Body Systems and Diseases

**Complete** the table below for the required systems listed. Be sure to add the following requirements for each column:

* **Organs in the system:** List 4 to 6 of the main organs of each body system.
* **Function of the system:** Write 1 or 2 sentences explaining the function of the system itself in your own words.
* **Major diseases afflicting the system:** Write a short list of 5 to 6 major diseases that afflict each system.
* **Reference(s):** Include APA cited reference(s).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **System** | **Organs in the System** | **Function of the System** | **Major Diseases Afflicting the System** | **Reference(s)** |
| Example:Immune System | * Thymus
* Lymph nodes
* Skin
* Tonsils
* Bone marrow
* Spleen
 | * Protects the body from disease and infection by defending against, attacking, and removing pathogens
* Removes debris from the body, such as dead cells
 | * Hay fever
* Asthma
* Urticaria (hives)
* Acquired Immunodeficiency Syndrome (AIDS)
* Rheumatic fever
* Rheumatoid arthritis
 | Immune System and Disorders (n.d). Retrieved from https://medlineplus.gov/immunesystemanddisorders.html |
| **Required:**Nervous system  | * Brain
* Spinal Cord
* Somatic Nervous System
* Peripheral Nervous System
 | * Your nervous system uses specialized cells called neurons to send signals, or messages, all over your body
* Plays an essential role in things our body does without thinking such as breathing, brushing your teeth
 | * Diabetes
* Lupus
* Rheumatoid arthritis
* Multiple Sclerosis
* Stroke
 | What is the Nervous SystemRetrieved fromhttps://my.clevelandclinic.org/health/articles/21202-nervous-system |
| **Required:**Cardiovascular system |  |  |  |  |
| **Required:**Endocrine system |  |  |  |  |
| **Required:**Respiratory system |  |  |  |  |
| **Required:**Musculoskeletal system |  |  |  |  |
| **Required:**Digestive system  |  |  |  |  |
| **Optional:**Lymphatic system |  |  |  |  |
| **Optional:**Urinary system |  |  |  |  |
| **Optional:**Reproductive system |  |  |  |  |
| **Optional:**Integumentary system |  |  |  |  |

**Cite** at least 1 reputable reference for each of the required body systems in your chart. Reputable references include trade or industry publications, government or agency websites, scholarly works, a textbook, or other sources of similar quality.

**Format** your references used in your chart according to APA guidelines. Use the [Center for Writing Excellence](https://portal.phoenix.edu/CWE/cwe-home.html) Tutorials & Guides page (citation generator, sample paper) for appropriate APA formatting resources.