

# THE HUMAN MOVEMENT

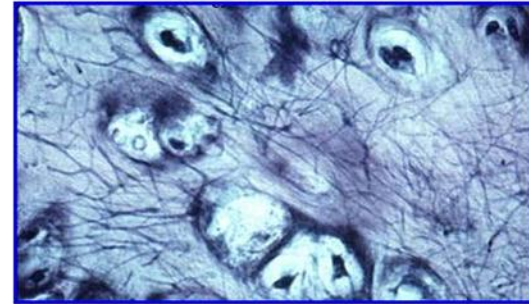
# Students can explain, describe, explain and analysis:

- What kind of the bone at the human body ?
- What kind of hinge or joint at human body ?
- What kind of muscle at human body ?
- What kind of disorder at the human movement ?

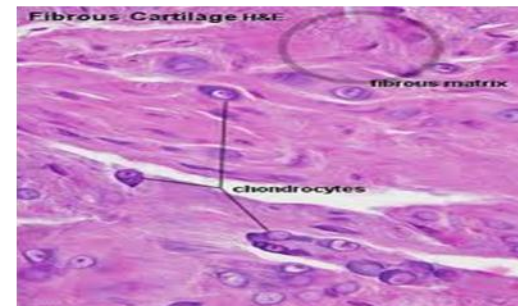
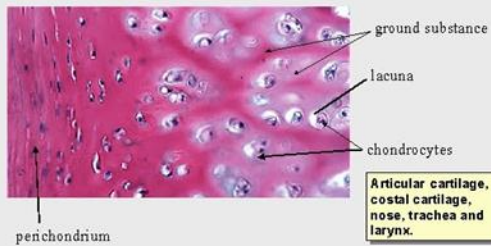
# BONE

Mention the kind of bone that  
you have learned !

# Sensitive bone



Hyaline Cartilage

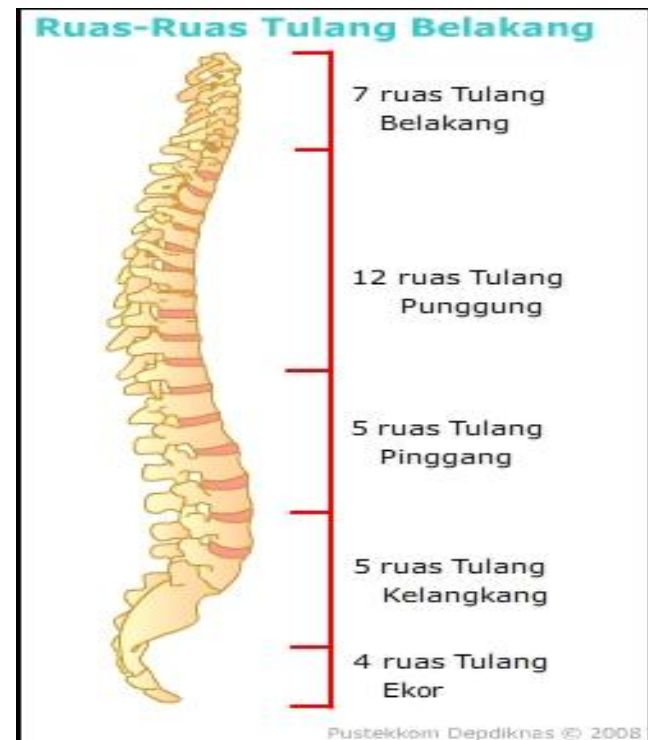
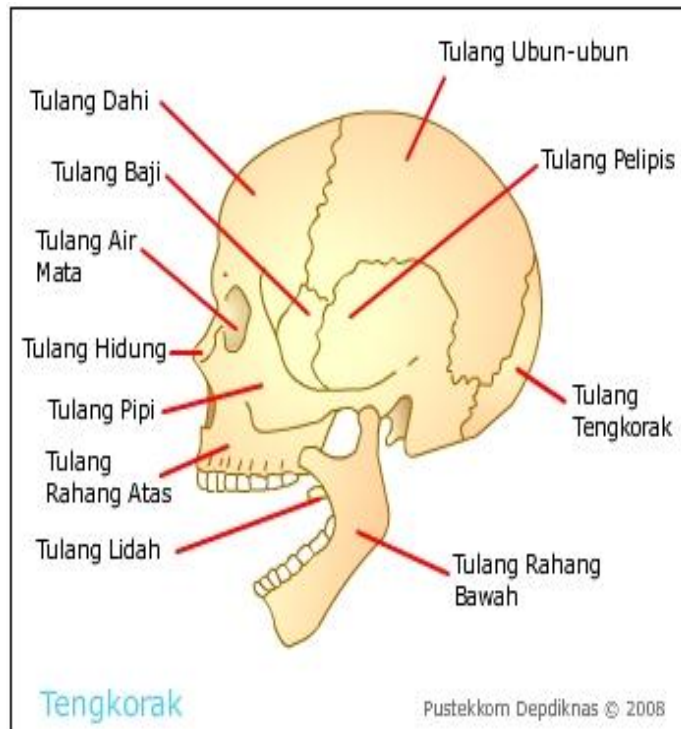


