



[Home](#) → [Health Topics](#) → Bleeding

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Bleeding

Also called: Hematoma, Hemorrhage

Bleeding is the loss of blood [<https://medlineplus.gov/blood.html>] . It can be external, or outside the body, like when you get a cut or wound [<https://medlineplus.gov/woundsandinjuries.html>] . It can also be internal, or inside the body, like when you have an injury to an internal organ. Some bleeding, such as gastrointestinal bleeding [<https://medlineplus.gov/gastrointestinalbleeding.html>] , coughing up blood, or vaginal bleeding [<https://medlineplus.gov/vaginalbleeding.html>] , can be a symptom of a disease.

Normally, when you are injured and start bleeding, a blood clot [<https://medlineplus.gov/bloodclots.html>] forms to stop the bleeding quickly. Afterwards, the clot dissolves naturally. To be able to make a clot, your blood needs blood proteins called clotting factors and a type of blood cell called platelets [<https://medlineplus.gov/plateletdisorders.html>] . Some people have a problem with clotting, due to another medical condition or an inherited disease. There are two types of problems:


- Your blood may not form clots normally, known as a bleeding disorder [<https://medlineplus.gov/bleedingdisorders.html>] . This happens when your body does not make enough platelets or clotting factors, or they don't work the way they should.
- Your blood may make too many clots, or the clots may not dissolve properly

Sometimes bleeding can cause other problems. A bruise [<https://medlineplus.gov/bruises.html>] is bleeding under the skin. Some strokes [<https://medlineplus.gov/hemorrhagicstroke.html>] are caused by bleeding in the brain. Severe bleeding may require first aid [<https://medlineplus.gov/firstaid.html>] or a trip to the emergency room [<https://medlineplus.gov/emergencymedicalservices.html>] .

Start Here

- Internal Bleeding [<https://www.merckmanuals.com/home/injuries-and-poisoning/first-aid/internal-bleeding>] (Merck & Co., Inc.)
Also in Spanish [<https://www.merckmanuals.com/es-us/hogar/traumatismos-y-envenenamientos/primeros-auxilios/hemorragia-interna>]

Diagnosis and Tests

- Blood Test: Factor VIII Activity [<https://kidshealth.org/en/parents/test-factor8.html>] (Nemours Foundation)
Also in Spanish [<https://kidshealth.org/es/parents/test-factor8.html>]
- Blood Test: Prothrombin Time (PT) [<https://kidshealth.org/en/parents/test-pt.html>] (Nemours Foundation)
Also in Spanish [<https://kidshealth.org/es/parents/test-pt.html>]
- Partial Thromboplastin Time (PTT) Test [<https://medlineplus.gov/lab-tests/partial-thromboplastin-time-ptt-test/>]
 (National Library of Medicine)
Also in Spanish [<https://medlineplus.gov/spanish/pruebas-de-laboratorio/prueba-de-tpt-tiempo-parcial-de-tromboplastina/>]

Treatments and Therapies

- Severe Bleeding: First Aid [<https://www.mayoclinic.org/first-aid/first-aid-severe-bleeding/basics/ART-20056661?p=1>]
(Mayo Foundation for Medical Education and Research)
Also in Spanish [<https://www.mayoclinic.org/es/first-aid/first-aid-severe-bleeding/basics/art-20056661?p=1>]

What Do I Need in My First Aid Kit? [<https://familydoctor.org/what-do-i-need-in-my-first-aid-kit/?adfree=true>]


(American Academy of Family Physicians)

Also in Spanish [<https://es.familydoctor.org/que-necesito-en-mi-botiquin-de-primeros-auxilios/?adfree=true>]


