

Patho Flashcards PDF

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What is the definition of pathology?

Pathology is the study of the nature of disease and its causes, processes, development, and consequences.

What are the four main types of tissue in the human body?

The four main types of tissue are epithelial, connective, muscle, and nervous tissue.

What is the difference between acute and chronic diseases?

Acute diseases are characterized by sudden onset and short duration, while chronic diseases develop slowly and last for a long time, often for the rest of a person's life.

What is the role of inflammation in the body?

Inflammation is a protective response that involves immune cells, blood vessels, and molecular mediators, aimed at eliminating the initial cause of cell injury and clearing out damaged cells.

What are the common signs of inflammation?

The common signs of inflammation are redness, heat, swelling, pain, and loss of function.

What is necrosis?

Necrosis is the premature death of cells and living tissue, often due to injury, infection, or lack of blood flow.

What is apoptosis?

Apoptosis is a form of programmed cell death that occurs in multicellular organisms, allowing for the removal of unwanted or damaged cells.

What is the significance of tumor markers?

Tumor markers are substances produced by cancer cells or by the body in response to cancer, and they can be used to help diagnose cancer, monitor treatment, and check for recurrence.

What are the characteristics of benign tumors?

Benign tumors are non-cancerous, grow slowly, do not invade surrounding tissues, and do not metastasize.

What are the characteristics of malignant tumors?

Malignant tumors are cancerous, grow rapidly, invade surrounding tissues, and can metastasize to other parts of the body.