Sigmoid Diverticulitis: acquired psedodiverticular outpouching of the Colonic Mucosa and SabMucosa. governly Multiple > Refferred to as diverticulosis -> Kefferred to at caref floor.
-> Increase in the pressure in the signed colon. Result ? Outpouching at the vall segments to the l Morphology = - where? signoid colon . This wall, why? attrophic Muesta, compressed Submo. Alter coulded or assessit Muesta. Compressed Submo. - Alter coulded or assessit Muesta. (C) OBSTRUCTION > Second loved by Musculo (Perforations > Nov? it is only loved by Musculo my Lead to pade In Plammatory Bowel Diseasess = inappropriate nucesal immore activation. , 2 entities - theoretic colitis (UC). I affected exter and the ma . Uggiene Ugportesis > mare childred exposure to microbes premise excessive in O triestinal epitheliol diselementary Crohn disease Ulcerative colitis. - Might affect any part of the tract, Regional -affets all the layers. Transmural - extends only into mucosa and Sab Mucosa O always in volves the Rectam

O Cocasionally Focul appendectal or

O Utenative Rockinis or Utenative Re

O Small intestine is normall recorpt in lack Macroscopic 8. O Bread basel edger @ Mucosal atrophy @ Sevesal surface is narrow Pseudopolyp Pseudopolyp OTAllammatory wilhates

Otagot Absecces

Ocypt Association

Clinical Features

The clinical manifestations of Crohn disease are extremely variable. *In most patients, disease begins with intermittent attacks of relatively mild diarrhea, fever, and abdominal pain.*

Vit.B12 is absorped in the iluem

- Iron deficiency anemia, nutrient malabsorption, or malabsorption of vitamin B12 and bile salts may developed.

 uveitis is inflammation of the uvea "a blood-vessel-rich lining inside the eye that brings nutrition to the cornea, retina, iris, and lens
- <u>Extraintestinal manifestations of Crohn disease</u> include uveitis, migratory polyarthritis, sacroiliitis, ankylosing spondylitis, erythema nodosum, and clubbing of the fingertips, any of which may develop before intestinal disease is recognized.

Erythema nodosum: skin inflammation that is located in a part of the fatty layer of skin.

The risk of colonic adenocarcinoma is increased in patients with long-standing colonic Crohn disease.

Clinical Features

- J Ulcerative colitis is a relapsing disorder characterized by attacks of bloody diarrhea with expulsion of stringy, mucoid material and lower abdominal pain and cramps that are temporarily relieved by defecation.
- These symptoms may persist for days, weeks, or months before they Subside.
- More than half of the patients have mild disease.
- The factors that trigger ulcerative colitis are not known, but as noted previously, infectious enteritis precedes disease onset in some cases.
- The initial onset of symptoms also has been reported to occur shortly after smoking cessation in some patients, and smoking may partially relieve symptoms.

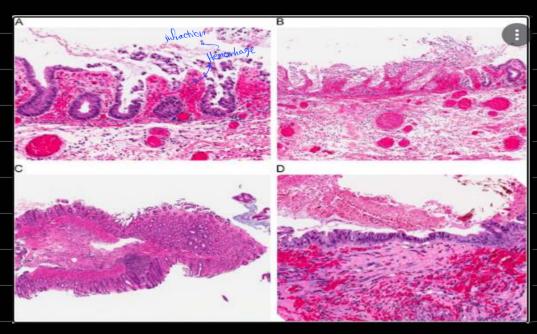
Table 14-5 Features That Differ Between Crohn Disease and Ulcerative Colitis

Feature	Crohn Disease	Ulcerative Colitis
Macroscopic		
Bowel region affected	lleum ± colon	Colon only
Rectal involvement	Sometimes	Always
Distribution	Skip lesions	Diffuse
Stricture	Yes	Rare
Bowel wall appearance	Thick	Thin
Inflammation	Transmural	Limited to mucosa and submucosa
Pseudopolyps	Moderate	Marked
Ulcers	Deep, knifelike	Superficial, broad-based
Lymphoid reaction	Marked	Moderate
Fibrosis	Marked	Mild to none
Serositis	Marked	No
Granulomas	Yes (-35%)	No
Fistulas/sinuses	Yes	No
Clinical		
Perianal fistula	Yes (in colonic disease)	No
Fat/vitamin malabsorption	Yes	No
Malignant potential	With colonic involvement	Yes
Recurrence after surgery	Common	No
Toxic megacolon	No	Yes

Ischemic Bowel diseasess

Can range from & Omucosal infraction > Extend no deeper than the Muscalaris Mucosa caused by Secondary

3 Frans Maral infraction > all the layers 7 >> due to Vascalar obstruction.





@ Angiodysplasia is characterized by proformed Sub Mucasal and Mucasal blood Vessels.

Clinical Features

- Ischemic bowel disease tends to occur in older persons with coexisting cardiac or vascular disease.
- Acute transmural infarction typically manifests with sudden, severe abdominal pain and tenderness, sometimes accompanied by nausea, vomiting, bloody diarrhea, or grossly melanotic stool.
- Peristaltic sounds diminish or disappear, and muscular spasm creates board like rigidity of the abdominal wall.
- Mucosal and mural infarctions by themselves may not be fatal. However, these may progress to more extensive, in transmural infarction.