

Bloodworks Northwest - Return of Pooled Platelets (9/21/24)

Key points:

- Effective Sep 21, BWNW will bring back Pooled Platelets
 - 5 whole blood derived platelet units pooled into one bag
 - 1 dose of Pooled Platelets will be comparable to 1 dose of Apheresis Platelets
- BWNW will continue to make Apheresis Platelets
- Ordering for LP
 - No change LP will continue to order Adult Dose Platelets
 - Epic <u>Prepare Platelets</u>, <u>Adult Dose</u> order Process Instructions will be revised to indicate that order will be filled with either Apheresis or <u>Pooled Platelets</u>
 - o BWNW will issue units interchangeable depending on inventory availability
- Scanning/transfusion/documentation for RN/Anesthesia
 - No change same for both Apheresis and Pooled

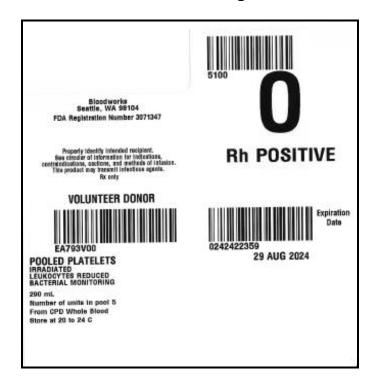
Clinical Impact

We do not expect a difference in clinical impact to the patient. Whole blood platelets are as efficacious as apheresis platelets in their ability to achieve primary hemostasis. If the patient has developed multiple alloantibodies against HLA, there is a chance that a pooled product will result in a higher increment than an apheresis product, although this has not been borne out with rigorous studies. The pooled product is derived from 5 whole blood donors compared to one donor. Transfusion transmissible disease testing has progressed to the point that the risk of contracting HIV or hepatitis from a pool is essentially the same as from an apheresis platelet.

Comparison

	Apheresis Platelet	Pooled Platelet
Shelf Life	7 Days	7 Days
Leukoreduced	Yes	Yes
Irradiated	Yes	Yes
Bacterial Monitored	Large volume delayed sample	Large volume delayed sample taken at 48
	taken at 48 hours post collection	hours post collection of youngest platelet
		component in pool
Normal PLT Yield	≥ 3.0 E+11	≥ 3.0 E+11

Pooled Platelets Bag Label



For questions or concerns, please contact:

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