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No	Specific Tissue	Type of Tissue	Shape	Arrangement	Parts	
1	Bone Tissue	Connective Tissue	Osteocytes in lacunae	Concentric rings (Haversian system)	Osteocytes (bone cells) Lacunae Canaliculari Haversian canal Lamellae (matrix rings)	
2	Cardiac Muscle	Muscle Tissue	Branched, striated fibers with single nucleus	Interconnected network with intercalated discs	Muscle fibers (cells) Nucleus (one per cell) Striations Intercalated discs	
3	Elastic Cartilage	Connective Tissue	Chondrocytes in lacunae	Scattered within elastic fiber matrix	Chondrocytes Lacunae Elastic fibers Matrix	
4	Hyaline Cartilage	Connective Tissue	Rounded chondrocytes in	Evenly spaced in a smooth,	Chondrocytes	



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			lacunae	glassy matrix	Lacunae Matrix (glassy ground substance) Perichondrium
5	Striated Muscle	Muscle Tissue	Long, cylindrical, multinucleated, striated fibers	Parallel bundles	Muscle fibers Nuclei (many per cell) Striations Sarcolemma (cell membrane)
6	Stratified cuboidal epithelium	Epithelium Tissue	Cube-shaped cells	Two or more layers	Cuboidal cells Basement membrane Lumen (space inside ducts)
7	Simple Cuboidal Epithelium	Epithelium Tissue	Cube-shaped cells	Single layer	Cuboidal cells Nucleus (central) Basement membrane Lumen
8	Blood	Connective Tissue	Circular (RBCs), irregular	Suspended in fluid plasma	Red blood cells (erythrocytes)



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			(WBCs, platelets)		White blood cells (leukocytes) Platelets (thrombocytes) Plasma
9	Columnar Epithelium	Epithelium Tissue	Tall, rectangular cells	Single layer	Columnar cells Nuclei (near base) Goblet cells (secrete mucus) Basement membrane
10	Simple Cuboidal Epithelium	Epithelium	Cube-shaped cells	Single layer	Cuboidal cells Nucleus Basement membrane Lumen
11	Stratified Squamous Epithelium	Epithelial Tissue	Flat cells at surface, cuboidal at base	Multiple layers	Squamous cells (top) Basal cells (bottom)



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					Basement membrane Nuclei
12	Areolar Connective Tissue	Connective Tissue	Irregular cells (fibroblasts, macrophages)	Loosely arranged fibers and ground substance	Fibroblasts Collagen fibers Elastic fibers Ground substance Macrophages

1. Bone Tissue (Connective)

- Shape: Osteocytes in lacunae
- Arrangement: Rings
- Parts: Osteocytes, Lacunae, Canaliculi, Haversian canal, Lamellae



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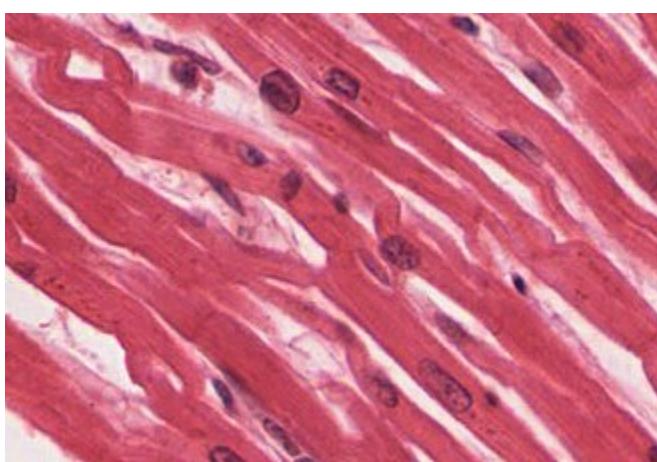
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2. Cardiac Muscle (Muscle)

- Shape: Branched, striated
- Arrangement: Network
- Parts: Fibers, Nucleus, Striations, Intercalated discs



