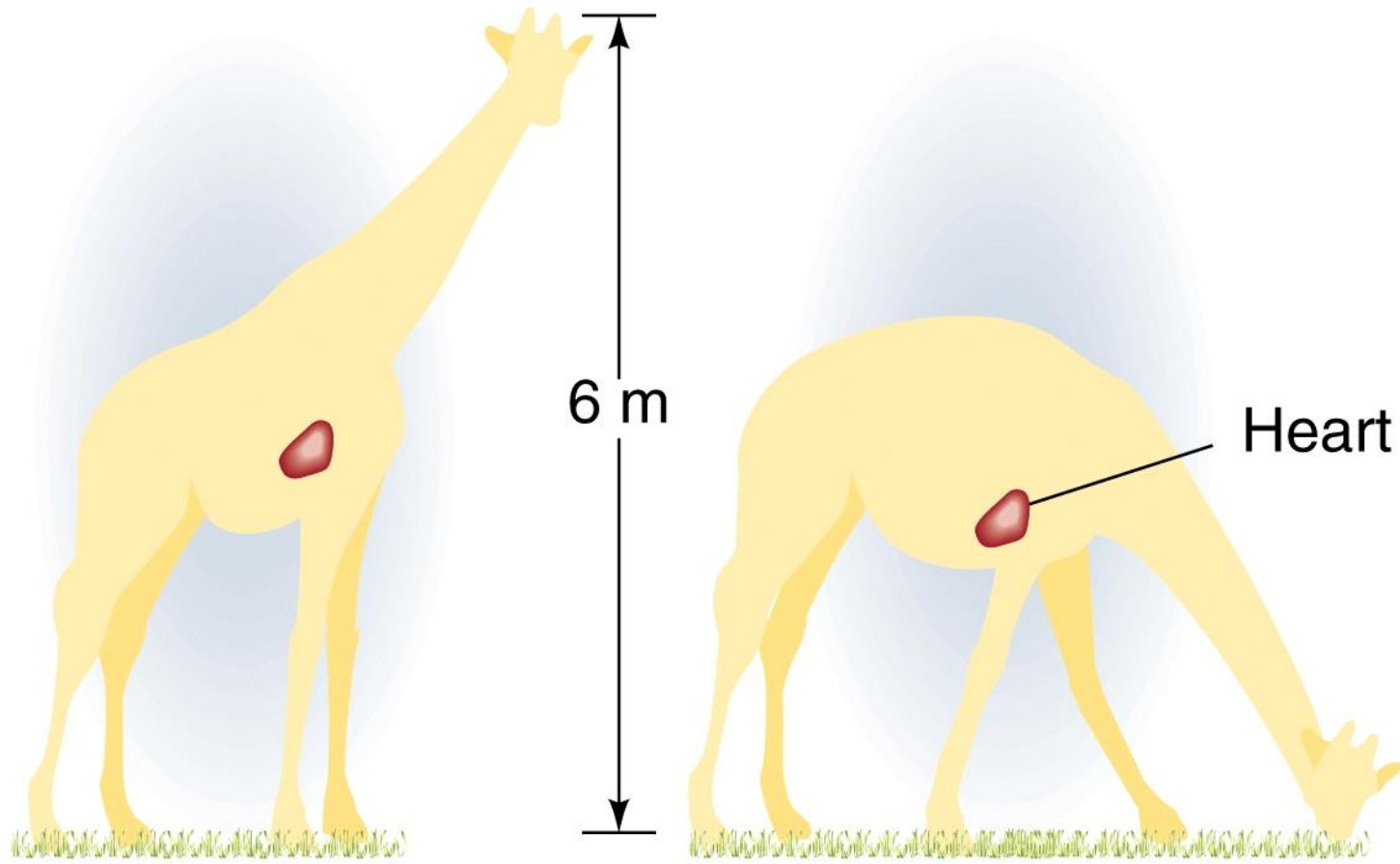


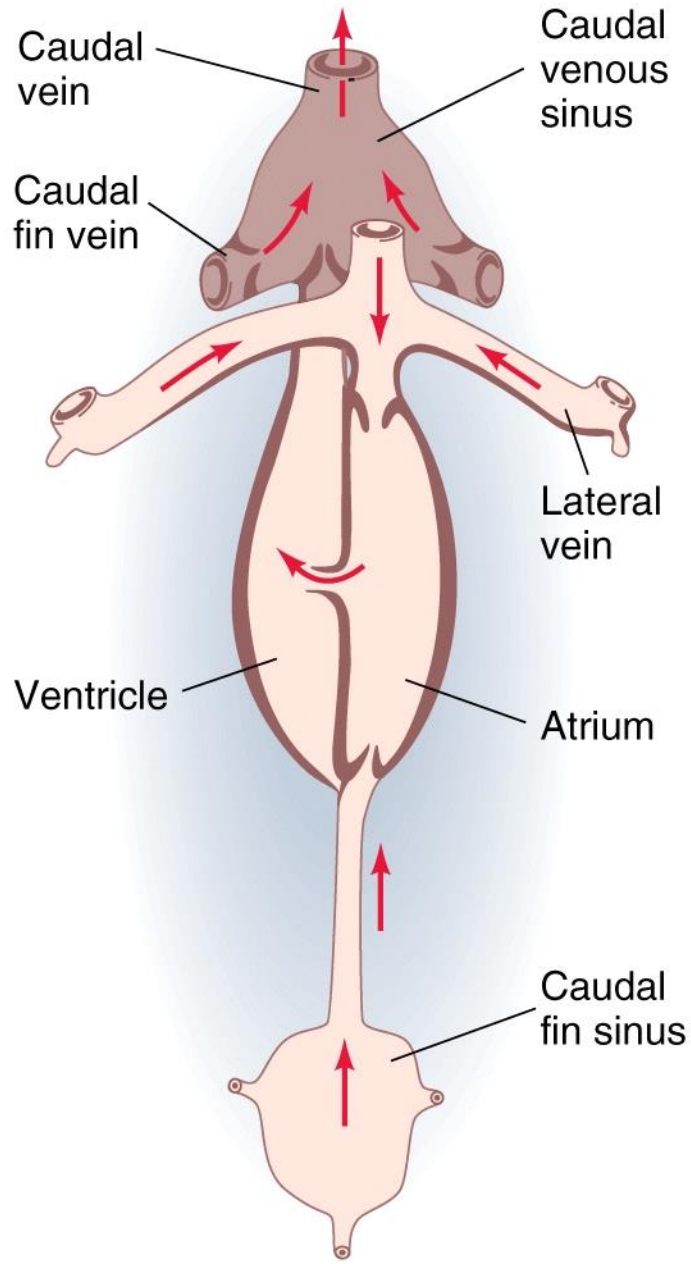
(a)

