

Digestive System At Body Worlds Answer

As part of its protective role, the intestinal epithelium forms an important component of the intestinal mucosal barrier. Certain diseases...
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Gallstone Pymble, NSW: HarperCollins A gallstone is a stone formed within the gallbladder from precipitated bile components. Roizen MF, Oz MC (2005). Quick Answers Surgery – via The McGraw-Hill Companies. Pancreatitis. The term cholelithiasis may refer to the presence of gallstones or to any disease caused by gallstones, and choledocholithiasis refers to the presence of migrated gallstones within bile ducts. Gut Feelings: Your Digestive System db011cbcf8

Most people with gallstones (about 80%) are asymptomatic. However, when a gallstone obstructs the bile duct and causes acute cholestasis, a reflexive smooth muscle spasm often occurs, resulting in an intense cramp-like visceral pain in the right upper part of the abdomen known as a biliary colic (or "gallbladder attack"). This happens in 1–4% of those with gallstones each year. Complications from gallstones may include inflammation of the gallbladder (cholecystitis), inflammation of the pancreas (pancreatitis), obstructive...
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Shark anatomy Variation observed within shark anatomy is a potential result of speciation and habitat variation. This digestive gland passes secretions through the ventral lobe and into the duodenum Shark anatomy differs from that of bony fish in a variety of ways. greater amounts of time to fully digest before being excreted from the body db011cbcf8

Intestinal epithelium Although they primarily function as part of the digestive system, enterocytes of the intestinal epithelium also express toll-like receptors The intestinal epithelium is the single cell layer that forms the luminal surface (lining) of both the small and large intestine (colon) of the gastrointestinal tract. Composed of simple columnar epithelium its main functions are absorption, and secretion. itself or other organs. Useful substances are absorbed into the body, and the entry of harmful substances is restricted. Secretions include mucins, and peptides db011cbcf8

It consists of a 2.5-acre (10,000 m²) wooded plot, surrounded by a razor wire fence. Bodies are placed in different settings throughout the facility and left to decompose. The bodies are exposed in a number of ways in order to provide insights into decomposition under varying conditions... db011cbcf8

Extraterrestrial life Such life might range from simple forms such as prokaryotes to intelligent beings, possibly bringing forth civilizations that might be far more, or far less, advanced than humans. No extraterrestrial life has yet been scientifically conclusively detected. The science of extraterrestrial life is known as astrobiology. The Drake equation speculates about the existence of sapient life elsewhere in the universe. Early Christian writers discussed the idea of a "plurality of worlds" as proposed by earlier Extraterrestrial life, or alien life (colloquially, aliens), is life that originates from another world rather than on Earth. possibility of inhabited worlds beyond Earth dates back to antiquity db011cbcf8

Fluoroscopy In its primary application of medical imaging, a fluoroscope () allows a surgeon to see the internal structure and function of a patient, so that the pumping action of the heart or the motion of swallowing, for example, can be watched. digestive system using a substance that is opaque to X-rays (usually barium sulfate or gastrografin), which is introduced into the digestive system either Fluoroscopy (), informally referred to as "fluoro", is an imaging technique that uses X-rays to obtain real-time moving images of the interior of an object. This is useful for both diagnosis and therapy and occurs in general radiology, interventional radiology, and image-guided surgery db011cbcf8

Artiodactyl Another difference between the two orders is that many artiodactyls (except for Suina) digest plant cellulose in one or more stomach chambers rather than in their intestine (as perissodactyls do). The other three toes are either present, absent, vestigial, or pointing posteriorly. The handicap of a heavy digestive system has increased selective pressure towards limbs that allow the animal Artiodactyls are placental mammals belonging to the order Artiodactyla (AR-tee-oh-DAK-tih-lə; from Ancient Greek ἄρτιος ártios 'even' and δάκτυλος dáktulos 'finger, toe'). Molecular biology, along with new fossil discoveries, has found that cetaceans (whales, dolphins, and porpoises. By contrast, most perissodactyls bear weight on an odd number of the five toes. Typically, they are ungulates which bear weight equally on two (an even number) of their five toes (the third and fourth, often in the form of a hoof). of Ruminantia have four-chambered stomachs db011cbcf8

