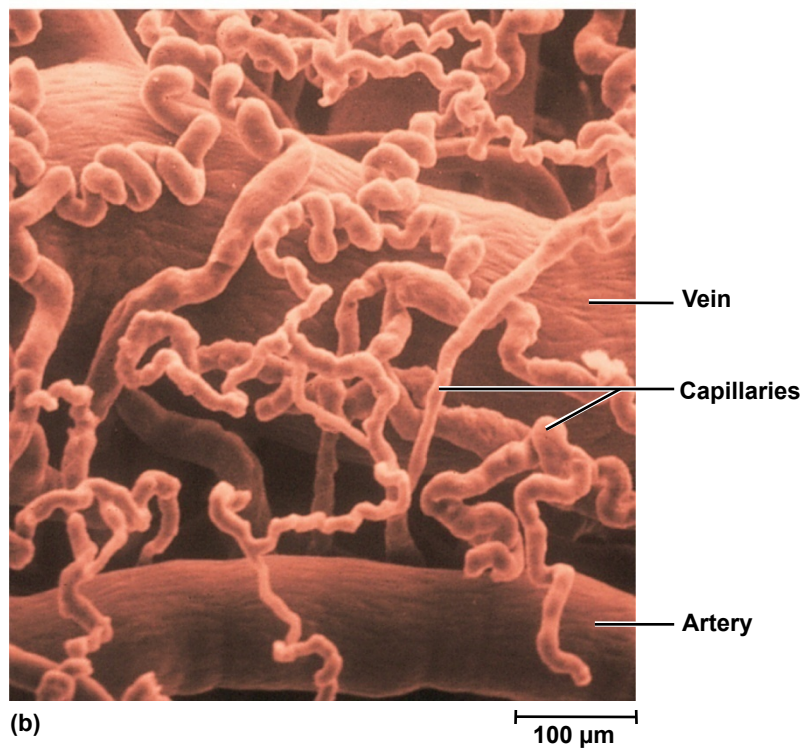
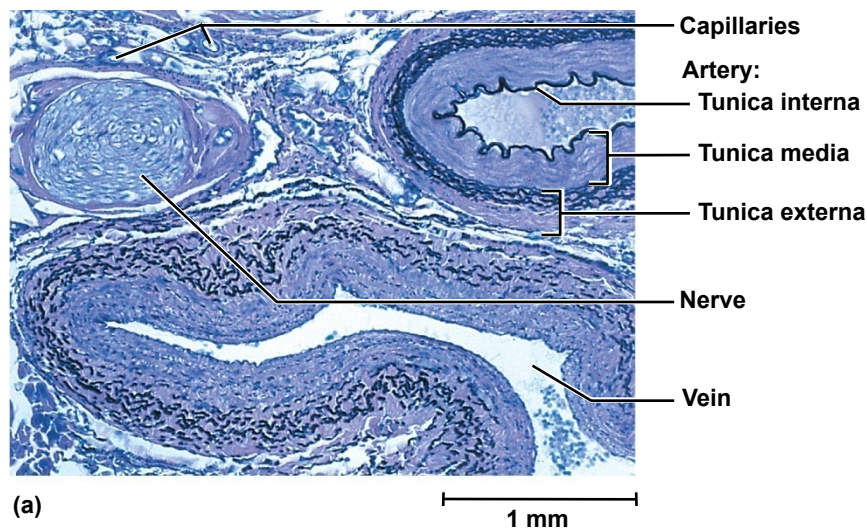


Fig. 20.1

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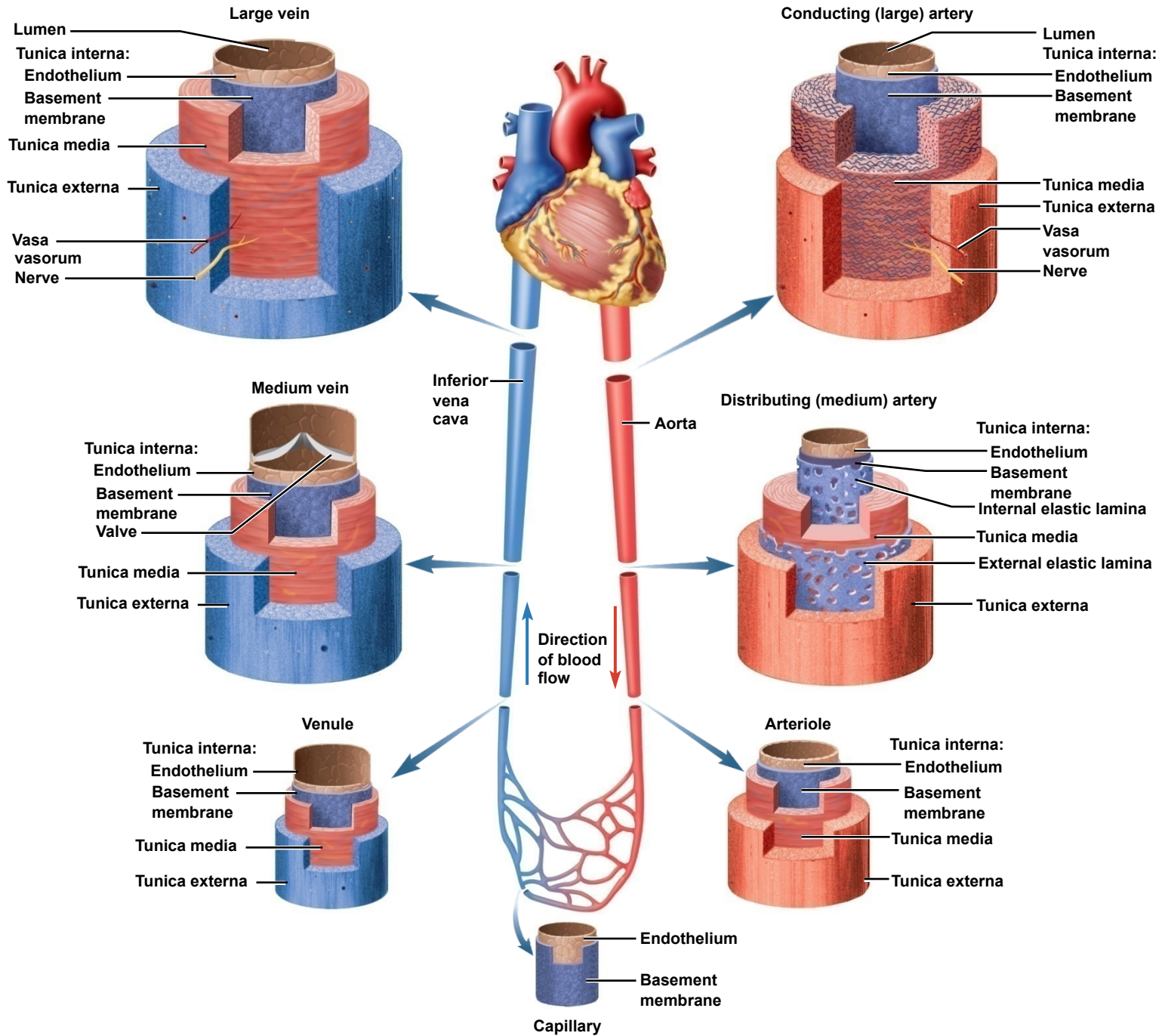


