Health Card Number
- HCH – Hants County Hospital
- LIS – Laboratory Information System
- MRN – Medical Record Number
- NSHA – Nova Scotia Health Authority
- PPI – Patient Product Inquiry
- QEII – Queen Elizabeth Health Science Centre
- SOP– Standard Operating Procedure

**Procedure**

**1. Patient History Search by HCN**

Step	Action
1.1	Click on the “Patient Product Inquiry” Application button. 
1.2	Click on the search button beside the MRN space to open the “Person Search” window. 
1.3	Enter the HCN ( <b>Do not enter the province</b> ) in the top field and click “Search”.  <b>NOTE:</b> If HCN is not available and the patient is identified by CAF number, enter this number in the CAF# space, and click “Search”.



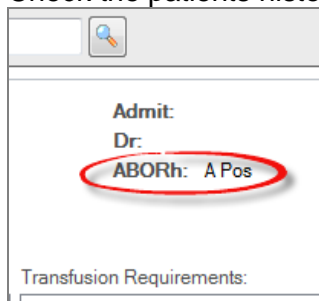
1.4 Check the list carefully to select the correct patient. Click on the correct patient row and click OK.

**NOTE:** Any patient with the same sequence of digits in their HCN will be displayed (there may be more than one row that is for the same patient). Each row that is an exact HCN match must be selected for history search as each row represents a separate file for the patient any may contain different BTS history.

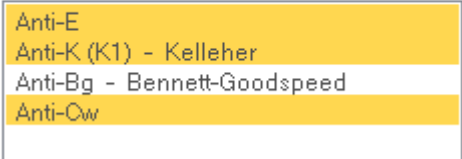
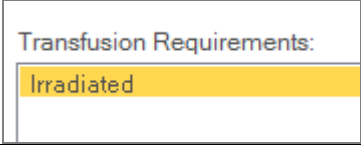

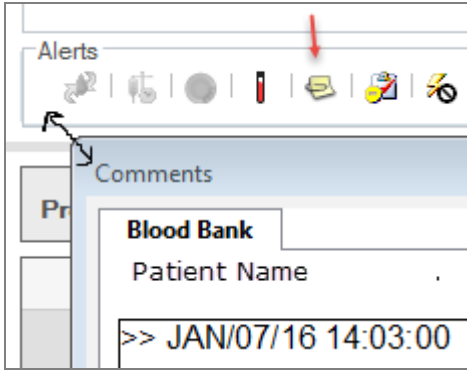

1.5 Check the displayed demographics to ensure it is the correct patient.

1.6 View the patient's ABO\Rh, antibodies, comments and transfusion requirements that display:

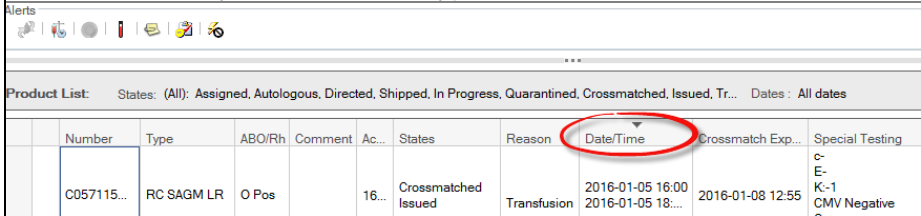
a. Check the patients historical ABO\Rh



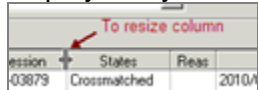
b. Check for Antibodies. Click to scroll down if the antibody box

	<p>shows the up and down arrows. The arrows disappear if there is no hidden information. <b>Clinically significant antibodies are highlighted yellow.</b></p> <p>Antibodies:</p>  <p>c. Check for Blood Bank Comments. See step 1.7.  d. Check for Transfusion requirements. <b>Requirements are highlighted in yellow to make them stand out.</b></p> 
1.7	<p>Check the <b>Alerts</b> located in the center of the screen below the <b>antibodies box</b>. If the <b>Comments</b> icon is colored, click on it to see the Blood Bank comments.</p> <p><b>NOTE:</b> Resize the comment box by hovering over any corner until the double headed arrow appears . Click and drag the arrow to resize vertically and or horizontally. If there is a lot of text, this will make it easier to view.</p>  <p>If any other Alerts icons are colored, click on them for additional information as required.</p>
1.8	<p>Click Retrieve to load the blood component/product list.</p> 
1.9	<p>Click the <b>Date/Time</b> column header to sort the rows by date and time. You can sort the blood components/products by clicking on the column</p>

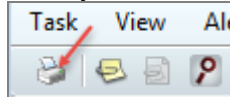
header of the column by which you want to sort. The most common sort would be by Date/Time or Type.



