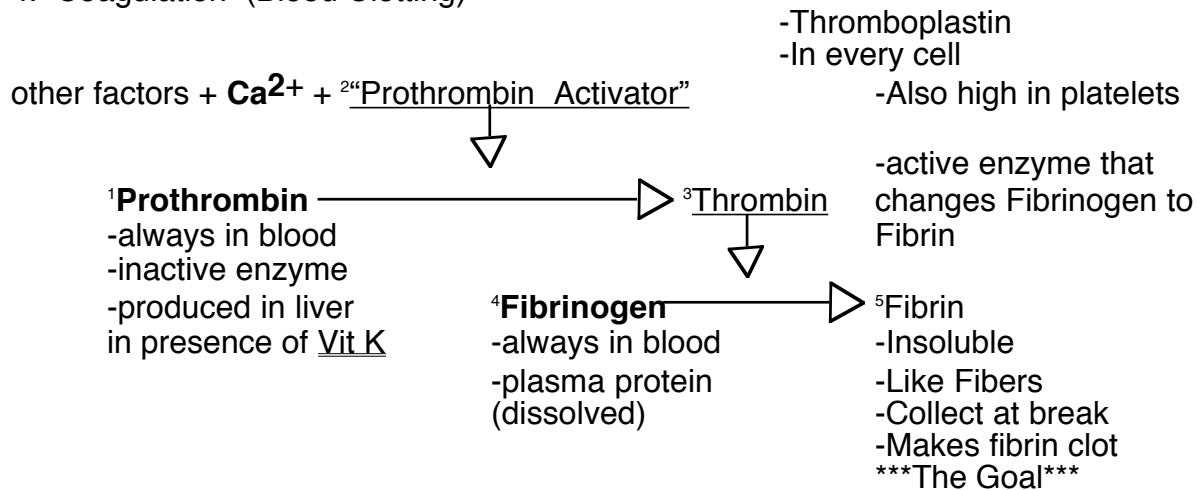


Hemostasis

1. Blood vessel wall damaged
(Like teflon or silverstone - non-stick until scratched)
2. Platelet plug forms
 - platelets stick to collagen
 - platelets stick to rough surfaces
 - platelets release serotonin (a chemical)
3. Serotonin causes vasoconstriction.
 - smooth muscle contracts

***These steps may be enough to stop a small bleed.

4. Coagulation (Blood Clotting)



* Liver Disease - Decrease Vit K

* Hemophilia - one of several factors is missing.

- no thrombin can be made & so no fibrin
- (Add the factor)

* Positive Feedback

Thrombin causes more thrombin to be made

- moving blood carries extra away, so all of our blood does not clot!!!