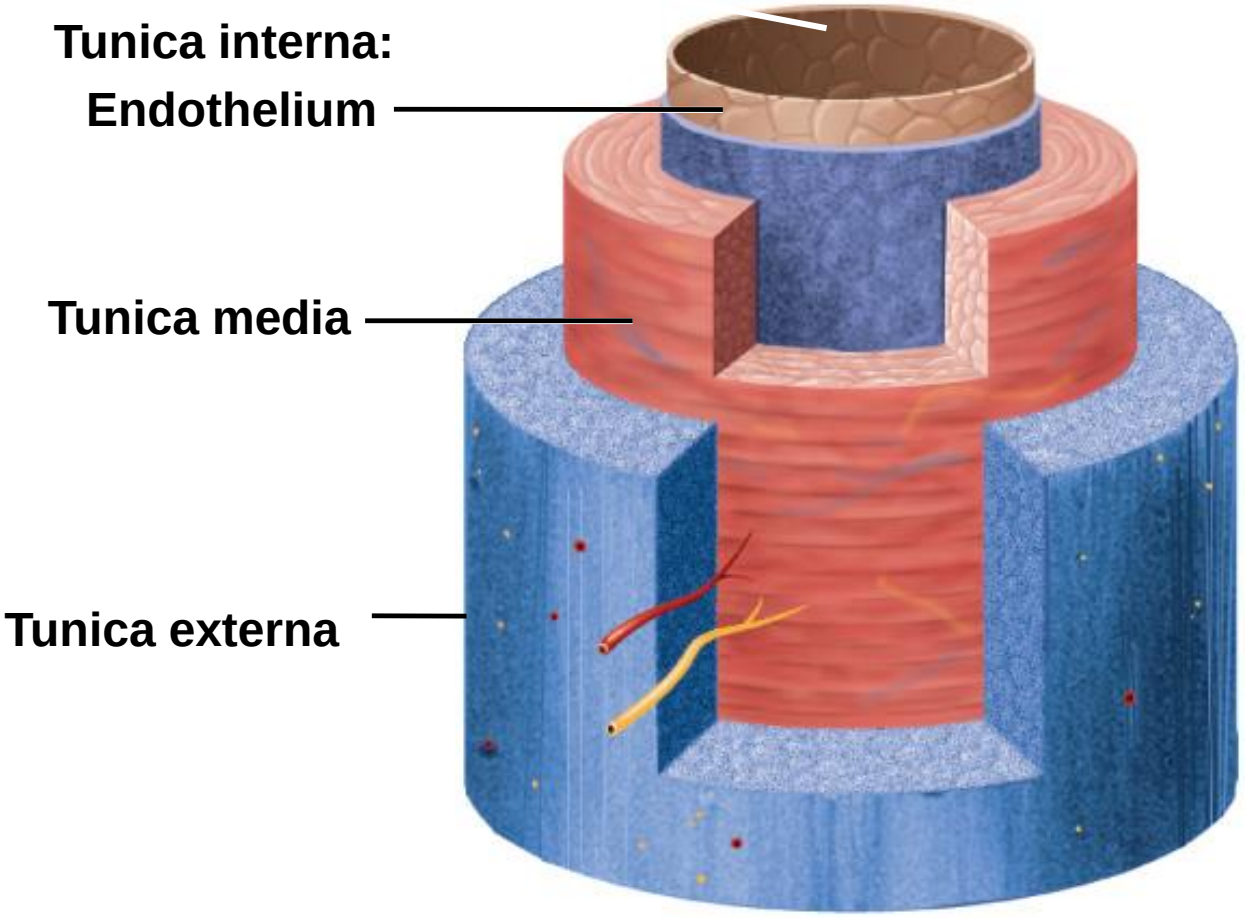
ST. CATHERINE UNIVERSITY

Blood Vessels

Vessel Wall

- Vessel Wall
  - Tunica interna
  - Tunica media
  - Tunica externa

Fig. 20.2a



Blood Vessel Types

