

## Clinical Update

# Cryoprecipitate (Cryo)

## An Adult Dose of Cryo has changed to **4 Packs**

- > This **change to 4 packs** (instead of 5) is due to an increase in fibrinogen content per pack<sup>#</sup>
- > This will provide a dose of **3 – 4 g of fibrinogen** (each pack<sup>#</sup> contains approximately 1g of fibrinogen) and is consistent with the current National Critical Bleeding guideline (2023).
- > The hospital blood bank/transfusion laboratory will issue 4 packs<sup>#</sup> when an 'Adult Dose' is requested, noting time is required to thaw the packs (typically 20 – 30 mins)



Image is of Group B Cryo in this instance but will be supplied in a group suitable for patient's actual blood group

- > <sup>#</sup>Refers to the larger Apheresis size Cryo packs, which are routinely used in SA.
- > If Apheresis packs are unavailable, the hospital blood bank/transfusion laboratory will supply an equivalent number of the smaller Whole Blood Cryo packs (10 packs) to make an Adult dose (or use a combination of both).
- > In paediatric patients, refer to weight-based dosing in paediatric critical bleeding protocols or seek expert advice.

Endorsed by SA Critical Bleeding Advisory Group and SA Blood Management Council August 2023.

For more information contact your hospital blood bank/transfusion laboratory and refer to your local Critical Bleeding Guidelines.

#### References:

1. National Blood Authority. Patient blood management guideline for adults with critical bleeding. August 2023
2. Australian Red Cross Lifeblood, Blood Component Information: An extension of blood component labels (2023 Edition, accessed June 2023)

[www.sahealth.sa.gov.au](http://www.sahealth.sa.gov.au)

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