

Transfusionists Talk – Transfusion Made Bloody Easy

PLATELET TRANSFUSION: A STICKY PROCESS

JUNE 28, 2023

Responses for the Additional Q&A

- 1. Volume reduction is not recommended for PAS-E or psoralen treated platelet components, what is available/recommended for this scenario?**

A patient population specific discussion/response is advised. [personal communication: email from A. Nowry, Canadian Blood Services (Amanda.Nowry@blood.ca), July 7, 2023].

Please contact your Canadian Blood Services(CBS), Hospital Liaison Specialist <https://www.blood.ca/en/hospital-services/customer-service/hospital-liaison-specialists-includes-site-contact-list>.

- 2. Pooled platelets used to be five donor units pooled together. It seems like now it is four donor units pooled together. Why?**

This pertains to the platelet manufacturing technology changing to buffy coat method. The buffy coat method is described on the CBS website: <https://professionaleducation.blood.ca/en/transfusion/clinical-guide/blood-components>.

If you require additional detail, please contact your Canadian Blood Services, Hospital Liaison Specialist <https://www.blood.ca/en/hospital-services/customer-service/hospital-liaison-specialists-includes-site-contact-list>.

Reference:

Canadian Blood Services (CBS). Clinical guide to transfusion chapter 2. Blood Components [Internet]. Ottawa (CA); CBS: 2023 [cited 2023 July 31]. Available from: <https://professionaleducation.blood.ca/en/transfusion/clinical-guide/blood-components>.

- 3. Do you know of any difference in risk for TACO between PPPT and the original CBS platelets?**

Personally, not to my knowledge. Theoretically since the volume of one dose of PPPT is less than the volume of one dose of the original CBS platelets, TACO risk might be less.

CBS is not aware of an increased risk of TACO from any PAS-containing or pathogen reduced product when compared head-to-head for volume and osmotic potential. [personal communication: email from A. Nowry, Canadian Blood Services (Amanda.Nowry@blood.ca), July 7, 2023].