Specifics

- About Vitamin K Deficiency Bleeding [<https://www.cdc.gov/vitamin-k-deficiency/about/>] (Centers for Disease Control and Prevention)
Also in Spanish [<https://www.cdc.gov/vitamin-k-deficiency/es/about/acerca-de-los-sangrados-por-deficiencia-de-vitamina-k.html>]
- Anemia Due to Excessive Bleeding [<https://www.merckmanuals.com/home/blood-disorders/anemia/anemia-due-to-excessive-bleeding>] (Merck & Co., Inc.)
Also in Spanish [<https://www.merckmanuals.com/es-us/hogar/trastornos-de-la-sangre/anemia/anemia-debida-a-un-sangrado-excesivo>]
- Blood in Urine [<https://medlineplus.gov/lab-tests/blood-in-urine/>]  (National Library of Medicine)
Also in Spanish [<https://medlineplus.gov/spanish/pruebas-de-laboratorio/prueba-de-sangre-en-la-orina/>]
- Gastrointestinal Bleeding: MedlinePlus Health Topic [<https://medlineplus.gov/gastrointestinalbleeding.html>]  (National Library of Medicine)
Also in Spanish [<https://medlineplus.gov/spanish/gastrointestinalbleeding.html>]
- Intracranial Hematoma [<https://www.mayoclinic.org/diseases-conditions/intracranial-hematoma/symptoms-causes/syc-20356145?p=1>] (Mayo Foundation for Medical Education and Research)
Also in Spanish [<https://www.mayoclinic.org/es/diseases-conditions/intracranial-hematoma/symptoms-causes/syc-20356145?p=1>]
- Nosebleeds [<https://familydoctor.org/condition/nosebleeds/?adfree=true>] (American Academy of Family Physicians)
Also in Spanish [<https://es.familydoctor.org/concion/sangrados-nasales-es/?adfree=true>]
- Vaginal Bleeding: MedlinePlus Health Topic [<https://medlineplus.gov/vaginalbleeding.html>]  (National Library of Medicine)
Also in Spanish [<https://medlineplus.gov/spanish/vaginalbleeding.html>]



Genetics

- Warfarin sensitivity: MedlinePlus Genetics [<https://medlineplus.gov/genetics/condition/warfarin-sensitivity>]  (National Library of Medicine)

Videos and Tutorials

- Blood clotting [<https://medlineplus.gov/ency/anatomyvideos/000011.htm>]  (Medical Encyclopedia)
Also in Spanish [<https://medlineplus.gov/spanish/ency/anatomyvideos/000011.htm>]

Clinical Trials

- ClinicalTrials.gov: Hematoma [<https://clinicaltrials.gov/search?cond=%22Hematoma%22&aggFilters=status:not%20rec>]  (National Institutes of Health)
- ClinicalTrials.gov: Hemorrhage [<https://clinicaltrials.gov/search?cond=%22Hemorrhage%22&aggFilters=status:not%20rec>]  (National Institutes of Health)

Journal Articles

References and abstracts from MEDLINE/PubMed (National Library of Medicine)


- Article: Clinical profiles and mortality risk factors in pediatric pulmonary hemorrhage: a... [<https://www.ncbi.nlm.nih.gov/pubmed/40753460>]
- Article: Bleeding Risk in the Early Postoperative Period after Atrial Fibrillation Ablation... [<https://www.ncbi.nlm.nih.gov/pubmed/40738682>]
- Article: Risk of recurrence and bleeding in patients with cancer-associated venous thromboembolism... [<https://www.ncbi.nlm.nih.gov/pubmed/40729349>]
- Bleeding -- see more articles [<https://pubmed.ncbi.nlm.nih.gov/?term=%22Hemorrhage%22%5Bmajr%3Anoexp%5D+AND+humans%5Bmh%5D+AND+english%5Bla%5D+AND+%22last+>]

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Reference Desk

- Hematology Glossary [<https://www.hematology.org/education/patients/blood-basics/hematology-glossary>] (American Society of Hematology)

Find an Expert

- Find a Hematologist [<https://www.hematology.org/education/patients/find-a-hematologist>] (American Society of Hematology)
- National Heart, Lung, and Blood Institute [<https://www.nhlbi.nih.gov/>] 

