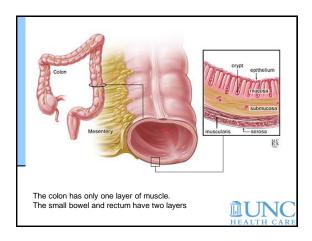
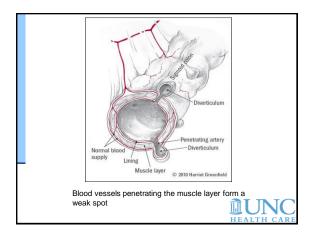
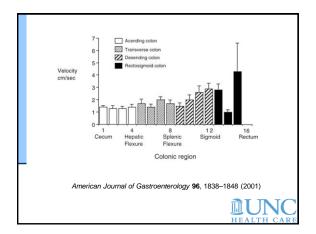


•NO DISCLOSURES









Several factors may increase your risk of developing diverticulitis:

Aging. The incidence of diverticulitis increases with age.

Obesity. Being seriously overweight increases your odds of developing diverticulitis.

Smoking. People who smoke cigarettes are more likely than nonsmokers

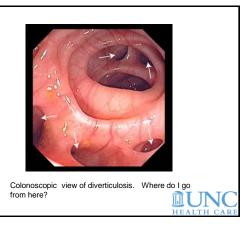
Lack of exercise. Vigorous exercise appears to lower your risk of diverticulitis.

Diet high in animal fat and low in fiber.

		Table a Specific prevalenc	e of diversalous as different
		countries [1]	
		EUROPE	
		UK	47%
		Germany	21-49 %
		Norway	32.1%
		Finland	12-50%
		Greece	22.9%
		Poland	21.8%
		Romania	1.29-2.5%
		Italy	19.4-51.4%
		USA	
		Hispanic patients	43%
		African American patients	57.7%
		AFRICA	
		Nigeria	9.4 %
		Kenya	6.6 %
		Egypt	2%
		ASIA	
		Thailand	28.5%
-	•	Singapore	20%
		South east Asia	8.0%
		Hong Kong	25.1%
		Japan	20.3%
		ARAB countries	
		Saudi Arabia	7.5 %
		Iran	2.4%
		Jordan	4.0%

Risk Factors

age
low-fibre diet
obesity
physical inactivity
left-sided colon cancer
Ehlers-Danlos, Marfan's, polycystic kidney diseases





Surgical view of diverticulitis.



The clinical presentation of Acute diverticulitis

- · Left lower quadrant pain (70% of patients), fever, leucocytosis= diverticulitis
- can be either complicated or uncomplicated.
- results from the micro- or macroperforation of a diverticulum, resulting in anything from subclinical inflammation to feculent peritonitis
- Patients may also complain of nausea and vomiting (20–62%), constipation (50%), diarrhea (25-35%), and urinary symptoms (10-15%).



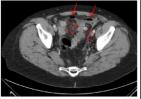




Diagnosis typically made by CT scan. Colonoscopy may miss the process.







Diverticulitis with abscess

Diverticulitis with perforation



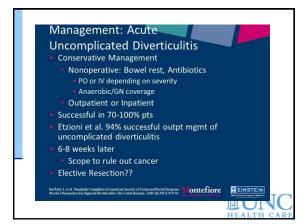


Table 4. Outpatient Antibiotic Regimens (7–10 Days)

- Ciprofloxacin, 500 mg orally twice a day, and metronidazole, 500 mg orally three times a day
- Amoxicillin-clavulanate, 875/125 mg orally twice a day
- Cephalexin, 500 mg orally twice a day, and metronidazole, 500 mg orally three times a day
- Trimethoprim-sulfamethoxazole orally four times a day, and metronidazole, 500 mg orally three times a day
- Clindamycin, 450 mg orally four times a day

Data from Stocchi L. Diverticulitis. In: McNally PR, ed. G/Liver Secrets Plus. 5th ed. Philadelphia, PA: Elsevier; 2015;358–364.

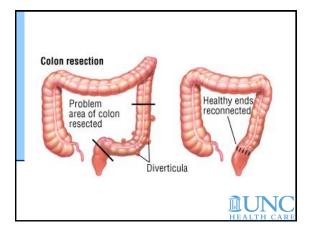


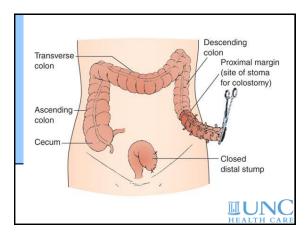
When should I send the patient for surgical consultation?

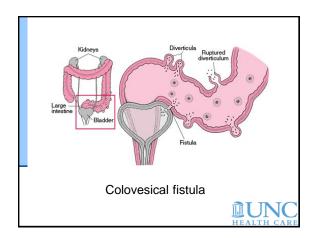
Surgery:

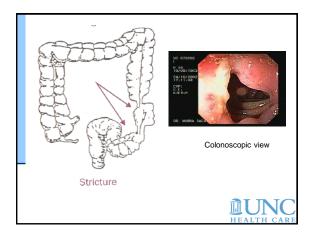
- 1. Peritonitis
- 2. uncontrolled sepsis
- 3. perforation, 4. clinical deterioration.
- Emergency operation is Indications for elective indicated for surgery include: surgery include:
 - 1. fistula formation
 - 2. Stricture
 - 3. recurrent diverticulitis. 4. After two episodes
 - one should seriously consider elective resection











Functional Results • Functional results following elective laparoscopic sigmoidectomy after CT-proven diverticulitis. - Ambrosetti et al, J Gastrointest Surg 2007 • N = 43 • Mean follow up 40 months (3-76) • Post operative questionnaire - Recurrent disease - Bowel function - New abdominal pain - Overall satisfaction • Overall satisfaction rate 95%

Diverticulitis:	Summary

Common disease

Most patients can be treated as an outpatient

Diagnosis and evaluation usually requires CT scan

Can consider referral to surgeon after two significant attacks

Refer to surgeon for fistula, stricture, chronic pain, recurrent attacks

May need colonoscopy to rule out other pathology

Most patients do well following elective surgical resection

Small number of patients go on to emergent surgical intervention with colostomy and long term sequelae