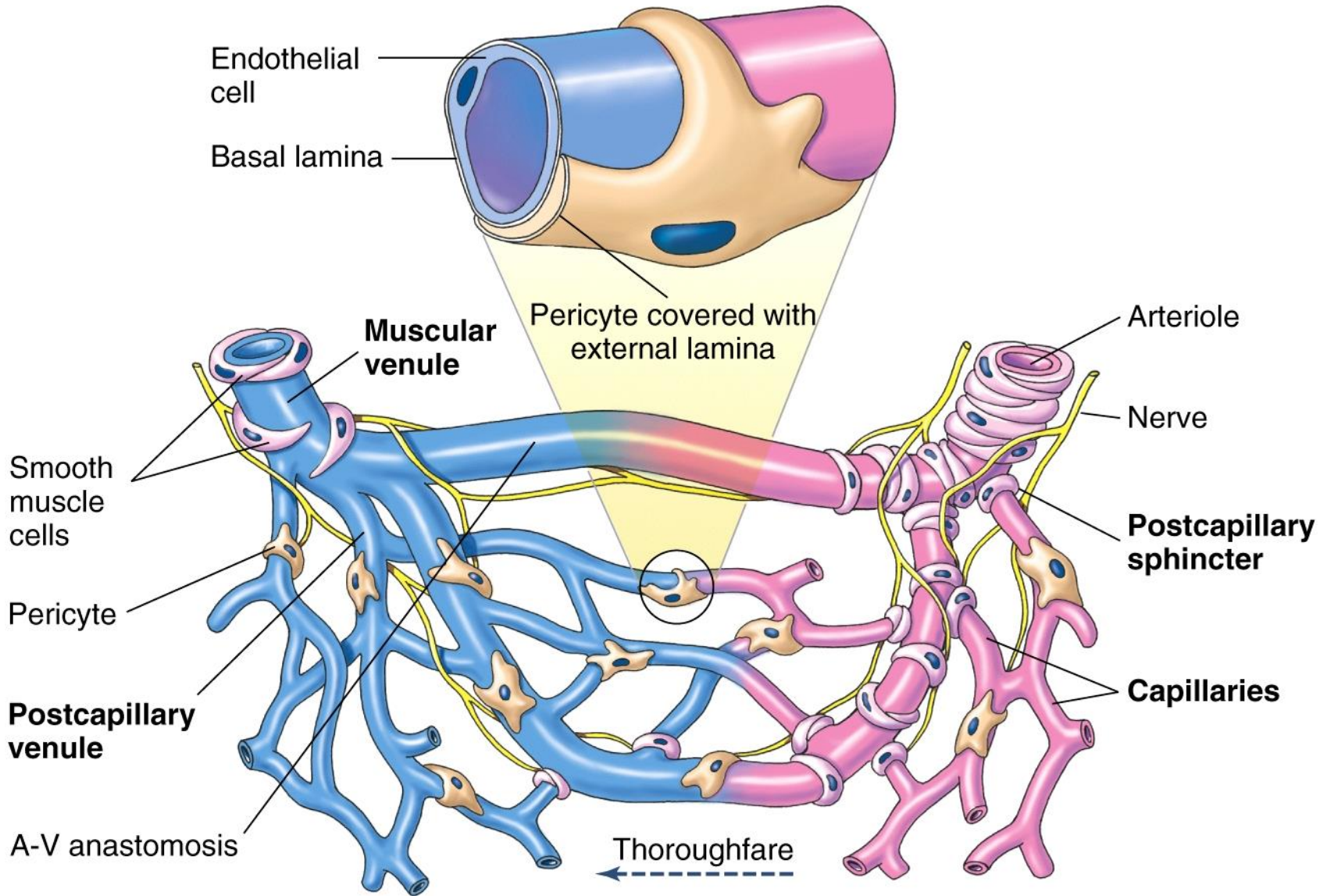


Vasoconstriction  
of vessels in  
lower body

→ Aortic pressure  
decreases

Vasodilation of  
vessels in  
lower body



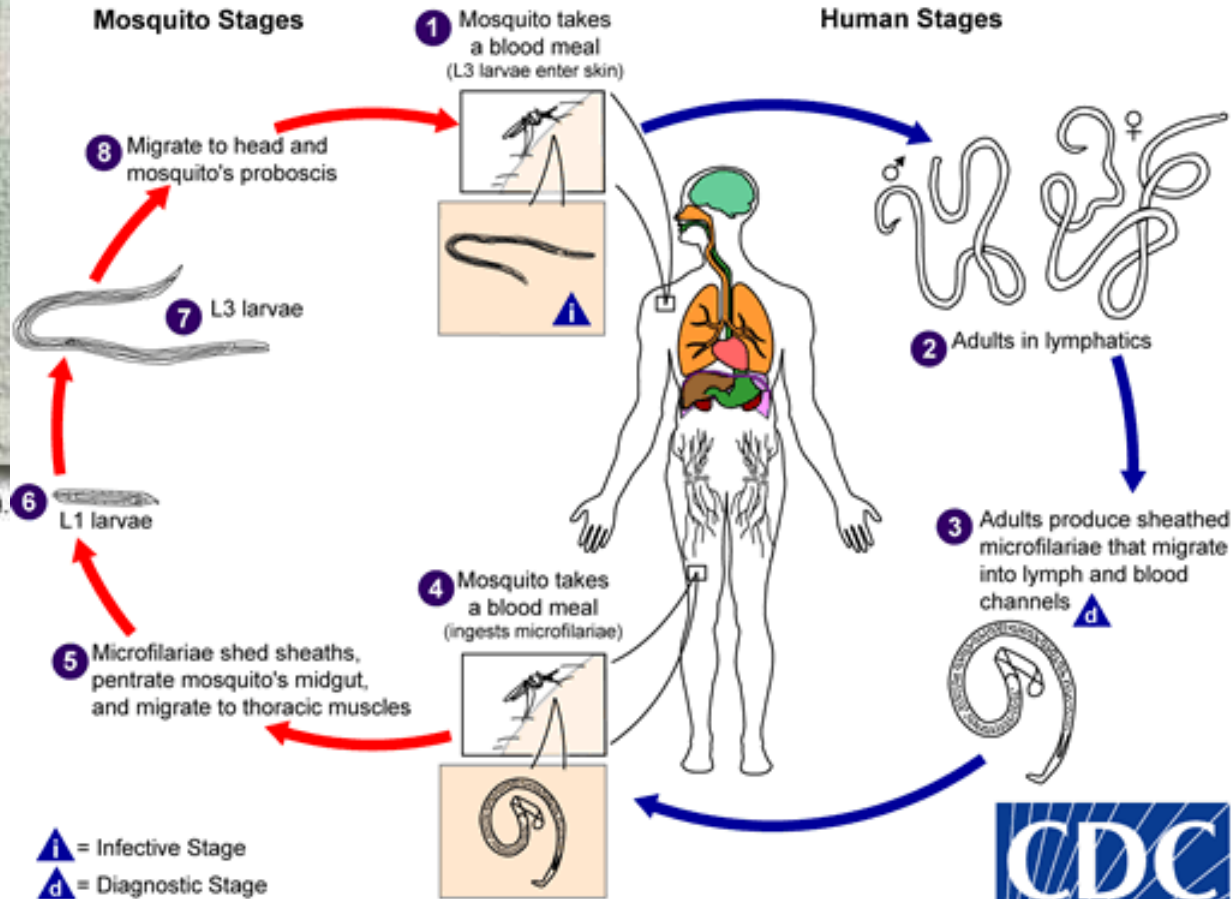




***Wuchereria bancrofti***

**Mosquito Stages**

**Human Stages**



Elephantiasis of the legs due to filariasis (CDC).

