

Major Transfusion Protocol Doctor

Prior to Arrival

- ROLE STICKER (front & back) & PPE
- Act as main point of contact with blood bank & Haematology throughout the Resus
- Contact Blood bank (22537 & 199#)
- Familiar with MHP & prevention of coagulopathy
- Rapid infuser ready

On Arrival

- **Ensure Group & Crossmatch, Coag & Fibrinogen** sent pre-transfusion
- **Ensures 1:1:1 transfusion**
- Give 10mls 10% Calcium Gluconate on arrival and titrate to requirements
- Anticoagulant reversal if required with Haematologist
- Ensures blood bank aware if stood down in consultation with Team leader
- Return unused blood products to blood bank

OPTIMISE:

- oxygenation
- cardiac output
- tissue perfusion
- metabolic state

MONITOR

(every 30–60 mins):

- full blood count
- coagulation screen
- ionised calcium
- arterial blood gases

AIM FOR:

- temperature > 35⁰C
- pH > 7.2
- base excess < -6*
- lactate < 4 mmol/L
- Ca²⁺ > 1.1 mmol/L
- platelets > 50 × 10⁹/L
- PT/APTT < 1.5 × normal
- INR ≤ 1.5
- fibrinogen > 1.0 g/L