



DOCTOR DISCUSSION GUIDE

# Managing Blood Clots

Blood clots can lead to dangerous problems, so it's important to work with your doctor to determine the best treatment. Asking the right questions during your conversation will help you know what to expect and how to better navigate your condition. Familiarize yourself with these common terms before your appointment to help facilitate your discussion.

## Vocabulary to Know

Your doctor might mention these common terms. Here's what they mean.

<b>Thrombosis</b>	The condition in which an abnormal blood clot develops inside a blood vessel, producing at least some obstruction to blood flow. The blood clot itself is called a thrombus.
<b>Embolus</b>	An embolus (or embolism) occurs when a thrombus dislodges from its site of formation and travels through the circulatory system until it lodges elsewhere. The embolus often shuts down blood flow wherever it lodges, potentially causing serious organ damage.
<b>Pulmonary Embolism</b>	In a pulmonary embolism, a thrombus that has formed in a vein breaks loose (or embolizes), and travels through the venous system to the lungs. There, it can cause lung damage. If it is large enough, a pulmonary embolism can cause severe shortness of breath, bleeding into the airways, or death.
<b>Embolic Stroke</b>	An embolic stroke occurs when a thrombus that has formed in the heart or in a major artery breaks loose and subsequently lodges in a brain artery, causing damage to brain tissue.
<b>Infarction</b>	Tissue death caused by a blockage to the tissue's blood supply. Infarctions are often caused by blood clots; either by local thrombus formation, or by embolization from a distant thrombus. An embolic stroke is one example of an infarction.
<b>Clotting Factors</b>	A series of blood proteins that become activated by tissue trauma and then undergo a cascade of chemical reactions that promote the formation of a blood clot. Various abnormalities in one or more of the clotting factors can lead to excessive thrombus formation, or insufficient thrombus formation (bleeding).
<b>Platelets</b>	Tiny blood cells that act in concert with the clotting factors to form blood clots.
<b>Anti-Coagulant Medication</b>	A family of drugs (often called "blood thinners"), that impede blood clotting by inhibiting one or more of the clotting factors. Thrombosis, especially in the veins, is usually treated with one or more of these drugs.
<b>Anti-Platelet Medication</b>	Medication that inhibits blood clotting by reducing the activity of the platelets. Anti-platelet medication is often used to treat or prevent blood clots in the arteries.