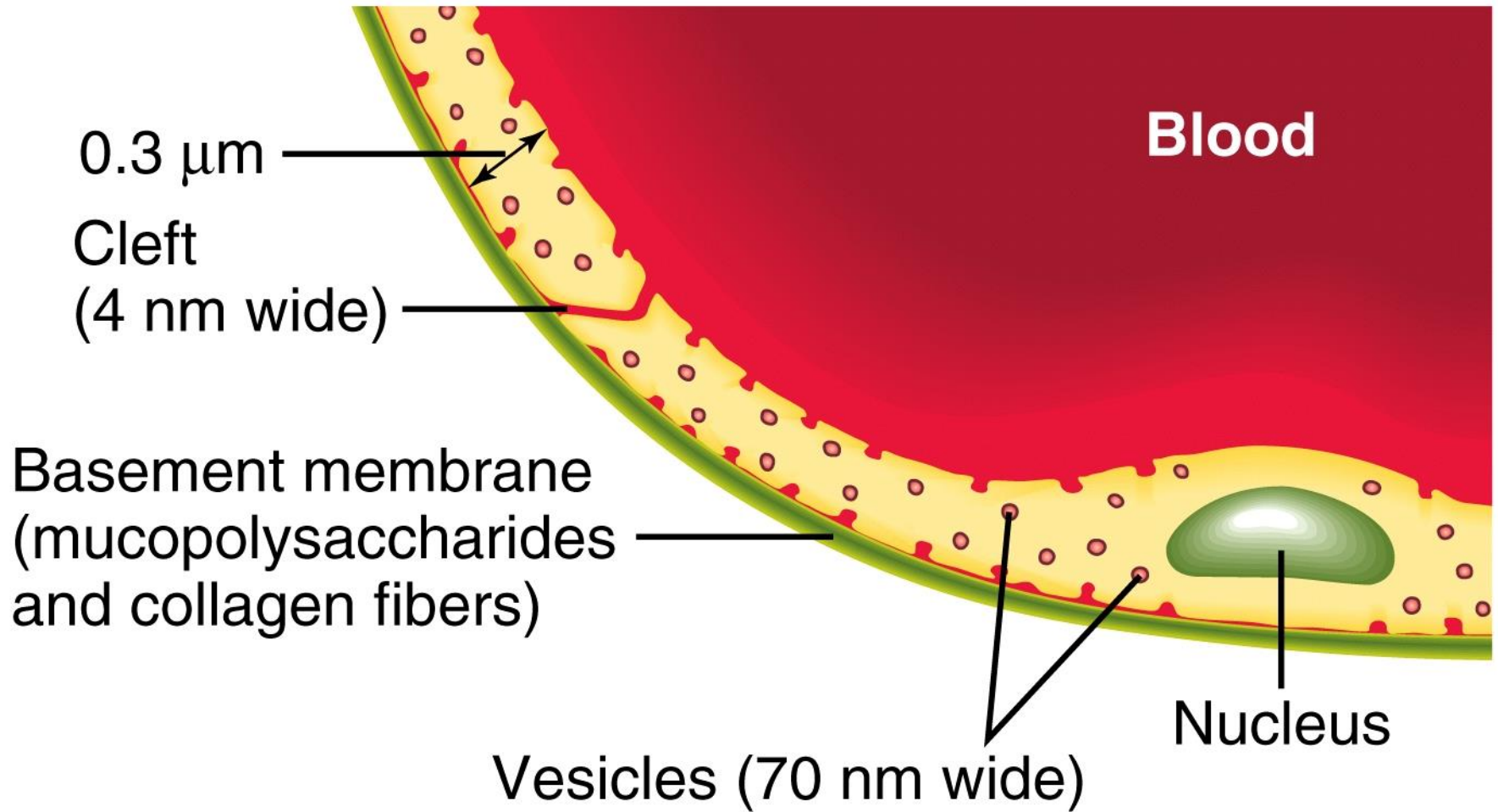


***Wuchereria bancrofti* in blood**  
WHO/TDR/Stammers



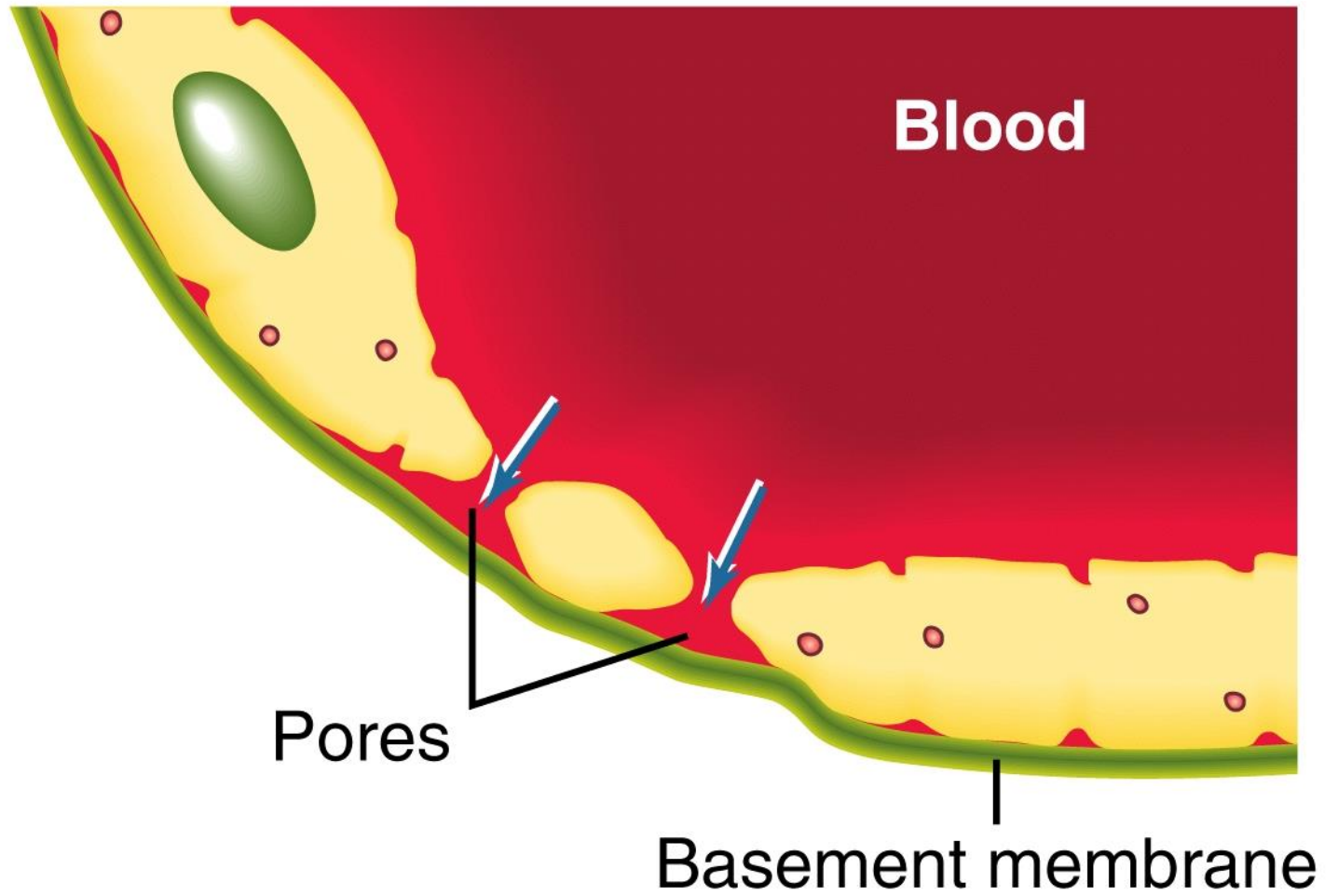
SAFER • HEALTHIER • PEOPLE™  
<http://www.dpd.cdc.gov/dpdx>

