



# Saskatoon Adult Massive Hemorrhage Protocol (MHP)

**PHONE NUMBERS:**  
**CODE ACTIVATION: 3-2-1**  
 Transfusion Medicine Lab:  
 JPCH/RUH – 2179;  
 SPH – 5168; SCH – 8204  
 Switchboard:  
 JPCH/RUH – 1000,  
 SPH – 5000, SCH – 8000

**TREATMENT TRIGGERS:**

RBC	Hb < 70-80 g/L
Platelets	< 75 x 10 <sup>9</sup> /L; if CNS injury < 100 x 10 <sup>9</sup> /L
INR	> 1.8 and bleeding
Fibrinogen	< 1.5 g/L and bleeding; If Obstetric, <2.0 g/L
Ionized Ca	< 1.15 mmol/L, give Ca gluconate 50 mg/kg or Ca chloride 1 g IV (slowly)

**\*ANTICOAGULANT REVERSAL:**

Dabigatran (Pradaxa)	Praxbind 5 g IV Call Pharmacy
Factor Xa Inhibitors	PCC 25-50 Units/kg (max 3000 Units per dose)
Warfarin	Vitamin K 10 mg IV + PCC 2000 Units IV (if unknown INR)
UFH/LMWH	Protamine 1 mg IV per 100 Units Heparin

\*For more detail, see QR code:

