

# ACTIVE LEARNING TEMPLATE: *Diagnostic Procedure*

STUDENT NAME \_\_\_\_\_

PROCEDURE NAME \_\_\_\_\_ REVIEW MODULE CHAPTER \_\_\_\_\_

## Description of Procedure

Endoscopy is a non surgical process that is used to view the digestive tract. An endoscope a tube with a light and a camera and a camera attached to it a doctor can view the digestive tract in a color TV monitor.

## Indications

Difficulty in swallowing.  
Blood in vomitus.  
Heart burn.  
Unexpected weight loss.  
Persistent nausea and weight loss.

## Interpretation of Findings

Ulcers and cancers can be detected during Endoscopy.  
Endoscopy can help in diagnosing Barrett's esophagus (pre cancer stage).  
Esophageal strictures which is narrowing of the esophagus.  
Esophageal varices. This is narrowing of veins in the wall of esophagus.  
GERD. Happens when gastric acid flows from the stomach to the esophagus.

## Potential Complications

Internal bleeding during the procedure or perforation of the esophagus.  
Difficulty in breathing and irregular heartbeat.  
Effect of sedative used leading to burning at the site of injection.

## CONSIDERATIONS

### Nursing Interventions (pre, intra, post)

Nurses are involved in sedation  
Nurses lead the patients to the procedure room.  
During the procedure the nurse should monitor the patient's condition.  
After the procedure the nurse labels and handles the specimen.  
The nurses also clean and manage all equipments used during endoscopy.

### Client Education

The client is supposed to arrange with someone to drive since it takes time for the effect of sedative to wear off. The client may feel discomfort in the throat which may resolve after two or three days.

### Nursing Interventions

Proper cleaning and sterilization of equipments.  
Ensure safety of the patient before, during and after the process.  
The nurse should explain to the patient that the air will be introduced during the process.  
Establishing an IV line and explaining to the patient that sedative will be applied before the procedure.  
Administering medications according to the doctor's prescription.  
Provide security and privacy when the patient rests after the procedure.