(a) Continuous capillary

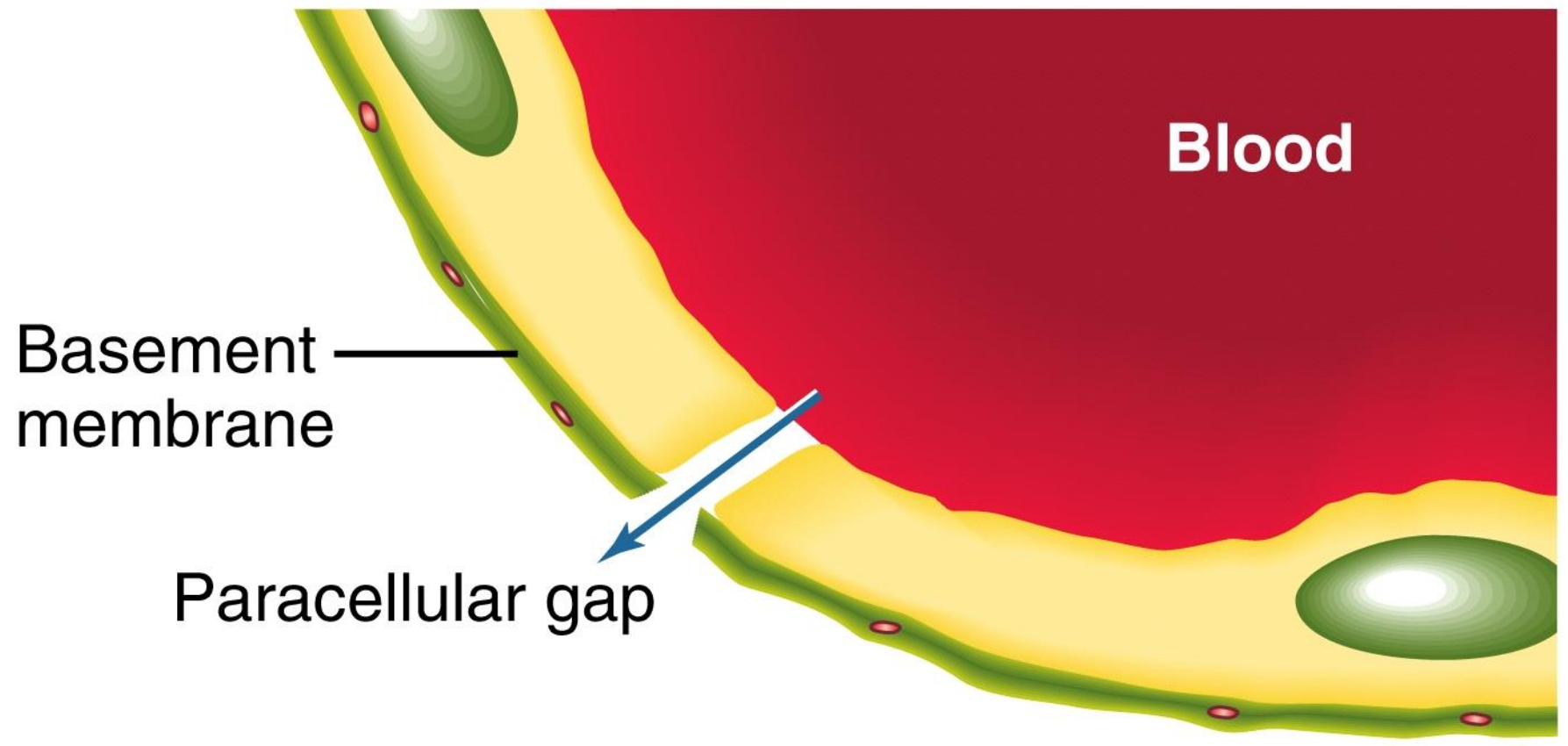




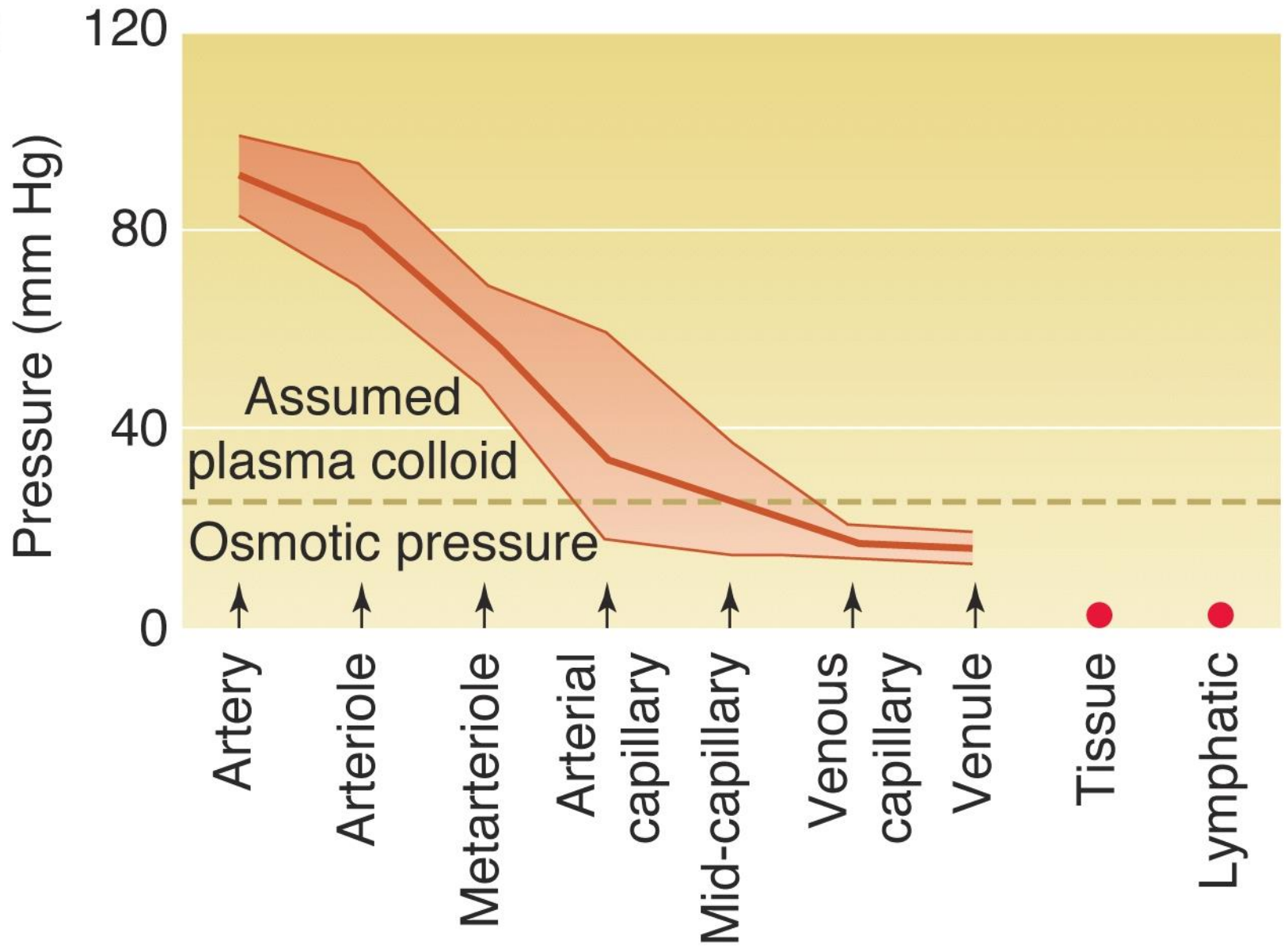
(b) Fenestrated capillary

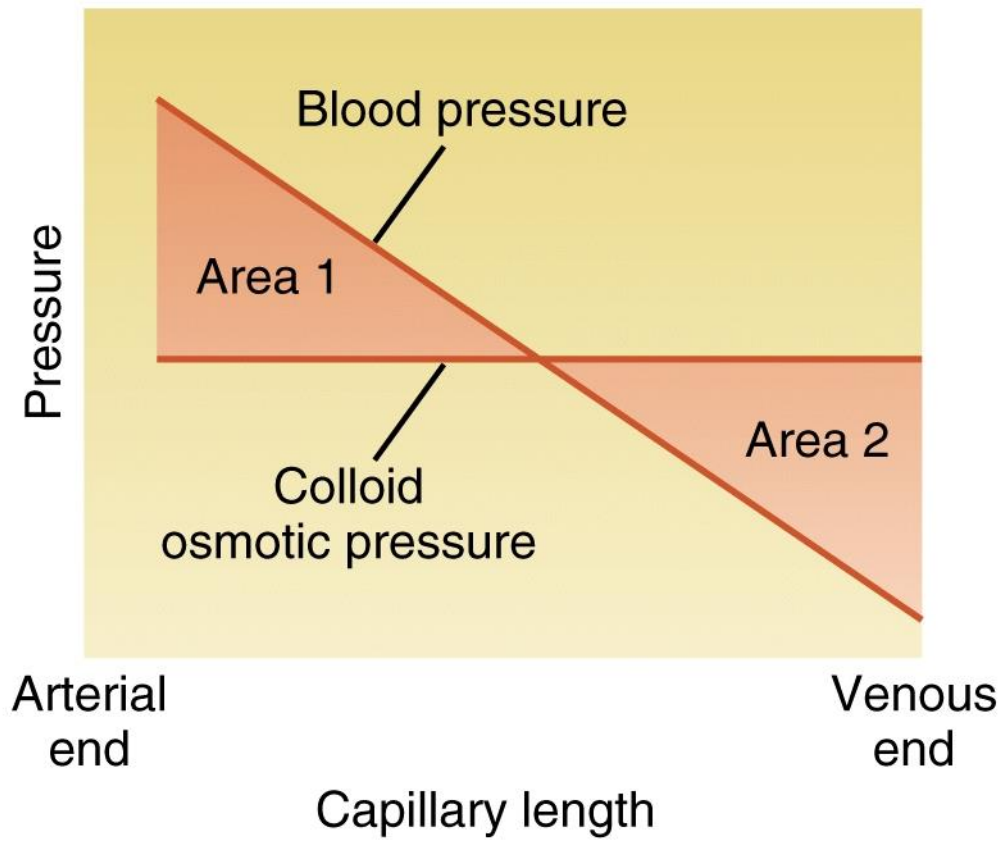
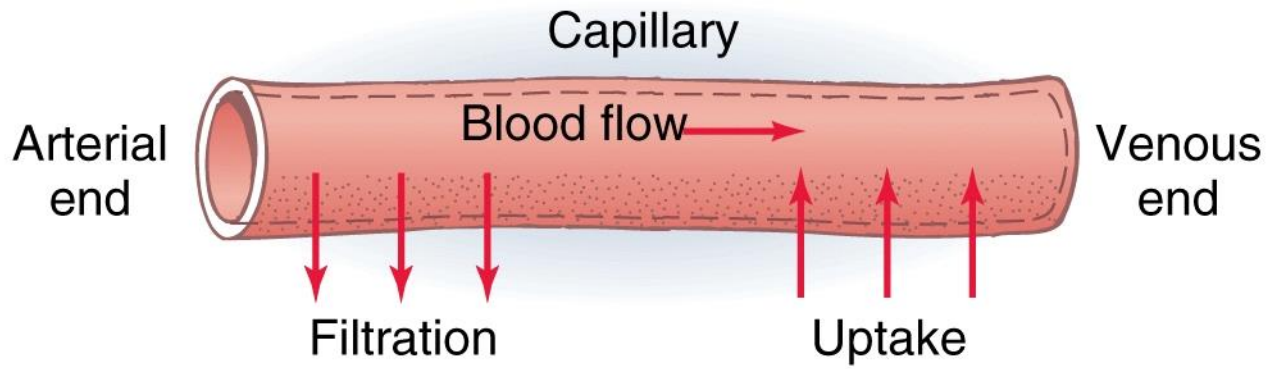


