

# Haemostasis

Associate Professor Jenny Charles

[charlesj@unimelb.edu.au](mailto:charlesj@unimelb.edu.au)



VETS30014/VETS90124



## MORPHOLOGICAL RESPONSE TO INJURY

ACUTE INJURY

STAT

VASO-CONSTRICTION

SEC

PRIMARY PLUG  
(PLATELETS)

SEC/MIN

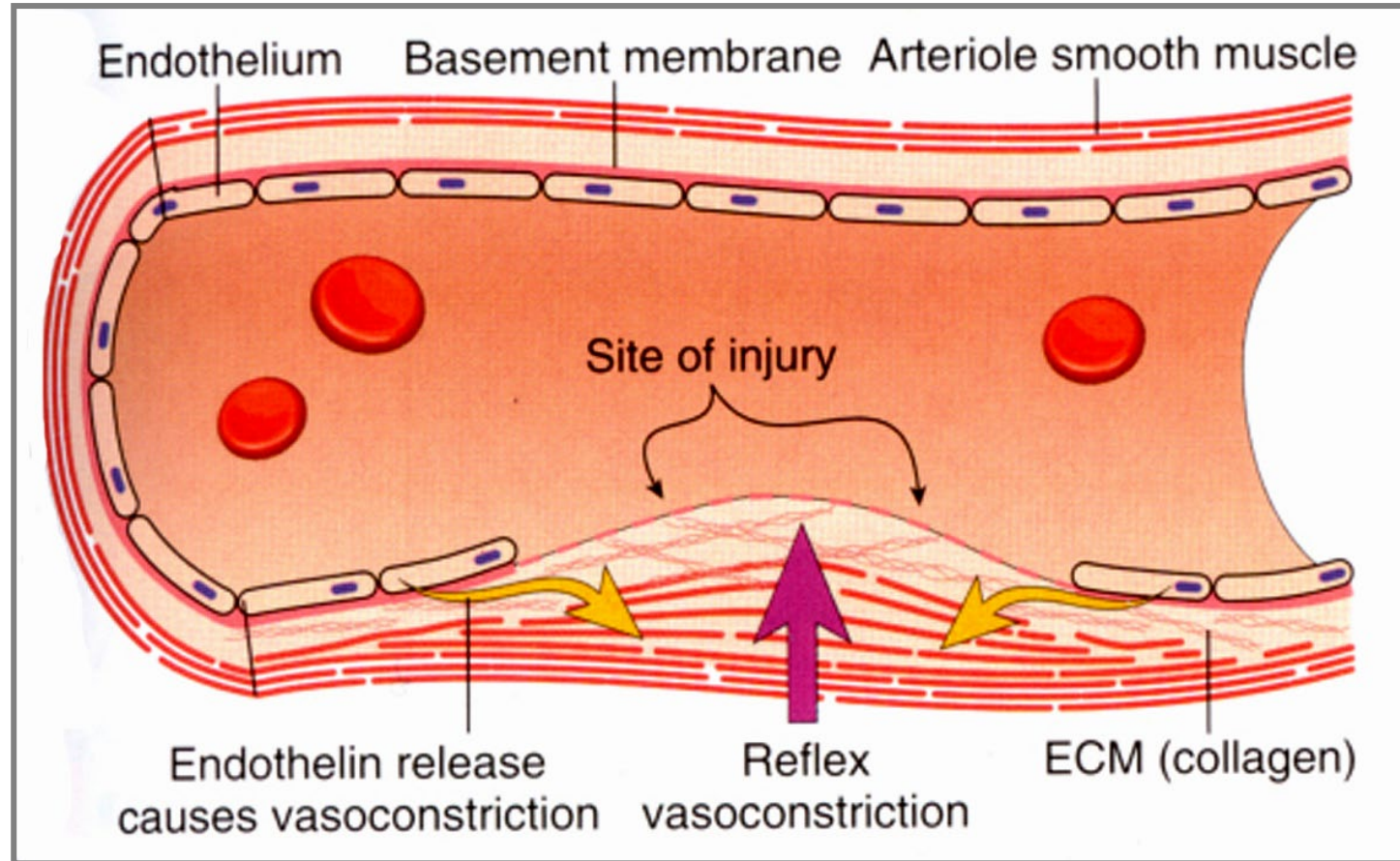
DEFINITIVE PLUS  
(FIBRIN)

