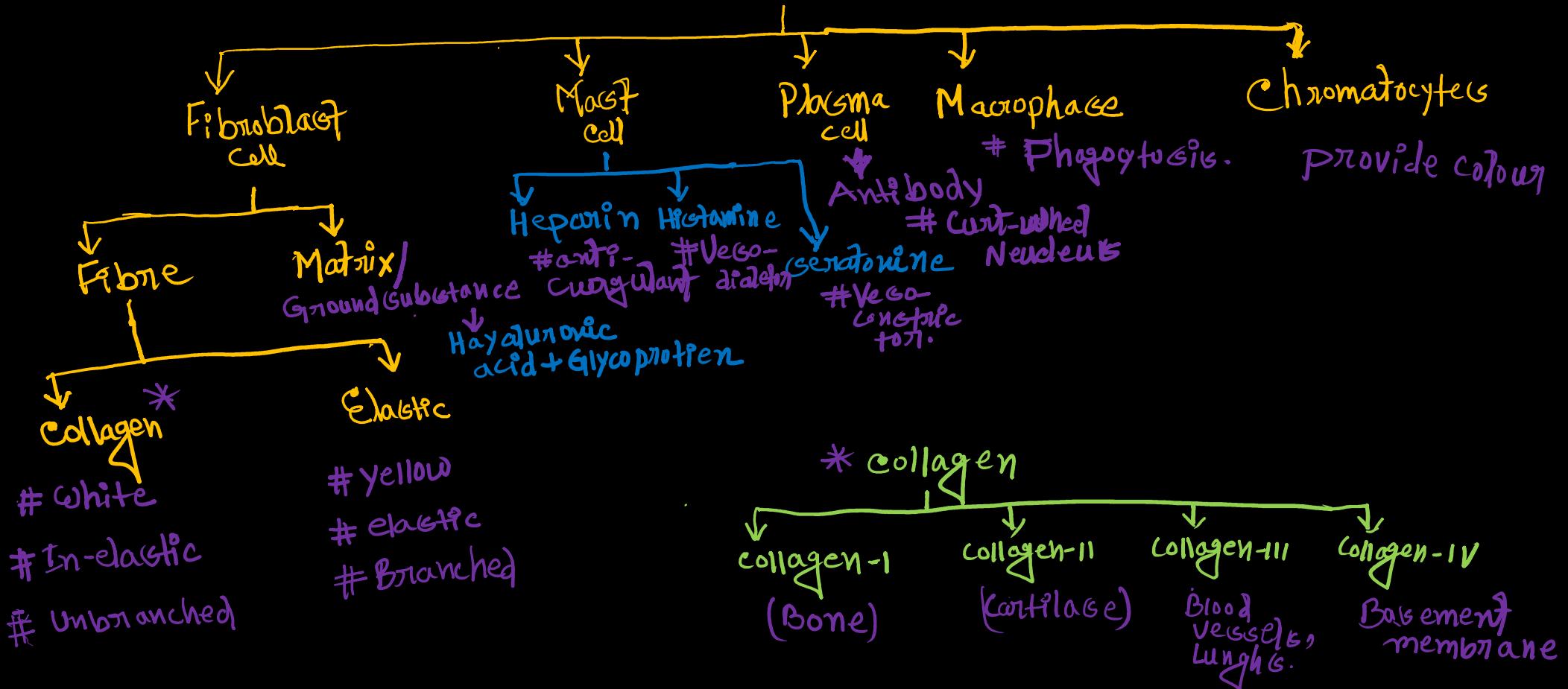


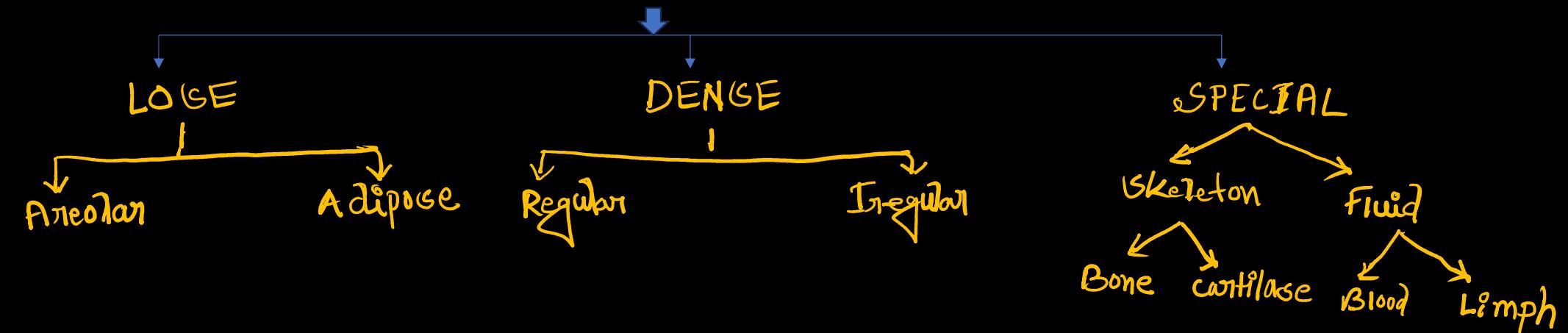
Mesoderm

CONNECTIVE TISSUE

Composition of Connective Tissue

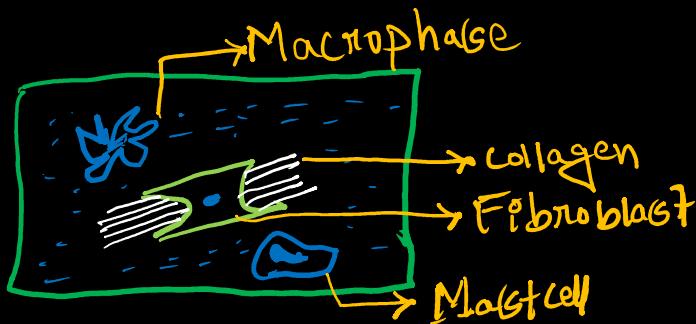


Connective Tissue



Lose Connective Tissue

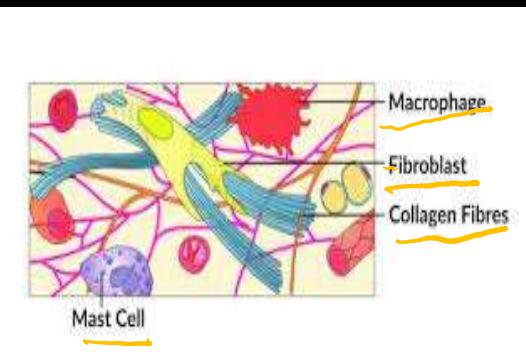
Areolar Connective Tissue



Property :-

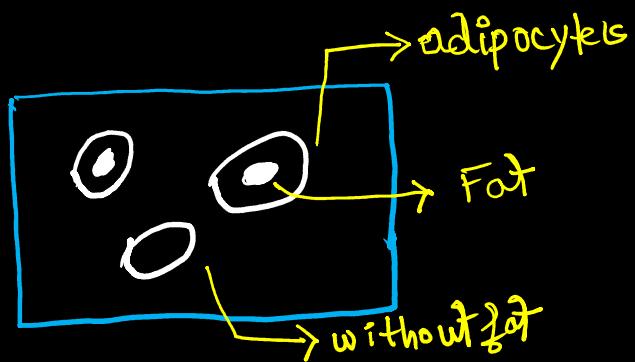
- ① Most abundant
- ② Loosely packed

- e.g :-
- (a) framework of skin
 - (b) Integument with muscle
 - (c) Blood Vessel ↑↑



Lose Connective Tissue

Adipose Connective Tissue



Struc := Adipocytes + Matrix ↑↑

Func :=

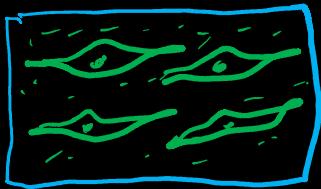
- i) shock absorver
- ii) heat insulation
- iii) Reserve energy

