



KIDSNTS administering blood products commenced by the Referring Hospital (RH)

1

KIDSNTS team maintain blood product transfusion commenced by RH - Tick boxes when completed.

- KIDSNTS continue blood product transfusion as prescribed & ensure a copy of the RH prescription is kept with the KIDSNTS notes.

KIDSNTS team initiates administration of blood products at Referring Hospital (RH) or during transfer

2

Child needs blood products at RH whilst KIDSNTS team in attendance at RH or during transfer - Tick boxes when completed.

- KIDSNTS team complete checking procedure in line with Birmingham Children's Hospital (BCH) bedside checks for blood product transfusion alongside RH team.
- KIDSNTS team ensure blood products transfusion card is completed & sent to the issuing Blood Bank.
- KIDSNTS team to ensure products are prescribed & recorded on KIDSNTS paperwork in 'Blood Products' section of the Appendix Document.

KIDSNTS transporting blood products from Referring Hospital (RH) to Receiving Hospital (RcH).

3

Blood products being transported by KIDSNTS from RH to RcH - THIS SHOULD ONLY BE DONE IF IT IS ESSENTIAL FOR MAINTAINING OR IMPROVING A PATIENT'S IMMEDIATE STATUS - Tick boxes when completed.

- RH Blood Bank to prepare & seal blood products in line with local procedures.
- KIDSNTS team take handover of prepared products & paperwork & maintain unopened unless required in an emergency during the transfer.
- Any products that are likely to be needed during the transfer should not be brought from RH Blood Bank in sealed transfer box but brought separately. They should then be checked in line with Birmingham Children's Hospital (BCH) bedside checks and attached to patient before transfer.
- Un-transfused products should be taken to the RcH Blood Bank as soon as practicable, for disposal or validation. A new blood transfusion request should be sent to the RcH Blood Transfusion Department on admission.

Immediate requirement for blood products on arrival of child at Receiving Hospital (RcH)

4

Child requires blood products immediately available on arrival to RcH, e.g. for emergency surgery - Tick boxes when completed.

- Refer to section 6.5.1- Requesting of Blood Products (page 13) of the KIDSNTS Standard Operating Procedure for Damage Control Surgery for Neonates on the Paediatric Intensive Care Unit at Birmingham Children's Hospital - <https://kids.bwc.nhs.uk/wp-content/uploads/2021/11/Damage-Control-Surgery-SOP-v1.0-Final.pdf> (follow this link or scan QR code)



Storage and suitability of blood products

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- **Blood products** are stable for 4-6hrs in the transport box (the duration depends on the packing method). If blood product is not used, return time to the blood bank should be stated on the box.
- **Octoplas** can be stored at 4 C for 8 hours once thawed and must be used within this time
- **FFP** can be stored at 4 C for 24 hours once thawed and must be used within this time.
- **Platelets** should be stored at 20-24 C. They should remain agitated and can be stored for 5-7days. **Transfusion should commence as soon as possible once agitation stopped - they should not be packed in the cold box.**
- **Cryoprecipitate** can only be stored at room temperature once thawed, but only for 4 hours and must be used within this time. Please do not place cryoprecipitate in our blood fridge once thawed. This will make the product unusable and will have to be discarded.