

What is the primary function of bone marrow

- A. Protection of organs
- B. Storage of fat
- C. Production of blood cells
- D. Regulation of body temperature

What are the two main types of bone marrow

- A. Big and small
- B. Hard and soft
- C. Red and yellow
- D. Front and back

Where is red bone marrow primarily located in adults

- A. Sternum and scapula
- B. Femur and humerus
- C. Skull and ribs
- D. Pelvis and vertebrae

What is the main function of red bone marrow

- A. Production of red blood cells
- B. Regulation of body temperature
- C. Storage of calcium
- D. Digestion of food

What is the main function of yellow bone marrow

- A. Muscle attachment

- B. Fat storage
- C. Blood cell production
- D. Mineral storage

What type of cells are produced in the bone marrow

- A. Skin cells
- B. Muscle cells
- C. Blood cells
- D. Brain cells

What is the process called when stem cells in the bone marrow develop into different

- A. Hematocrit
- B. Blood cell transformation
- C. Cell division
- D. Hematopoiesis

What is the medical term for a low count of red blood cells

- A. Hemophilia
- B. Anemia
- C. Thrombocytopenia
- D. Leukopenia

What is the medical term for a low count of white blood cells

- A. Lymphopenia
- B. Neutropenia
- C. Leukopenia
- D. Thrombocytopenia

What is the medical term for a low count of platelets

- A. Thrombocytopenia
- B. Leukopenia
- C. Anemia
- D. Hypertension

What is the name of the procedure where bone marrow is extracted for testing or tra

- A. Marrow removal operation
- B. Bone biopsy procedure
- C. Bone marrow extraction surgery
- D. Bone marrow aspiration

What is the average amount of bone marrow in an adult human body

- A. 1 kg
- B. 2.6 kg
- C. 10 kg
- D. 5 kg

What is the medical term for cancer of the bone marrow

- A. Multiple myeloma
- B. Leukemia
- C. Osteosarcoma
- D. Lymphoma

Which type of bone marrow can be converted to red bone marrow in cases of severe

- A. Spongy bone marrow

- B. White bone marrow
- C. Compact bone marrow
- D. Yellow bone marrow

What are some common symptoms of bone marrow disorders

- A. Nausea, vomiting, diarrhea
- B. Fatigue, weakness, pale skin
- C. Fever, cough, sore throat
- D. Joint pain, muscle aches, headache

What is the main difference between red and yellow bone marrow

- A. Red bone marrow is found in the arms, yellow bone marrow is found in the legs.
- B. Red bone marrow is soft, yellow bone marrow is hard.
- C. Red bone marrow is found in children, yellow bone marrow is found in adults.
- D. Red bone marrow produces blood cells, yellow bone marrow stores fat.

What is the primary source of nutrition for bone marrow cells

- A. Sunlight
- B. Water
- C. Protein intake
- D. Oxygen and nutrients from blood

What is the main function of the stromal cells in the bone marrow

- A. Vision
- B. Support and nourishment for hematopoietic stem cells
- C. Muscle contraction
- D. Blood clotting

What is the medical term for the production of new blood cells in the bone marrow

- A. Hemostasis
- B. Thrombopoiesis
- C. Hematopoiesis
- D. Osteogenesis

What is the main risk associated with bone marrow transplants

- A. Chemotherapy side effects
- B. Organ rejection
- C. Graft-versus-host disease
- D. Infection

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