D-Xylose Test Protocol

Patient Information

Name: John Smith

Date of Birth: 01/15/1980

Medical Record Number: 123456

Date of Test: 11/05/2023

Ordered by: Dr. Emily Anderson

Reason for Test: Gastrointestinal symptoms, including chronic diarrhea and unexplained weight loss.

Patient Preparation

Fasting Period: The patient was instructed to fast for 12 hours before the test.

Medication Review: The patient confirmed not taking any medications that may interfere with the test.

Test Procedure

1. **D-Xylose Solution:**
   Provided the patient with 25 grams of D-xylose solution for oral consumption. The patient consumed the entire solution.
2. **Urine Collection:**
   Instructed the patient to collect urine in a designated container immediately after consuming the D-xylose solution. Urine collection will continue for 5 hours.
3. **Patient Instructions:**
   Advised the patient to maintain their regular activities during the test and record the start and end times of urine collection.

Urine Storage

The collected urine is stored in a cool, dark place during the collection period.

Laboratory Processing

Once the urine collection period was complete, the collected urine was transferred to a specimen container, appropriately labeled with patient information.

The specimen was sent to the laboratory for D-xylose analysis.

Interpretation of Results

Based on the results, a significant presence of D-xylose in the urine suggests normal small intestine absorption, indicating that malabsorption is unlikely to be the cause of the patient's gastrointestinal symptoms.

Follow-up

Since the D-Xylose Test indicates normal small intestine absorption, we will continue the diagnostic process to identify the underlying cause of the patient's gastrointestinal symptoms, potentially considering further tests such as endoscopy or blood work to provide a comprehensive evaluation.