MIN/HR

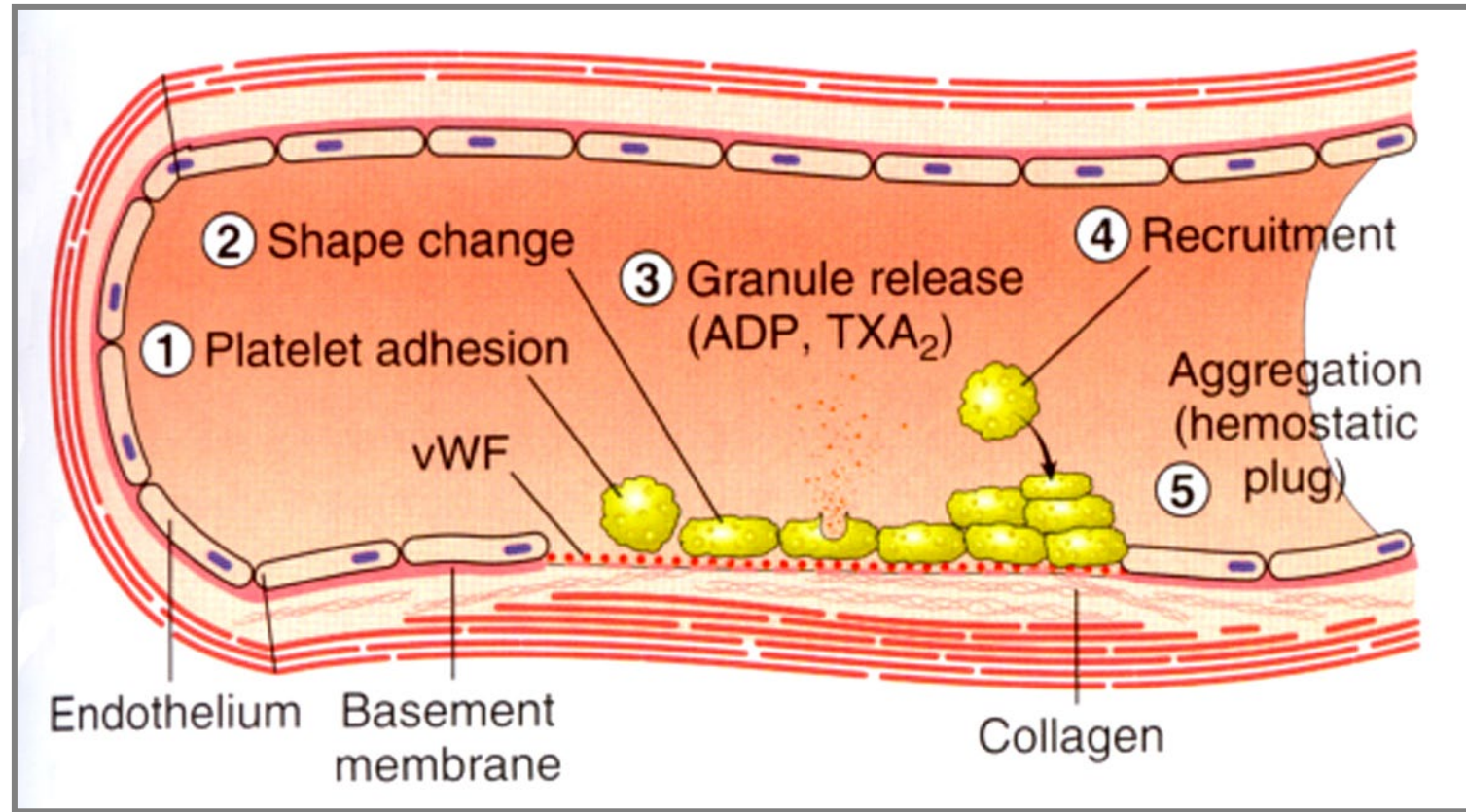
FIBRINOLYSIS AND  
REPAIR

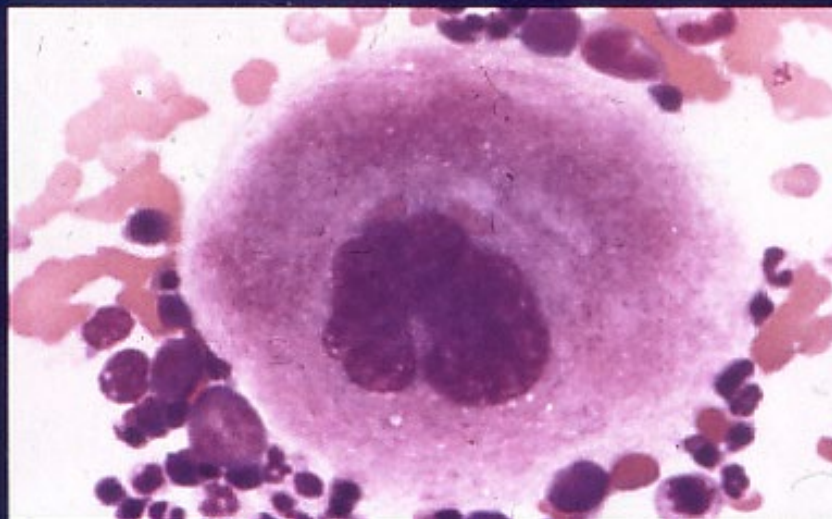
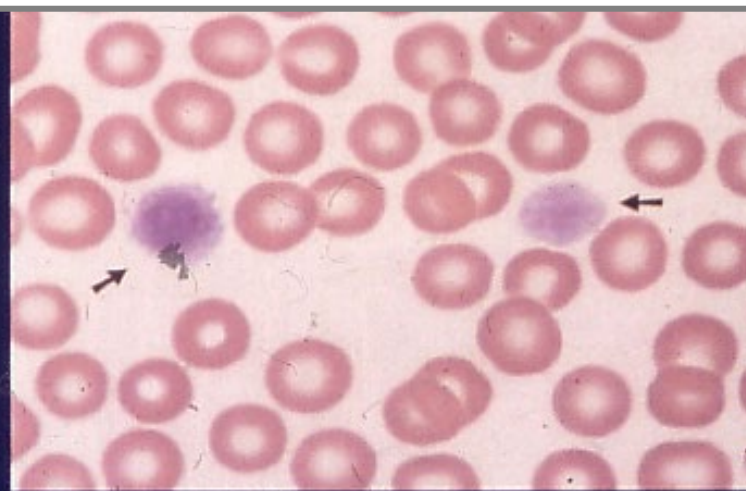
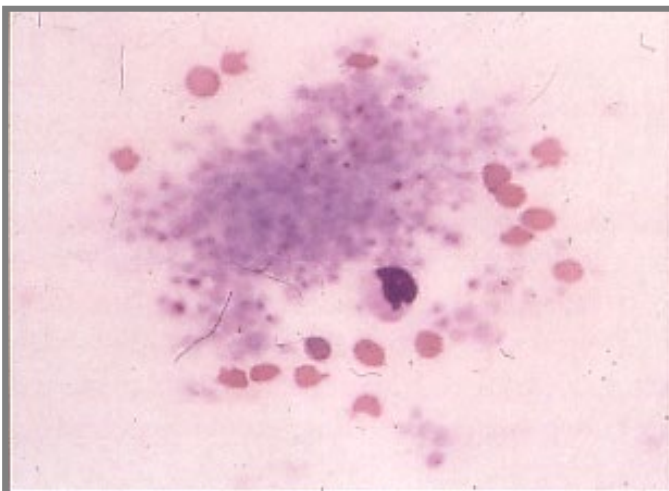
DAYS