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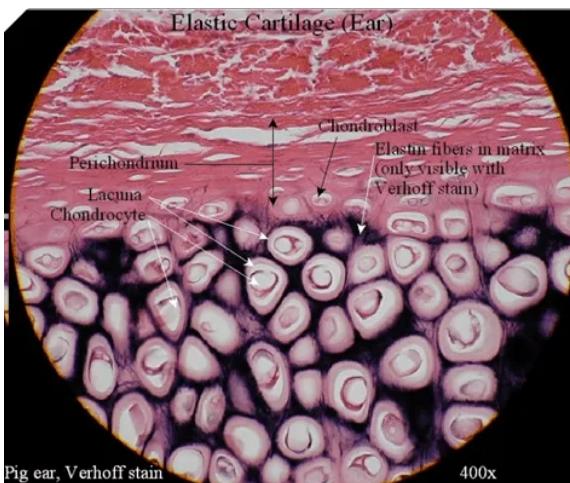
3. Elastic Cartilage (Connective)



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- Shape: Chondrocytes in lacunae
- Arrangement: Scattered
- Parts: Chondrocytes, Lacunae, Elastic fibers, Matrix



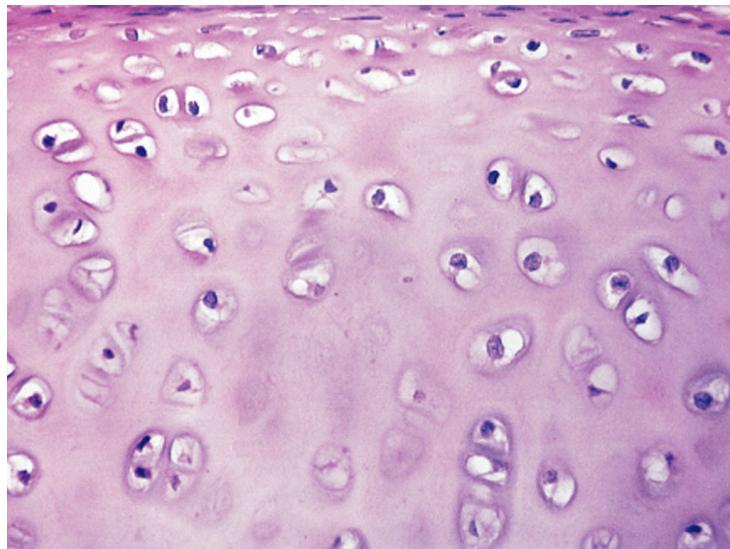
4. Hyaline Cartilage (Connective)

- Shape: Rounded chondrocytes
- Arrangement: Evenly spaced
- Parts: Chondrocytes, Lacunae, Matrix, Perichondrium



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5. Striated Muscle (Muscle)

- Shape: Long, cylindrical
- Arrangement: Parallel
- Parts: Fibers, Nuclei, Striations, Sarcolemma



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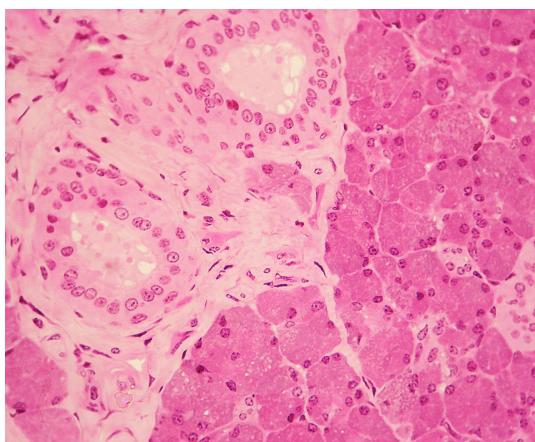


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6. Stratified Cuboidal Epithelium (Epithelium)

- Shape: Cube-shaped
- Arrangement: 2+ layers
- Parts: Cuboidal cells, Basement membrane, Lumen