# Bone shape

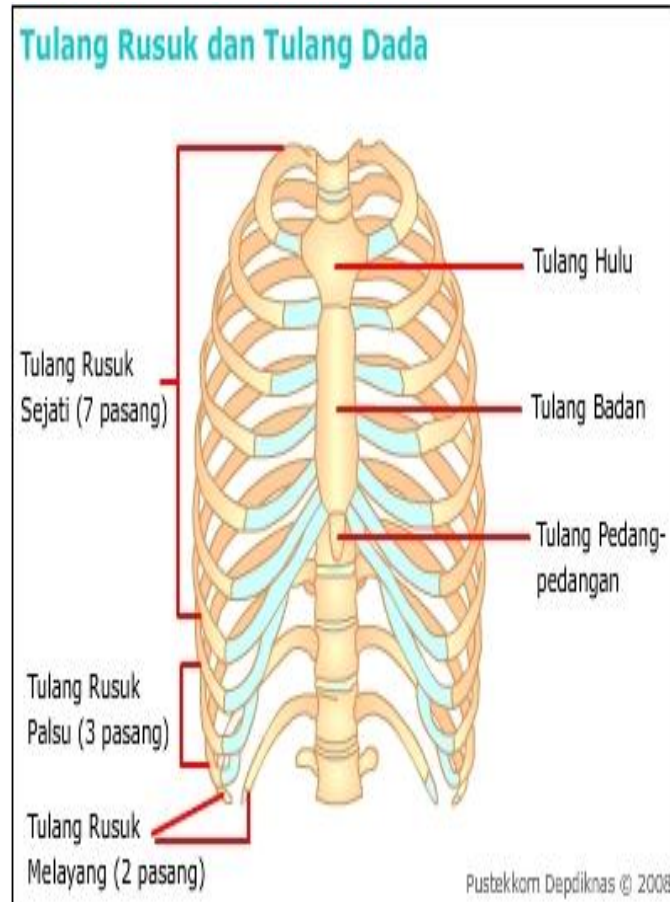


# The arrangement of the skeleton

- Tulang Tengkorak
- Tulang Anggota Badan



- Tulang rusuk (12 pasang)



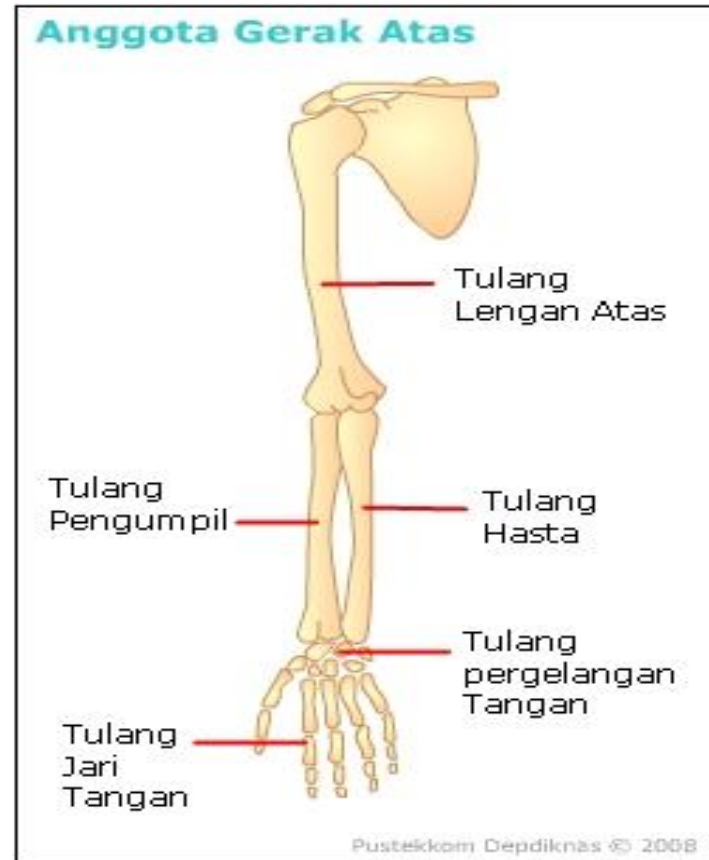
- Tulang dada
- Gelang bahu



- Gelang panggul



- . Tulang Anggota Gerak





- Anggota gerak bawah (kaki kiri dan kanan)



# Hubungan Antar Tulang

## 1. Sinartrosis

tidak memiliki celah sendi.