Fig. 20.3

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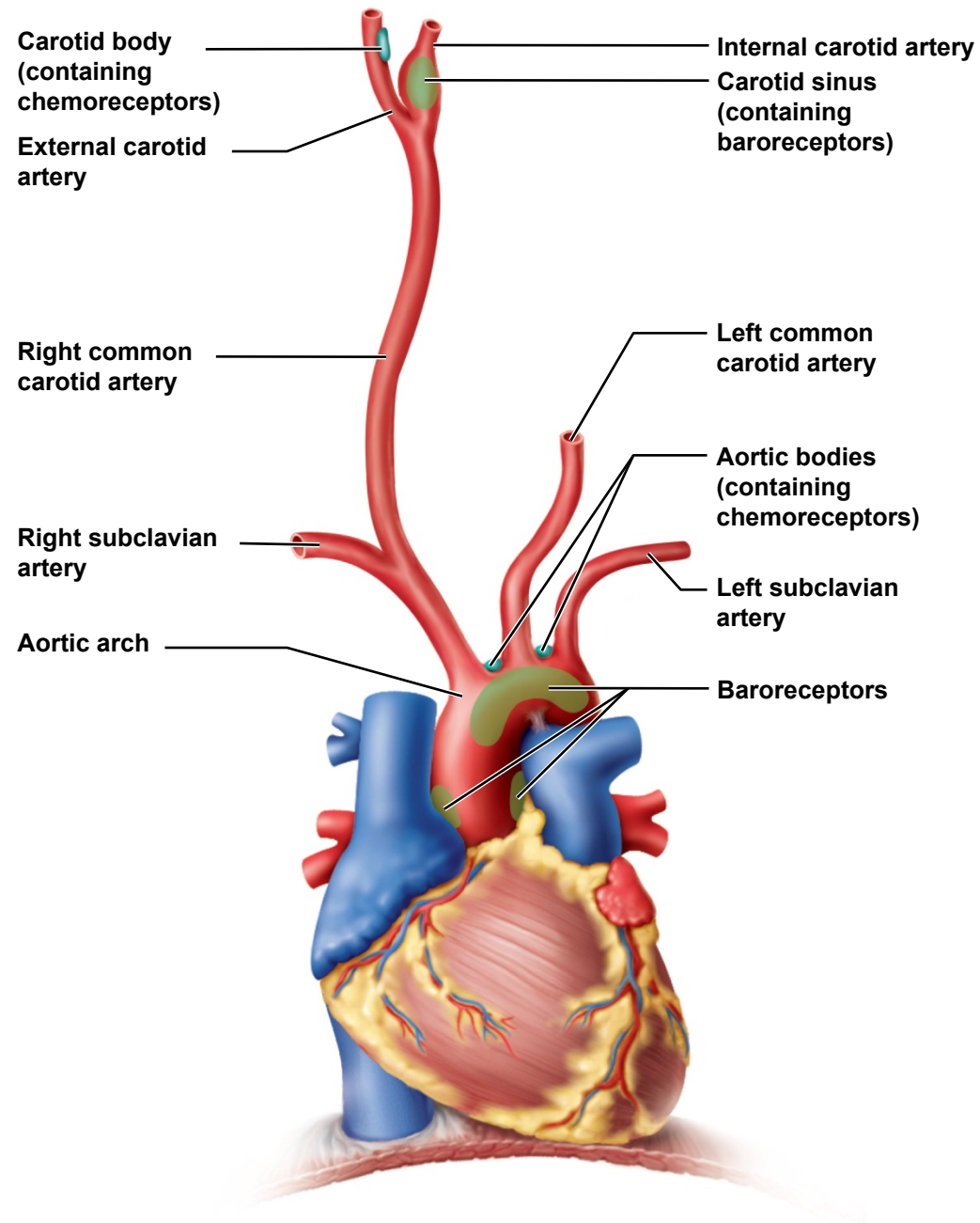


Fig. 20.4

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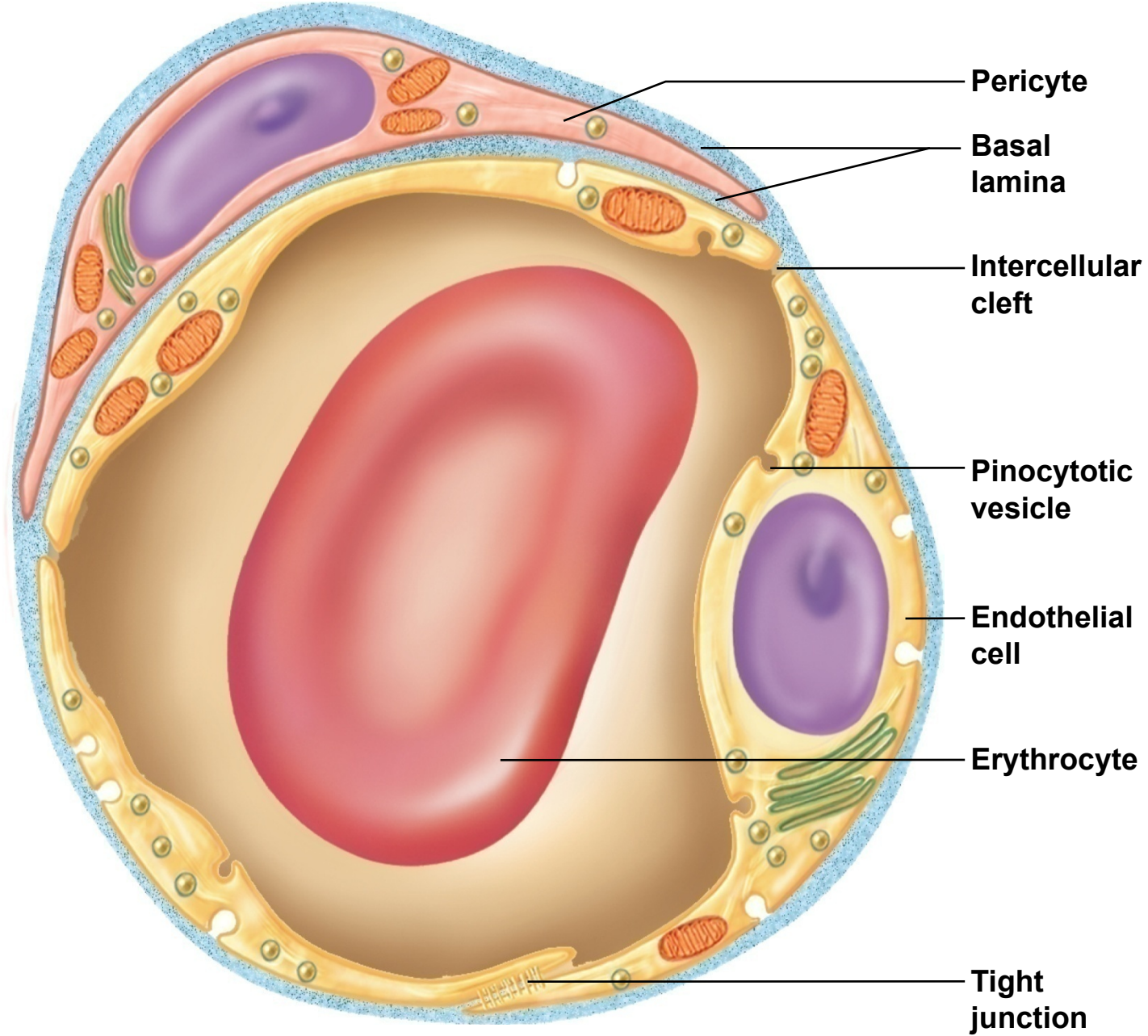
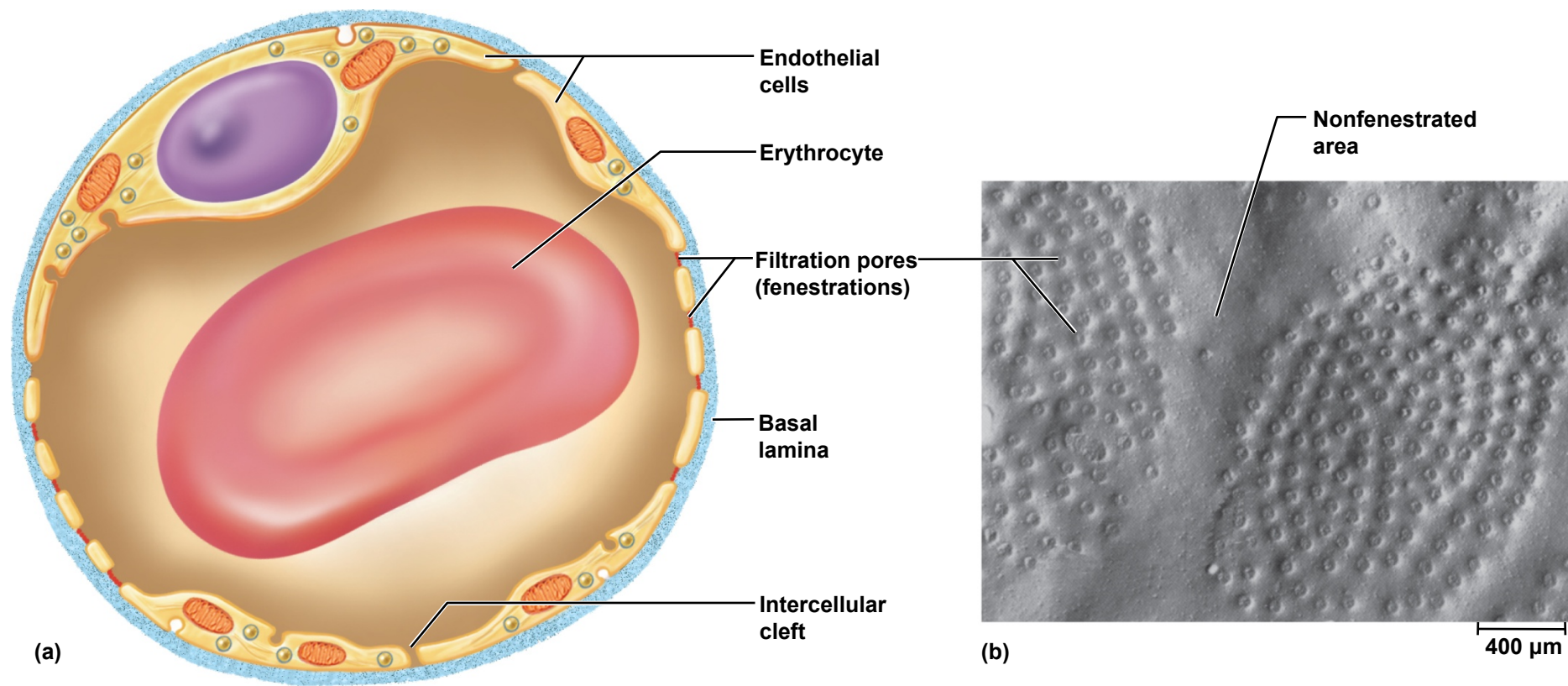