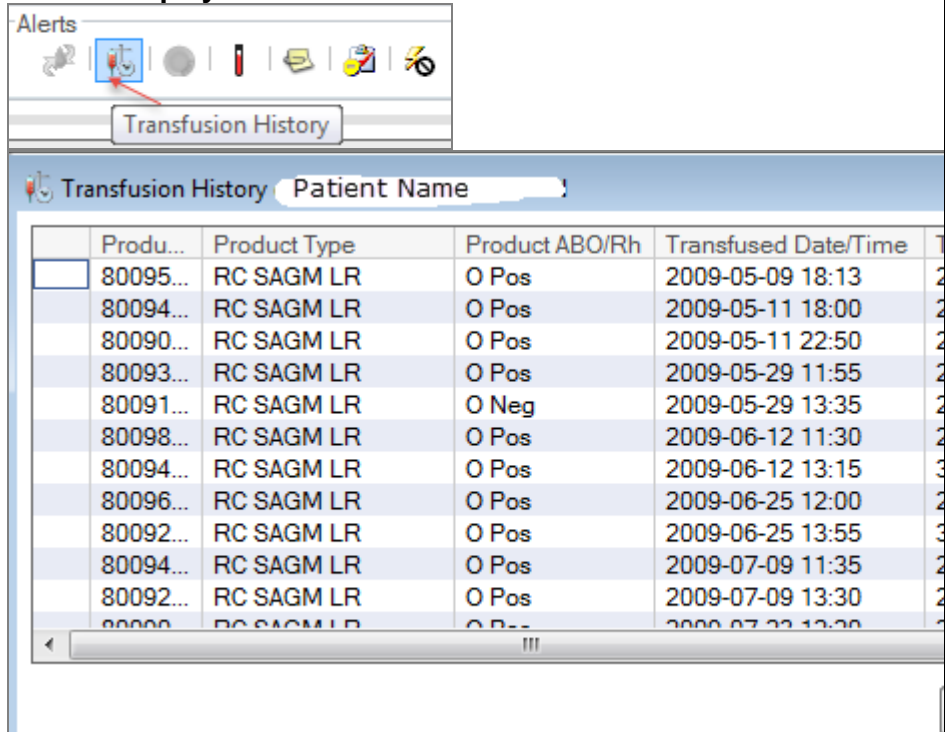
1.10 Resize the columns by clicking and dragging. By doing this you can hide unwanted columns and create a printable document which displays only the information you want.



1.11 Click the print icon in the toolbar if you need to print the transfusion history.



1.12 You can also print or view a patient's transfusion history by clicking on the **Transfusion History** alert. This opens a window which displays all products in **Transfused State** sorted by date. You can print a report BUT keep in mind that any **products that are still in Issued State will not display.**








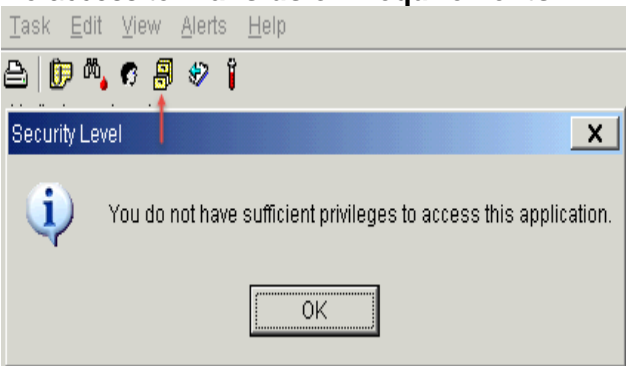
Produ...	Product Type	Product ABO/Rh	Transfused Date/Time
80095...	RC SAGM LR	O Pos	2009-05-09 18:13
80094...	RC SAGM LR	O Pos	2009-05-11 18:00
80090...	RC SAGM LR	O Pos	2009-05-11 22:50
80093...	RC SAGM LR	O Pos	2009-05-29 11:55
80091...	RC SAGM LR	O Neg	2009-05-29 13:35
80098...	RC SAGM LR	O Pos	2009-06-12 11:30
80094...	RC SAGM LR	O Pos	2009-06-12 13:15
80096...	RC SAGM LR	O Pos	2009-06-25 12:00
80092...	RC SAGM LR	O Pos	2009-06-25 13:55
80094...	RC SAGM LR	O Pos	2009-07-09 11:35
80092...	RC SAGM LR	O Pos	2009-07-09 13:30


