



มหาวิทยาลัยราชภัฏนครปฐม



# 4172701 Adult Nursing 1

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# Learning outcomes



- Describe patients with abnormalities in the gastrointestinal system.
- Describe Pathology, signs and symptoms of patients with abnormalities in the gastrointestinal system.
- Describe treatment in patients with abnormalities in the gastrointestinal system.
- Describe nursing diagnosis and nursing care in patients with abnormalities in the gastrointestinal system.

# Gastrointestinal disorders: overview

## GI disease

- CA esophagus
- gastric ulcer
- UGIB
- PU Perforate
- gastroesophageal reflux
- Appendicitis
- Peritonitis
- intestinal diverticulum
- GI obstruction
- hernia

## procto disease

- ulcerative colitis
- CA colon
- anal fistula
- hemorrhoid

# Gastrointestinal disorders



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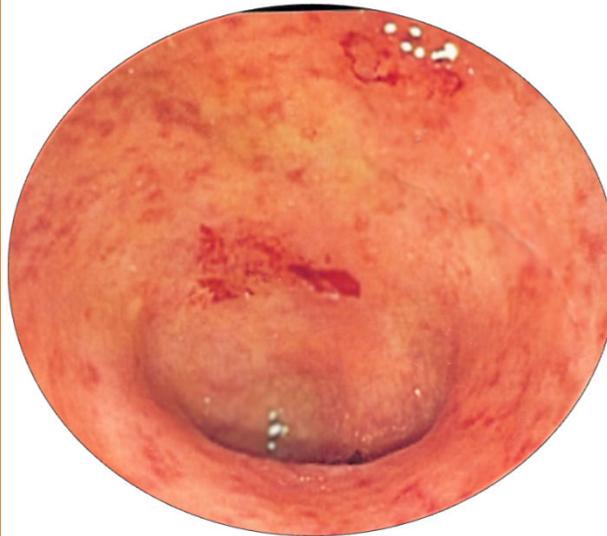
## Part 3 procto disorders

# ulcerative colitis

Ulcerative colitis is an inflammatory bowel disease (IBD) that causes inflammation and ulcers in digestive tract. Ulcerative colitis affects the innermost lining of large intestine.

## Symptoms

- Diarrhea+blood or pus
- Rectal bleeding
- Abdominal pain and cramping
- Rectal pain
- Urgency to defecate
- Inability to defecate despite urgency
- Weight loss
- Fatigue
- Fever



## Treatment

- Anti-inflammatory medications
- Immune system suppressors
- Anti-diarrheal medications
- Pain relievers
- Antispasmodics
- Surgery

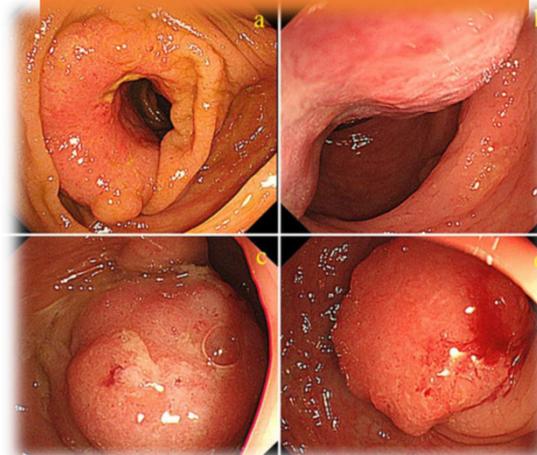
Colon cancer is a growth of cells that begins in a part of the large intestine

## Symptoms

- A change in bowel habits
- Rectal bleeding or blood in the stool.
- Ongoing discomfort in the belly area.
- Weakness
- Losing weight

## Diagnosis

- Colonoscopy
- Biopsy
- CEA



<https://short.npru.ac.th/b57>

## Treatment

- Surgery
- Chemotherapy
- Radiation therapy
- Targeted therapy
- Immunotherapy
- Palliative care

# anal fistula

fistula-in-ano are the result of an infection that starts in an anal gland. The infection causes an abscess that drains on its own through the skin next to the anus. This drainage tunnel remains open and connects the infected anal gland or the anal canal to a hole in the outside skin around the anus.

## Symptoms

- An opening on the skin around the anus
- A red, inflamed area around the tunnel opening
- Oozing of pus, blood or stool from the tunnel opening
- Pain in the rectum and anus
- Fever

## Treatment

### Surgery:

- Fistulotomy
- Endorectal advancement flap
- Ligation of the intersphincteric fistula tract

## Treatment

### Non surgery:

- Seton placement.
- Fibrin glue and collagen plug.
- Medication.

# hemorrhoid

Hemorrhoids are swollen, enlarged veins that form inside and outside of anus and rectum.

## Symptoms

- Itchy anus.
- Hard lumps near anus
- Pain anus.
- Rectal bleeding.

## Treatment

- Hemorrhoidectomy
- Hemorrhoid stapling
- Rubber band ligation
- Infrared coagulation
- Electrocoagulation







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