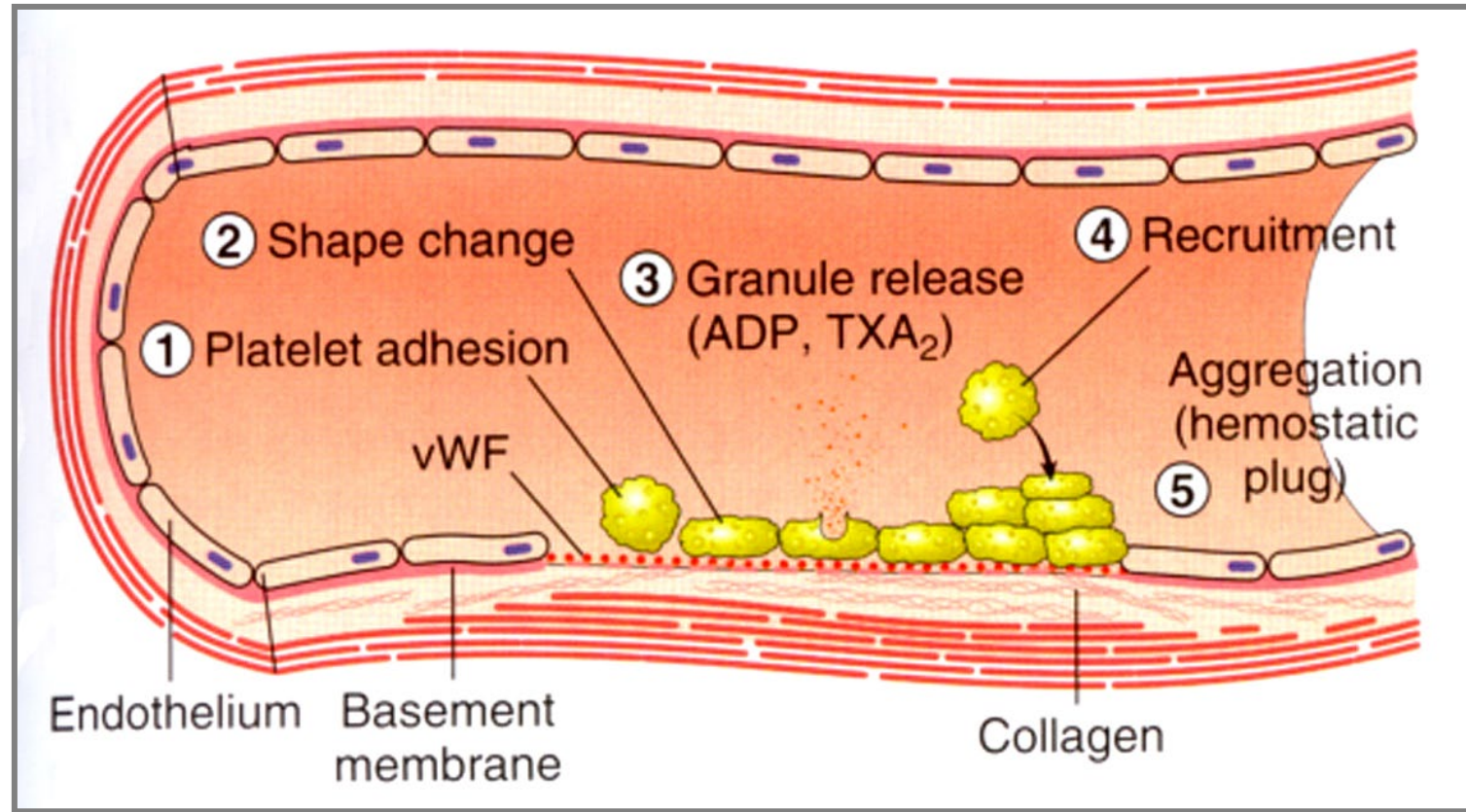




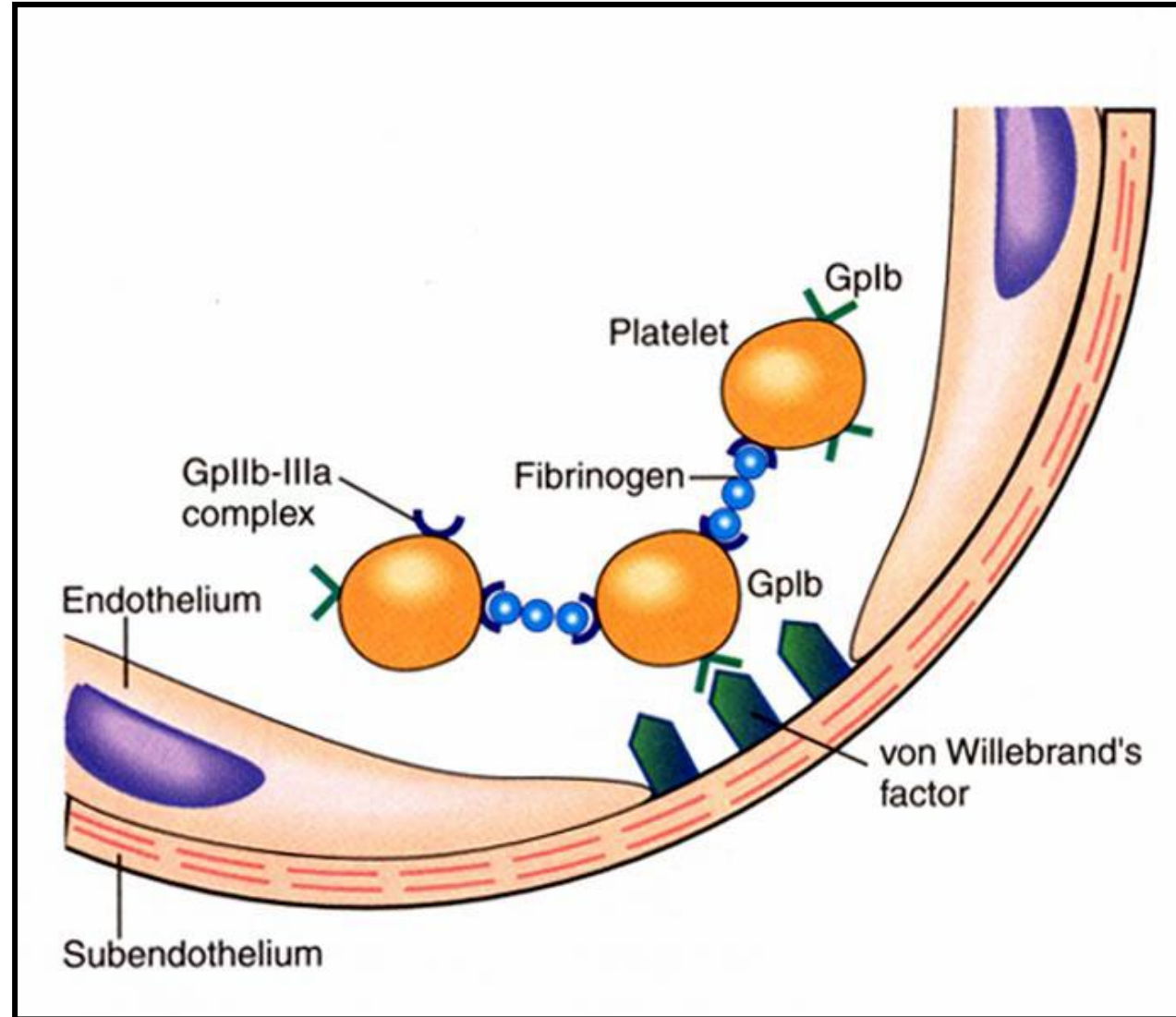


1 micron

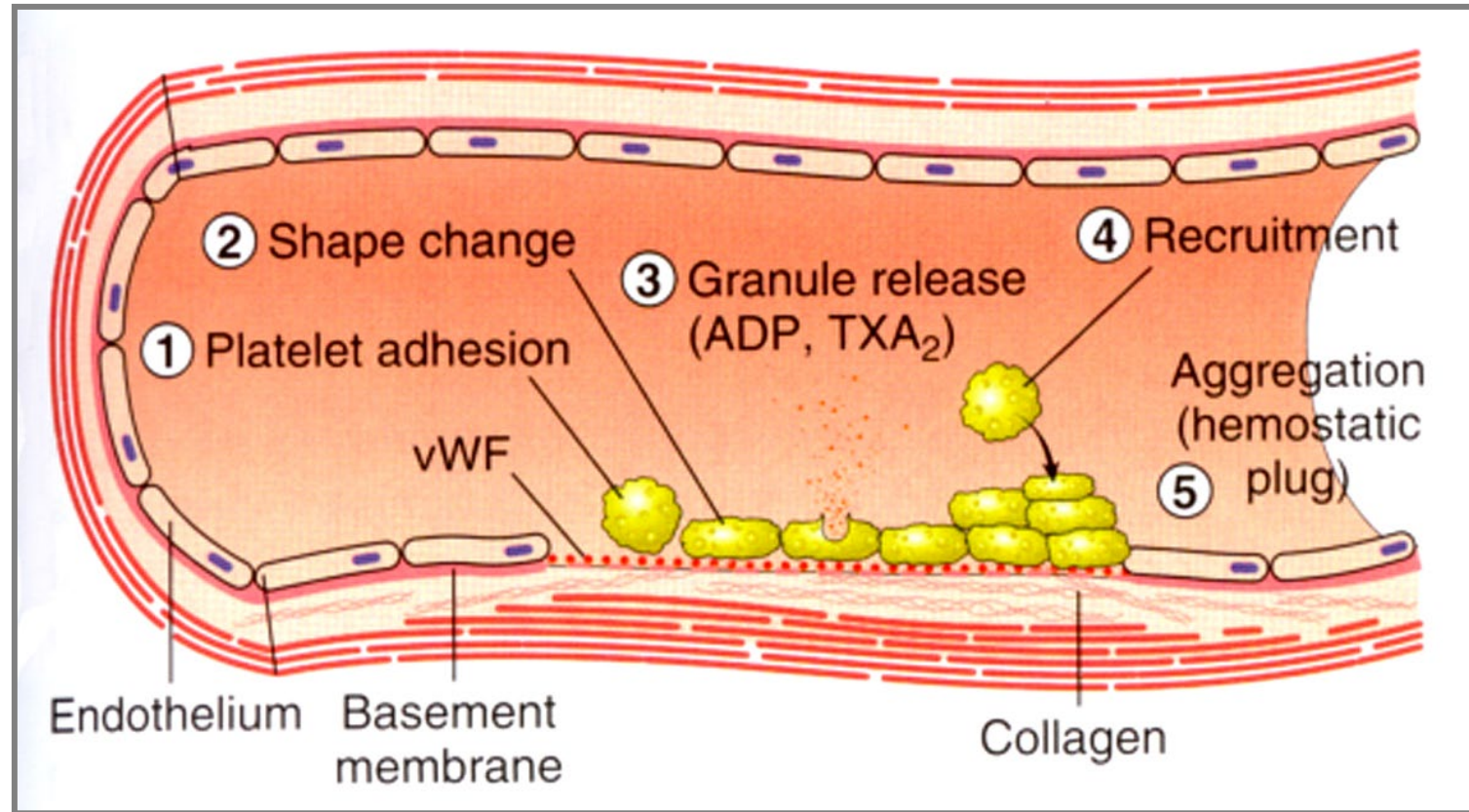




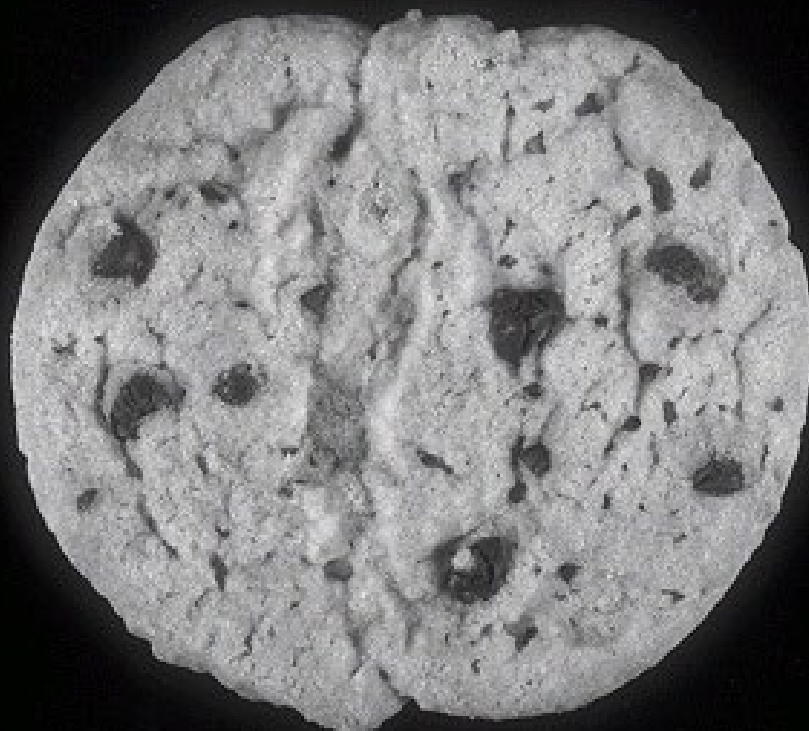


