

4.2 Cartilage

CHONDRO → **CARTILAGE** → Connective Protein
(Chondro-cyte) Collagen II

- Relatively less rigid connective tissue.
- Loosely Packed
- Blood Supply (Avascular)
Gets its nourishment via diffusion.
- No mineral Deposition
- Outer covering (Peri-chondrium)
- Reshaping x
- Healing x
- Occurrence in Body (Joints, External Ear, Trachea etc)

OSTEO-CALCIN

(Protein Hormone)

- Secreted by Osteoclasts
- Insulin adjustment
- Testosterone ↑↑
- Bone Strength
- Muscle Strength

HYALINE CARTILAGE:

- Most abundant
- movable Joints
- Nose, Larynx, Trachea

ELASTIC CARTILAGE

- External Ear (Pinnae)
- Epiglottis

FIBRO-CARTILAGE

- Inter-vertebral discs
- Annulus Fibrosis

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