- Arteries
- Capillaries
- Veins

Fig. 20.2

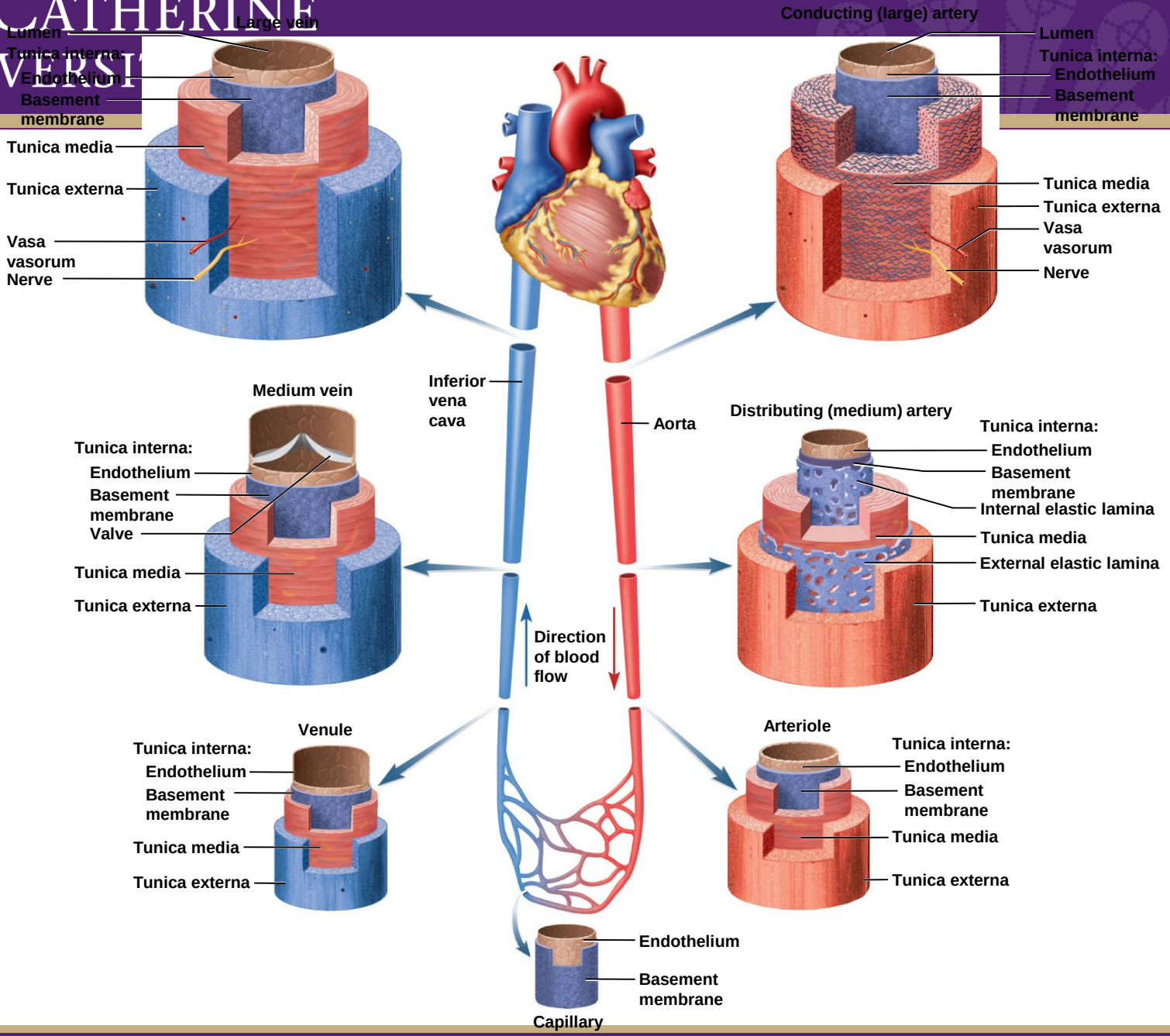
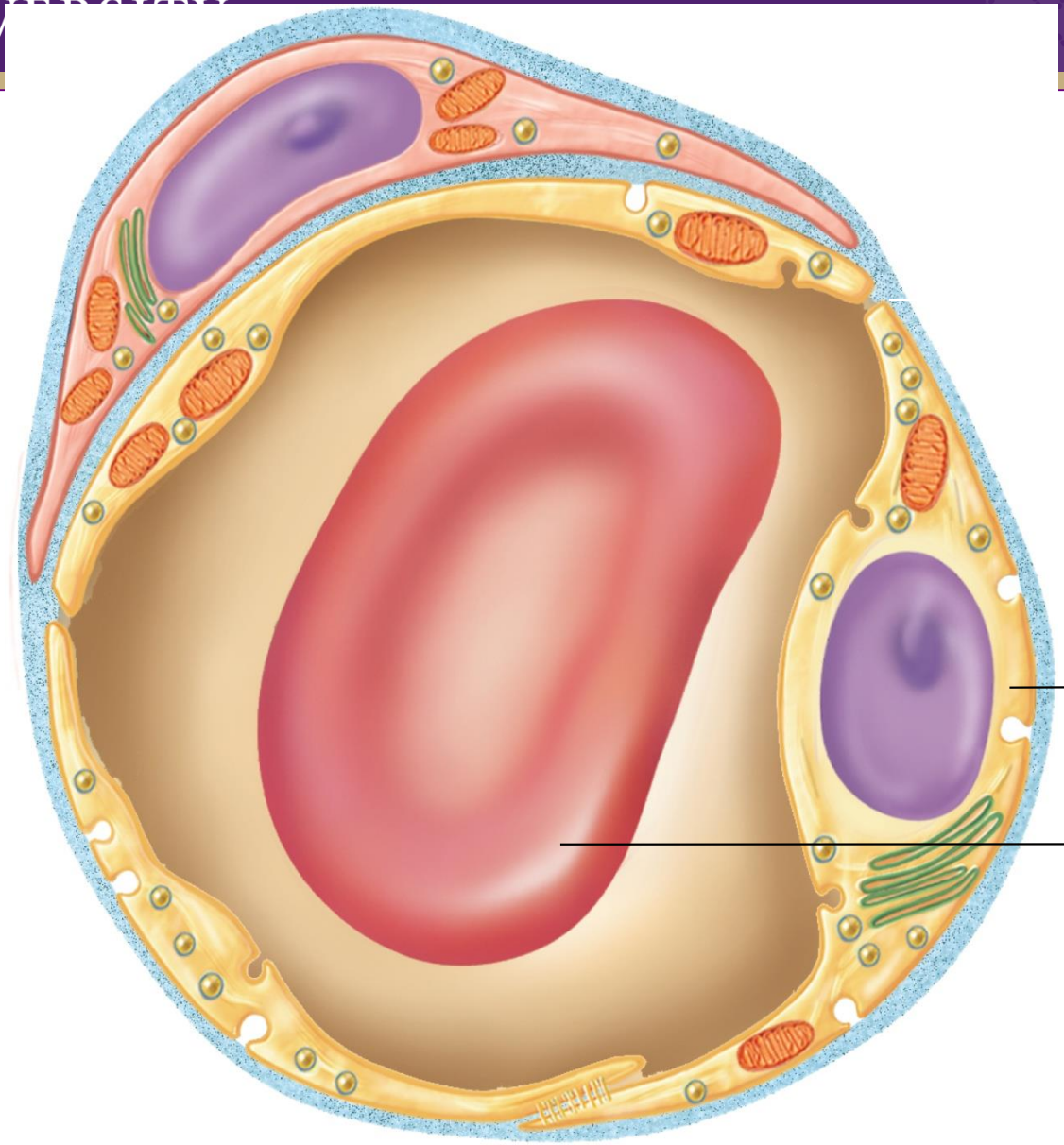


Fig. 20.5



Mechanisms of Venous Return

- Pressure gradient
- Gravity
- Skeletal muscle pump

Blood Pressure

- Force exerted on inner walls of vessels by blood
- Arterial pressure vs venous pressure
- Systolic pressure vs diastolic pressure