Fig. 20.5

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b: Courtesy of S. McNutt

Fig. 20.6

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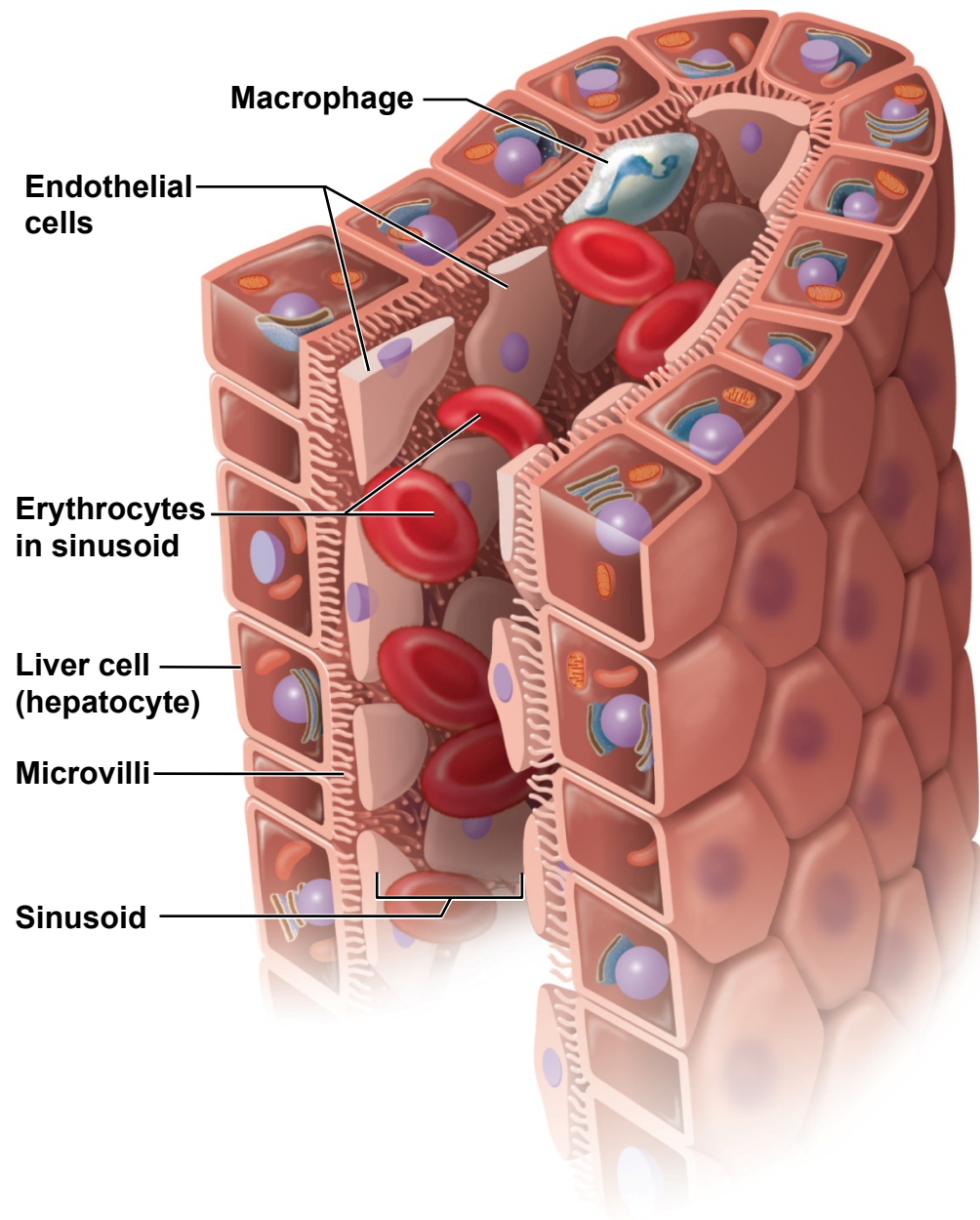


