

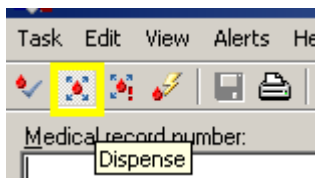
EMERGENCY RELEASE with MR#



NOTE: Please refer to the *SFO-WI.0113 Urgent requirements for Blood and Components* for details. **NO Prepare Order needed.**



1. Click on Dispense and Assign Products icon.
2. If the patient has a MR#, use the **Dispense** mode.

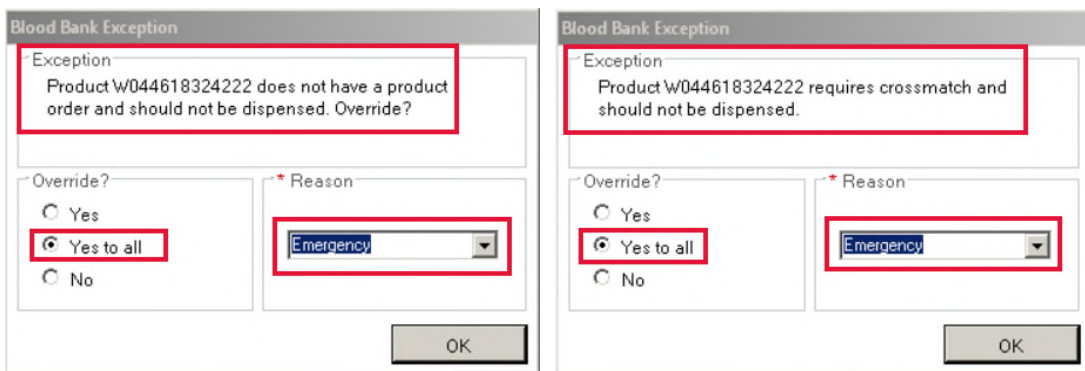


3. Enter the MR# and select the appropriate encounter (if there is no encounter, then use the true Emergency Release mode). Scan the unit# in the space below the Product Number.

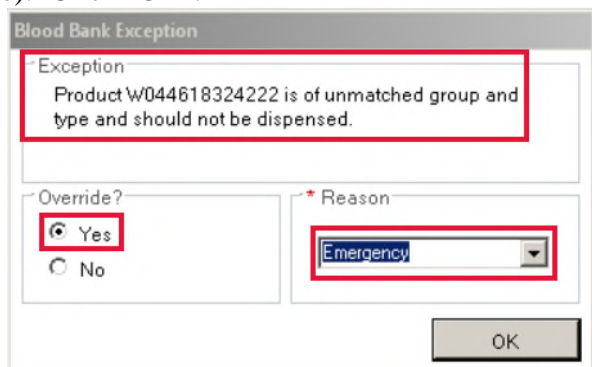
Product List:


| | |
|----------------|---------------|
| Accession: | |
| Product Number | W044618324222 |

