

Types of tissues (Tortora)

1. Epithelial tissue

a. Simple epithelium

- i. Simple squamous epithelium
- ii. Simple cuboidal epithelium
- iii. Simple columnar epithelium (nonciliated and ciliated)
- iv. Pseudostratified columnar epithelium (nonciliated and ciliated)

b. Stratified epithelium

- i. Stratified squamous epithelium (keratinized and nonkeratinized)
- ii. Stratified cuboidal epithelium
- iii. Stratified columnar epithelium
- iv. Transitional epithelium

2. Connective tissue

a. Embryonic connective tissue

i. **Mesenchyme**

Most (but not all!) of the mesenchyme is derived from the mesoderm, which is why the two terms are often used interchangeably.

ii. Mucous connective tissue

b. Mature connective tissue

i. Loose connective tissue

1. Areolar connective tissue
2. Adipose tissue
3. Reticular connective tissue

ii. Dense connective tissue

1. Dense regular connective tissue
2. Dense irregular connective tissue
3. Elastic connective tissue

iii. Cartilage

1. Hyaline cartilage
2. Fibrocartilage
3. Elastic cartilage

iv. Bone tissue

v. Liquid connective tissue

1. Blood tissue
2. Lymph

3. Muscular tissue

a. Skeletal muscle tissue

b. Smooth muscle tissue

c. Cardiac muscle tissue

4. Nervous tissue