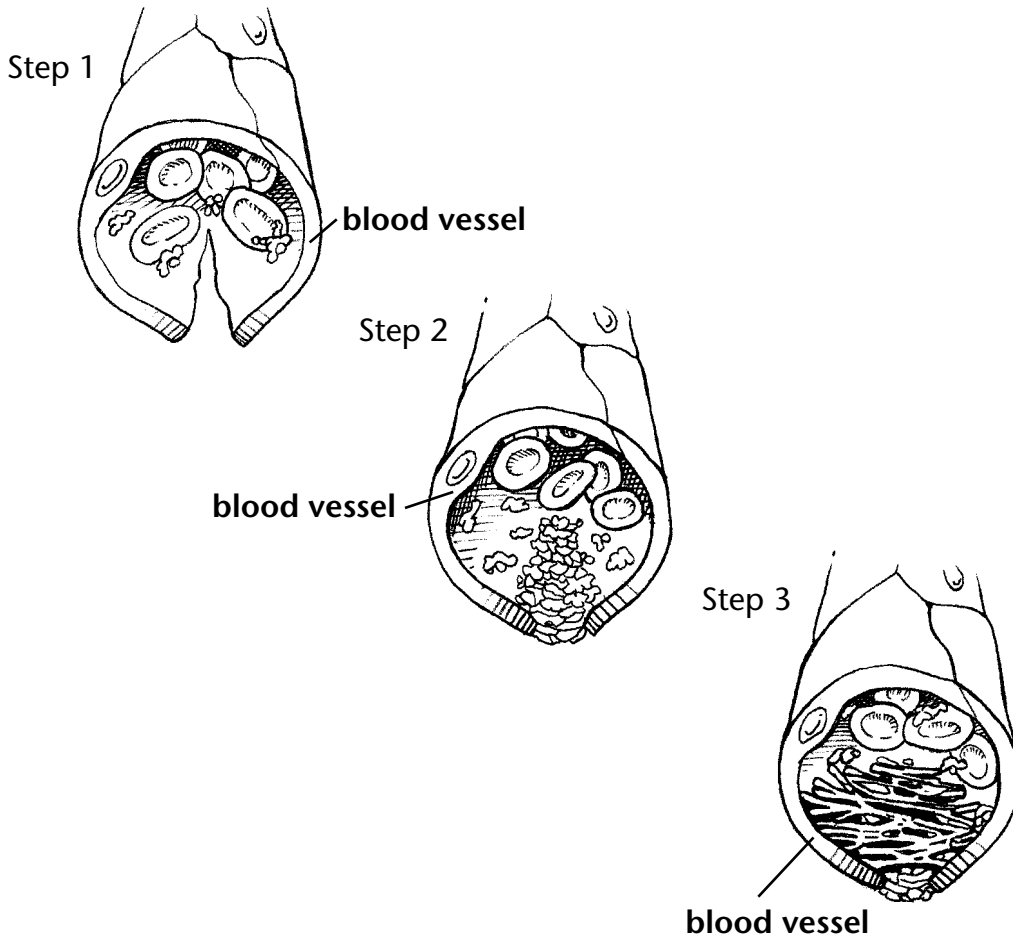


Blood Clot Formation

When a blood vessel is injured, platelets release proteins that start a series of chemical reactions. These reactions lead to the formation of filaments called fibrin. The fibrin forms a clot that stops the bleeding.

Color the red blood cells in the diagrams red. Color the platelets blue. Color the fibrin yellow.



Use the diagrams to answer the questions.

1. In step 2, what is clumped at the site of injury? Circle the correct answer.

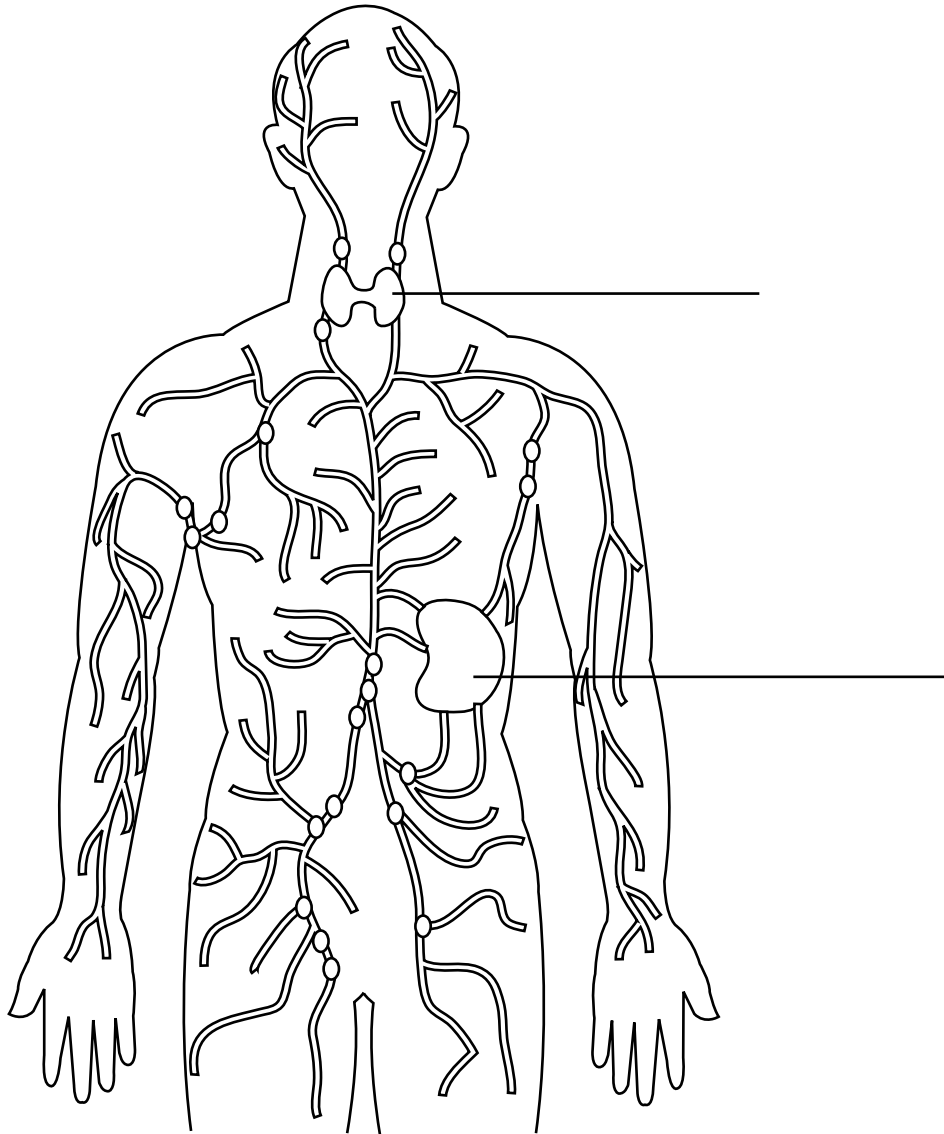
platelets fibrin

2. Why is it important for blood to form clots?

The Lymphatic System

The lymphatic system collects fluid that leaks out of blood vessels and returns it to the circulatory system.

Color the lymphatic system. Then label the thymus and spleen.



Answer the question.

1. What happens when large numbers of pathogens are trapped in lymph nodes?