Fig. 20.7

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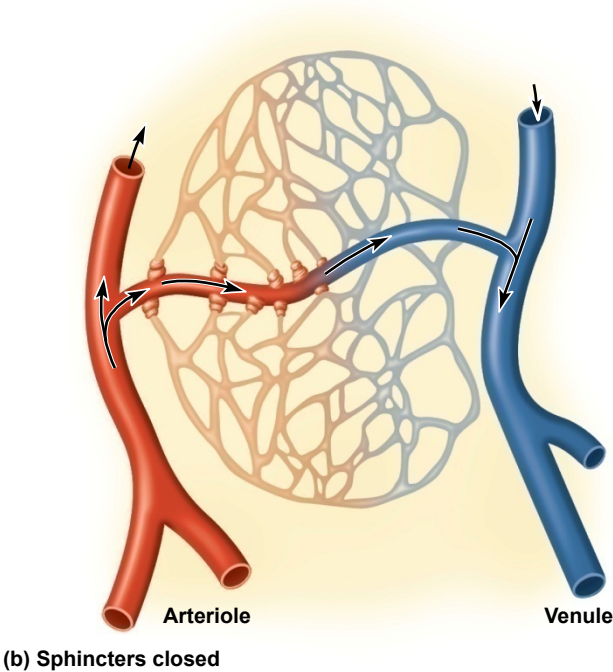
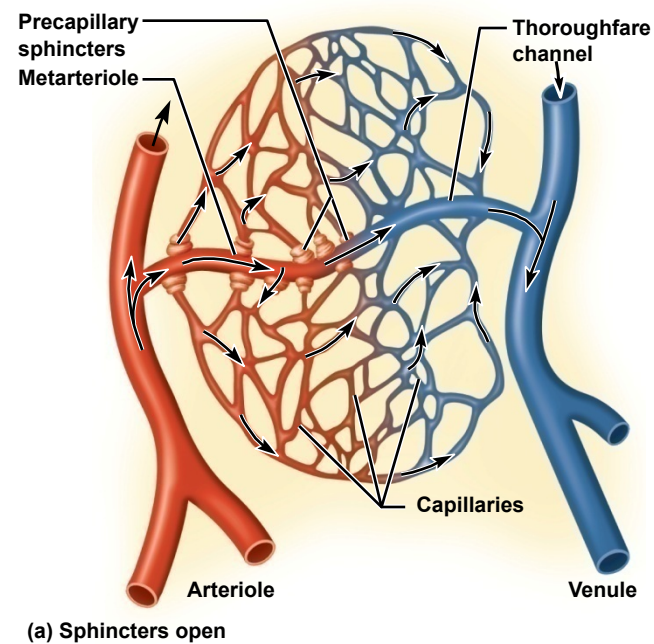


Fig. 20.8

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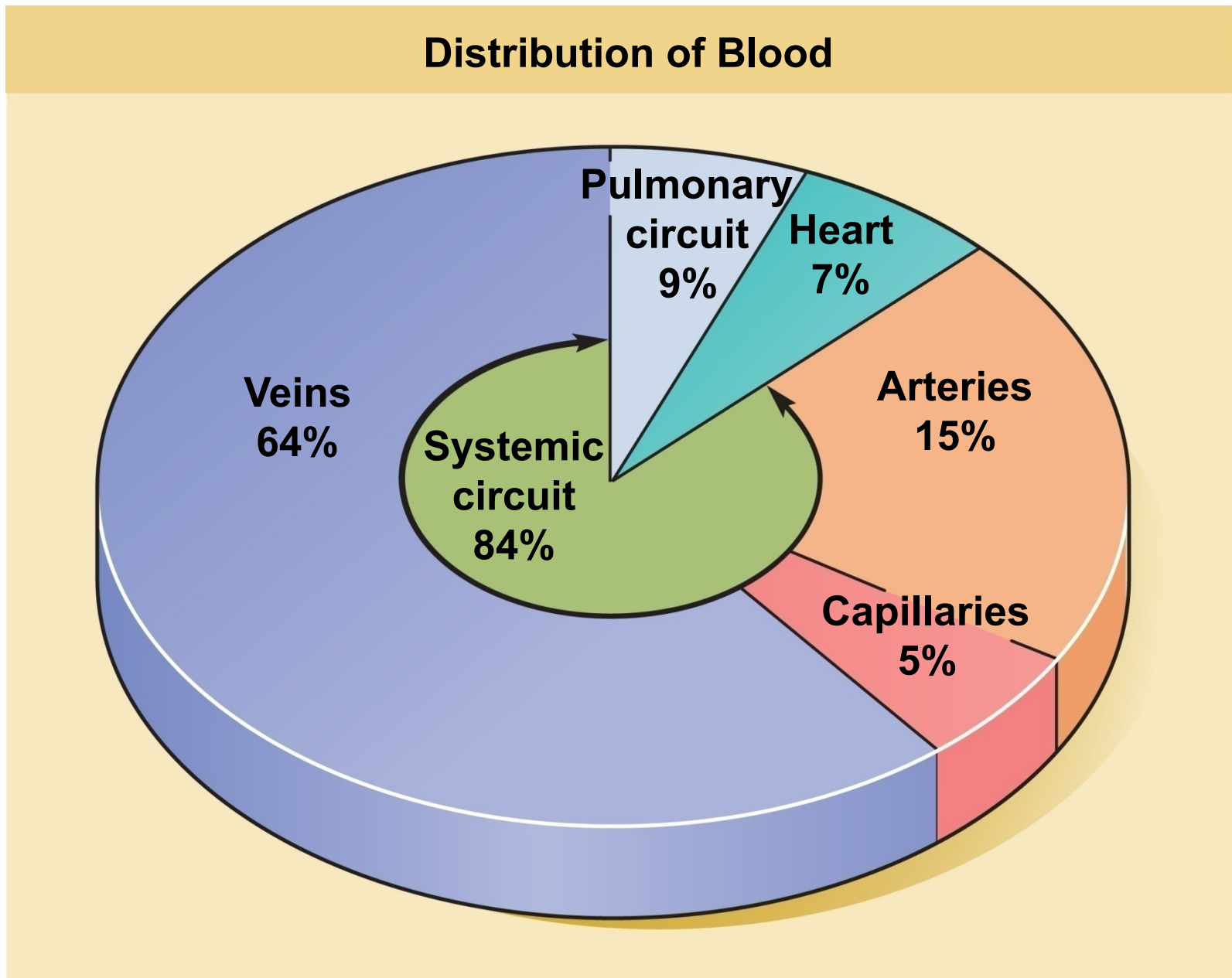


Fig. 20.9

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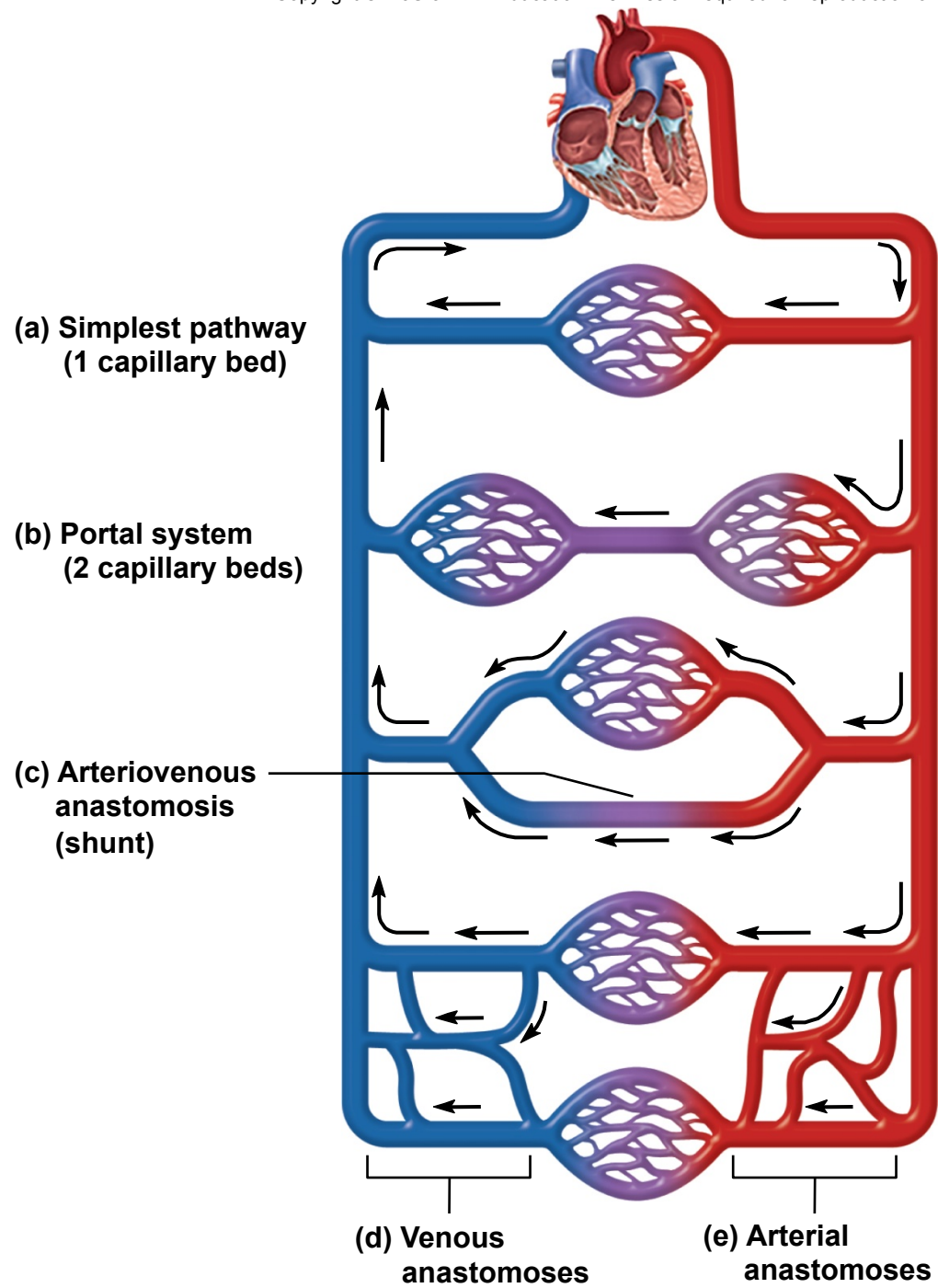