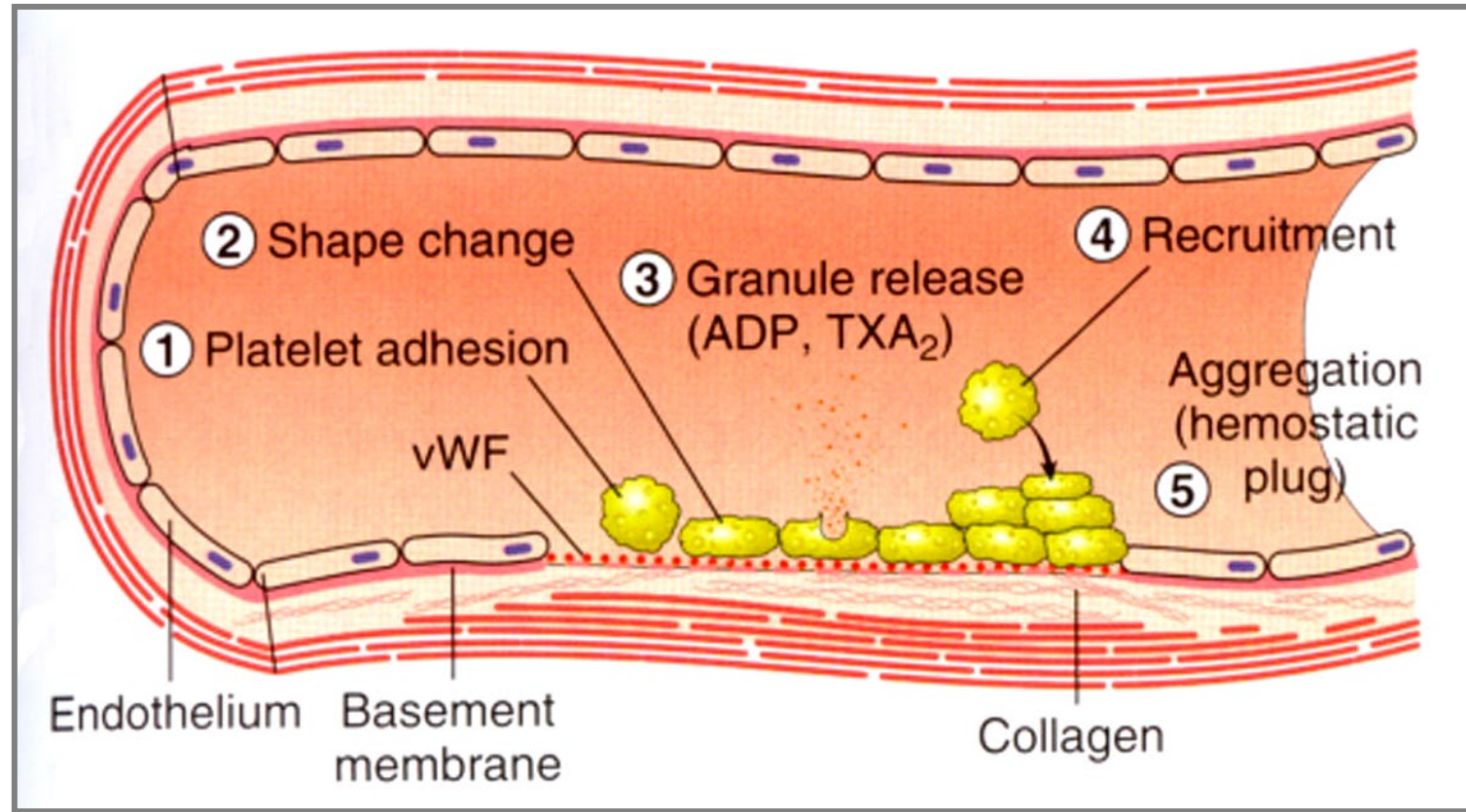




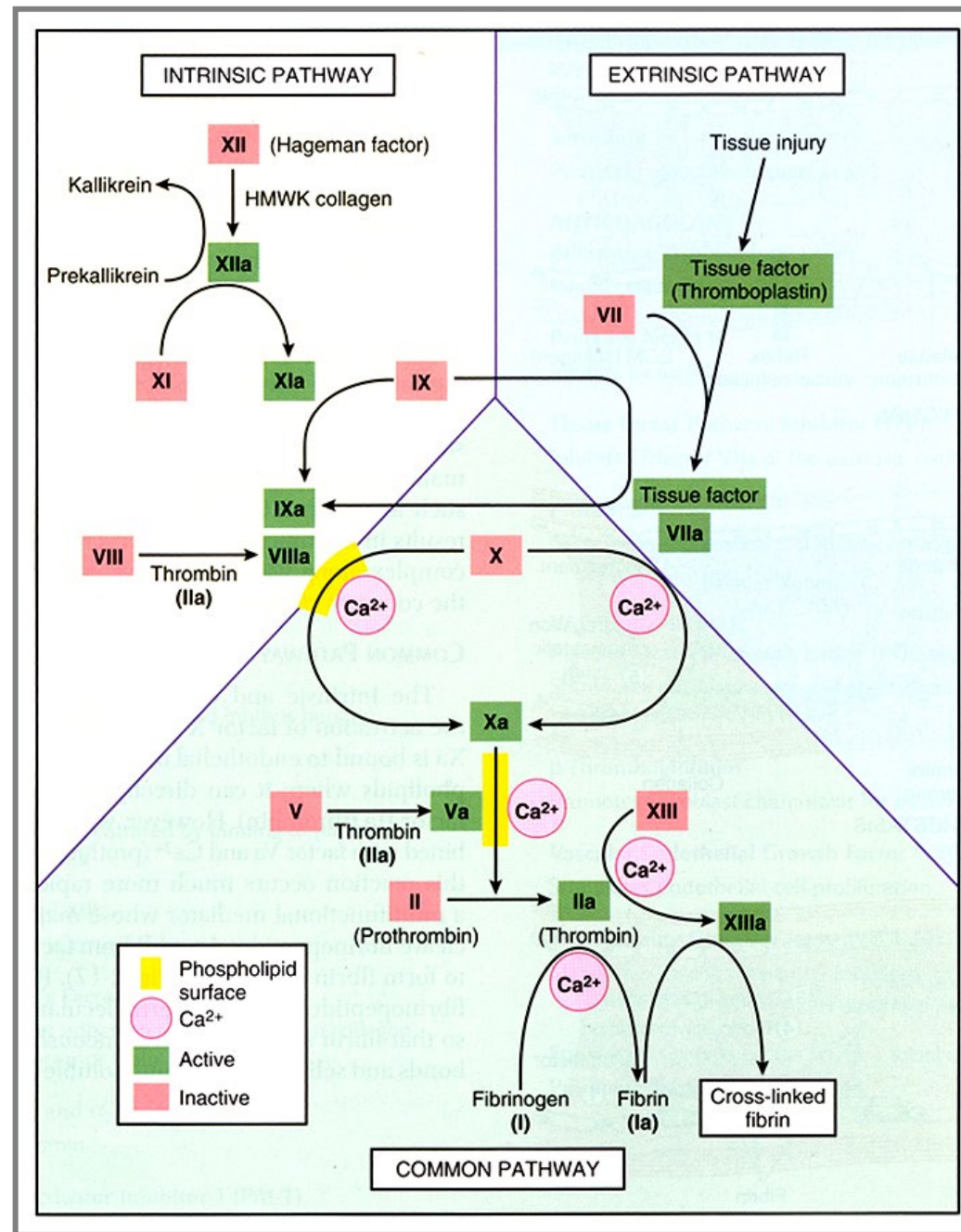


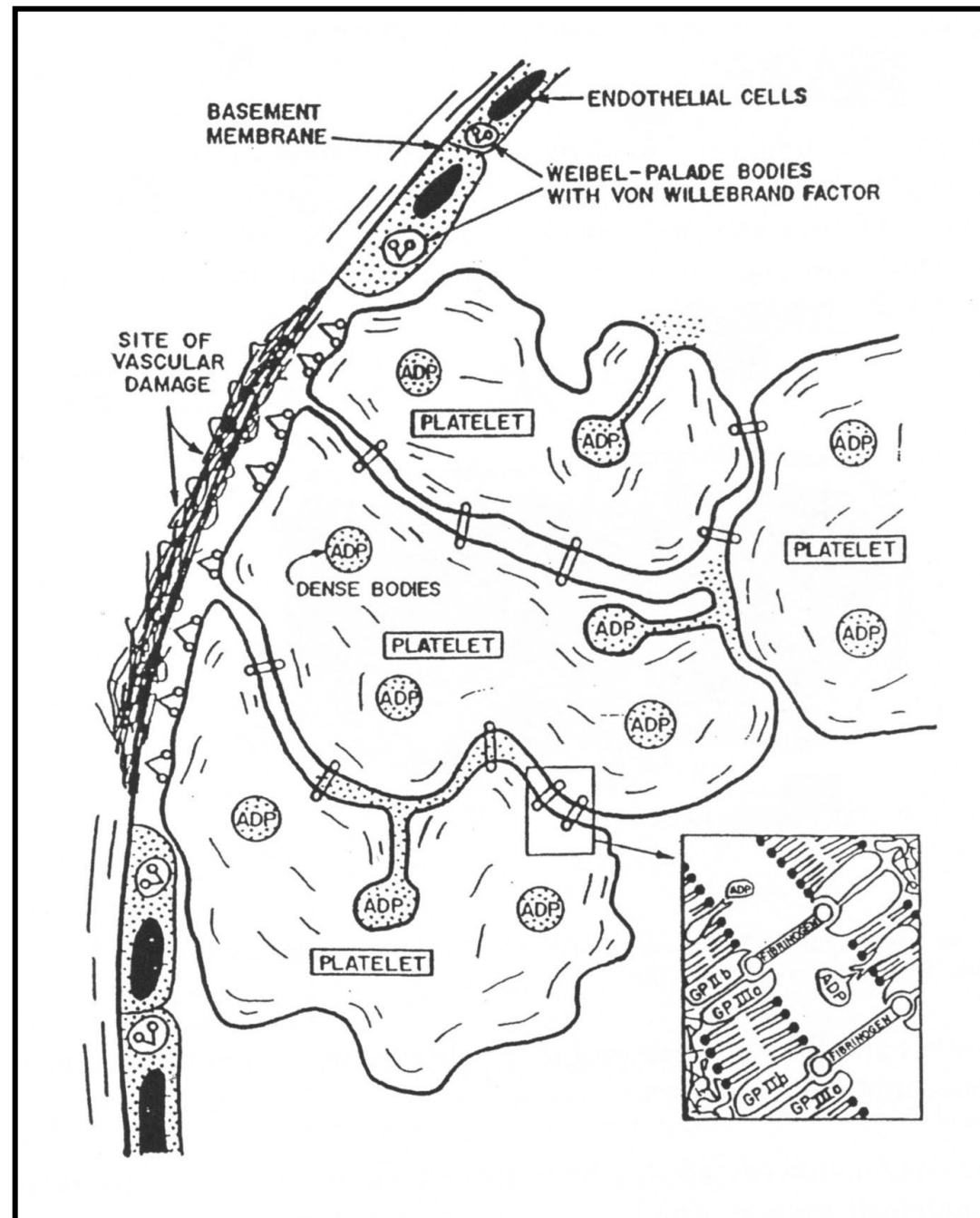
1 micron

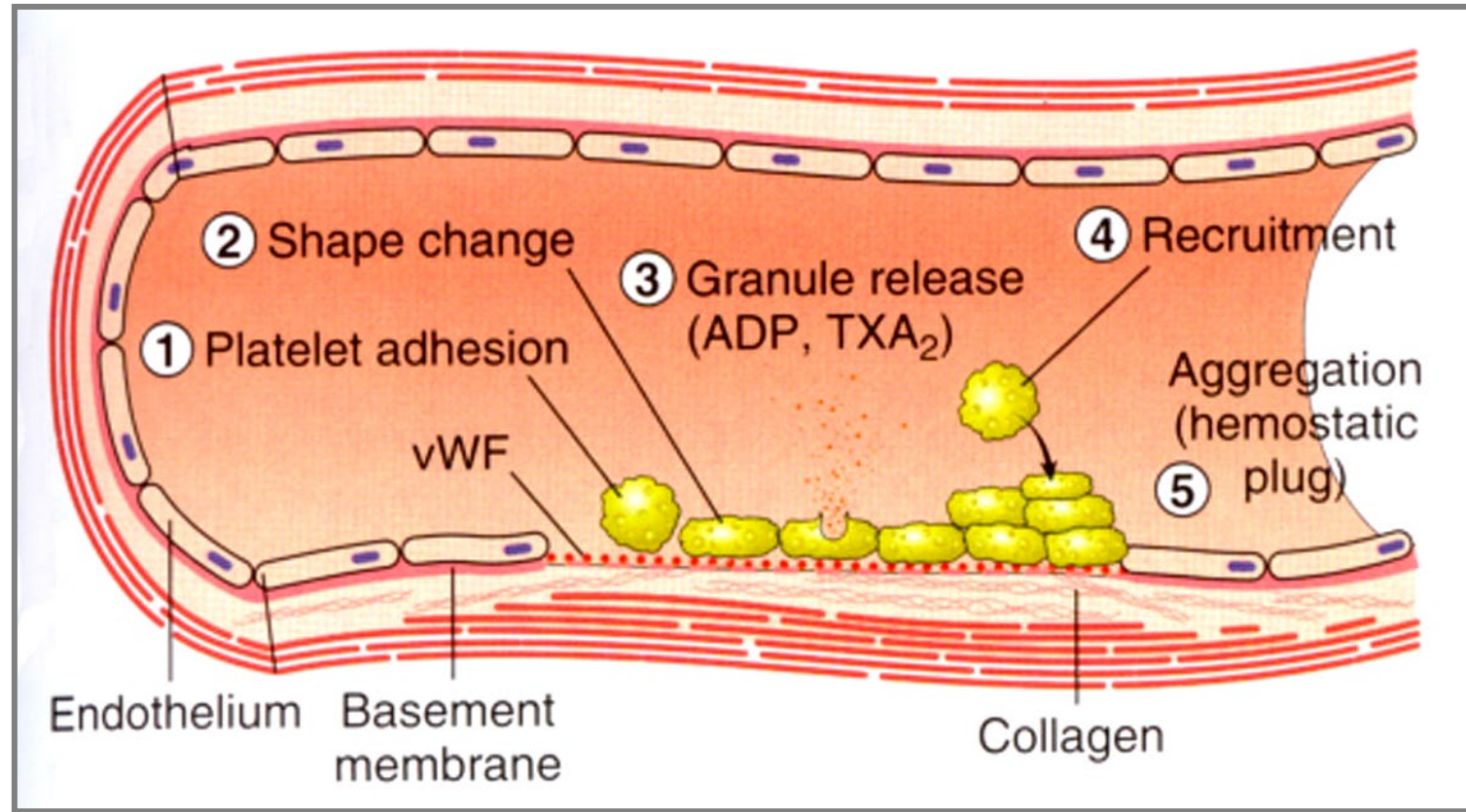