## 2. Amfiartrosis

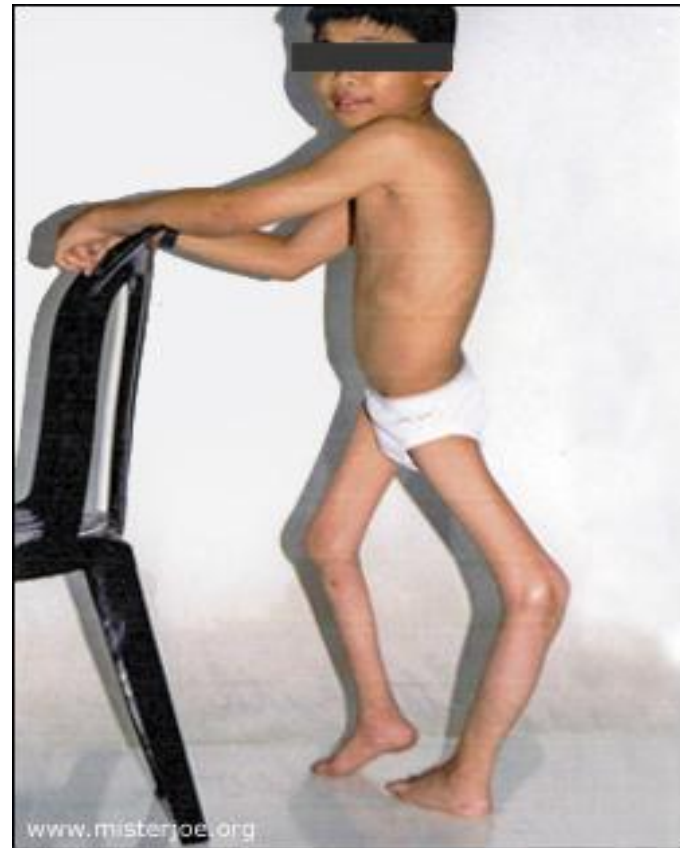
sendi yang dihubungkan oleh kartilago sehingga memungkinkan untuk sedikit gerakan.

## 3. Diartosis

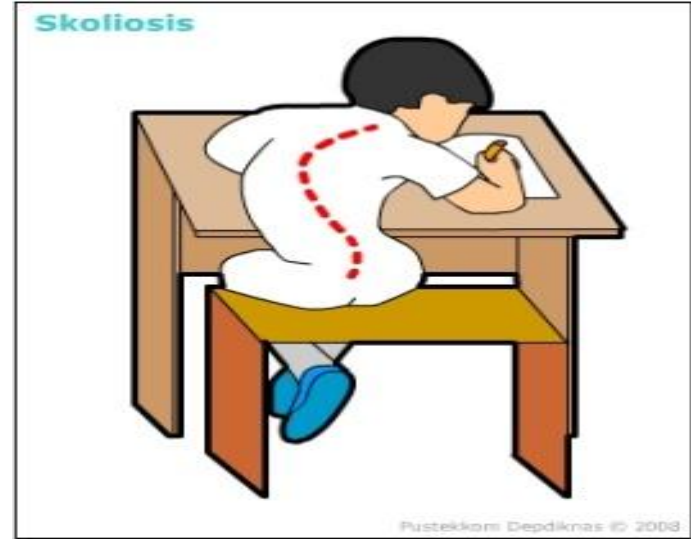
hubungan antar tulang yang kedua ujungnya tidak dihubungkan oleh jaringan sehingga tulang dapat digerakkan

