



ieMR Advanced

Orders – Fresh blood products

Care Delivery

Quick reference guide

Note: The process of ordering from blood bank **remains unchanged**. Once the blood product has been requested from blood bank, complete an order for administration in the ieMR. This order will be used by the nursing staff to document the administration.

For massive blood loss situations the *Urgent Blood Product administration tasks* should be used. The process of initiating the massive transfusion protocol remains as per current practice.

The *Fresh Blood Product Administration PowerPlan* should be used in all other circumstances.

Fresh Blood Product Administration Paediatric PowerPlan

The *Fresh Blood Product Administration Paediatric PowerPlan* contains fresh blood products and additional orders including medications, patient care and pathology orders.

1. Within the *Orders* window, search for *Fresh Blood Product Administration Paediatric PowerPlan*.
2. Select Fresh Blood Product Administration Paediatric to display the plan contents.

Note: There is a link to the current CHQ Procedure: *Blood and Blood Products: Appropriate Use and Ordering of Blood Products* and to Queensland Health's *Informed Consent – Blood & Blood Products* page.

3. Select the required patient care, medication and pathology orders within the PowerPlan by clicking the relevant checkboxes and completing the relevant fields.

Order Type	Order Name	Details
Patient Care	Please refer to state-wide policy or local procedure guidelines	
Star Sign Feedback	Star Sign Feedback	TAL, PRN As Per local procedure for blood administration
Medications	ceftriaxone (ceftriaxone 5mg/3ml oral solution)	0.125 mg/kg Solution, Oral, ONCE only, PRN for other: see order comments, Max PRN dose/24hrs: 10 mg, Indication: Infection reactions
	ceftriaxone	Select see order comments
	hydrocortisone	2 mg/kg, Injection, IV, ONCE only, PRN for other: see order comments, Indication: Infection reactions
	Flush	
	sodium chloride (sodium chloride 0.9% injectable solution)	1 mL, Injection, IV, As indicated, Flush to maintain IV patency, Indication: Flush post blood administration
Laboratory	Blood group and antibody screen medical/surgical requirements (Group and save)	Blood, Collect Routine, TAL, Clinician collect
	CHESAD	Blood, Collect Routine, TAL, Clinician collect
	Full Blood Count (FBC)	Blood, Collect Routine, TAL, Clinician collect
	To prevent cross-transfusion, all blood products ordered for infants/children <20kg, a volume MUST be prescribed in mLs (not units).	
	Transfuse - Administration	mL, IV, Special Requirements: None, Special Instructions: For infants/children <20kg, a volume MUST be prescribed in mLs (not units).
	Red Cell Concentrate - Administration	mL, IV, Special Requirements: None, Special Instructions: For infants/children <20kg, a volume MUST be prescribed in mLs (not units), up to a maximum of 1 unit.
	Plasma - Administration	mL, IV, Special Requirements: None, Special Instructions: For infants/children <20kg, a volume MUST be prescribed in mLs (not units).
	Platelets - Administration	mL, IV, Special Requirements: None, Special Instructions: For infants/children <20kg, a volume MUST be prescribed in mLs (not units), up to a maximum of 1 unit.

4. Select the appropriate fresh blood product/s and complete the **mandatory fields** i.e.
 - *Volume to be Infused*
 - *Volume to be Infused Unit of Measure*
 - *Reason for Transfusion*
 - *Rate*

If required, indicate if irradiated blood or special requirements (e.g. CMV negative) are needed in the OEF.

Note: For patients <20kgs, volume to be infused **MUST** be ordered in mLs.

5. Once the required orders have been selected as required, there are two options available: *Initiate Now* and *Plan for Later*.
 - a. If the orders are to be prescribed and administered immediately in the current encounter, select *Initiate Now* → *Orders for Signature* → *Sign* → *Refresh*.
 - b. If the orders are to remain in a *Planned* status for the nursing staff to initiate when required, select *Plan for Later* → *Sign* → *Refresh*. **Complete a progress note** indicating the name of the PowerPlan and information detailing when the plan is to be initiated.

Viewing the details of previously administered Blood products in Results

1. View the details of previous transfusions in the *Results* tab.

Blood Product Transfusion Information (Red blood c...	
Blood unit verification checklist:	Patient ID checked, Blood unit label
Blood consent form documented:	Chemotherapy specific consent
Time blood delivered to ward:	27-Mar-2018 11:30
Blood unit time commenced:	27-Mar-2018 11:34
Blood unit volume to be infused:	240
Blood unit rate infused:	120
Blood unit time completed:	27-Mar-2018 13:34
Blood unit volume infused:	240
Blood unit treatment outcome:	completed successfully

The *Fluid Balance chart* will display the volumes of administered Blood Products in the *Transfusions* band. Blood products administered intraoperatively display on the row named *Transfusions – AN*.