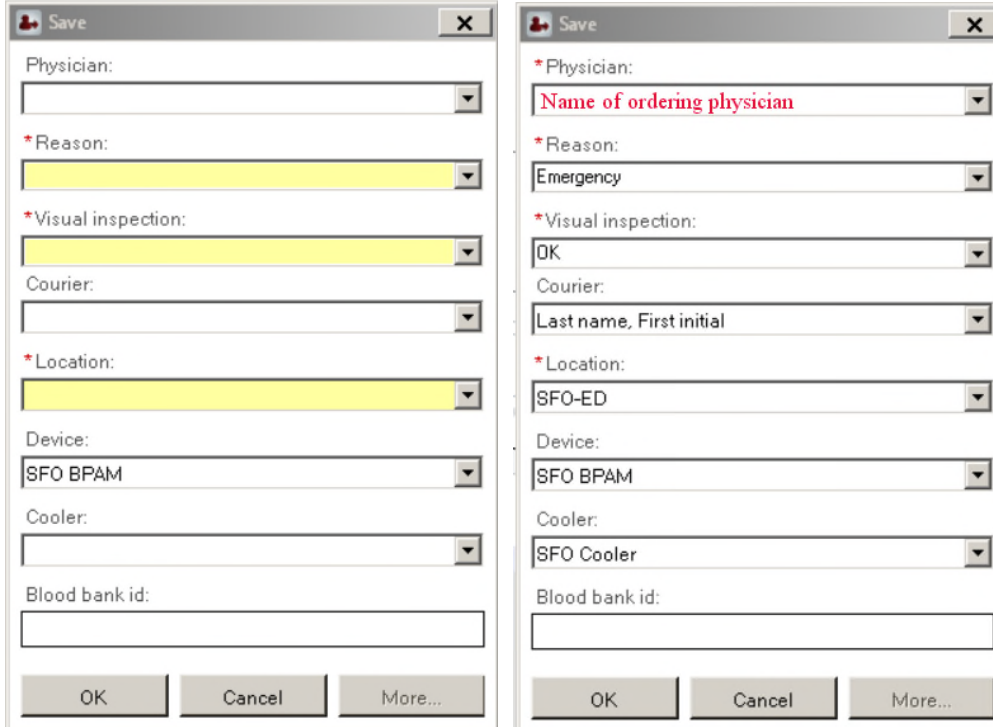
4. Windows will pop-up one after the other letting you know that there is no Product Order and the unit is not crossmatched for the patient. Read the exceptions carefully then select 'Yes to all' to override and enter an appropriate reason.



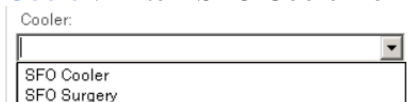
5. Scan the unit# of the uncrossmatched 'O Neg' or 'O Pos' RBC into the space below the Product Number. When the Blood Bank Exception window below opens, click on 'Yes' to override and select 'Emergency' as the reason for unmatched group and type. (Emergency patients may not have a blood type). Click 'OK'.




6. Click on the 'Save' icon  on top menu bar and enter the appropriate information in the window below when it pops up.



- i. **Physician:** Enter **physician's last name, first name** or select from drop down menu.
- ii. **Reason:** Select **Emergency**.
- iii. **Visual Inspection:** The only accepted response in this field is **OK**. If any other response is entered, the system will not allow the product to be dispensed.
- iv. **Courier:** Enter runner's **last name, initial of first name** and **OR#** when dispensing to **SX**.
- v. **Location:** The appropriate location will auto populate if the **correct encounter** had been selected. Otherwise, type 'SFO-' and enter. Select from the drop down menu.
- vi. **Device:** Device will autopopulate with '**SFO BPAM**' for IP and '**SFO Ambulatory**' for OP.
- vii. **Cooler:** Enter 'SFO Cooler' or 'SFO Surgery' when appropriate.



7. Click 'OK' when done.

 **NOTE:** For products that are dispensed emergently or without a Prepare Order to a patient, the user will receive a warning that no outbound message will be sent. The end result is that the patient and product information will not be transmitted to BPAM. See next page.

Medical record number: 12904231

Demographics:
 Name: NQMNCCAADT, MKUMARCAC S
 MRN: 110012904231, 12904231
 Age: 25 years
 DOB: 8/15/1992
 Gender: Male
 Admitting Provider: [Red Arrow]
 Ordering Provider: [Red Arrow]
 Location: SFO-ED / HL / 04
 Location: San Francisco
 FIN NBR: 300000000086
 ABO/Rh: No Hx

Antibodies: [] Blood Bank Comments: []

Alerts: []

Product List:

| Product Number | Status | Unit | Product Info |
|----------------|--------|-------------|---|
| W039717082802 | B | [Red Arrow] | RBC C-1 LR E O NEG Expires: 9/12/12 |

PathNet BB Transfusion: Dispense and Assign Products

Warning: Patient ABO/Rh is unknown. Product will be dispensed but product information will not be transmitted to the interfaced device.

OK

NOTE: Millennium considers a device or a cooler a viable storage device, like a refrigerator, and will exempt those units from being marked as transfused when the daily Final Disposition report is run.

