

Essentials of Healthcare Science

Digestive System- Standard 11- Investigate the anatomy, physiology and basic pathophysiology of the digestive system, and perform technical skills related to the system.

- 11.1- Analyze the basic structures and functions of the digestive system.
- 11.2- Identify and explain medical terms related to the digestive system and utilize when documenting in the electronic medical record.
- 11.3- Compare and contrast chemical and mechanical digestion.
- 11.4- Trace the path of food throughout the digestive pathway.
- 11.5- Identify the gastric secretions and describe the function of each.
- 11.6- Explain the process of absorption.
- 11.7- Research common diseases, disorders and emerging diseases of the digestive system including pathophysiology, prevention, diagnosis and treatment that might be utilized.
- 11.8- Demonstrate measuring height, weight, and Body Mass Index (BMI) and document in electronic medical record.

Endocrine System- Standard 10- Examine the anatomy, physiology, and basic pathophysiology of the endocrine system, and perform technical skills related to the system.

- 10.1- Analyze the basic structures and functions of the endocrine system.
- 10.2- Identify the hormones secreted by each organ of the endocrine system and describe the role of each hormone.
- 10.3- Identify and explain medical terms related to the endocrine system and utilize when documenting in the electronic medical record.
- 10.4- Explain the role of the endocrine system in maintaining homeostasis.
- 10.5- Describe the role of the hypothalamus in linking the endocrine system and nervous system.
- 10.6- Research common diseases, disorders and emerging diseases of the endocrine system including pathophysiology, prevention, diagnosis and treatment that might be utilized.
- 10.7- Demonstrate the role and responsibilities of patient education related to the endocrine system (i.e. Diabetic patient education).
- 10.8- Demonstrate technique for utilizing simulated equipment and medical devices related to the endocrine system (ex: blood glucose monitor).

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| | April 27 Monday | April 28 Tuesday | April 29 Wednesday | April 30 Thursday | May 1 Friday |
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| Learning Target | <i>I can identify and explain medical terms related to the digestive system.</i> | <i>I can identify and explain medical terms related to the digestive system.</i> | <i>I can identify the basic structures and functions of the digestive system.</i> | <i>I can identify the gastric secretions and describe the functions of each.</i> | <i>All standards addressed.</i> |
| Opening | Ask-the-Teacher | What are the organs of the digestive system? | Summarize the process of the digestive system in 4 words. | What controls the digestive system? | What work am I missing? |
| Work Period | Organs of the Digestive System | Organs of the Digestive System | GN: Digestive System CLASS MEETING | Digestive System Worksheet | Complete any and all missing work. |
| Closing | Where does the digestive system begin? End? | How long is the digestive system? | Ask-the-Teacher | Submit all work for the week | Submit missing work. |
| Due | | Organs of the Digestive System Due by 11:59 PM | | Digestive System Worksheet | All missing work |