Fig. 20.10

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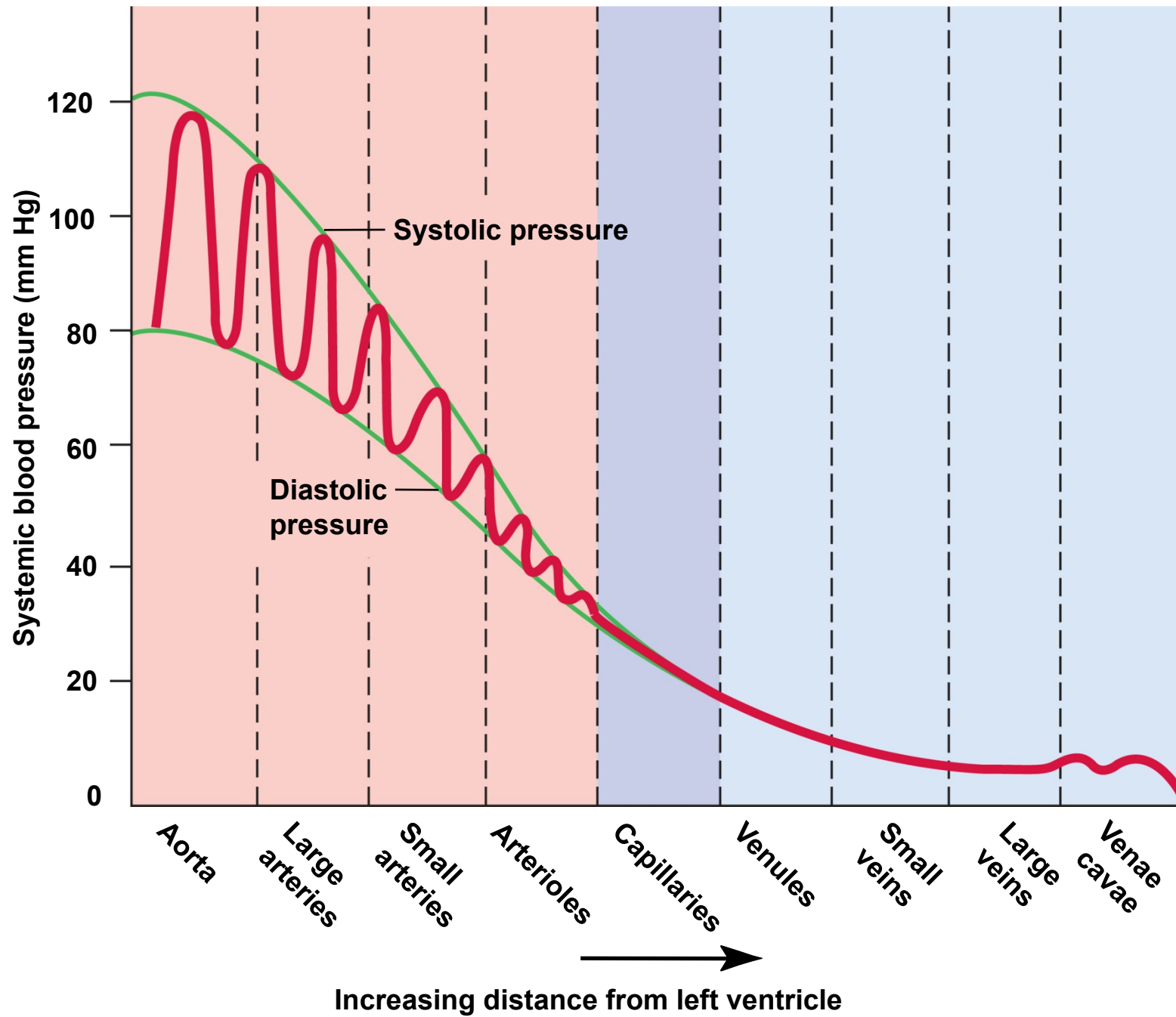
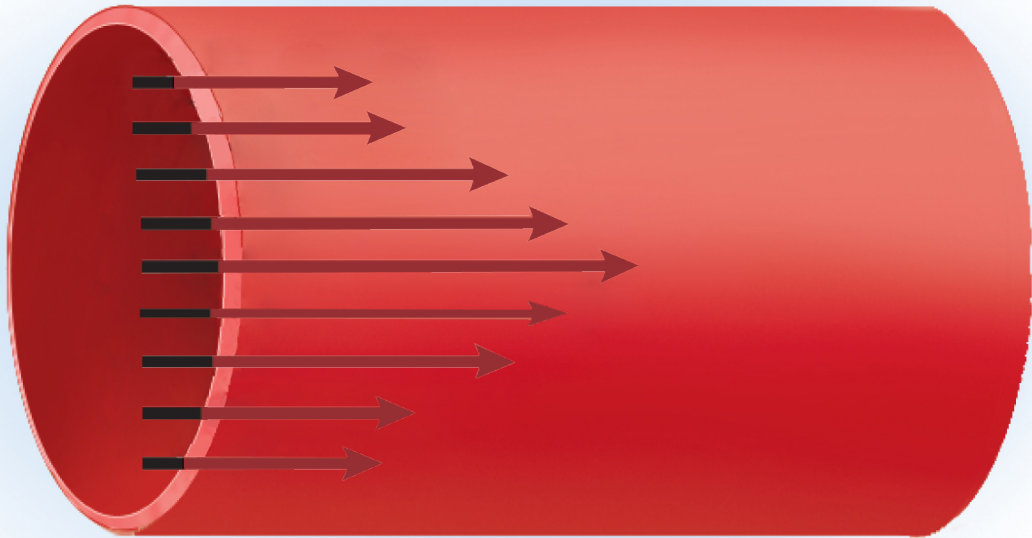
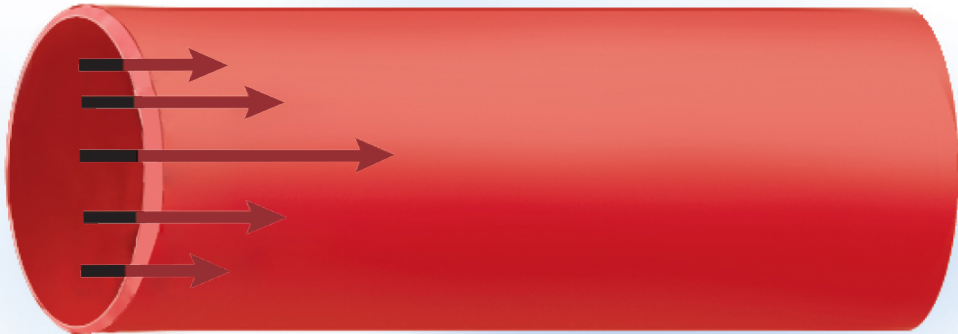


