**GUIDELINES FOR EMERGENCY MANAGEMENT OF HEMOPHILIA AND VON WILLEBRAND DISEASE**

**TREATMENT FOR LIFE OR LIMB-THREATENING BLEEDS**

**PATIENT MUST RECEIVE PRODUCT URGENTLY**

- **Hemophilia A** (all severities): Recombinant factor VIII concentrate 40-50 units/kg
- **Hemophilia B** (all severities): Recombinant factor IX concentrate 100-120 units/kg to 160 units/kg
- **Von Willebrand Disease**: A VW factor concentrate containing factor VIII such as Humate-P 60-80 Ristocetin cofactor units/kg

**It is critical to raise the factor level to 80-100% urgently for all life or limb-threatening bleeds.**

- **Head** (intracranial) and neck
- **Chest, abdomen, pelvis, spine**
- **Illoposas muscle and hip**
- **Massive vaginal hemorrhage**
- **Extremity muscle compartments**
- **Fractures or dislocations**
- **Any deep laceration**
- **Any uncontrolled bleeding**

**MODERATE/MINOR BLEEDS**

- **Nose** (epistaxis)
- **Mouth** (including gums)
- **Joints** (hemarthroses)
- **Menorrhagia**
- **Abrasions and superficial lacerations**

**TREATMENT FOR MODERATE/MINOR BLEEDS**

**PATIENT MUST RECEIVE PRODUCT WITHIN 30 MINUTES WHENEVER POSSIBLE**

- **Hemophilia A**: (severe/moderate) Recombinant factor VIII concentrate 20-30 units/kg
- **Hemophilia A**: (mild) Desmopressin (Octostim/DDAVP) 0.1 mcg/kg (max. 20 mcg) – SC/IV
- **Hemophilia B**: (severe/moderate/mild) Recombinant factor IX concentrate 35-50 units/kg to 50 units/kg

**For mucosal bleeds in all above add:**

- Transaminox Acid (Spartamino) 25 mg/kg po tid 1-7 days (contraindicated in hematuria)

Doses are patient-specific; these are general guidelines only. Round dose up to the nearest vial. If the products listed are not available, please call the nearest Canadian Blood Services or Héma-Québec Centre.