

## HEMOSTASIS

**Hemostasis**, or the cessation (stopping) of bleeding, is critical to the survival of the human organism. If the mechanisms of hemostasis were completely taken away, a mere paper cut could ultimately lead an individual to bleed to death. Luckily, the mechanisms of hemostasis function properly for most individuals. Hemostasis can be divided into three steps: vascular spasm, development of a platelet plug, and blood clot formation.

Vascular Spasm
Platelet Plug
Clotting (Coagulation) Cascade
Clot Retraction and Fibrinolysis
Blood Clot Regulation



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