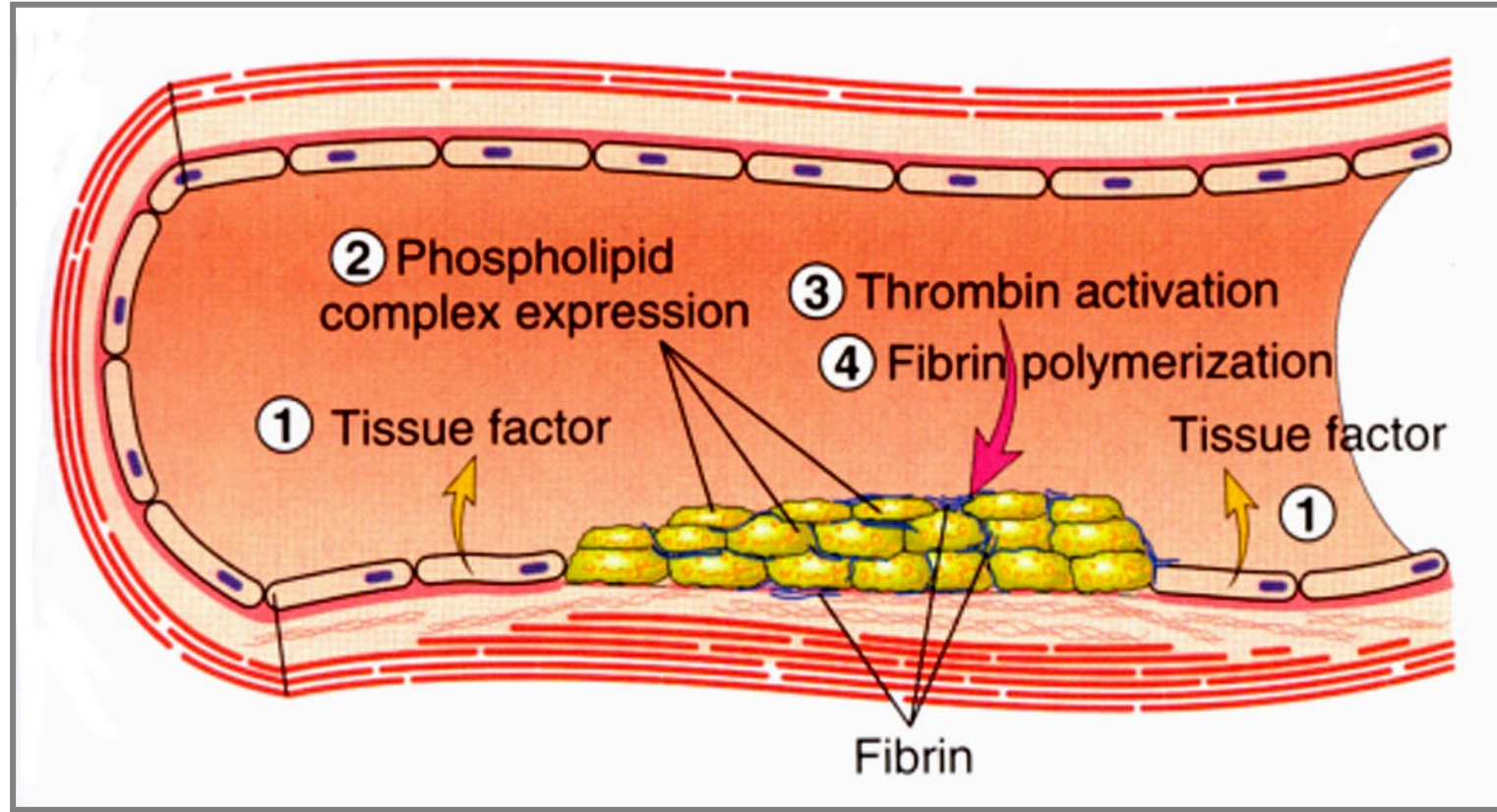


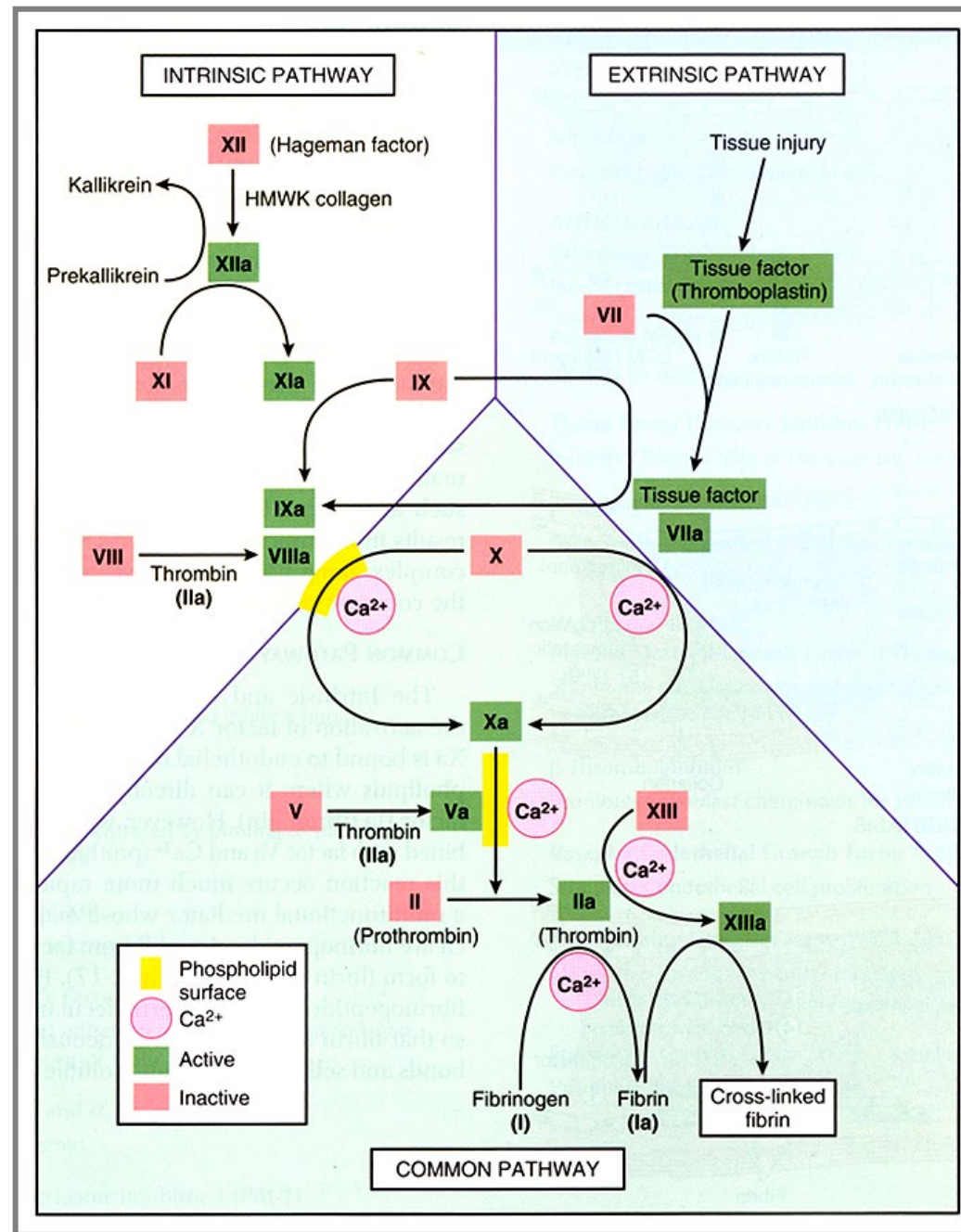


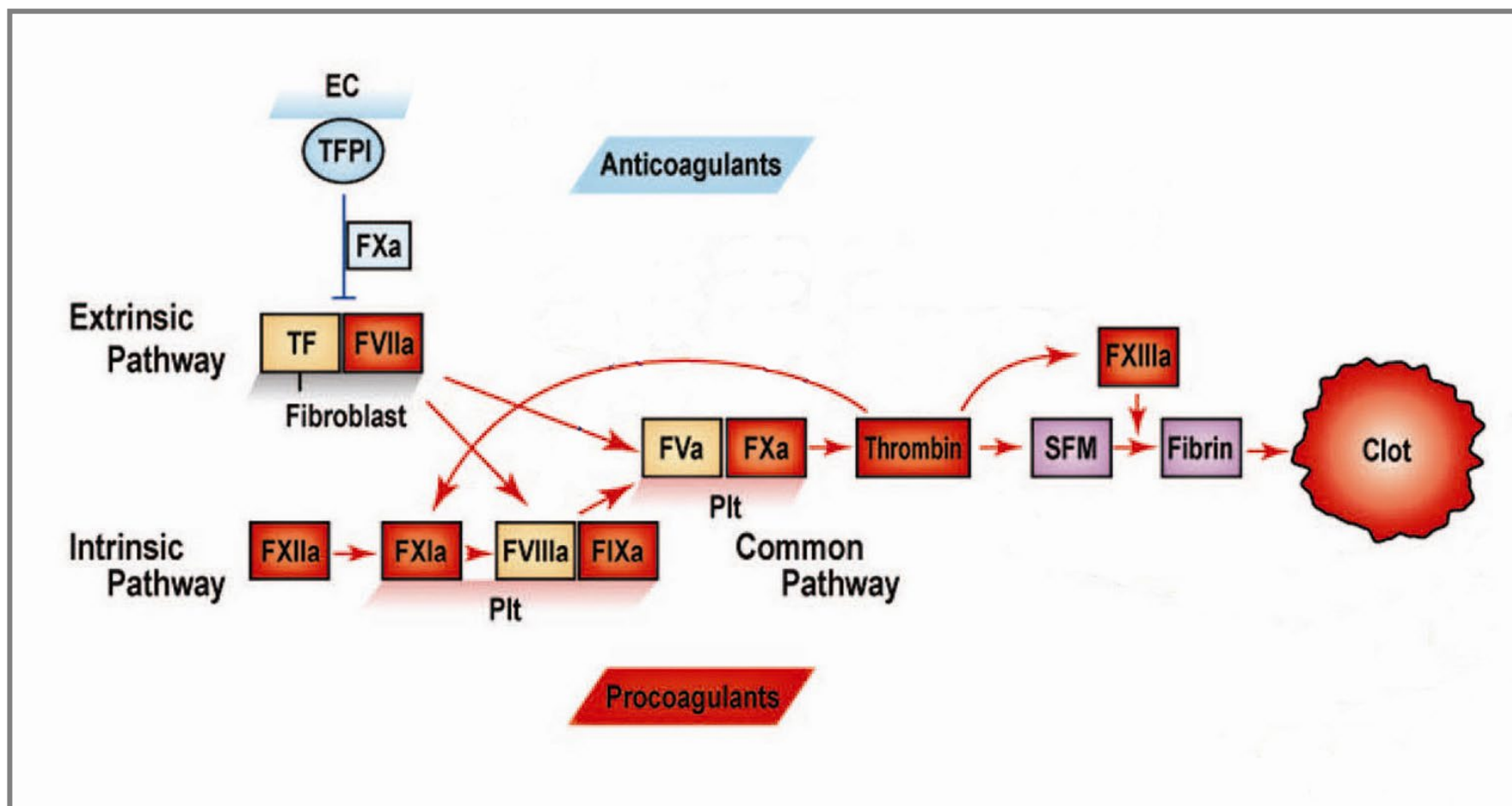












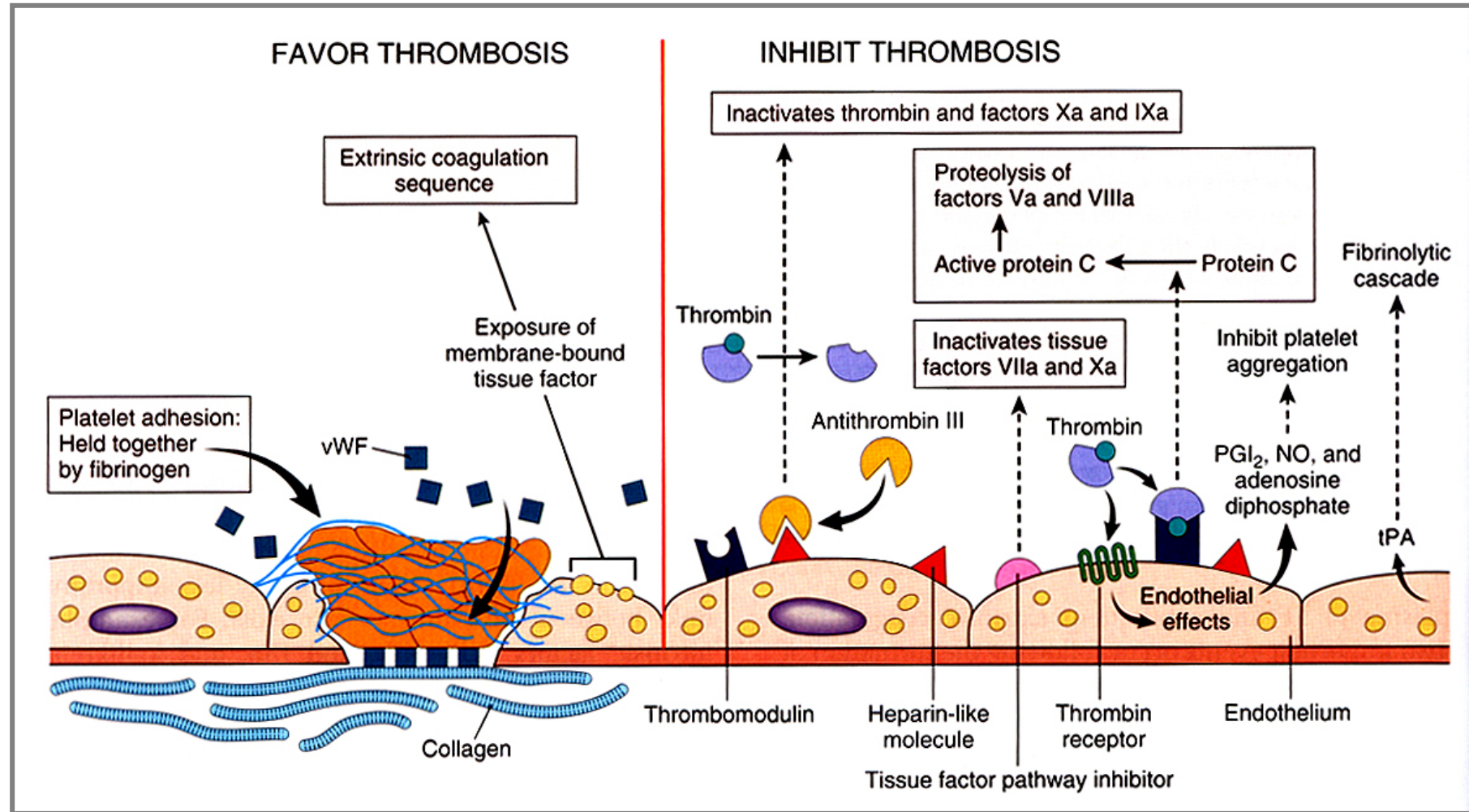