NOTE: Post-transfusion compatibility testing should be performed according to protocol. The system will warn you that product is currently Dispensed. By clicking 'Yes', the system will allow you to enter results. Once results are entered, when the user clicks Verify, the system will warn the user that the product will remain in a Dispensed state. When the user clicks 'OK', the system will document in the product history that the product was crossmatched.

PathNet BB Transfusion: Result Entry

Demographics:
 Name: BLOODBANK, BABY
 MRN: 98798749
 Age: 6 weeks
 DOB: 1/16/2011
 Gender: Male
 Admitting Provider: MDCAR, PEAR
 Ordering Provider: LOREY, THOMAS SCOTT
 Client: San Francisco Medical
 Location/Room/Bed: SFO-C
 ABO/Rh: O POS

Antibodies: [] Blood bank comments: []

1 - <All procedures>

| Number | Procedure | ID | ABO/Rh | Comment |
|--------|-----------------|------------|-----------------|---------|
| 1 | 31-11-061-09001 | Xmatch FLX | BLOODBANK, BABY | |
| 2 | | | rbcxm19on | |
| 3 | | | | |

Crossmatch Product Validation



Product 84RBCEXM190N currently Dispensed to BLOODBANK, BABY . Do you wish to continue?

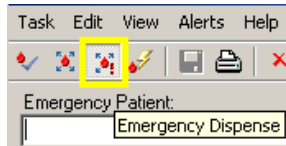
Yes No

EMERGENCY RELEASE with Trauma ID or NO Current Encounter

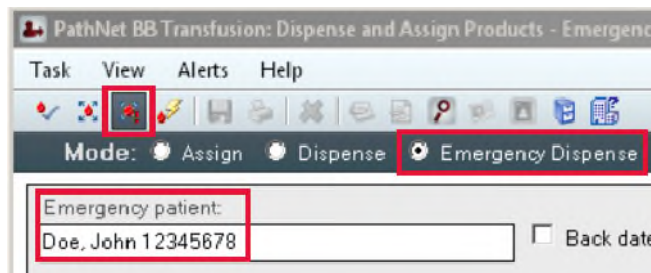
NOTE: Please refer to *SFO-WI.0113 Urgent requirements for Blood and Components* for details.
NO Prepare Order needed.



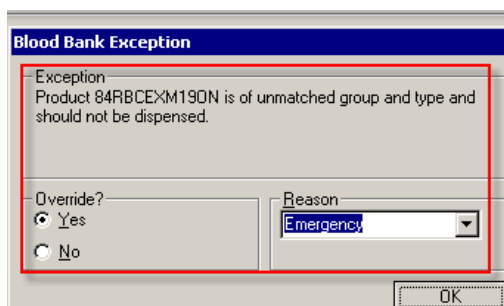
1. Click on Dispense and Assign Products icon .
2. When the patient is using a trauma number or has No Current Encounter, click on the Emergency Release icon  on top menu bar.




3. Type the assigned Trauma Name and Trauma# or Patient's actual Name and MR# as freetext in the Emergency Patient box. **Caution:** This freetext mode does not crosscheck with patient's historical information if there is any in the Millennium database. Patient's demographics will not populate.



4. Scan the unit# of the uncrossmatched 'O Neg' or 'O Pos' RBC into the space below the Product Number. When the Blood Bank Exception window below opens, click on 'Yes' to override and select 'Emergency' as the reason for unmatched group and type. (Emergency patients may not have a blood type). Click 'OK'.



5. Continue scanning all the uncrossmatched RBC units, then click the 'Save' icon  on top menu bar. Enter the appropriate information in the window below when it pops up. See next page.


