

Major Transfusion Protocol Nurse

Prior to Arrival

- Identify and work with MHP doctor
- Ensure Blood bank activated
- Familiarise with Major haemorrhage protocol & prevention of coagulopathy
- Primes rapid infuser
- Arranges for blood products to be collected from blood bank
- Identify nurse for countersigning blood products

On Arrival

- Reminder: **Group & Crossmatch** sample pre-transfusion
- Commences blood transfusion
- Manages the rapid infuser and administers blood Products.
- **Ensures 1:1:1 transfusion**
- Keep all blood packs post transfusion for counting
- Ensures blood bank aware if stood down in consultation with Team leader
- **Keep unused RCC in igloo until needed**
- Return unused blood products to blood bank

Disposition/Definitive care

When patient is leaving the resus to theatre/ward or ICU, you MUST update the blood transfusion lab regarding:

- number of blood product transfused
- If there is a change in patient's identifiable data eg: MRN(**Please leave both wrist bands in patient's wrist**)

Optimise:

- Oxygenation
- Cardiac output
- Tissue perfusion
- Metabolic state

Monitor: (every 30-60 minutes)

- FBC, Coag screen
- Fibrinogen level
- Ionised calcium
- Bld gases

Aim for:

- Temp > 35 C
- pH > 7.2
- BE < -6
- Lactate < 4mmol/L
- Ca++ > 1.1 mmol/L
- Platelets > 50 x10⁹/L
- PT/APTT < 1.5 normal
- INR ≤ 1.5
- Fibrinogen > 1.5 g/L