# Regulatory Mechanisms

- antithrombin system
- protein C and protein S system
- tissue factor pathway inhibitor
- fibrinolytic system

# Regulatory Mechanisms

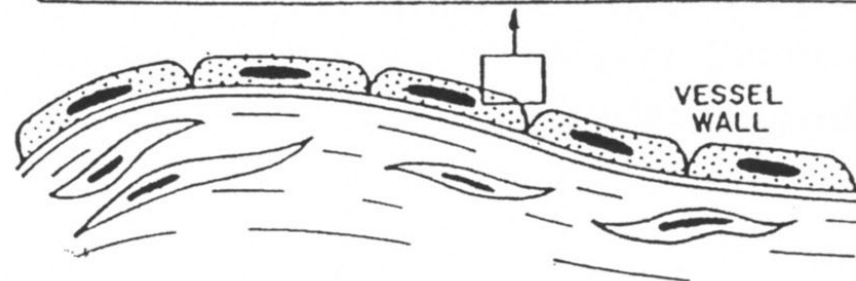
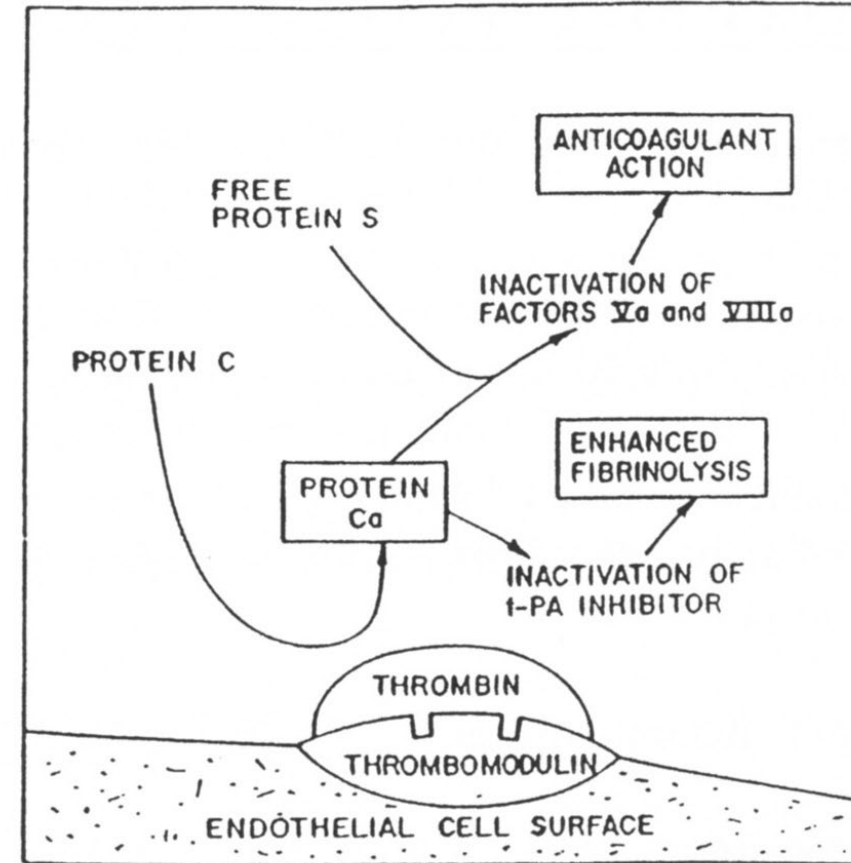
- antithrombin system
- protein C and protein S system
- tissue factor pathway inhibitor
- fibrinolytic system





