# Hemophilia





### The Facts

- A person with hemophilia has blood that does not clot like it should.
  - It mostly affects males but can cause a milder version in females.
  - There is no cure.
  - It is a life-long condition.
- People with hemophilia do not bleed faster than normal but have a harder time stopping the bleeding.
- Bleeding inside the body is the main problem. A person will not die from small cuts or scrapes.
- Severity levels are mild, moderate and severe.
- It may take medicine and/or blood products to help control the bleeding.



## **Common Bleeding Issues**

- Mouth bleeds
- Heavier bleeding with small cuts and scrapes
- Joints: knees, elbows ankles (long-term can lead to arthritis and inability to the joint)
- Traumatic injuries (life-threatening if located in head, neck, eye, throat, or abdomen)



### **School Considerations**

- Some people may have more bleeding episodes than others, depending on severity.
- Please allow for a 504 plan if indicated.



### If You Suspect a Joint Bleed

- Ask the student if s/he is having a joint bleed. (The student is trained to identify bleeds.)
- Look for warmth, pain, lack of use, or guarding.
- Contact the parent and school nurse.
- Allow student to give replacement factor by intravenous infusion if instructed to by the parent or physician.



#### First Aid for Minor Bleeding

- Rest, Ice, Compression, Elevation
- Cuts and scrapes: clean, apply pressure, and bandage
- Nosebleeds: hold head straight (not back) and apply pressure
- Mouth bleeds: apply ice or cold compress
- **Headache (not from injury):** give Tylenol only. If not relieved in two hours or accompanied by other symptoms, contact the parent.

#### **Emergency Bleeding**

- Head: nausea, vomiting, headache, confusion, blurred vision, loss of consciousness
- Eye: trauma and bleeding into and around the eye
- Neck and throat: pain, swelling, difficulty swallowing or breathing
- Abdomen: trauma to abdomen, acute tenderness, pain or swelling

#### In an Emergency:

- Call 911.
- Inform the parent.
- Notify EMS the child has a bleeding disorder.
- Contact the Hemophilia Treatment Center.

Phone Number



## **Benefits of Physical Activity**

- Promotes overall physical fitness by improving
  - Cardiovascular fitness
  - Muscular fitness
  - ° Bone health
  - Body composition/weight
  - ° Cognitive function
  - Academic performance
  - ° Sleep
  - ° Self-esteem
  - Self-confidence
    - Energy
- Reduces feelings of anxiety and depression
- Reduces fatigue
- Increases balance and coordination
- Promotes a spirit of participation and involvement
- Lowers the risk of
  - Spontaneous joint bleeds
  - Heart disease
  - ° Stroke
  - High blood pressure
  - Type 2 diabetes
  - ° Colon cancer

Bruising is a common occurrence for people with congenital bleeding disorders



### Which Sports Are Safe?

- AVOID HIGH-IMPACT SPORTS such as football, boxing, hockey, rugby, and wrestling.
- Encourage low-impact sports such as running, aquatics, and golf.
- Always consult parents regarding any participation in sports.
- Look for activity ratings in the Playing It Safe materials provided by the National Hemophilia Foundation.



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