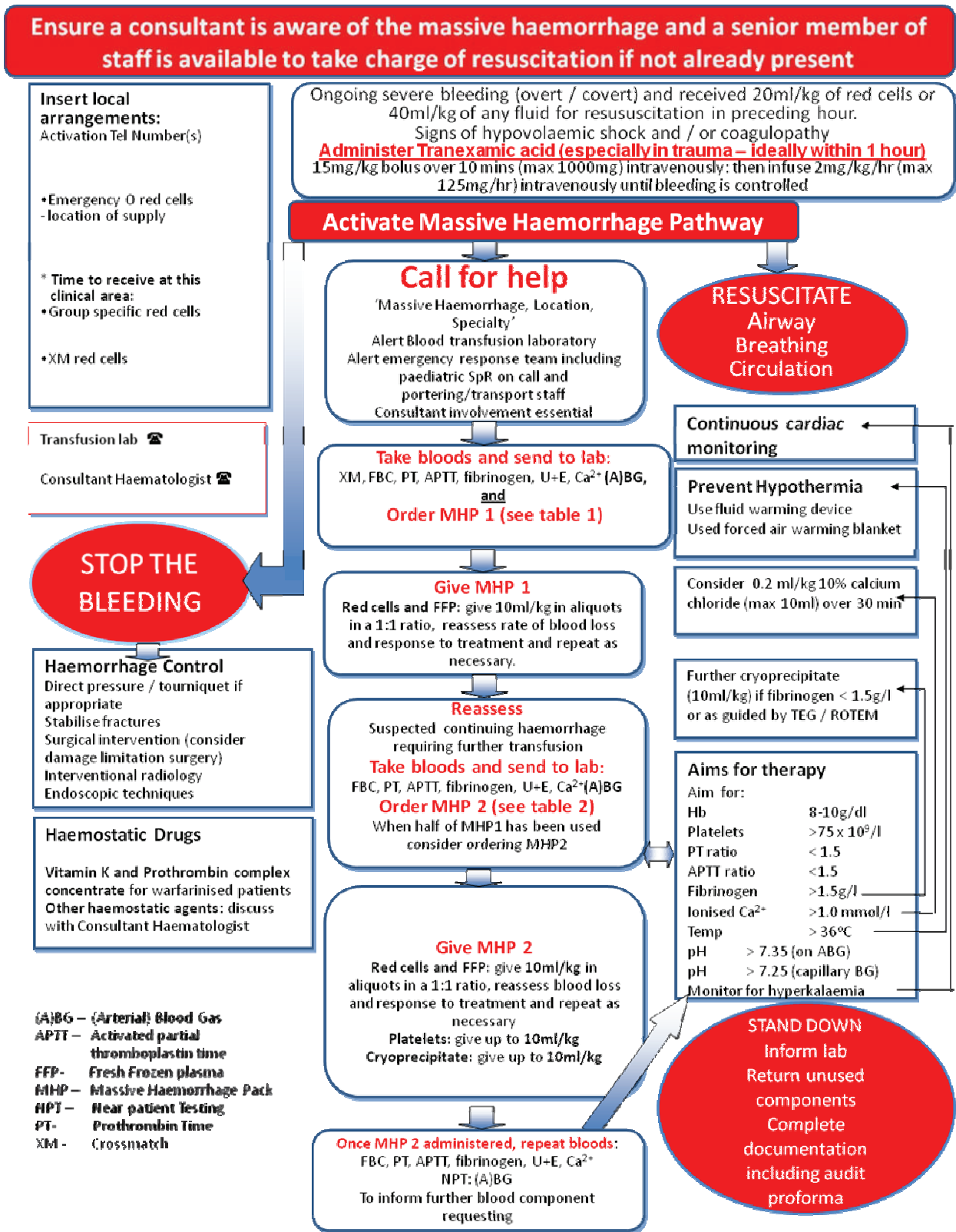


### 5.3 Algorithm for the transfusion management of massive haemorrhage in Children



RESUSCITATE  
Airway  
Breathing  
Circulation

**Continuous cardiac monitoring**

**Prevent Hypothermia**  
Use fluid warming device  
Used forced air warming blanket

Consider 0.2 ml/kg 10% calcium chloride (max 10ml) over 30 min

Further cryoprecipitate (10ml/kg) if fibrinogen < 1.5g/l or as guided by TEG / ROTEM

**Aims for therapy**  
Aim for:  
Hb 8-10g/dl  
Platelets >75 x 10<sup>9</sup>/l  
PT ratio <1.5  
APTT ratio <1.5  
Fibrinogen >1.5g/l  
Ionised Ca<sup>2+</sup> >1.0 mmol/l  
Temp > 36°C  
pH > 7.35 (on ABG)  
pH > 7.25 (capillary BG)  
Monitor for hyperkalaemia

STAND DOWN  
Inform lab  
Return unused components  
Complete documentation including audit proforma

(A)BG – (Arterial) Blood Gas  
 APTT – Activated partial thromboplastin time  
 FFP- Fresh Frozen plasma  
 MHP – Massive Haemorrhage Pack  
 NPT – Near patient Testing  
 PT- Prothrombin Time  
 XM- Crossmatch