

Types of capillaries :

There are three types of capillaries :

- ١ continuous capillaries found in the (muscle, brain, lung (
- ٢ discontinuous capillaries found in the (liver, bone marrow, spleen (
- ٣ fenestral capillaries found in the (kidney, endocrine gland, intestine .(

Veins :

Which are blood vessels carrying blood from all of the body to the heart .

Types of veins :

Divided into three types :

- ١ large vein : like vena cava .
- ٢ medium vein : like axillary vein .
- ٣ small vein and venule .

Structure of vena cava :

Consist from three layers :

- ١ tunica intima : are which consist of endothelium simple squamous epithelium support above basal lamina or basement membrane . another part sub endothelium consist from few dense connective tissues limited by internal elastic membrane .
- ٢ tunica media : consist from layer of smooth muscle , spindle shape and nucleus in the center between two layer found few elastic fiber and collagen fiber . absent of external elastic membrane .

tunica adventitia : form from dense connective tissue and contain bundle of smooth muscle

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