

# Classification of Bone

# Skeleton system

**Bone**

**Cartilage**

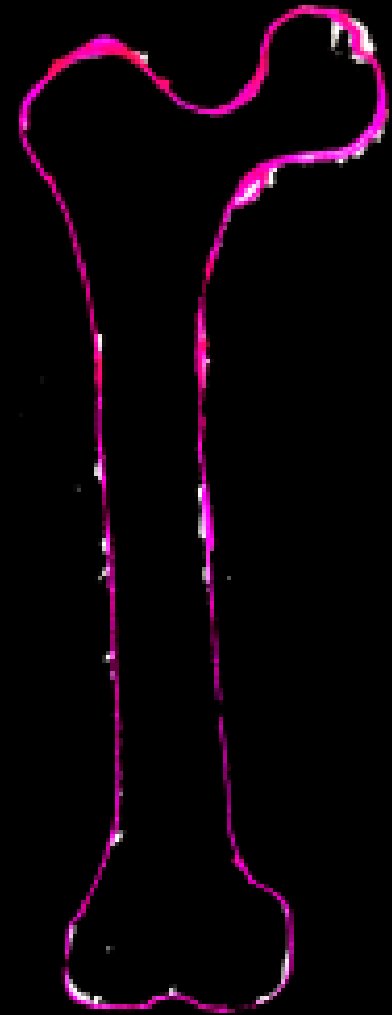
## **Function of bone**

- **Give shape and support.**
- **Surface Attachment**
- **Skull    Vertebrae    Thorax**
- **Blood Cell Manufacture**
- **97% Calcium and phosphorus**

# \*According to Shape

## 1. Long Bone

- Typical Long Bone
- Modified Long Bone
- short Long Bone



## **2.Short Bone**

**Carpal Bone**

**Tarsal Bone**

### 3. Flat Bone



## 4. Ir-regular Bone



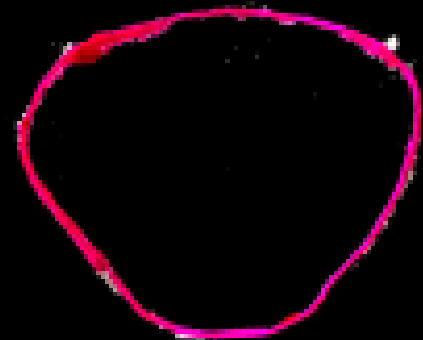
## **S.Pneumatic Bone**

**- Skull And Face Bone**



## 6. Sesamoid Bone

- minimize Friction
- Maintain Direction while pull muscle



## **\*According To Development**

### **1. Membrane Bone**

**- Skull Bone ,Face Bone**

### **2. Cartilage Bone**

**- Limb**

**- Vertebrae**

### **3. Membrano- Cartilage Bone**

**- Clavicle**

**- Mandible**

**- Sphenoid**

**\*According To Development**

**4.Visceral Bone**

**- Development from pharyngeal arch**

**\*According to Region**

**1. Axial Skeleton**

**2. Appendicular Skeleton**

**\*According to Structural Classification**

**Macro - scopically**

**Micro- scopically**

**\*According to Structural Classification**

**Macro - scopically**



**\*According to Structural Classification  
Micro- scopically**

**1.Lamellar Bone**

**2.Woven Bone**

**3.Fibrous Bone**

**4.Dentine**

**5.Cement**

# Bone Various Parts