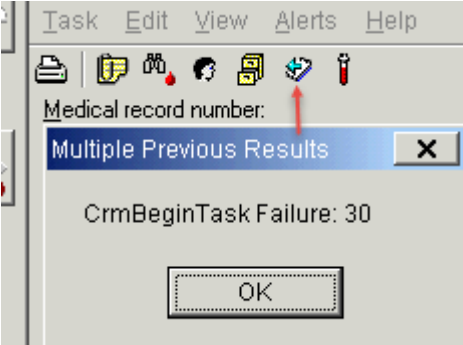

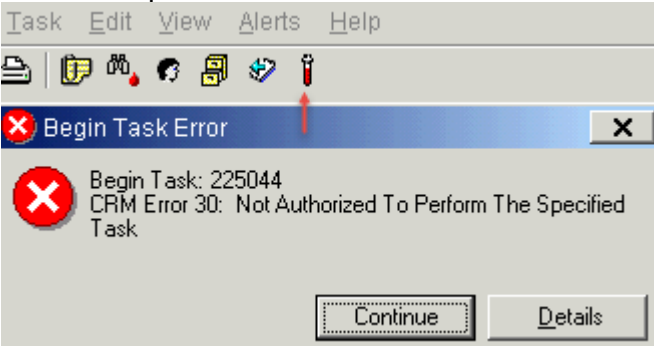
	For a full list of products in both Issued AND Transfused States you can view or print the product list from steps 1.8-1.11.
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**Procedural Notes**      Patient Product Inquiry application is used to view blood groups, antibody history, blood bank comments and transfusion requirements, and can also be used to retrieve a list of blood components/products associated with the selected patient.

	Document Name	Document #	Location
<b>Related Procedures and Documents</b>	General Applications - Patient Product Inquiry Procedure	6682	Paradigm

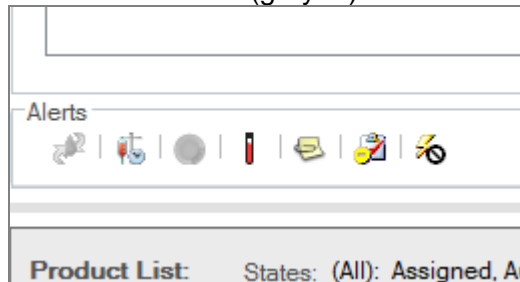




Button	Action
	Allows you to print the product list.
	Opens the <b>Comments</b> dialog box in which you can view patient Blood Bank comments.
	No access. <b>Inventory Search</b> application.
	Opens the <b>Patient Demographics</b> where you can find patient encounter history.
	No access to <b>Transfusion Requirements</b> . 



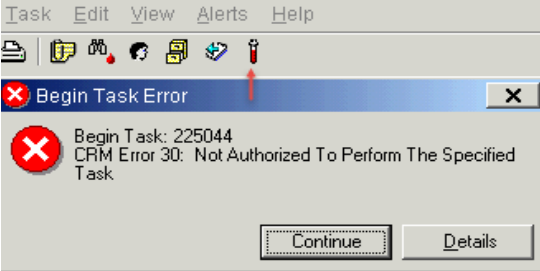





	<p><b>No access to Previous Results.</b></p> 
	<p><b>No access to Specimen Availability.</b> Error occurs when accessed. Click "Continue" to override the error to view Available Specimens window.</p> 

**Alerts**

The **Alerts** are located **in the center of the screen below the antibodies box**. The alert icons are lit (colored) when there is applicable information. If not applicable the icons are dithered (grayed) out.



Button	Action
	Opens <b>Autologous/Directed Products</b> to alert you to the fact that the patient has donated his/her own Blood Products.
	Opens <b>Transfusion History</b> to alert you to the fact that patient has associated products which are in state Transfused. Be careful using this icon as products which have been issued

	to the patient but are not updated to transfused state yet will not display here.
	Opens the <b>Antigens</b> which displays all antigen typing interpretations associated with the selected patient.
	<p>No access to <b>Specimen Availability</b>. Error occurs when accessed. Click "Continue" to override the error to view Available Specimens window.</p> 
	Opens the <b>Comments</b> dialog box in which you can view patient Blood Bank comments.
	Opens the <b>Pending Procedures</b> dialog box, which displays all of the pending procedures for the selected patient.
<ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>	Computer Crossmatch Eligibility icons are not applicable at this time.

**References**

*Version: Cerner Millennium® Release: 2010.02*