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 System  Retrieved from  https://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.