(c) Sinusoidal capillary

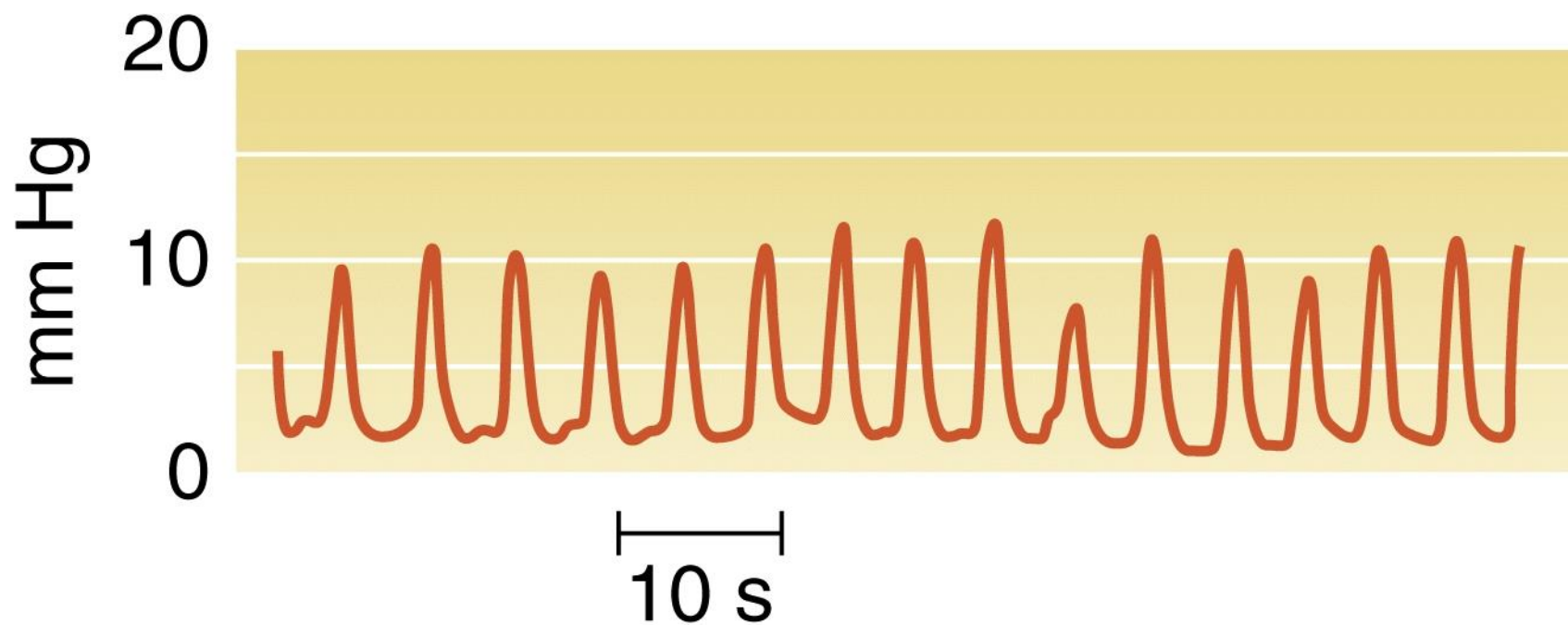


(b)

