

Factor X Deficiency

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Acknowledgment

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Disease Overview

Factor X deficiency is a rare genetic blood disorder that causes the normal clotting process (coagulation) to take longer than normal. This causes people to bleed for a longer amount of time spontaneously or after trauma/surgery. Factor X is a clotting protein (also called a clotting factor). Clotting factors are specialized proteins that are essential for proper clotting, the process by which blood clumps together to plug the site of a wound to stop bleeding. Clotting requires a series of reactions to ultimately form a clot to plug a wound. This is referred to as the clotting (coagulation) cascade. The clotting cascade involves different substances in addition to clotting factors. Factor X, which is produced (synthesized) in the liver, eventually interacts with other clotting factors and certain cells or substances, e.g., platelets or fibrinogen, to help to form a clot. Factor X deficiency is caused by a change (variant or mutation) in the *F10* gene. The U.S. Food and Drug Administration (FDA) and the European Medicines Agency (EMA) approved a drug called Coagadex for adults and children over 12. This medication restores functional factor X levels.

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Programs & Resources



NORD strives to open new assistance programs as funding allows. If we don't have a program for you now, please continue to check back with us.

Additional Assistance Programs

Rare Disease Educational Support Program

Ensuring that patients and caregivers are armed with the tools they need to live their best lives while managing their rare condition is a vital part of NORD's mission.

<https://rarediseases.org/patient-assistance-programs/rare-disease-educational-support/>

Rare Caregiver Respite Program

This first-of-its-kind assistance program is designed for caregivers of a child or adult diagnosed with a rare disorder.

<https://rarediseases.org/patient-assistance-programs/caregiver-respite/>

Patient Organizations

Hemophilia Federation of America

NORD Member

Email: info@hemophilafed.org

<https://rarediseases.org/organizations/hemophilia-federation-of-america/>

National Bleeding Disorders Foundation

NORD Member

Email: info@bleeding.org

<https://rarediseases.org/organizations/national-hemophilia-foundation/>

Canadian Hemophilia Society

Phone: [514-848-0503](tel:514-848-0503) Email: chs@hemophilia.ca Fax: 514-848-9661

<https://rarediseases.org/organizations/canadian-hemophilia-society/>

NIH/National Heart, Lung and Blood Institute

Phone: [301-592-8573](tel:301-592-8573) Email: nhlbiinfo@rover.nhlbi.nih.gov Fax: 301-251-1223

<https://rarediseases.org/organizations/nih-national-heart-lung-and-blood-institute/>

World Federation of Hemophilia

Email: wfh@wfh.org

<https://rarediseases.org/organizations/world-federation-of-hemophilia/>

Irish Haemophilia Society

Email: info@haemophilia.ie

<https://rarediseases.org/organizations/irish-haemophilia-society/>