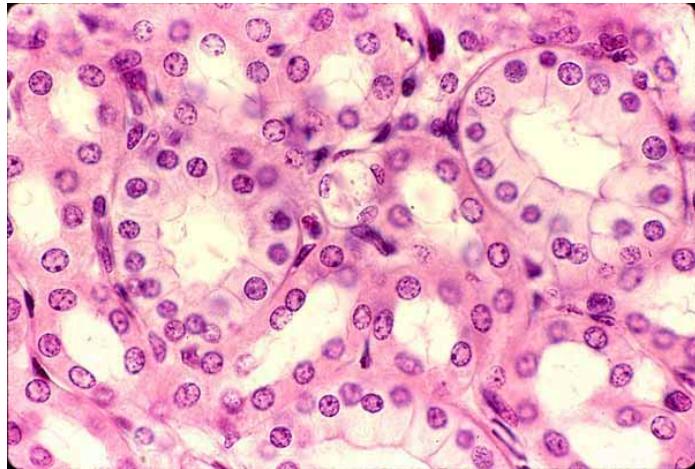
7. Simple Cuboidal Epithelium (Epithelium)

- Shape: Cube-shaped
- Arrangement: Single layer
- Parts: Cells, Nucleus, Basement membrane, Lumen



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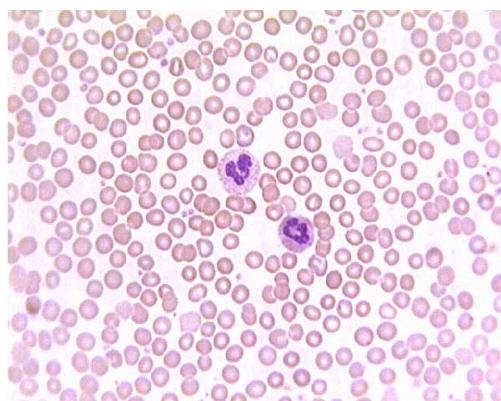
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8. Blood (Connective)

- Shape: Circular, irregular
- Arrangement: In plasma
- Parts: RBCs, WBCs, Platelets, Plasma



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9. Columnar Epithelium (Epithelium)

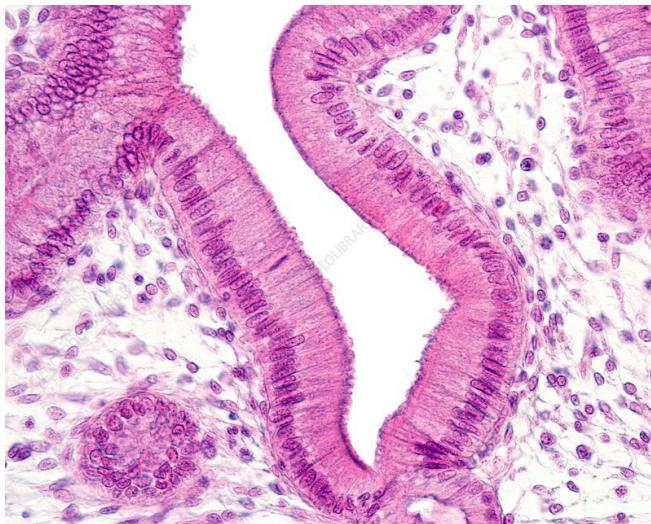
- Shape: Tall, rectangular
- Arrangement: Single layer



