Capillary: smallest and most numerous of the blood vessels. Capillaries convey blood between arteries and veins. A typical capillary is $\frac{1}{32}$ inch or less in length and $\frac{1}{2500}$ inch in diameter (it's only slightly wider than a red blood cell). Capillaries enter tissue to form a capillary bed (the area where oxygen and other nutrients are released, and where waste matter passes into the blood. At any moment, only 5% of body's blood is traveling in capillaries, with 20% in arteries and 75% in veins.

Anatomy of Capillaries
1.) One layer of epithelial cells

- no valves, muscle, etc.

Capillaries
- Arteriole
- Artery
- Capillaries
- Vein
- Venule