

# Medical Terminology: The Body (Speedy Study Guides)

Speedy Study Guides		MEDICAL TERMINOLOGY: THE BODY	
Terms	Definitions	Terms	Definitions
active transport	the movement of solutes against a gradient and requires the expenditure of energy (usually ATP)	arteries	carry blood away from the heart
anatomy	the study of the structure and relationship between body parts	atom	the smallest quantity of an element that still possesses the characteristics of the element
antagonists; hormones	hormones that act to return body conditions to within acceptable limits from opposite extremes	ATP (adenosine triphosphate)	a chemical source of activation energy for metabolic reaction
antigen	any molecule, usually a protein or polysaccharide, that can be identified as foreign or nonself. It may be a toxin, or a part of the protein coat of a virus, or a molecule unique to the plasma membrane	atrium	the two upper chambers of the heart
appendicular skeleton	the bones that make up the limbs, basically your arms, legs, hands, and feet	autonomic nervous system (ANS)	controls the activities of organs, glands, and various involuntary muscles
arteries	carry blood away from the heart	axial skeleton	the bones that revolve around the vertical axis of the skeleton, basically the spine and skull
atom	the smallest quantity of an element that still possesses the characteristics of the element	basal bodies	at the base of each flagellum and cilium and appear to organize their development
ATP (adenosine triphosphate)	a chemical source of activation energy for metabolic reaction	belly	the part of the muscle between the origin and insertion
atrium	the two upper chambers of the heart	Boyle's law	describes the relationship between the pressure (P) and the volume (V) of a gas. The law states that if the volume increases, then the pressure must decrease (or vice versa)
autonomic nervous system (ANS)	controls the activities of organs, glands, and various involuntary muscles	capillaries	microscopic blood vessels with extremely thin walls
axial skeleton	the bones that revolve around the vertical axis of the skeleton, basically the spine and skull	carbohydrate	any of certain organic compounds, including the sugars, starches, and celluloses
basal bodies	at the base of each flagellum and cilium and appear to organize their development	cardiac cycle	describes all the activities of the heart through one complete heartbeat - that is, through one contraction and relaxation of both the atria and the ventricles
belly	the part of the muscle between the origin and insertion	cardiac muscle	responsible for the rhythmic contractions of the heart
Boyle's law	describes the relationship between the pressure (P) and the volume (V) of a gas. The law states that if the volume increases, then the pressure must decrease (or vice versa)	cardiac output (CO)	is the volume of blood pumped out of the right or left ventricle per minute. CO = SV x HR
capillaries	microscopic blood vessels with extremely thin walls	cardiovascular system	consists of the heart, blood vessels, and blood. This system transports nutrients, oxygen, and hormones to cells and removes metabolic waste. It protects the body and regulates body temperature
carbohydrate	any of certain organic compounds, including the sugars, starches, and celluloses	carotigen	an agent that promotes the development of cancer
cardiac cycle	describes all the activities of the heart through one complete heartbeat - that is, through one contraction and relaxation of both the atria and the ventricles	cardiovascular	having to do with the circulatory system (the heart and blood vessels)
cardiac muscle	responsible for the rhythmic contractions of the heart	carrier	a person who does not show symptoms or have active disease, but who carries an infectious organism and can transmit it to others
cardiac output (CO)	is the volume of blood pumped out of the right or left ventricle per minute. CO = SV x HR	cell	the basic unit of living organisms. A cell contains a nucleus and a cell wall (in plants) or a cell membrane (in animals) which surrounds the cellular material, called cytoplasm
cardiovascular system	consists of the heart, blood vessels, and blood. This system transports nutrients, oxygen, and hormones to cells and removes metabolic waste. It protects the body and regulates body temperature	chiropractic	a system of treatment based on manipulation of the spine
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## Reviews

*The publication is fantastic and great. It can be rally exciting throgh reading period of time. I am just very happy to inform you that this is the greatest publication i actually have read in my very own daily life and could be he very best ebook for at any time.*

*(Prof. Alvis Wuckert)*

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