Compact arrangement

Dense Connective Tissue



Regular
Dense Connective
Tissue



Cells & Fibres
are arranged
parallelly

Tendon Ligament

Connect
Bone &
Muscle

Cells
Matrix
Fibres

Irregular
Dense Connective
Tissue

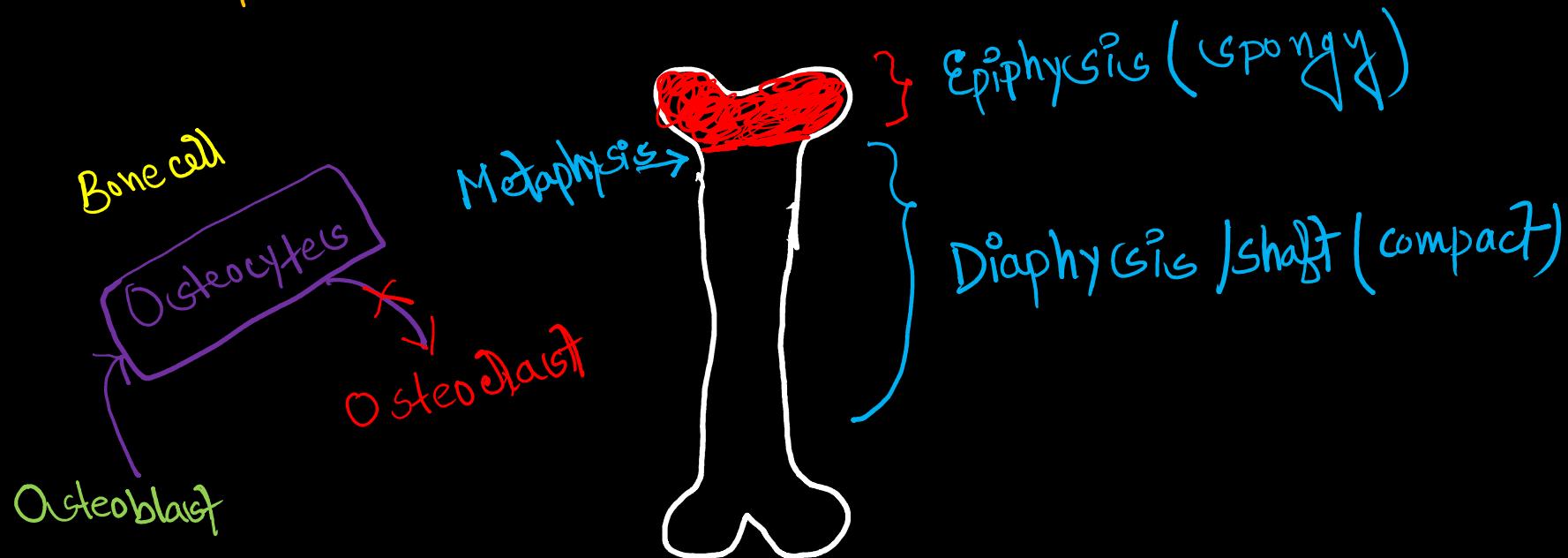


Not parallelly
present in
the dermis of skin
pericardium

Special Connective Tissue

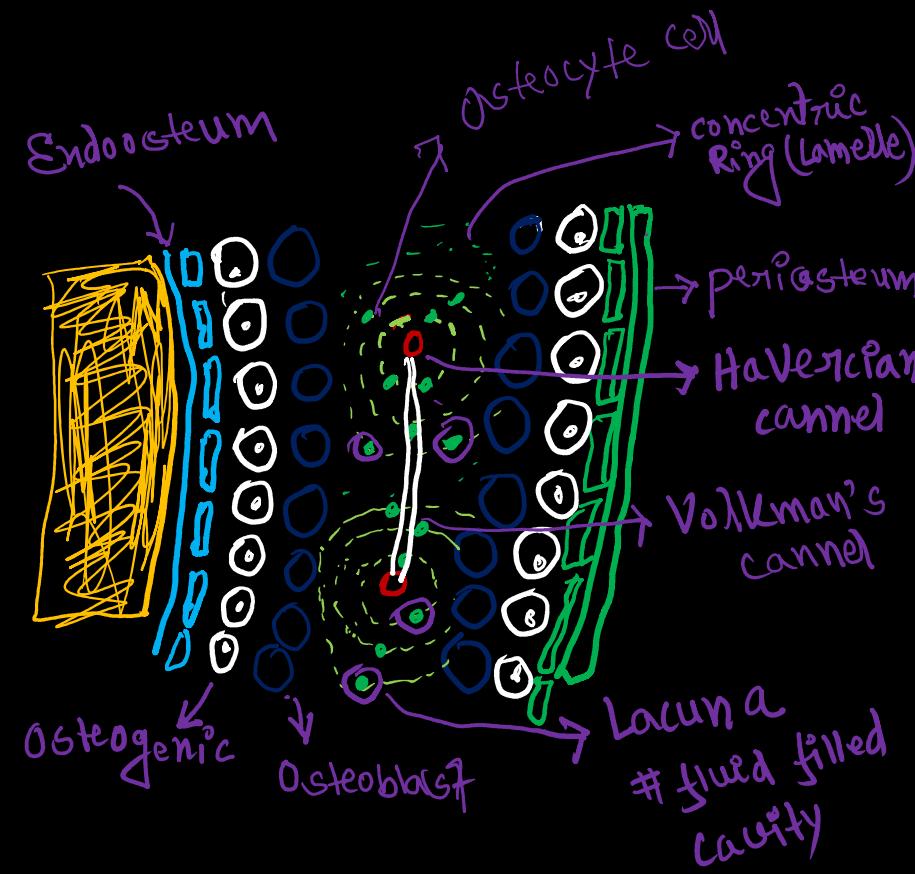
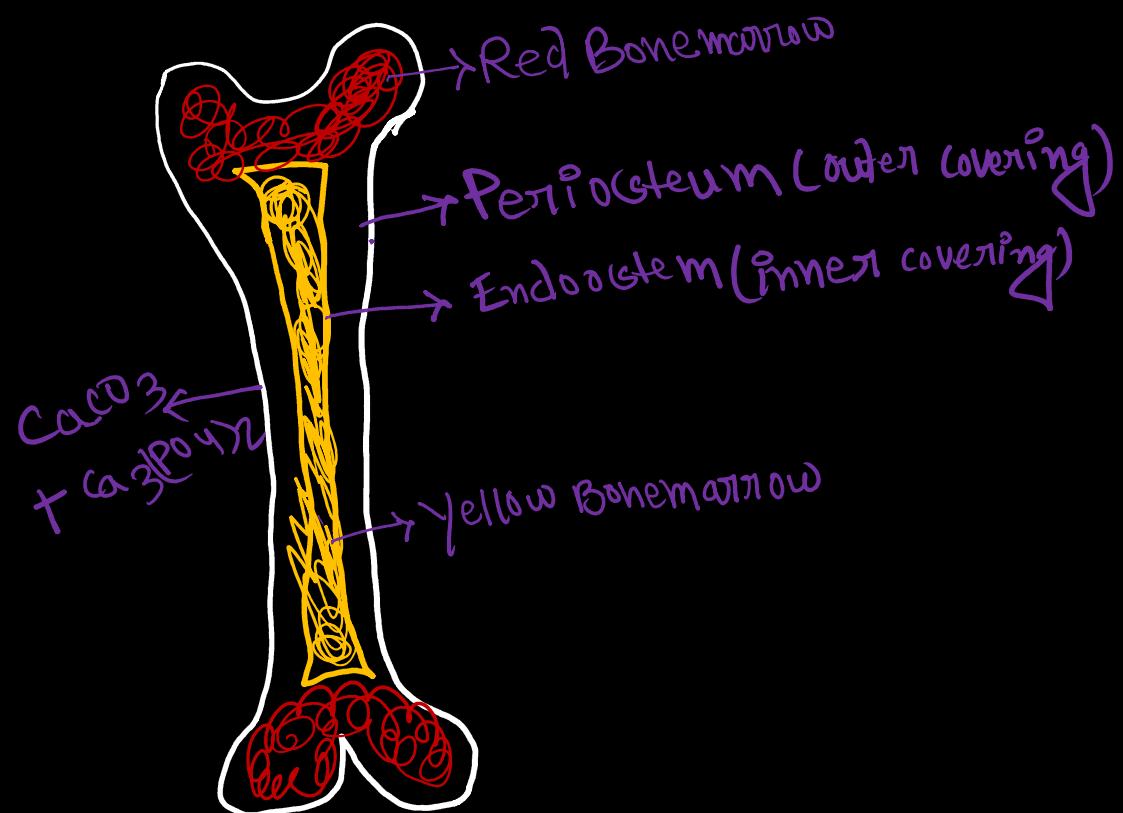
BONE

Special Connective Tissue
Hard, Non-pliable



Special Connective Tissue

