NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd.\_\_\_\_

4-2

**Anatomy & Physiology Ch. 4** – Tissue: The Living Fabric

**Connective Tissue**

General functions of connective tissue:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Characteristics of connective tissue:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Three structural elements of connective tissue:

1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (incl. \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_, or\_\_\_\_\_\_\_\_\_\_\_\_\_)

3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (incl. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

Four classes of connective tissue:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Varieties of Connective tissue proper:

* 1. **Loose connective tissue, areolar**

|  |  |  |
| --- | --- | --- |
| Description (Specialty – features) | Function (Specialty - usage) | Location (Where found/used) |
|  |  |  |

2. **Loose connective tissue,** **adipose (fat)**

|  |  |  |
| --- | --- | --- |
| Description (Specialty – features) | Function (Specialty - usage) | Location (Where found/used) |
|  |  |  |

3. **Loose connective tissue, reticular**

|  |  |  |
| --- | --- | --- |
| Description (Specialty – features) | Function (Specialty - usage) | Location (Where found/used) |
|  |  |  |

4. **Dense connective tissue, dense regular**

|  |  |  |
| --- | --- | --- |
| Description (Specialty – features) | Function (Specialty - usage) | Location (Where found/used) |
|  |  |  |

5. **Dense connective tissue, dense irregular**

|  |  |  |
| --- | --- | --- |
| Description (Specialty – features) | Function (Specialty - usage) | Location (Where found/used) |
|  |  |  |

6. **Dense connective tissue, elastic**

|  |  |  |
| --- | --- | --- |
| Description (Specialty – features) | Function (Specialty - usage) | Location (Where found/used) |
|  |  |  |