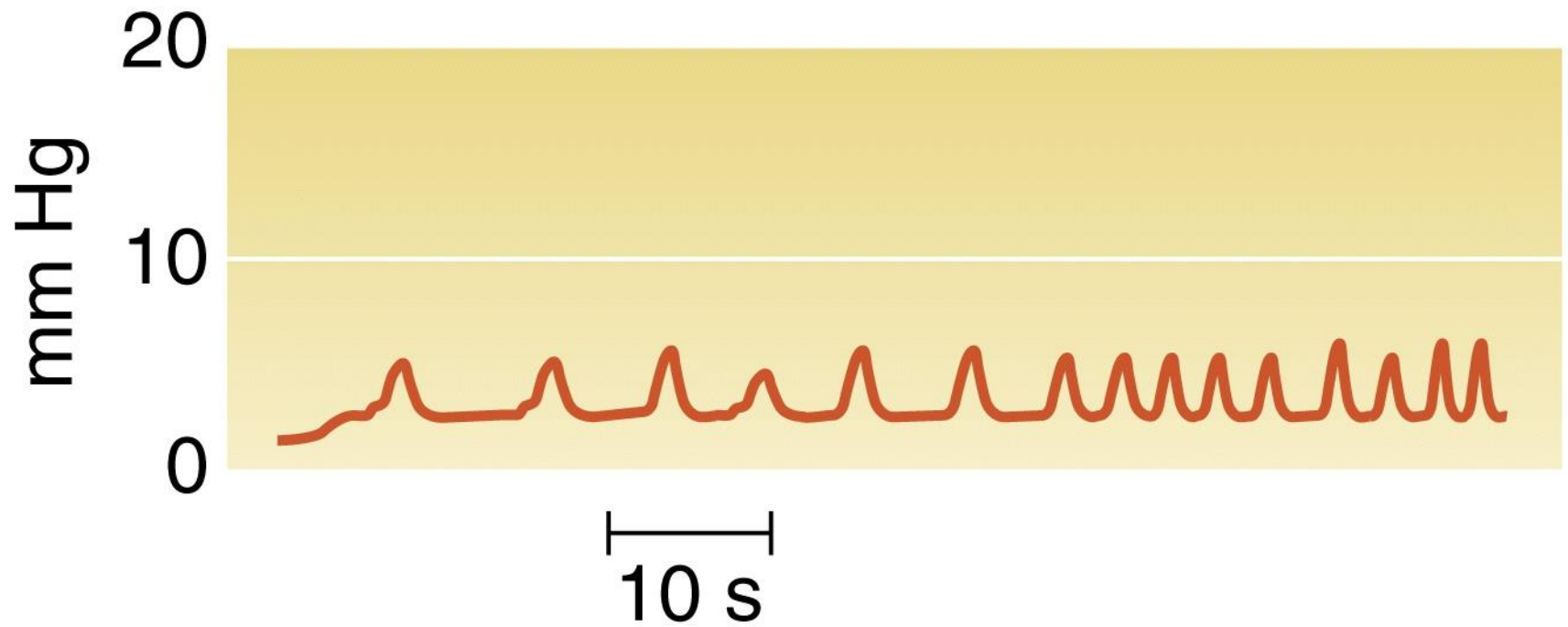


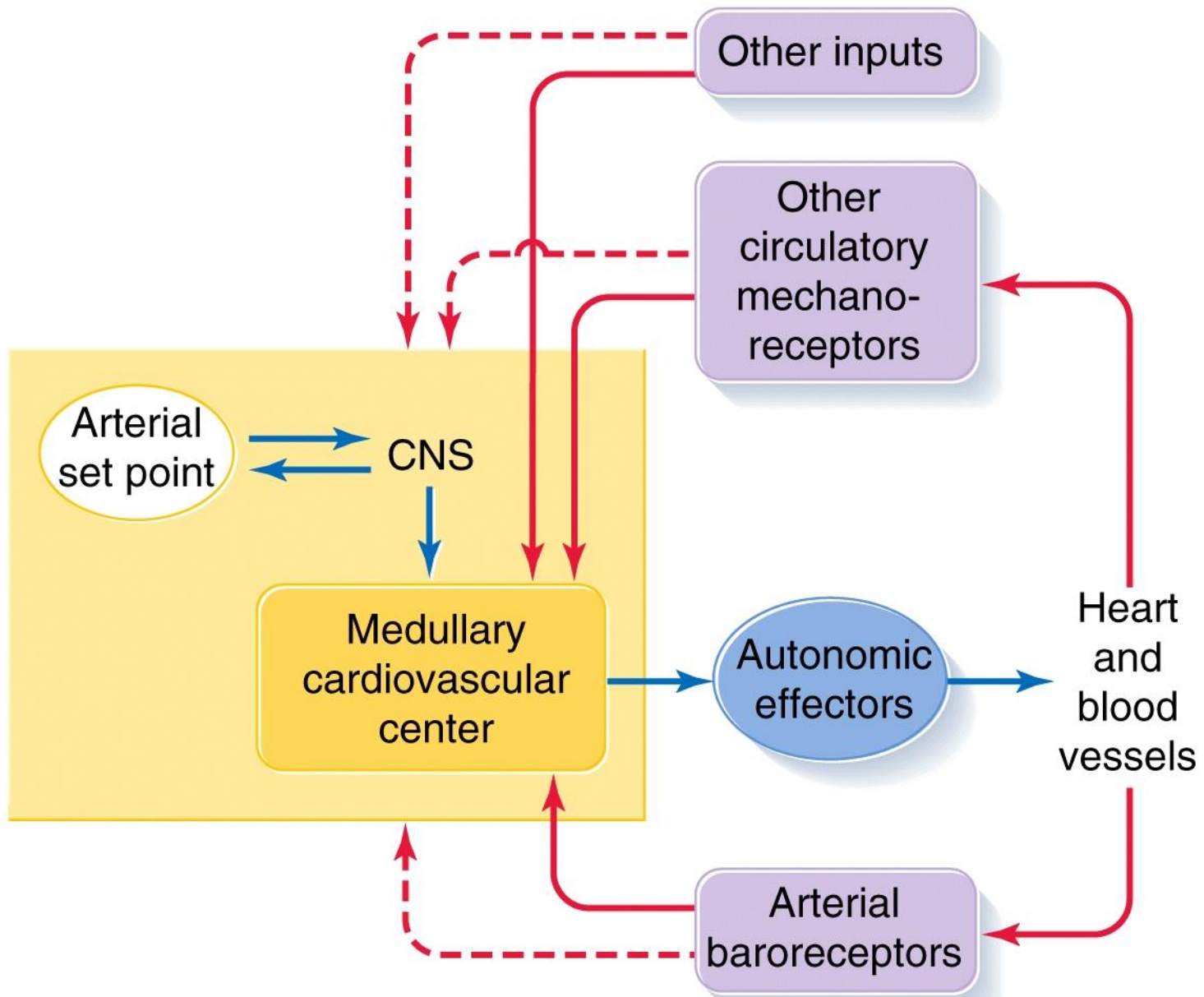


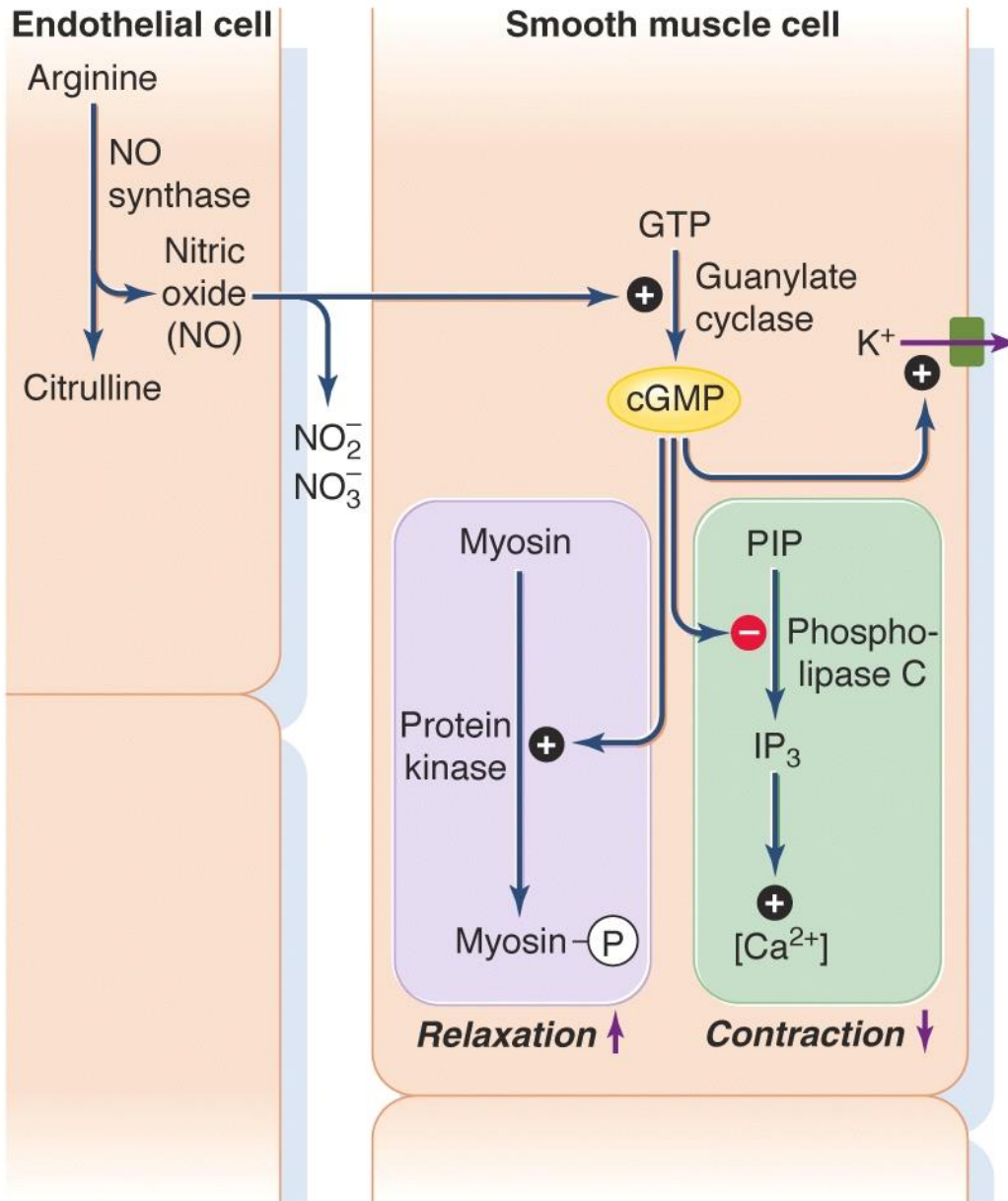
(a) Lymphatic trunks ( $30\ \mu\text{m}$ )