Fig. 20.11

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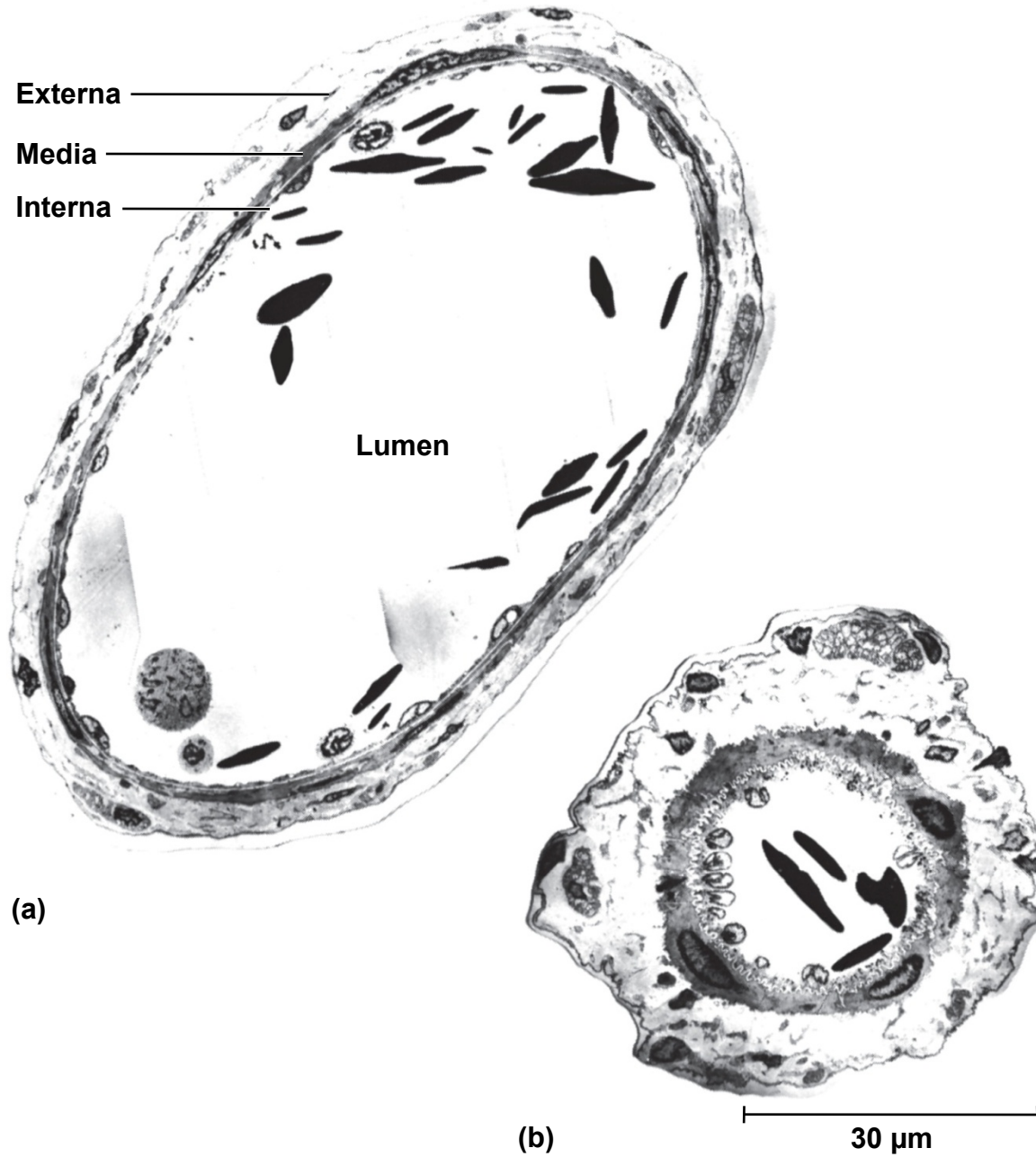
(a)



(b)

Fig. 20.12

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a,b: Phelps, P. C. and Luft, J. H. (1969), "Electron microscopical study of relaxation and constriction in frog arterioles." *Am. J. Anat.*, 1969/125: 399–427.
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Table 20.1

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TABLE 20.1		Blood Velocity in the Systemic Circuit	
Vessel	Typical Lumen Diameter	Velocity*	
Aorta	2.5 cm	1,200 mm/s	
Arterioles	20–50 μm	15 mm/s	
Capillaries	5–9 μm	0.4 mm/s	
Venules	20 μm	5 mm/s	
Inferior vena cava	3 cm	80 mm/s	

*Peak systolic velocity in the aorta; mean or steady velocity in other vessels, assuming no upstream vasoconstriction adding to resistance

Fig. 20.13

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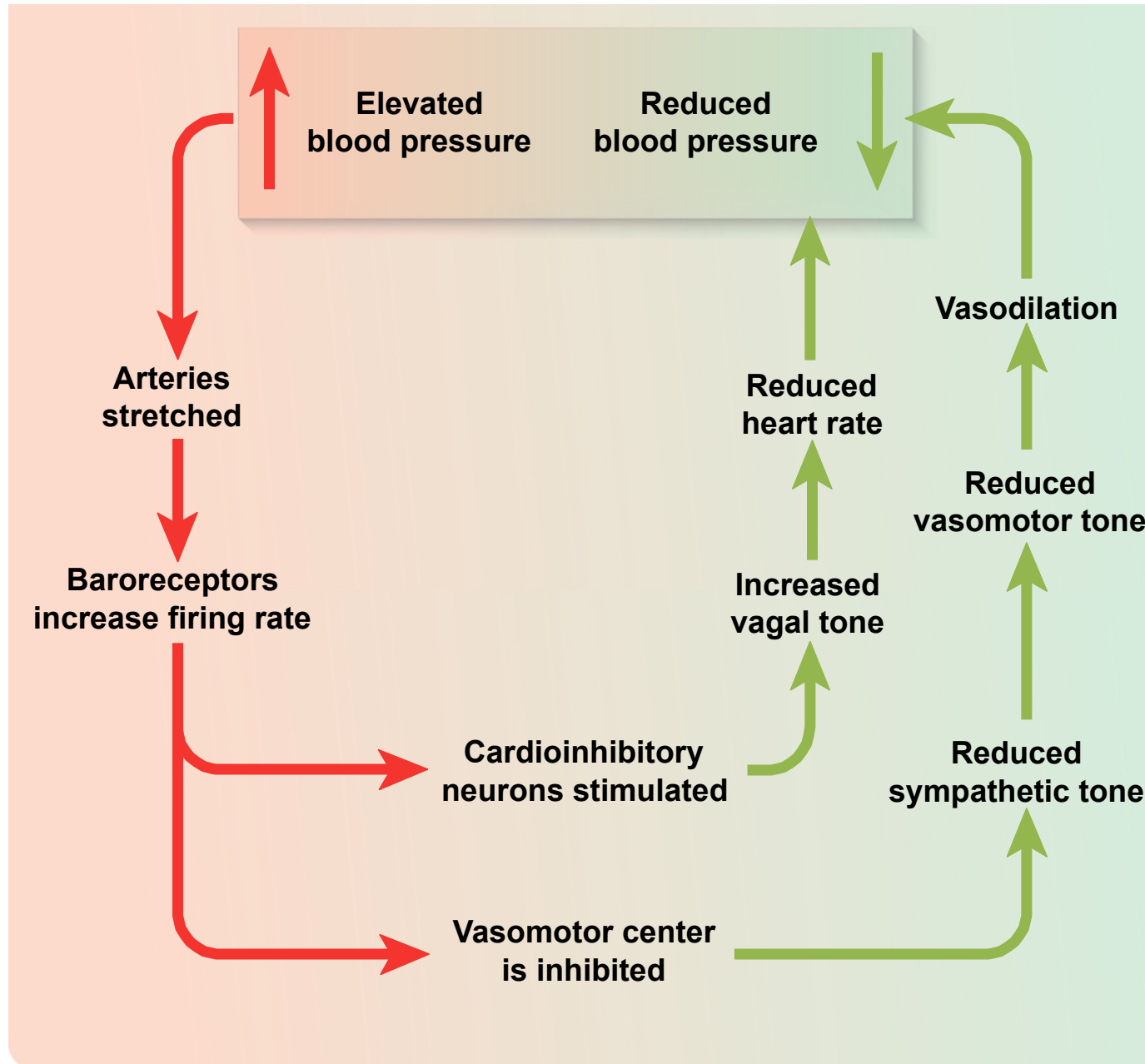


