**Lesson Plan**

Name of the Lecturer: Grace Wairimu

Name of Institution: DeKUT

Audience: 1st Years

Course: Medical Physiology II

Pre-req: None

Topic: Gastric Secretions

Date: 3/7/2024

Time/Duration: 1hr 30 mins

Venue: RC 17

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| **Time** | **Learning Outcomes** | **Content** | **Teaching Method** | **Teaching Aid** | **Teacher's Activity** | **Learners Activity** | **Evaluation Method** | **Resources** |
| 7.30-7.50 | Understand the characteristics of gastric secretions | Characteristics of Gastric Secretions | Lecture | Diagrams | Explain concepts | Take notes | Q&A session | Textbook and diagrams of gastric secretions |
| 7.50-8.10 | Describe the function of pyloric glands and their secretions | Pyloric Glands - Secretion of Mucus and Gastrin | Lecture | Diagrams | Explain concepts | Take notes | Q&A session | Textbook and diagrams of pyloric glands |
| 8.10-8.30 | Identify the role of surface mucous cells | Surface Mucous Cells | Lecture | Photos | Explain concepts | Take notes | Q&A session | Textbook and photos of mucous cells |
| 8.30-8.50 | Explain the stimulation mechanism of gastric acid secretion | Stimulation of Gastric Acid Secretion | Lecture | Diagrams and video | Explain mechanisms | Ask questions | Post lecture quiz | Diagrams and illustrations of acid secretion |
| 8.50-9.10 | Understand the inhibition of gastric secretion by intestinal factors | Inhibition of Gastric Secretion by Other Post-Stomach Intestinal Factors | Lecture | Diagrams | Explain concepts | Discuss | Group discussion | Textbook and diagrams of intestinal factors |
| 9.10-9.30 | Learn the chemical composition of gastrin and other GI hormones and Q&A session. | Chemical Composition of Gastrin and Other Gastrointestinal Hormones | Lecture | Charts | Describe components | Take notes | Q&A session | Charts and textbooks on GI hormones |