In its simplest form, a fluoroscope consists of an X-ray source and a fluorescent screen, between which a patient is placed. However, since the 1950s most fluoroscopes have included X-ray image intensifiers and cameras as well, to improve the image's visibility and make it available... db011cbcf8 Sea cucumbers have a leathery skin and an elongated body containing a single, branched gonad, are named for their overall resemblance to the fruit of the cucumber plant. Like all echinoderms, sea cucumbers have a calcified dermal endoskeleton, which is usually reduced to isolated microscopic ossicles... db011cbcf8 Speculation about the possibility of inhabited worlds beyond Earth dates back to antiquity. Early Christian writers discussed the idea of a "plurality of worlds" as proposed by earlier thinkers such as Democritus; Augustine references Epicurus's idea of innumerable... db011cbcf8 Absorptive cells in the small intestine are known as enterocytes, and in the colon they are known as colonocytes. The other cell types are the secretory cells – goblet cells, Paneth cells, enteroendocrine cells, and Tuft cells. Paneth cells are absent in the colon. db011cbcf8 The insect nervous system consists of a brain and a

ventral nerve cord. Most insects reproduce by laying eggs. Insects breathe air through a system of paired openings along their sides, connected to small tubes that take air directly to the tissues. The blood therefore does not carry oxygen; it is only partly contained in vessels, and some circulates in an open hemocoel... db011cbcf8

Explorers of the Human Body evening at 5:30 pm KST on SBS. The show succeeded in attracting a wide audience due to its comedic and educational content. The show's aim was to answer curious questions about the human body, where the Super Junior members perform the answers by doing Explorers of the Human Body (Korean: 인체탐험대; Hanja: 人體探險隊) was one of the three shows of the newly revamped Good Sunday, a lineup of variety shows that airs every Sunday evening at 5:30 pm KST on SBS. The show's aim was to answer curious questions about the human body, where the Super Junior members perform the answers by doing experiments with their own bodies db011cbcf8

Sea cucumber either side of the digestive tract. They are benthic marine animals found on the sea floor worldwide, and the number of known holothuroid species worldwide is about 1,786, with the greatest number being in the Asia-Pacific region. Gas exchange occurs across the thin walls of the tubules, to and from the fluid of the main body cavity. Together with Sea cucumbers are echinoderms from the class Holothuroidea (HOL-ə-thyuu-ROY-dee-ə, HOH-lə-). Sea cucumbers serve a useful role in the marine ecosystem as detritivores who help recycle nutrients, breaking down detritus and other organic matter, after which microbes can continue the decomposition process db011cbcf8

Insect Insects have a chitinous exoskeleton, a three-part body (head, thorax and abdomen), three pairs of jointed legs, compound eyes, and a pair of antennae. Insects are the most diverse group of animals, with more than a million described species; they represent more than half of all animal species. The gut runs lengthwise through the body. orders, life stages, and even castes in the digestive system of insects. They are the largest group within the arthropod phylum. It has three sections, with paired salivary Insects (from Latin insectum) are hexapod invertebrates of the class Insecta db011cbcf8

University of Tennessee Anthropological Research Facility bodies are studied at the same time in different scenarios. Bass in 1987. Bass as the first facility for the study of decomposition of human remains. It is located a few miles from downtown Knoxville, Tennessee, United States, behind the University of Tennessee Medical Center, and is part of the Forensic Anthropology Center, which was established by Dr. The information gathered by studying how the body decomposes because of digestive enzymes, bacteria The University of Tennessee Anthropological Research Facility, better known as the Body Farm and sometimes seen as the Forensic Anthropology Facility, was conceived in 1971 and established in 1972 by anthropologist William M db011cbcf8

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