

Milady Standard Esthetics - 2. Anatomy and Physiology

abduction - muscles that draw a body part, such as a finger, arm, or toe, away from the midline of the body or of an extremity. In the hand, abduction separates the fingers.

absorption - The transport of fully digested food into the circulatory system to feed the tissues and cells.

accessory nerve - also known as eleventh cranial nerve; a type of motor nerve that controls the motion of the neck and shoulder muscles

adduction - muscles that draw a body part, such as a finger, arm, or toe, inward toward the median axis of the body or of an extremity. In the hand, adduction draws the fingers together.

adenosine triphosphate (ATP) - transports chemical energy within cells for metabolism

adipose tissue - a specialized connective tissue considered fat, which gives smoothness and contour to the body and cushions and insulates the body

adrenal glands - glands that are located at the top of the kidneys assisting in the regulation of metabolism, stress response and blood pressure, and support of the immune system health through the generation of specific hormones

anatomy - the study of human body structure, how the body parts are organized, and the science of the structure of organisms or of their parts

aorta - the body's largest artery, the arterial trunk that carries blood from the heart to be distributed by branch arteries through the body

arteries - thick-walled muscular, flexible tubes that carry oxygenated blood from the heart to the capillaries throughout the body

arterioles - small arteries that deliver blood to capillaries

auricularis muscles - the three muscles of the ear that work together to move the ear upward, forward, or backward

auriculotemporal nerve - affects the external ear and skin above the temple, up to the top of the skull

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