- i. **Physician:** Enter **physician's last name, first name** or select from drop down menu.
- ii. **Reason:** Select **Emergency**.
- iii. **Visual Inspection:** The only accepted response in this field is **OK**. If any other response is entered, the system will not allow the product to be dispensed.
- iv. **Courier:** Enter runner's **last name, initial of first name** and **OR#** when dispensing to **SX**.
- v. **Location:** The appropriate location will auto populate if the **correct encounter** had been selected. Otherwise, type 'SFO-' and enter. Select from the drop down menu.
- vi. **Device:** Device will autopopulate with '**SFO BPAM**' for IP and '**SFO Ambulatory**' for OP.
- vii. **Cooler:** Enter 'SFO Cooler' or 'SFO Surgery' when appropriate.


6. Click OK when done.



NOTE: For products that are dispensed emergently or without a Prepare Order to a patient, the user will receive a warning that no outbound message will be sent. The end result is that the patient and product information will not be transmitted to BPAM.

The screenshot shows a medical record interface. At the top, there are fields for 'Medical record number' (12904231) and 'Date and time'. Below this is a 'Demographics' section with fields for Name, MRN, Age, DOB, Gender, Admitting Provider, Ordering Provider, Location, FIN NBR, and ABORh. A red arrow points to the 'ABORh' field, which contains 'No Hx'. Below the demographics is a 'Product List' section with a table. The table has columns for 'Product Number', 'Status', 'Unxm', and 'Product Inform'. The first row shows 'W039717082802', 'B', a warning icon, and 'RBC O+1 LR E O NEG Expires: 9/12/20'. A red arrow points to the 'Unxm' field, which contains a red exclamation mark. To the right of the product list is a 'Save' button and a 'PathNet BB Transfusion: Dispense and Assign Products' dialog box. The dialog box has a red 'X' icon and the text: 'Patient ABO/Rh is unknown. Product will be dispensed but product information will not be transmitted to the interfaced device.' There is an 'OK' button at the bottom right of the dialog box.

 **NOTE:** Millennium considers a device or a cooler a viable storage device, like a refrigerator, and will exempt those units from being marked as transfused when the daily Final Disposition report is run.

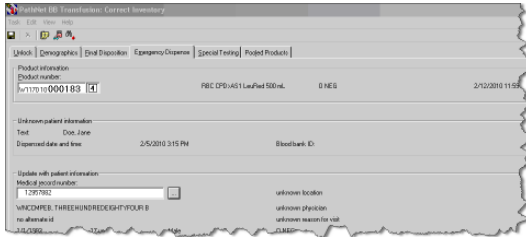
 **NOTE:** Once a product has been dispensed to a patient in Emergency Dispense mode and the patient is registered in the system and has been given an MRN, the patient's record must be updated to reflect the use of the emergency dispensed product. This action is performed in the Correct Inventory application and links the product to the patient for accurate disposition.

7. See next page to link the emergently dispensed products with the correct MR#.

Update Emergency Dispense Information (Correct Inventory)



1. Click on the ‘Correct Inventory’ icon.
2. Click the Emergency Dispense tab in the ‘Correct Inventory’ window.



3. Click the **Product Number** field and scan in the product number.



NOTE: After an appropriate product has been entered, free-text patient name or identifier information that was entered at the time of the emergency dispense is displayed in the Unknown patient information area.

4. Click the Medical record number field and enter the patient’s **MR#** and select the appropriate encounter; patient’s demographic information displays.
5. Click the ‘**Save**’ icon.
6. Select **Reason** from the predefined list or enter a free-text comment in the Comments box.
7. Click **OK**; changes are saved.
8. Check PPI to make sure the products are associated correctly with the patient.



NOTE: Post-transfusion compatibility testing should be performed according to protocol. The system will warn you that product is currently Dispensed. By clicking ‘Yes’, the system will allow you to enter results. Once results are entered, when the user clicks Verify, the system will warn the user that the product will remain in a Dispensed state. When the user clicks ‘OK’, the system will document in the product history that the product was crossmatched.

| Number | Procedure | ID | ABO/Rh | Comment |
|--------|-----------------|----------------------------|--------|---------|
| 1 | 31-11-061-09001 | Xmatch FLX BLOODBANK, BABY | O POS | |
| 2 | | rbcexm190n | | |
| 3 | | | | |