# Kelainan dan Penyakit pada Tulang

1. Akibat Kecelakaan
2. Akibat Kekurangan Gizi
3. Akibat Infeksi
  - a. Layuh Semu
  - b. Kanker Tulang
  - c. Polio

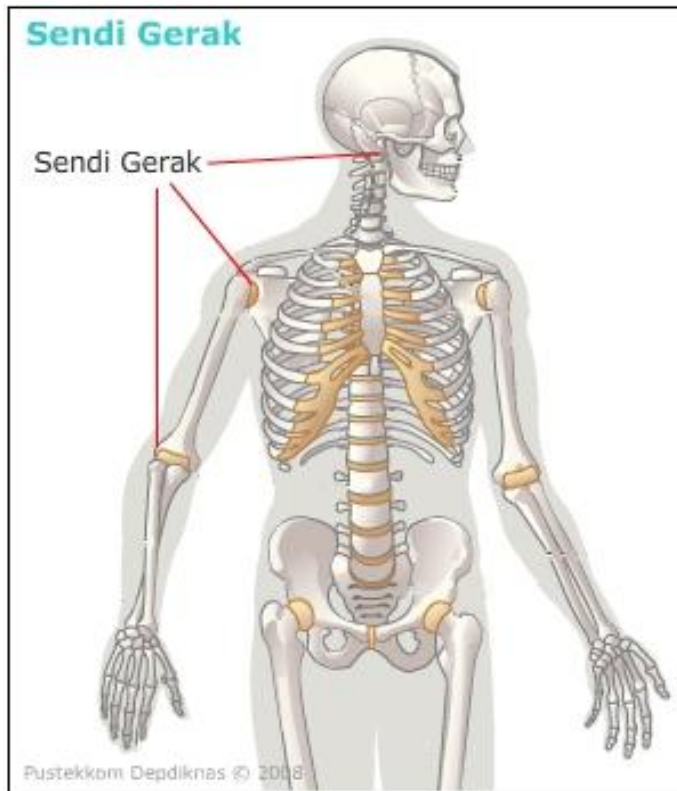


# Akibat Kebiasaan/Sikap Tubuh yang Salah

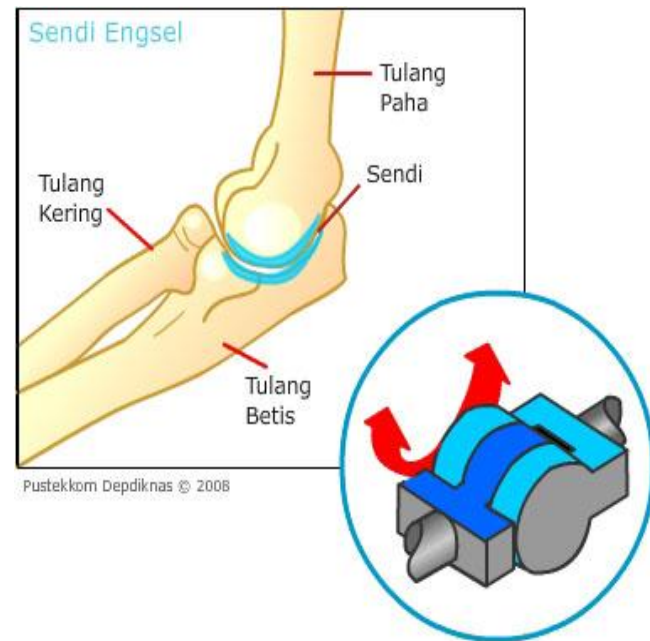


# SenDi Pada Manusia

## Sendi Gerak



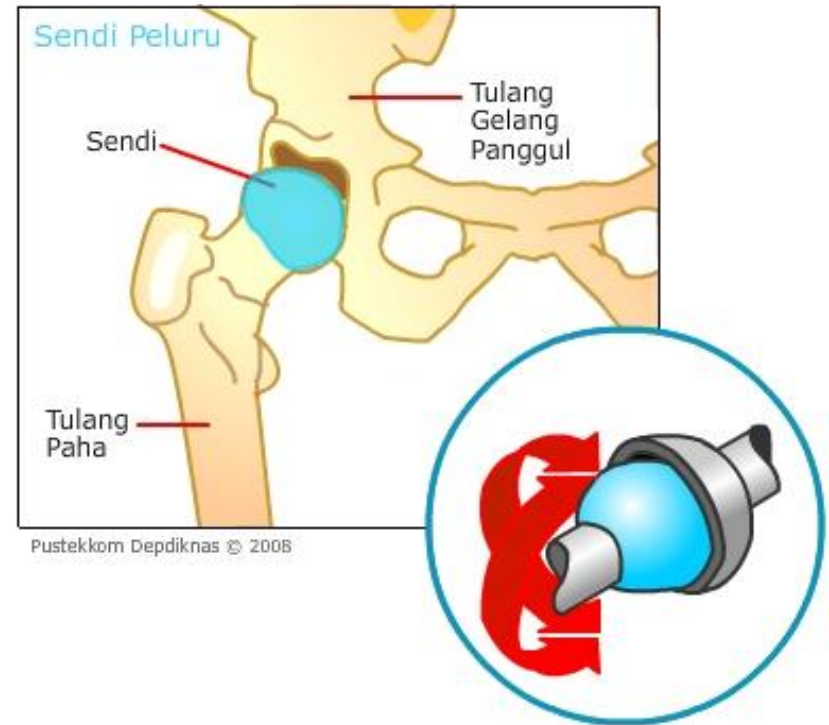