Fig. 20.14

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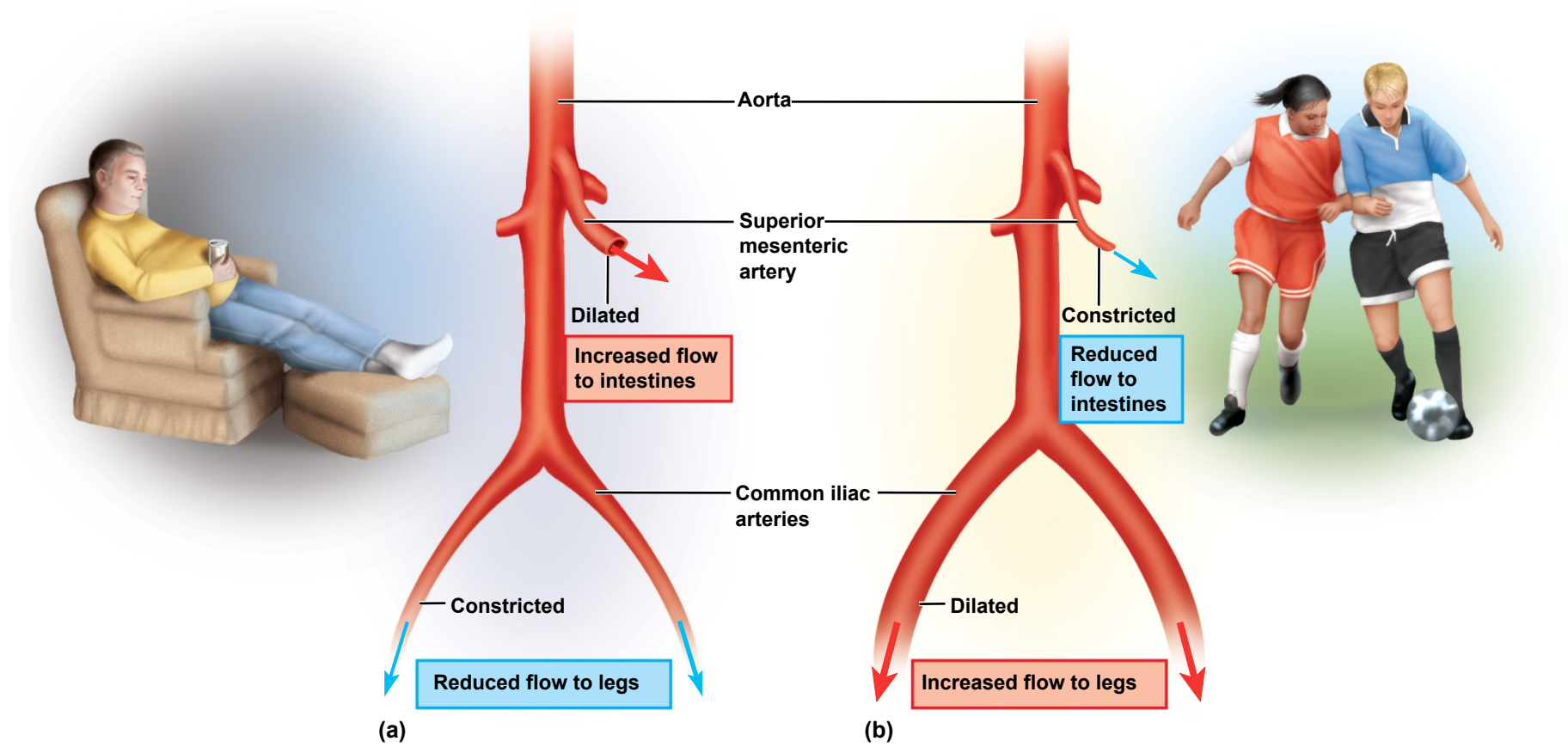