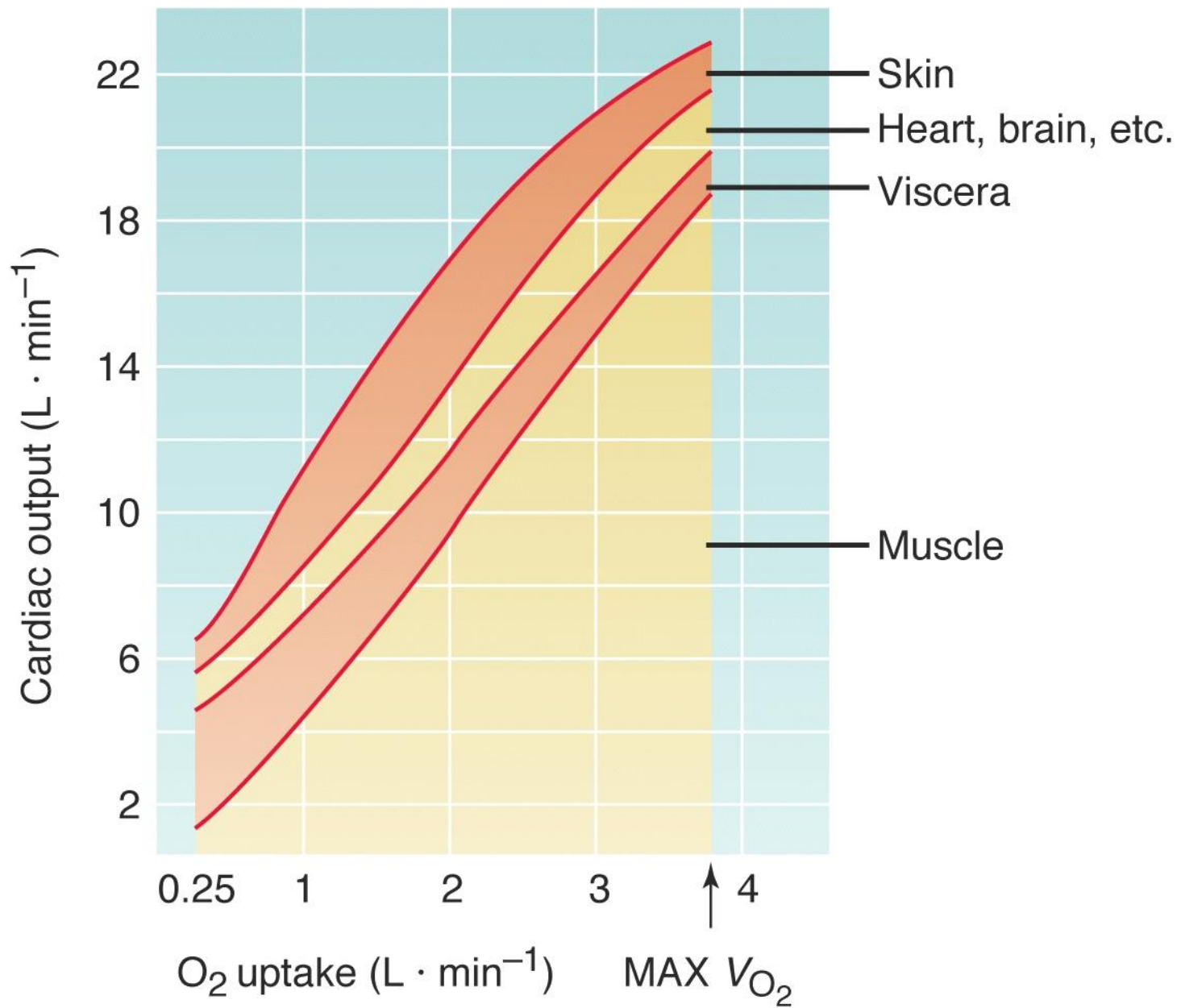
(b) Lymphatic capillary (5  $\mu\text{m}$ )

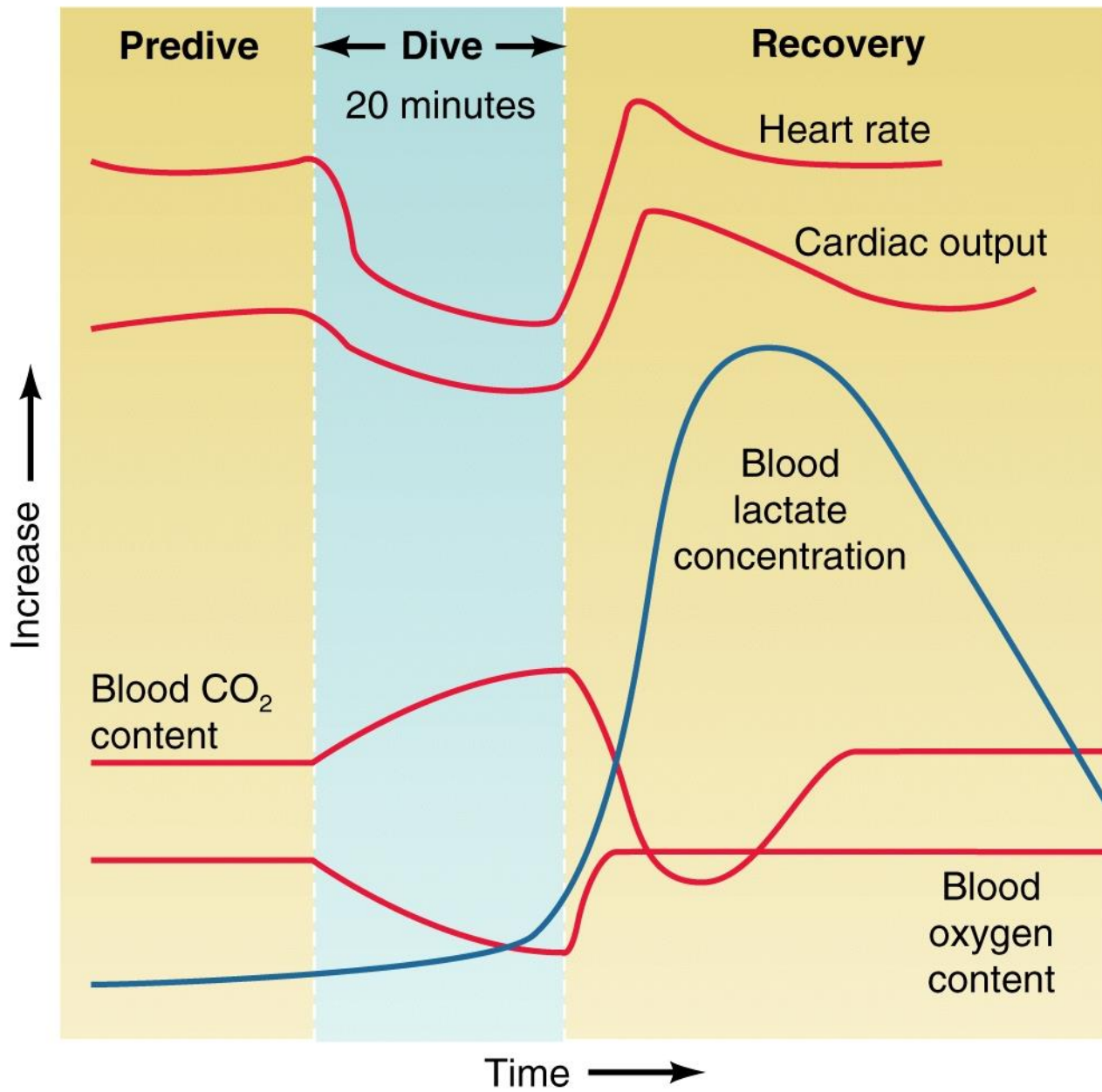






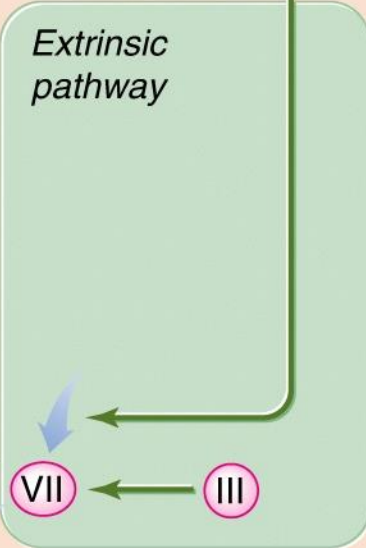
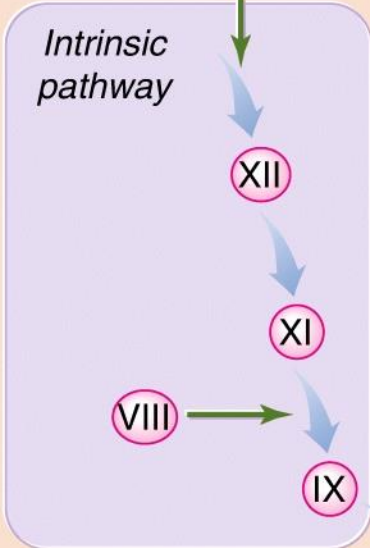






