

# Fibrinogen Disorder



## The Facts

- A person with fibrinogen disorder has blood that does not clot like it should.
  - It affects males and females equally.
  - There is no cure.
  - It is a life-long condition.
- People with fibrinogen disorders do not bleed faster than normal but have a harder time stopping the bleeding.
- It may take medicine and/or blood products to help control the bleeding.
- There are four types of fibrinogen disorders: afibrinogenemia (almost no fibrinogen), hypofibrinogenemia (low fibrinogen levels), dysfibrinogenemia (fibrinogen that does not work well), and hypodysfibrinogenemia (low amounts of fibrinogen that does not work well).
- Fibrinogen disorders can cause bleeding, clotting, or no symptoms in people.



## Common Bleeding Issues

- Frequent and prolonged nosebleeds
- Joint and muscle bleeds in severe cases
- Mouth and gum bleeding
- Bleeding after invasive procedures
- Bleeding with minor cuts and scrapes
- Heavy bleeding during menses for females



## School Considerations

- Some people with fibrinogen disorders require frequent intravenous medications to prevent bleeding episodes.
- Please allow for a 504 plan to help with making up assignments.
- Patients may also require oral medications to help treat or prevent bleeding. This medication may need to be taken at school.
- Please allow for frequent bathroom breaks for females with fibrinogen disorders.



### 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, or 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.



## 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



## 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.

*Bruising is a  
common  
occurrence for  
people with  
congenital  
bleeding  
disorders*