

Sherwood Human Physiology 8th Edition

Accommodation (vertebrate eye) In this, distances vary for individuals from the far point—the maximum distance from the eye for which a clear image of an object can be seen, to the near point—the minimum distance for a clear image. doi:10. 1977). 1113/jphysiol. 1977 Accommodation is the process by which the vertebrate eye changes optical power to maintain a clear image or focus on an object as its distance varies. The Journal of Physiology. "The force of contraction of the human ciliary muscle during accommodation". 270 (1): 51–74 02bb9162ec

Human human biological variation in visible characteristics, physiology, disease susceptibility, mental abilities, body size, and life span. Humans have large brains, enabling more advanced cognitive skills that facilitate successful adaptation to varied environments, development of sophisticated tools, and formation of complex social structures and civilizations. Though humans vary Humans (Homo sapiens) or modern humans belong to the biological family of great apes, characterized by hairlessness, bipedality, and high intelligence 02bb9162ec

Humans are highly social, with individual humans tending to belong to a multi-layered network of distinct social groups – from families and peer groups to corporations and political states. As such, social interactions between humans have established a wide variety of values, social norms, languages, and traditions (collectively termed institutions), each of which bolsters human society. Humans are also highly curious:... 02bb9162ec In humans, the lower end of the uterus is a narrow part known as the isthmus that connects to the cervix, the anterior gateway leading to the vagina. The upper end, the body of the uterus, is connected to the fallopian tubes at the uterine horns; the rounded part, the fundus, is above the openings to the fallopian tubes. The connection... 02bb9162ec

List of medical textbooks Archived This is a list of medical textbooks, manuscripts, and reference works. Sherwood, Lauralee (January 2015). ISBN 9781305445512. the original on 2022-03-02. Retrieved 2022-03-02. Human Physiology: From Cells to Systems 02bb9162ec

Vagina Human Physiology: An Integrated Approach (6th ed. The vagina allows for copulation and birth. : vaginas or vaginae) is the elastic, muscular reproductive organ of the female genital tract. In humans, it extends from the vulval vestibule to the cervix (neck of the uterus). Human Physiology: In mammals and other animals, the vagina (pl. 850–890.). The vaginal introitus is normally partly covered by a thin layer of mucosal tissue called the hymen. pp. It also channels menstrual flow, which occurs in humans and closely related primates as part of the menstrual cycle. Glenview, IL: Pearson Education. ISBN 978-0-321-75007-5. Sherwood L (2013) 02bb9162ec

Rib Larsen, William (2001). In some animals, especially snakes, ribs may provide support and protection for the entire body. In most tetrapods, ribs surround the thoracic cavity, enabling the lungs to expand and thus facilitate breathing by expanding the thoracic cavity. (2010). Anatomy and Physiology: The Unity of Form and Function (5th ed. New York, NY: McGraw-Hill. They serve to protect the lungs, heart, and other vital organs of the thorax.) In vertebrate anatomy, ribs (Latin: costae) are the long curved bones which form the rib cage, part of the axial skeleton. Human embryology (3rd ed.) 02bb9162ec

The relaxin family peptide hormones belong to the insulin superfamily and consists of seven peptides of high structural but low sequence similarity; relaxin-1 (RLN1), 2 (RLN2) and 3 (RLN3), and the insulin-like (INSL) peptides, INSL3, INSL4, INSL5 and INSL6. The functions of relaxin-3, INSL4, INSL5, and INSL6 remain uncharacterised. 02bb9162ec The network of blood vessels are the great vessels of the heart including large elastic arteries, and large veins; other arteries, smaller arterioles, capillaries that join with venules (small veins), and other veins. The circulatory system is closed... 02bb9162ec

Bile Potter, Patrica (2013). Retrieved 2017-03-31. p. After a human eats, this stored bile is discharged into the first section of the small intestine, known as the duodenum. Fundamentals of Nursing, 8th edition. Elsevier, Inc. A. Dickinson, Eric; Leser Bile (from Latin bilis), also known as gall, is a yellow-green fluid produced by the liver of most vertebrates that aids the digestion of lipids in the small intestine. In humans, bile is primarily composed of water, is produced continuously by the liver, and is stored and concentrated in the gallbladder. 1000. ISBN 978-0-323-07933-4 02bb9162ec

Accommodation usually acts like a reflex, including part of the accommodation-convergence reflex, but it can also be consciously controlled. 02bb9162ec

Biochemistry A sub-discipline of both chemistry and biology, biochemistry may be divided into three fields: structural biology, enzymology, and metabolism. Cengage Learning Biochemistry, or biological chemistry, is the study of chemical processes within and relating to living organisms. Retrieved 2020-06-05. (2012). Animal Physiology: From Genes to Organisms. Almost all areas of the life sciences are being uncovered and developed through biochemical methodology and research. 2023-10-28. Biochemistry focuses on understanding the chemical basis that allows biological molecules to give rise to the processes that occur within living cells and between cells, in turn relating greatly to the understanding of tissues and organs as well as organism structure and function. Sherwood, Lauralee; Klandorf, Hillar; Yancey, Paul H. Over the last decades of the 20th century, biochemistry has become successful at explaining living processes through these three disciplines 02bb9162ec

Uterus Eve: How the Female Body Drove 200 Million Years of Human Evolution. Clinical Anatomy by regions, 8th edition Bohannon, Cat (October 3, 2024). The uterus is a hormone-responsive sex organ that contains glands in its lining that secrete uterine milk for embryonic nourishment. Penguin Random The uterus (from Latin uterus, pl. (The term uterus is also applied to analogous structures in some non-mammalian animals. : uteri or uterus) or womb () is the organ in the reproductive system of most female mammals, including humans, that accommodates the embryonic and fetal development of one or more fertilized eggs until birth.) 02bb9162ec

Changing the shape of the cornea. 02bb9162ec Changing the position of the lens relative to the retina. 02bb9162ec

Relaxin com. "Creasy and Resnik's Maternal-Fetal Medicine: Principles and Practice 8th Edition". elsevier. Retrieved 2022-09-29. www. "Pregnancy and Lactation - - Relaxin is a protein hormone of about 6000 Da, first described in 1926 by Frederick Hisaw 02bb9162ec

To accommodate smoother penetration of the vagina during sexual intercourse or other sexual activity, vaginal moisture increases during sexual arousal in human females and other female mammals. This increase in moisture provides vaginal lubrication, which reduces friction. The texture of the vaginal walls creates... 02bb9162ec

Circulatory system The circulatory system has two divisions, a systemic circulation or circuit, and a pulmonary circulation or circuit. In vertebrates, the circulatory system is a system of organs that includes the heart, blood vessels, and blood which is circulated throughout the body. pp. Sherwood, Lauralee (2011). It includes the cardiovascular system, or vascular system, that consists of the heart and blood vessels (from Greek kardia meaning heart, and Latin vascula meaning vessels). Archived from the original on 29 January 2022. Human Physiology: From Cells to Systems. Cengage Learning. 401-. Some sources use the terms cardiovascular system and vascular system interchangeably with circulatory system. 2019 02bb9162ec

The main ways animals may change focus are: 02bb9162ec Changing the shape of the lens. 02bb9162ec Changing the axial length of the eyeball. 02bb9162ec

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