Exposure to collagen,  
glass surface

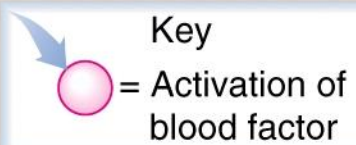
Tissue damage releases  
thromboplastin



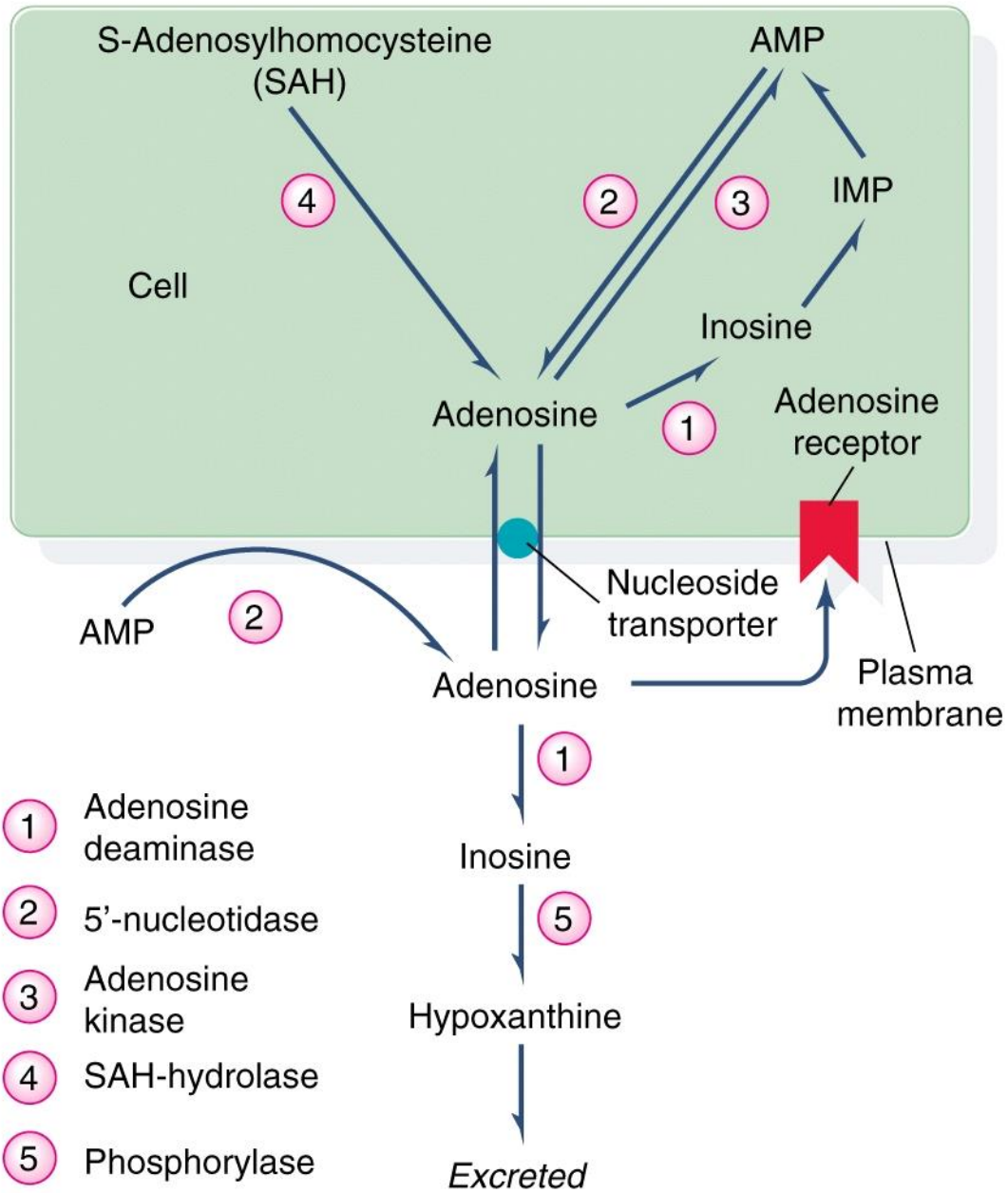
Ca<sup>2+</sup>  
phospho-  
lipid

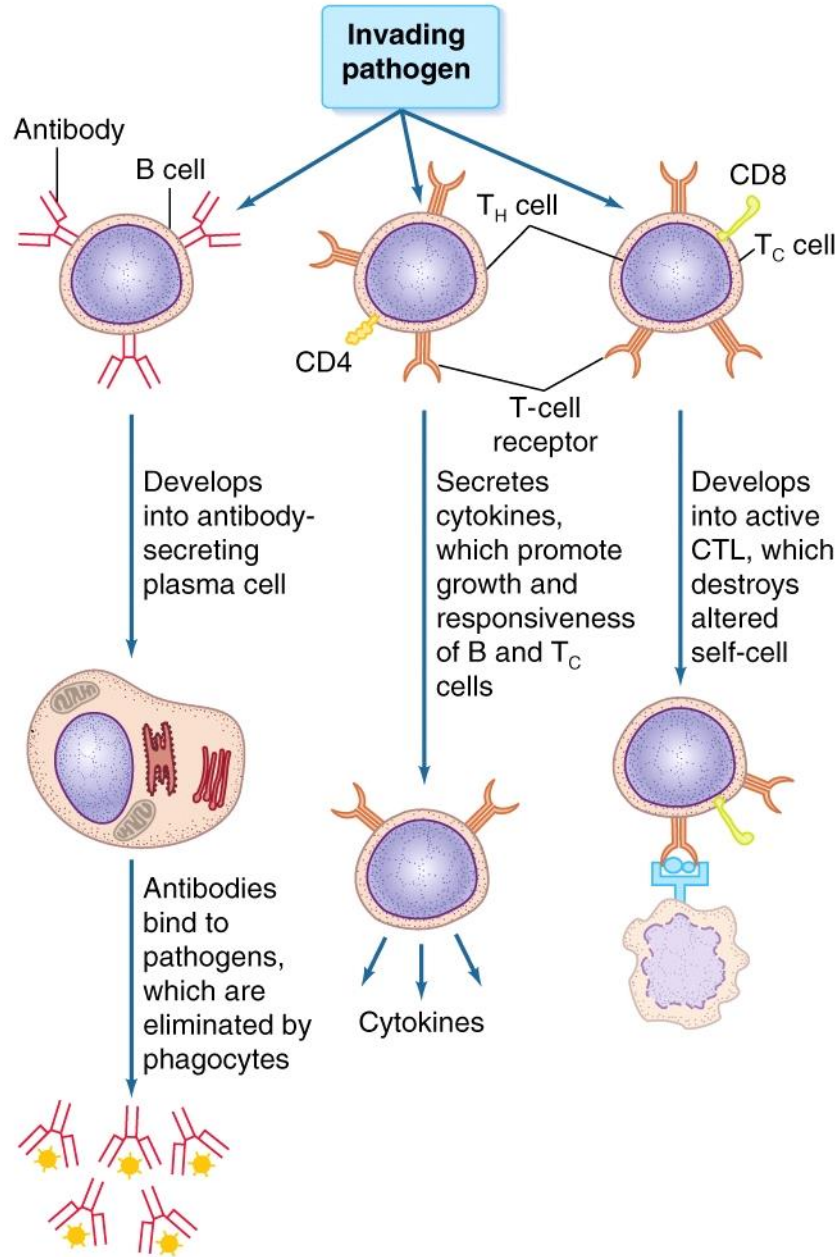
Prothrombin

Thrombin



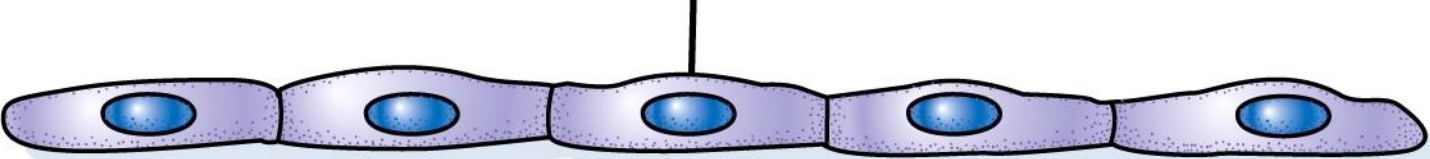






(a) Steps in extravasation

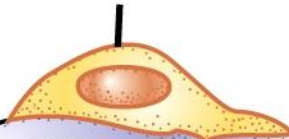
Sectional view of  
vascular endothelium



Rolling



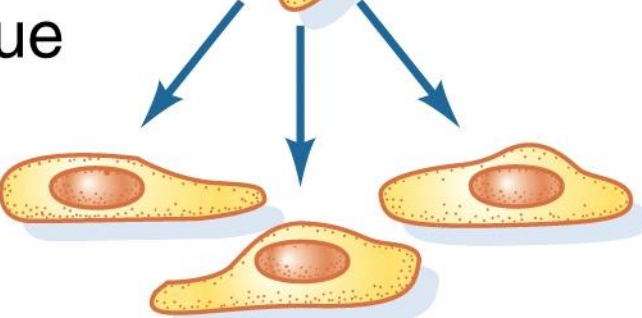
Adhered



Extravasation



Leukocyte migration  
into infected tissue



(b) Cell-surface interactions preceding extravasation