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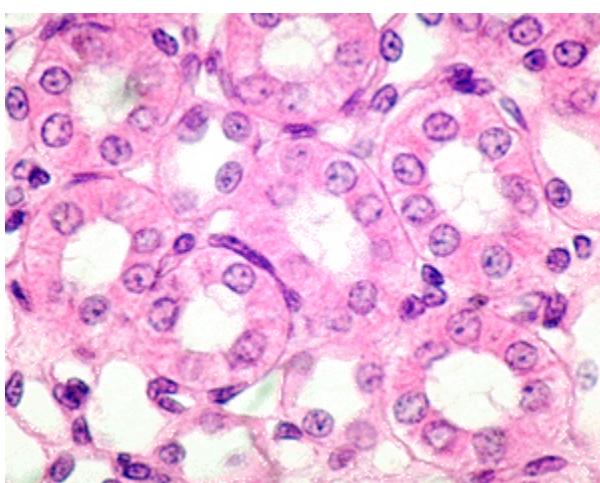
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- Parts: Cells, Nuclei, Goblet cells, Basement membrane



10. Simple Cuboidal Epithelium (Epithelium)

- Shape: Cube-shaped
- Arrangement: Single layer
- Parts: Cells, Nucleus, Basement membrane, Lumen



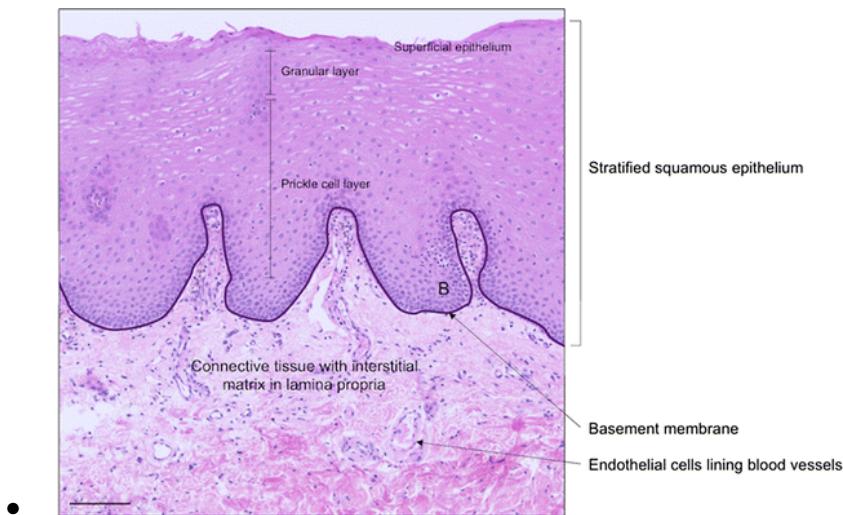
11. Stratified Squamous Epithelium (Epithelium)



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- Shape: Flat surface, cuboidal base
- Arrangement: Many layers
- Parts: Squamous cells, Basal cells, Basement membrane, Nuclei



12. Areolar Connective Tissue (Connective)

- Shape: Irregular cells
- Arrangement: Loose
- Parts: Fibroblasts, Collagen, Elastic fibers, Ground substance, Macrophages



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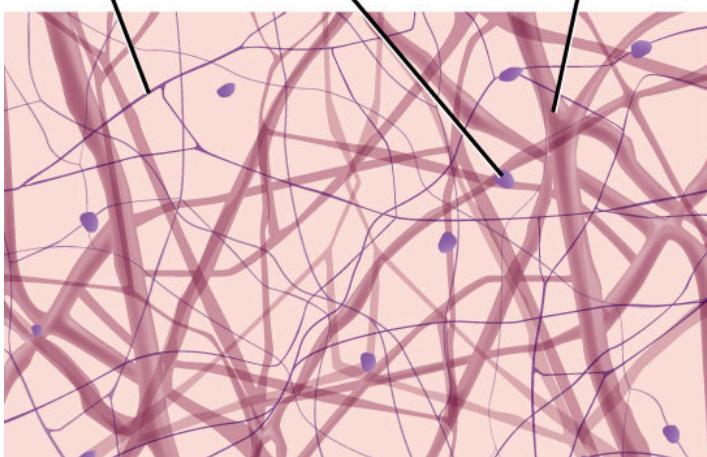
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Elastin fiber

Fibroblasts

Collagen fiber



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