## Sendi Engsel



## Sendi Putar



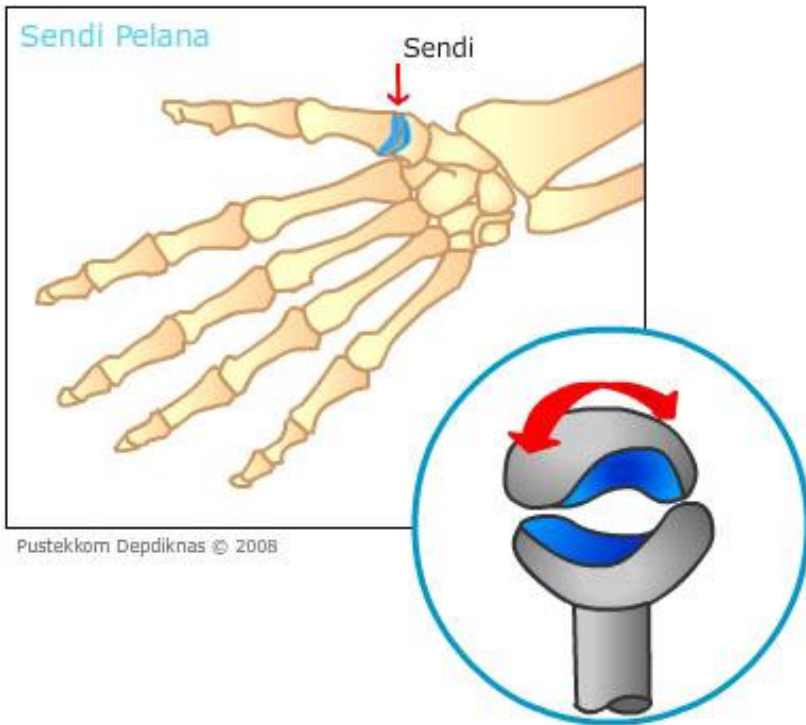
## Sendi Peluru



## Sendi Pelana

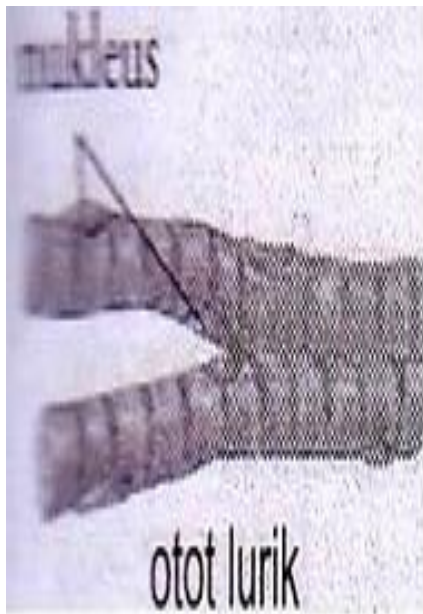
## Gangguan Pada Sendi

1. Dislokasi
2. Ankilosis
3. Terkilir
4. Antritis
5. Rematik

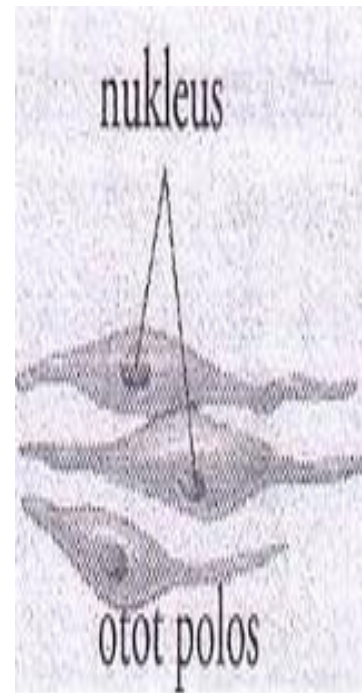


# OTOT

## Otot lurik



## Otot polos





# Otot jantung

