



To: Transfusion Services Managers
From: Hospital Relations Department
Date: May 8, 2018
Re: Managing the platelet inventory

Background:

We have been able to offer fee decreases over the last few years to our customers by containing costs and realizing savings such as those through our purchasing affiliates in the Alliance for Community Transfusion Services group.

We also asked for your assistance in reducing platelet outdates by accepting and using short dated products first in the "Own the Date" campaign. In addition, we modified the platelet restock program and were able to gain additional benefits there.

Unfortunately, in 2016 and 2017 we had higher than normal platelet outdate percentages and, against a background of increasing difficulty recruiting new apheresis platelet donors, the TRALI AABB Standards became effective in 2016 and 30% of female apheresis platelet donors were lost. The current challenge is a dwindling apheresis platelet donor community and increasing percentage outdates.

Plan:

We want to continue maintaining prices at a competitive level, to honor the donor, and to provide platelets as requested, but we need your help in accomplishing this. Our strategy is to extend the expiration date up to seven days for apheresis platelets. This should help reduce outdates while increasing availability without having to increase donor collections. In March 2016 the FDA published draft recommendations for blood establishments who wish to extend the dating period beyond 5 days and up to 7 days for apheresis platelets that have undergone primary bacterial testing. Dating may be extended if: 1) the platelets are collected in FDA-cleared or approved 7-day platelet storage containers with labeling that requires testing every product with a bacterial detection device cleared by the FDA and labeled for use as a "safety measure", and 2) the platelets are subsequently individually tested for bacterial detection using a device, consistent with its instructions for use.

We will extend to seven days by testing the apheresis platelets initially with BacT[®] and subsequently with the Verax PGD[®] test.

Impact to Client:

Laboratory and/or blood bank information systems must be updated to accept the ISBT product codes associated with day 6 and day 7 apheresis platelets.

These platelets must be transfused within 24 hours of our testing with the Verax PGD[®] test. Laboratory and nursing staff should be trained to check the expiration time of the component as it will no longer assume and display the 2359 default.

Day 6 and day 7 platelets will be used interchangeably to fill orders, but will be primarily used to fill STAT and ASAP orders as these requests are intended for imminent transfusion. There will be no additional cost to you for the Verax PGD[®] test.

Tentative date to implement the change is **August 21, 2018**.

Long-term solutions:

Additionally, we would like to host a working group meeting at Bedford to collaborate towards beneficial, long-term solutions for all parties. Details will be forthcoming.

ISBT product codes:

E9232	Apheresis PLATELETS ACD-A/XX/20-24C ResLeu:<5E6 Bacterial test D6
E9233	Apheresis PLATELETS ACD-A/XX/20-24C ResLeu:<5E6 1st container Bacterial test D6
E9234	Apheresis PLATELETS ACD-A/XX/20-24C ResLeu:<5E6 2nd container Bacterial test D6
E9235	Apheresis PLATELETS ACD-A/XX/20-24C ResLeu:<5E6 3rd container Bacterial test D6
E9236	Apheresis PLATELETS ACD-A/XX/20-24C ResLeu:<5E6 Bacterial test D7
E9237	Apheresis PLATELETS ACD-A/XX/20-24C ResLeu:<5E6 1st container Bacterial test D7
E9238	Apheresis PLATELETS ACD-A/XX/20-24C ResLeu:<5E6 2nd container Bacterial test D7
E9239	Apheresis PLATELETS ACD-A/XX/20-24C ResLeu:<5E6 3rd container Bacterial test D7
E9256	Apheresis PLATELETS ACD-A/XX/20-24C Irradiated ResLeu:<5E6 Bacterial test D6
E9257	Apheresis PLATELETS ACD-A/XX/20-24C Irradiated ResLeu:<5E6 1st container Bacterial test D6
E9258	Apheresis PLATELETS ACD-A/XX/20-24C Irradiated ResLeu:<5E6 2nd container Bacterial test D6
E9259	Apheresis PLATELETS ACD-A/XX/20-24C Irradiated ResLeu:<5E6 3rd container Bacterial test D6
E9260	Apheresis PLATELETS ACD-A/XX/20-24C Irradiated ResLeu:<5E6 Bacterial test D7
E9261	Apheresis PLATELETS ACD-A/XX/20-24C Irradiated ResLeu:<5E6 1st container Bacterial test D7
E9262	Apheresis PLATELETS ACD-A/XX/20-24C Irradiated ResLeu:<5E6 2nd container Bacterial test D7

E9263	Apheresis PLATELETS ACD-A/XX/20-24C Irradiated ResLeu:<5E6 3rd container Bacterial test D7
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Please do not hesitate to contact me with any questions or concerns.