Fig. 20.15

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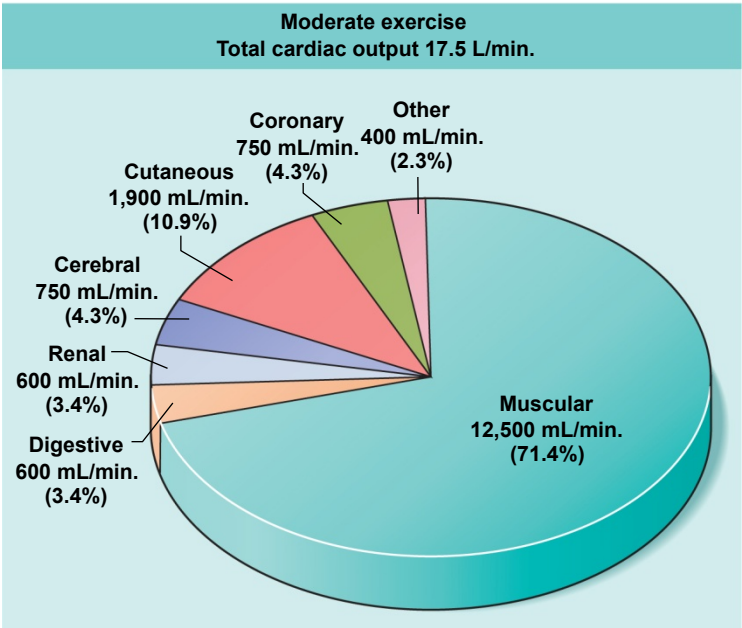
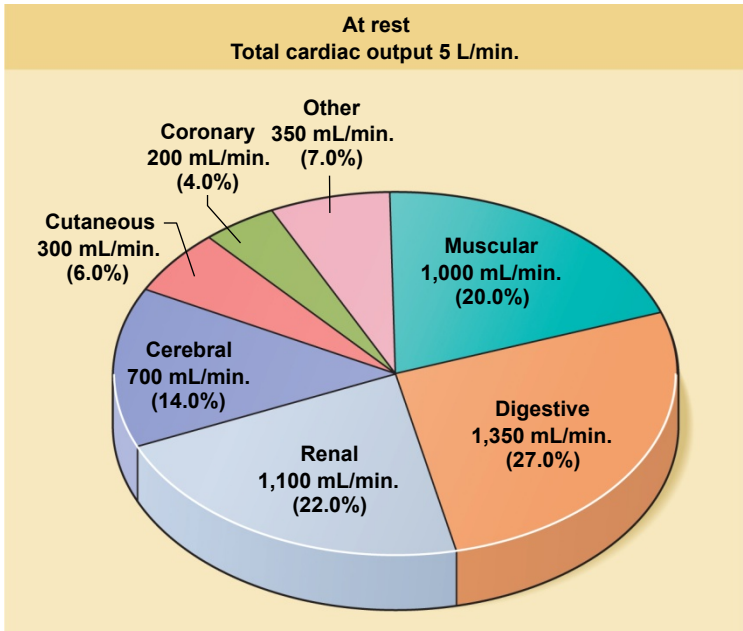
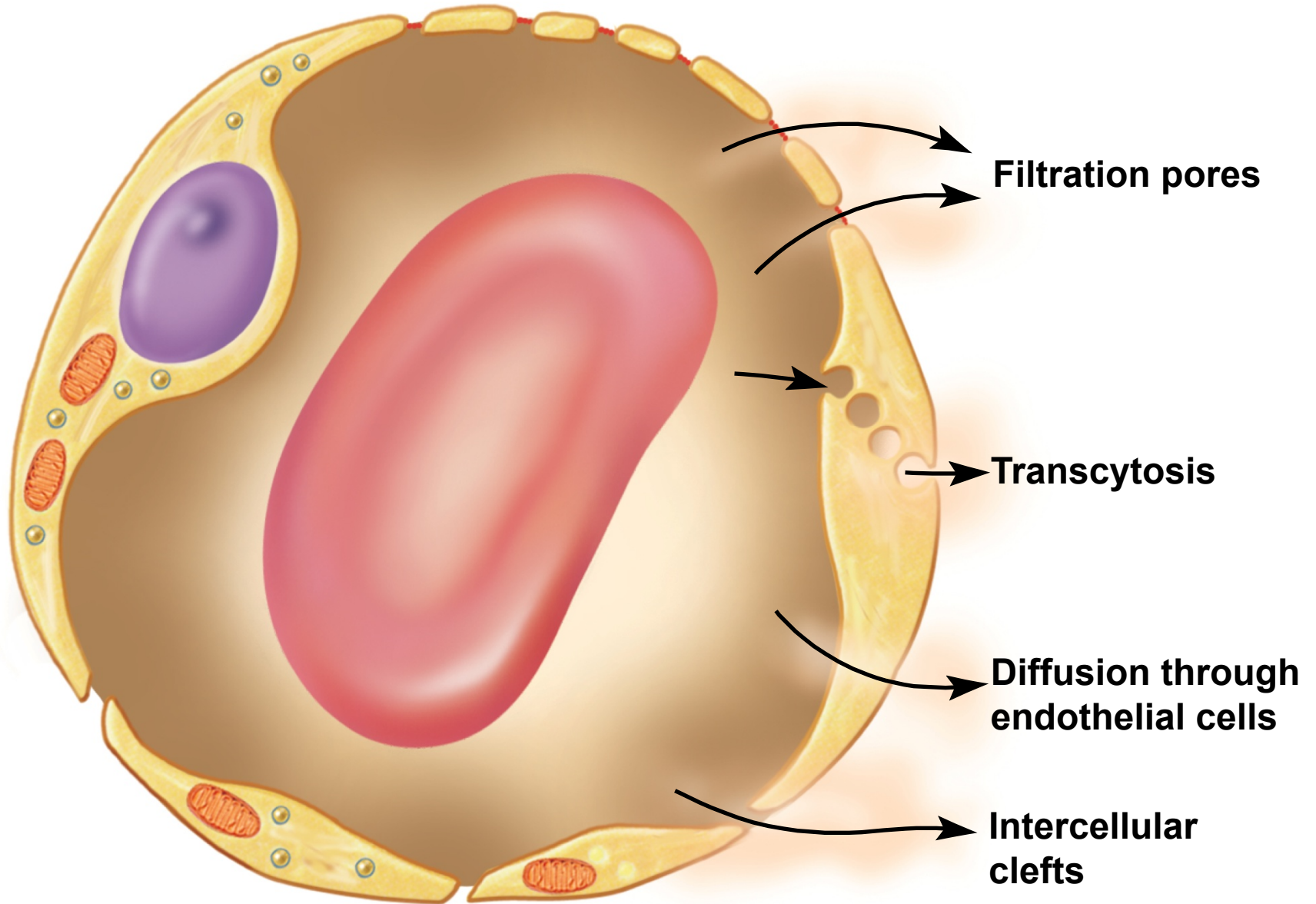


Fig. 20.16

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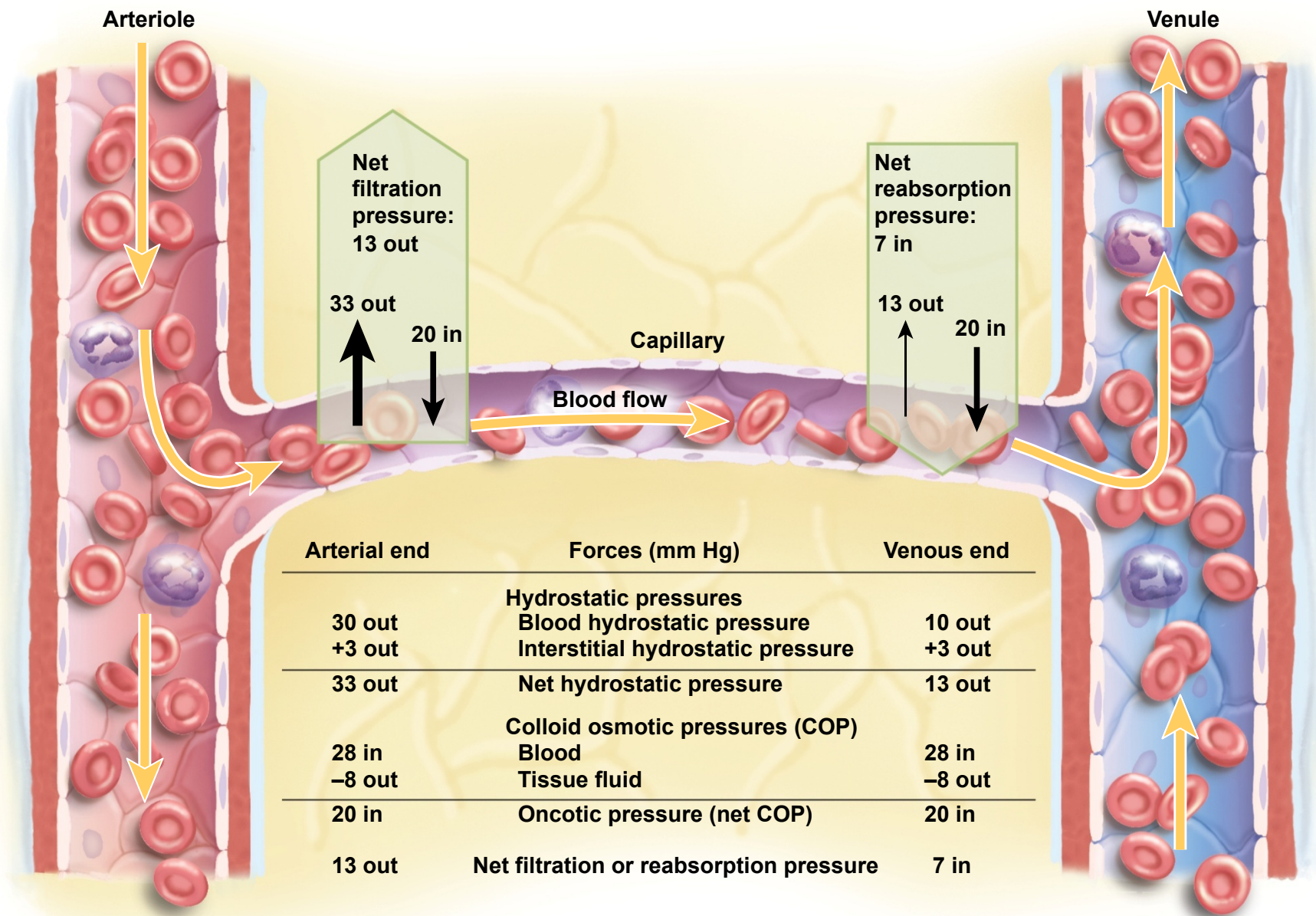


Fig. 20.19

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