Children

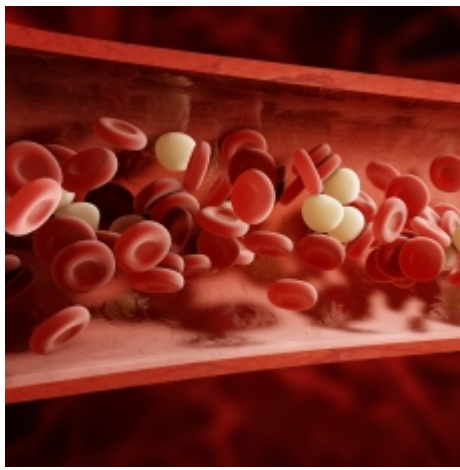
- Blood in the Urine (Hematuria) (For Parents) [<https://kidshealth.org/en/parents/hematuria.html>] (Nemours Foundation)
Also in Spanish [<https://kidshealth.org/es/parents/hematuria.html>]
- Dealing with Cuts (For Parents) [<https://kidshealth.org/en/parents/bleeding.html>] (Nemours Foundation)
Also in Spanish [<https://kidshealth.org/es/parents/bleeding.html>]
- Embolization (For Parents) [<https://kidshealth.org/en/parents/embolization.html>] (Nemours Foundation)
Also in Spanish [<https://kidshealth.org/es/parents/embolization.html>]
- Nosebleeds [<https://kidshealth.org/en/kids/nosebleeds.html>] (Nemours Foundation)
Also in Spanish [<https://kidshealth.org/es/kids/nosebleeds.html>]
- Nosebleeds (For Parents) [<https://kidshealth.org/en/parents/nose-bleed.html>] (Nemours Foundation)
Also in Spanish [<https://kidshealth.org/es/parents/nose-bleed.html>]
- What's a Scab? [<https://kidshealth.org/en/kids/scab.html>] (Nemours Foundation)
Also in Spanish [<https://kidshealth.org/es/kids/scab.html>]

Teenagers

- Nosebleeds [<https://kidshealth.org/en/teens/nosebleeds.html>] (Nemours Foundation)
Also in Spanish [<https://kidshealth.org/es/teens/nosebleeds.html>]

Patient Handouts

- Bleeding [<https://medlineplus.gov/ency/article/000045.htm>] (Medical Encyclopedia)
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/000045.htm>]
- Bleeding gums [<https://medlineplus.gov/ency/article/003062.htm>] (Medical Encyclopedia)
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/003062.htm>]
- Bleeding into the skin [<https://medlineplus.gov/ency/article/003235.htm>] (Medical Encyclopedia)
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/003235.htm>]
- Intraventricular hemorrhage of the newborn [<https://medlineplus.gov/ency/article/007301.htm>] (Medical Encyclopedia)
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/007301.htm>]
- Subarachnoid hemorrhage [<https://medlineplus.gov/ency/article/000701.htm>] (Medical Encyclopedia)
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/000701.htm>]



MEDICAL ENCYCLOPEDIA

Bleeding [<https://medlineplus.gov/ency/article/000045.htm>]

Bleeding during cancer treatment [<https://medlineplus.gov/ency/patientinstructions/000022.htm>]

Bleeding gums [<https://medlineplus.gov/ency/article/003062.htm>]

Bleeding into the skin [<https://medlineplus.gov/ency/article/003235.htm>]

Blood clotting [<https://medlineplus.gov/ency/anatomyvideos/000011.htm>]

Blood in the semen [<https://medlineplus.gov/ency/article/003163.htm>]

Coughing up blood [<https://medlineplus.gov/ency/article/003073.htm>]

Epidural hematoma [<https://medlineplus.gov/ency/article/001412.htm>]

Intraventricular hemorrhage of the newborn [<https://medlineplus.gov/ency/article/007301.htm>]

Nosebleed [<https://medlineplus.gov/ency/article/003106.htm>]

Splinter hemorrhages [<https://medlineplus.gov/ency/article/003283.htm>]

Subarachnoid hemorrhage [<https://medlineplus.gov/ency/article/000701.htm>]

Subconjunctival hemorrhage [<https://medlineplus.gov/ency/article/001616.htm>]

Urine - bloody [<https://medlineplus.gov/ency/article/003138.htm>]

Related Health Topics

Bleeding Disorders [<https://medlineplus.gov/bleedingdisorders.html>]

Blood Disorders [<https://medlineplus.gov/blooddisorders.html>]

Gastrointestinal Bleeding [<https://medlineplus.gov/gastrointestinalbleeding.html>]

Platelet Disorders [<https://medlineplus.gov/plateletdisorders.html>]

Vaginal Bleeding [<https://medlineplus.gov/vaginalbleeding.html>]

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