

protein C deficiency

what is protein C deficiency?

Protein C is a kind of anticoagulant. An anticoagulant helps keep blood from clotting too much. People with protein C deficiency do not have enough protein C.

what causes protein C deficiency?

Most protein C deficiency is inherited, or passed down from one or both parents. It can also be acquired in patients with liver or kidney disease, in patients with HIV, or if you have a vitamin K deficiency.

what are the symptoms of protein C deficiency?

Some symptoms of protein C deficiency can result in clotting that can be severe. Look out for these symptoms.

DVT (deep vein thrombosis) <u>Call MD</u>	pulmonary embolism <u>Call 911</u>	Stroke <u>Call 911</u>
<ul style="list-style-type: none">• Pain or tenderness in your arm or leg with one or more of the following:<ul style="list-style-type: none">• Swelling• Red or purple skin color• Warm to the touch• Arm or leg feels cooler than the opposite arm or leg• Limited movement without pain in arms or legs	<ul style="list-style-type: none">• Sudden onset of shortness of breath• Chest pain (especially when trying to breathe)• Rapid or racing heartbeat• Fainting or passing out• Coughing up blood	<ul style="list-style-type: none">• Sudden limb weakness• Facial drooping• Slurred speech

symptoms of severe protein C deficiency

- Excessive bleeding
- Development of Purpura Fulminans (skin darkens and turns purple)

how is protein C deficiency diagnosed?

- Medical history
- Family history
- Series of blood work

how is protein C deficiency treated?

- Ceprotin is a common treatment for severe protein C.
- Ceprotin is a plasma made from Protein C concentrate. It is given by injecting it under the skin.
- We will also prescribe anticoagulants (Lovenox) to have at home in case your child shows symptoms of clotting.
- If your child has mild protein C deficiency, you will need to monitor for symptoms of clots. If you see any symptoms, call us at 937-641-3111.

It is important to discuss surgery, medications, pregnancy and birth control options with your hematologist. Call us at 937-641-3111.