# Regulatory Mechanisms

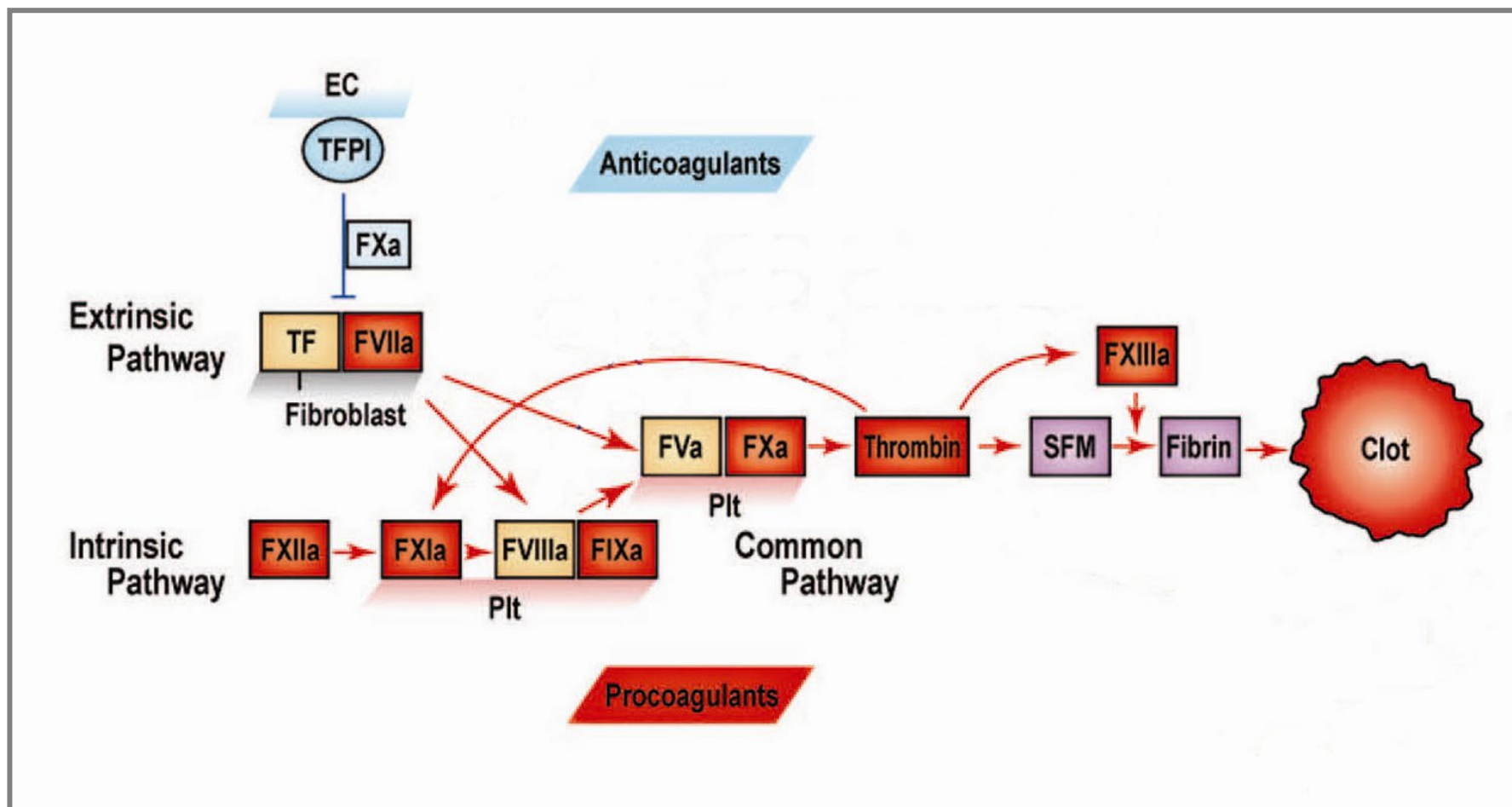
- antithrombin system
- protein C and protein S system
- tissue factor pathway inhibitor
- fibrinolytic system

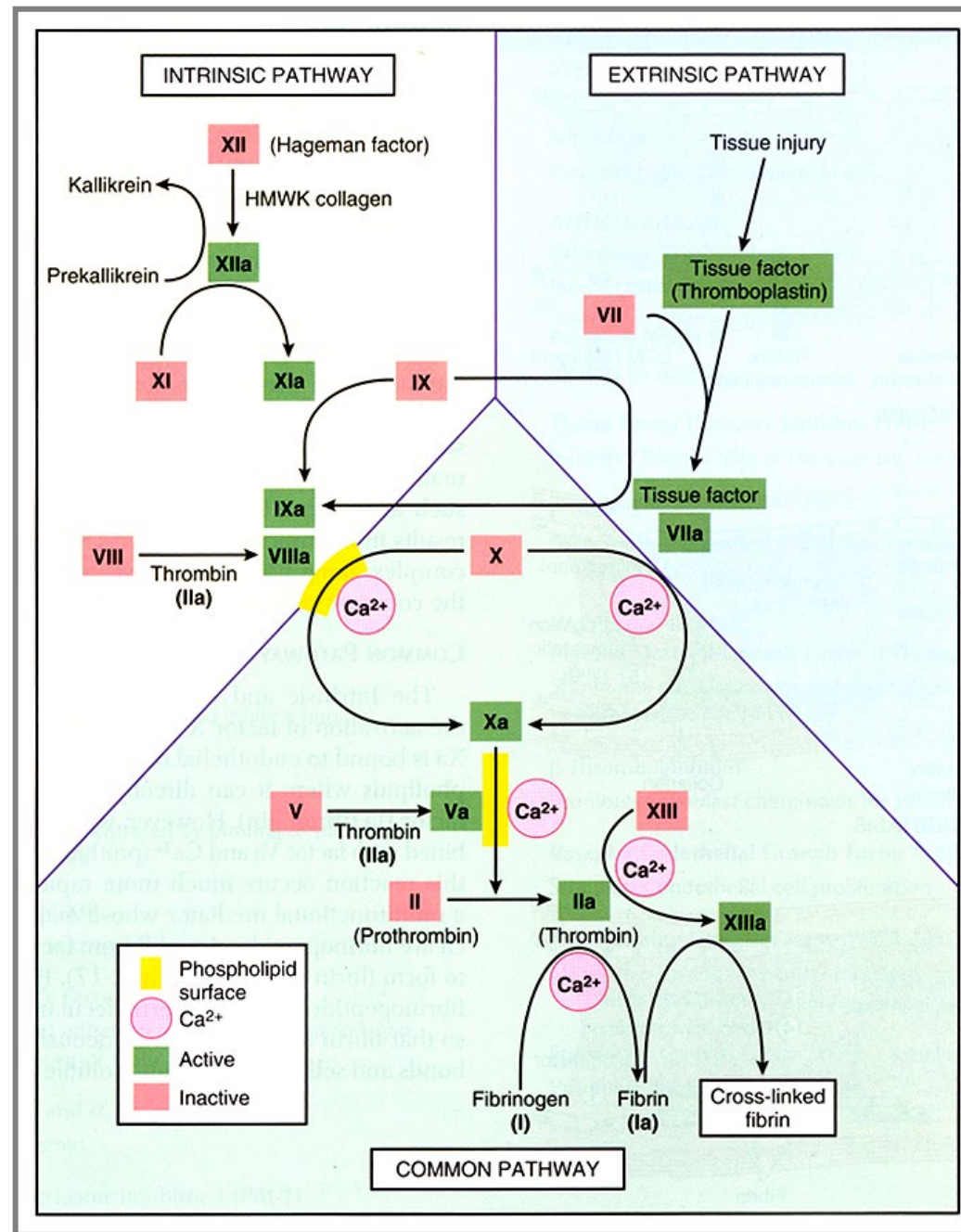


# Regulatory Mechanisms

- antithrombin system
- protein C and protein S system
- tissue factor pathway inhibitor
- fibrinolytic system







# Regulatory Mechanisms

- antithrombin system
- protein C and protein S system
- tissue factor pathway inhibitor
- fibrinolytic system



