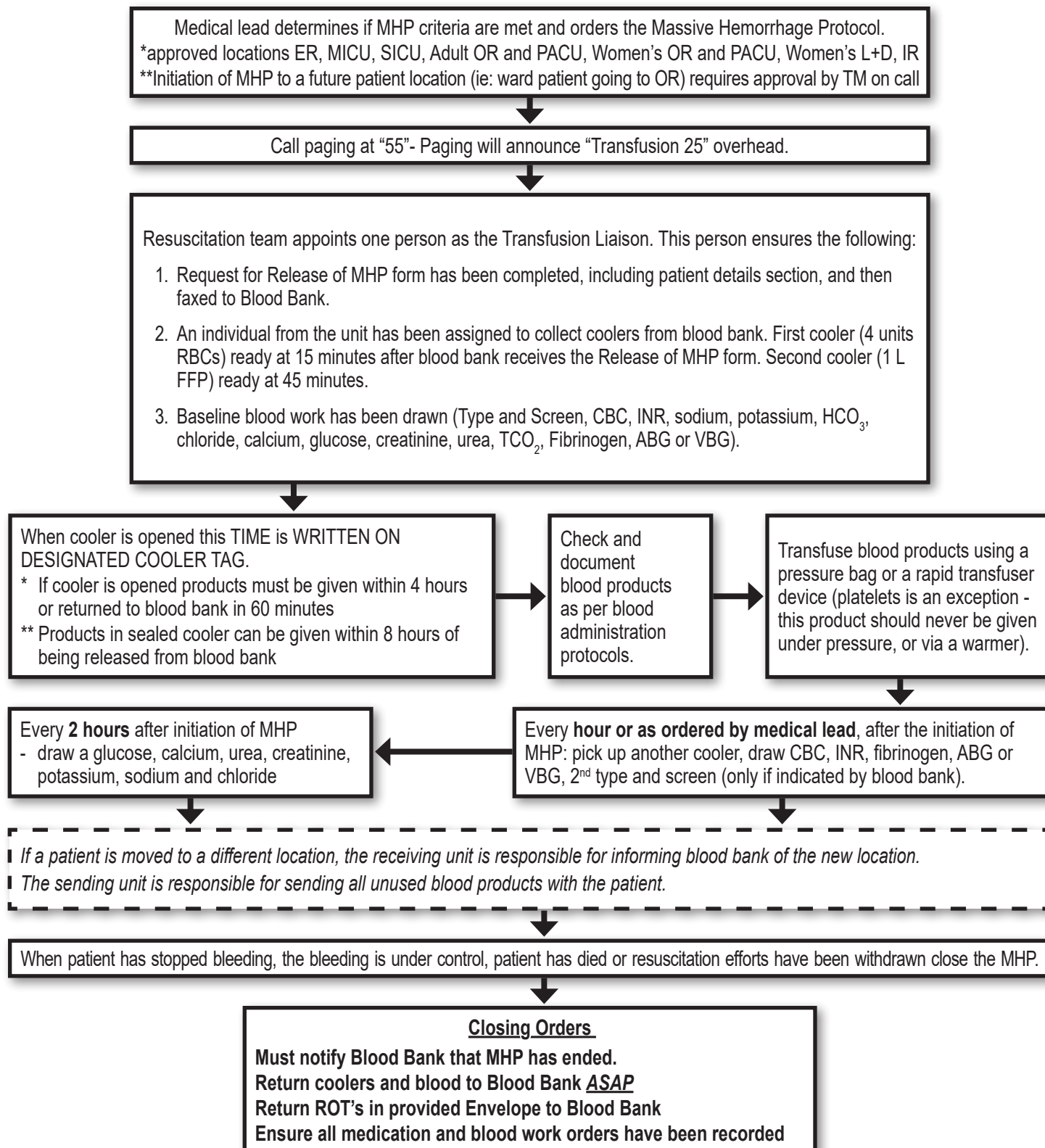


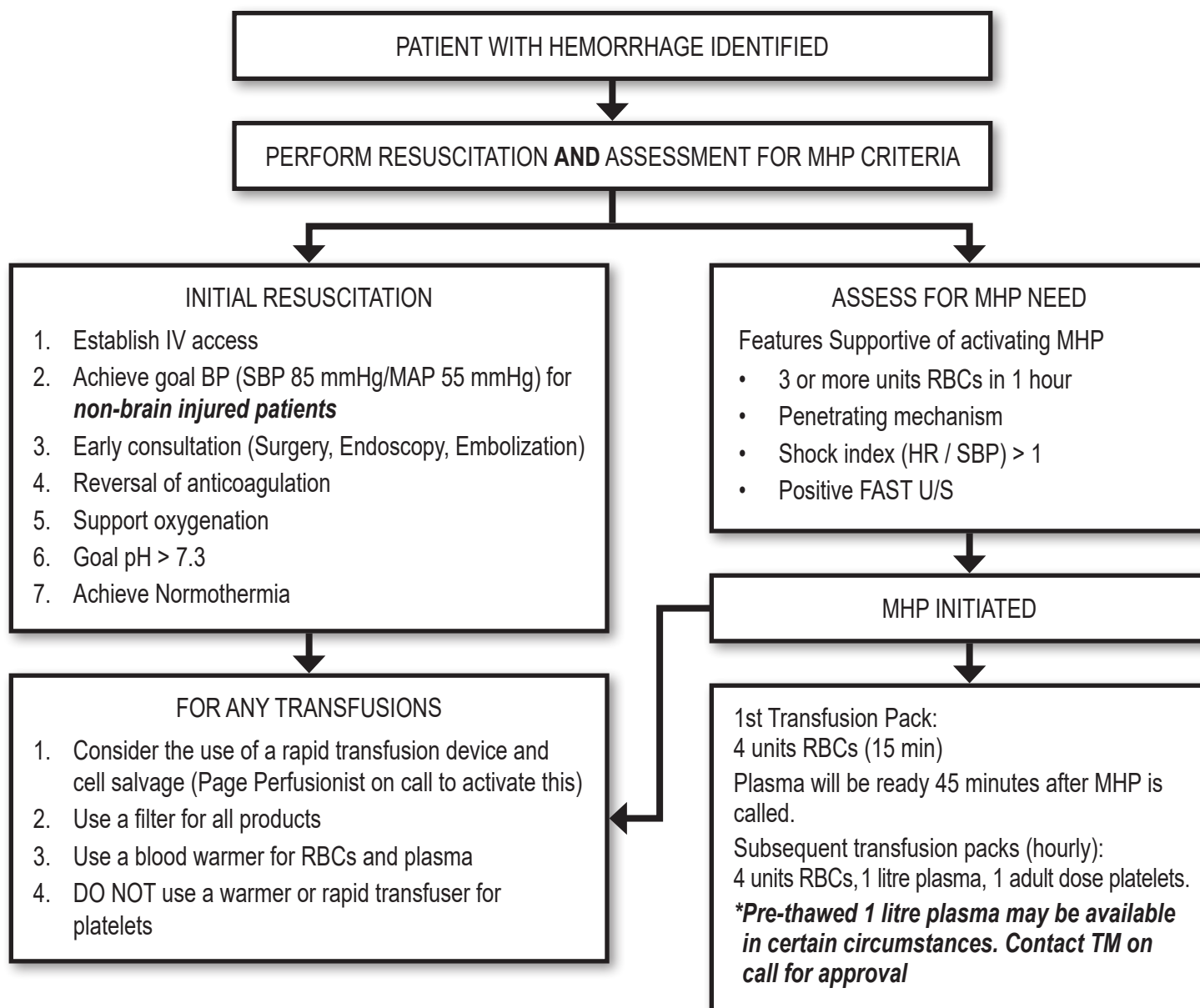
Adult Massive Hemorrhage Protocol (MHP) – General Management

HSC Blood Bank Phone: 204-787-3508

HSC Paging: 204-787-2071



Adult Massive Hemorrhage Protocol (MHP) – Management of Bleeding Patient



Hemostatic Resuscitation Goals	
Red Cells:	Goal 70–90 g/L
Platelets:	Goal > 50 (> 100 if intra-cranial or intra-ocular bleeding), consider platelet transfusion if platelet dysfunction suspected.
Plasma:	Goal INR < 1.4, Suggested initial dose 10–15 ml/kg
Fibrinogen:	Goal > 1.5 g/L (2.0 g/L for Obstetric patient) (Consider empiric treatment with Fibrinogen for Pre-eclampsia / eclampsia, DIC, placental abruption, AFE, HELLP, Uterine Rupture.)
Calcium:	Goal calcium levels: Corrected calcium > 2.1 mmol/L or ionic Calcium (on blood gas) > 1.15 mmol/L, Replacement: (1 gram Calcium Chloride via CVL or 3 grams Calcium Gluconate via peripheral IV)
Tranexamic Acid:	Consider early use in trauma patients. 1 gram bolus followed by 125 mg/hr x 8 hrs