



## Introduction and Classification of Vein

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## DESCRIPTION

Tone, in mortal physiology, any of the vessels that, with four exceptions, carry oxygen-depleted blood to the right upper chamber (patio) of the heart. The four exceptions the pulmonary modes transport oxygenated blood from the lungs to the left upper chamber of the heart. The oxygen- depleted blood transported by utmost modes is collected from the networks of bitsy vessels called capillaries by thread-sized modes called venules.

As in the highways, the walls of modes have three layers, or fleeces an inner subcaste, or tunica intima; a middle subcaste, or tunica media; and an external subcaste, or tunica adventitia. Each fleece has a number of sublayers. The tunica intima differs from the inner subcaste of a roadway numerous modes, particularly in the arms and legs have faucets to help backflow of blood, and the elastic membrane lining the roadway is absent in the tone, which consists primarily of endothelium and spare connective towel. The tunica media, which in an roadway is composed of muscle and elastic fibres, is thinner in a tone and contains lower muscle and elastic towel, and proportionately further collagen fibres (collagen, a stringy protein, is the main supporting element in connective towel). The external subcaste (tunica adventitia) consists primarily of connective towel and is the thickest subcaste of the tone. As in highways, there are bitsy vessels called vasa vasorum that supply blood to the walls of the modes and other nanosecond vessels that carry blood down.

Modes are thin-walled structures inside of which a set of faucets keeps blood in the body flowing in one direction. The heart pumps oxygen-rich blood to the body's apkins through thickerwalled highways; the modes return that blood to the heart. Modes located near to the face of the skin are called superficial modes and the modes plant in the muscles of the arms and legs are called deep modes.

Damaged tone walls hamper the circulatory system, allowing blood to collect and flow in a retrograde (backward) fashion when the muscles relax. This creates an surprisingly high pressure buildup in the modes. This buildup causes further stretching and twisting of the modes, increased swelling, further stopcock incapacity, sluggish blood inflow and implicit blood clot conformation. Ultimately, this condition can lead to colorful diseases known as venous complaint.

Venous complaint is relatively common. Roughly 15 percent of the United States population is affected by swollen modes, which generally don't pose great health threat. Still, thrombophlebitis can be much more serious, indeed lifehanging, affecting millions of people each time. Modes are present throughout the body as tubes that carry blood back to the heart. Modes are classified in a number of ways, including superficialys deep, pulmonaryys systemic, and largeys small. Modes are translucent, so the color a tone appears from an organism's surface is determined in large part by the color of venous blood, which is generally dark red as a result of its low oxygen content. Modes appear blue because of the low oxygen position in the tone. The color of a tone can be affected by the characteristics of a person's skin, how important oxygen is being carried in the blood, and how big and deep the vessels are. When a tone is drained of blood and removed from an organism, it appears slate-white

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