

Simulated Endoscopy Procedure no.1

You have just finished performing a colonoscopy and gastroscopy on a **62-year old male patient** at **Toronto General Hospital** in the **Endoscopy Unit**. Prior to beginning the procedure, **you received consent from the patient after explaining to him the risks and benefits**. You also completed the **endoscopy safety checklist with members of the care team**.

The patient was seen because of **weight loss and iron deficiency anemia**.

He had a **prior appendectomy** and receives treatment for **diabetes mellitus**.

You asked the patient about their compliance with their prep and the patient told you they completed a **split PEG prep**.

Before beginning the colonoscopy, you completed an abdominal exam and digital rectal examination which were **unremarkable**. You then completed a perianal exam which was **unremarkable**. You asked the nurse to administer the following sedation; **MIDAZOLAM 2mg and FENTANYL 75mcg intravenously**.

You instructed the patient to lay on their **left side** and to bend their legs. You introduced the adult colonoscope through the **anus** and you were able to navigate to the **terminal ileum without complication**. Overall, you thought the preparation quality was **adequate but required additional irrigation**.

You were able to visualize 2 polyps.

The first polyp was located in the cecum, approximately 1.5cm in size and slightly elevated. You performed a polypectomy by elevating the polyp using a solution of methylene blue and saline and then using a hot snare. Post-polypectomy, there was bleeding so you placed two clips to achieve hemostasis.

The second polyp was located in the sigmoid colon, approximately 6mm in size and was protruded and sessile. You performed a polypectomy using a cold snare and there was no post-polypectomy bleeding.

Both polyps were retrieved for histology.

Before withdrawing the colonoscope, you retroflexed and **observed an internal hemorrhoid**. You then fully withdrew the colonoscope and instructed the patient that their colonoscopy was complete.

While the nurse prepared for the gastroscopy, you asked the patient to move up on the bed and lay on their **left side**. The nurse administered **Lidocaine spray** to their pharynx and placed a mouth piece in the patient's mouth.

You slowly inserted the gastroscope into the patient's **mouth**. You were able to navigate to the **2nd portion of the duodenum without complication**. Overall, you thought the visualization was **excellent**.

No esophagitis or Barrett's esophagus was observed. In the stomach, there was no ulceration or gastritis and retroflexion of the fundus and cardia **were normal**. The duodenum was normal.

Overall the patient tolerated the **procedure well** and was returned to the recovery room in **good condition**.

Based on what you observed from the findings, you indicated that you will follow-up on the pathology and will communicate the results in a follow-up visit and with the referring doctor. You recommend the patient **have a repeat colonoscopy in 5 years**.