BONE

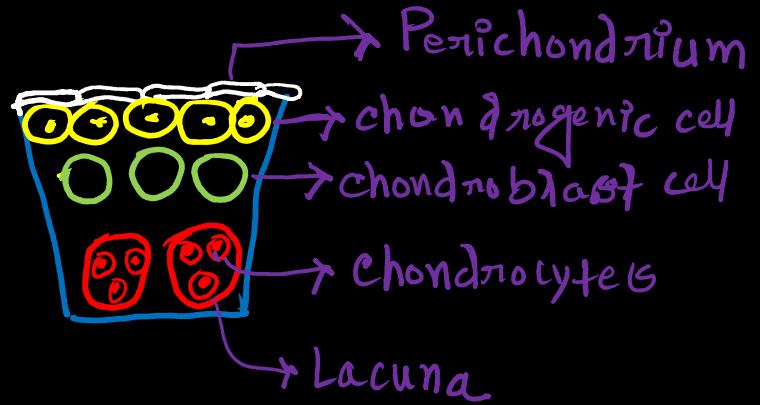


Special connective tissue

CARTILAGE

- # A type of Special Connective Tissue
- # pliable # Alveolar

Cartilage cell
↓
Chondrocytes



Special connective tissue

CARTILAGE

Hyalin
Cartilage

- eg
- (i) Nasal septum
 - (ii) Articular cartilages
 - (iii) Fibrocartilage
 - (iv) Ribs & sternum

Elastic
Cartilage

- # Epiglottis
- # Ear pinna
- # Eustachian tube

Fibrous
Cartilage

- # Intervertebral space
- # pubic symphysis

THANK YOU