

CHAPTER 8

Diseases and Conditions of the Digestive System

MEDICAL SPECIALTIES IN GI

- Bariatrics is concerned with the prevention and control of obesity
- Dentist specializes in the care of the teeth and oral cavity
- Dental Hygienist licensed to clean, x-ray, give flouride treatments and educate patients about hygiene.
- Gastroenterologist MD who specializes in the care of the stomach and intestines.
- Orthodontist is a dental professional who specializes in the alignment of the teeth.
- Periodontist is a dental professional who specializes in the tissues surrounding the teeth.
- Proctologist is a physician who specializes in the colon, rectum and anus.

Sign and Symptoms of Digestive Conditions

- Ascites: abnormal excess fluid in the abdomen
- Constipation: difficult elimination of hard stool
- Diarrhea: abnormal watery or loose stool
- Emesis: vomiting
- Halitosis: bad breath
- Nausea: urge to vomit
- Regurgitation: return of swallowed food from stomach
- Dehydration: fluid loss exceeds fluid intake

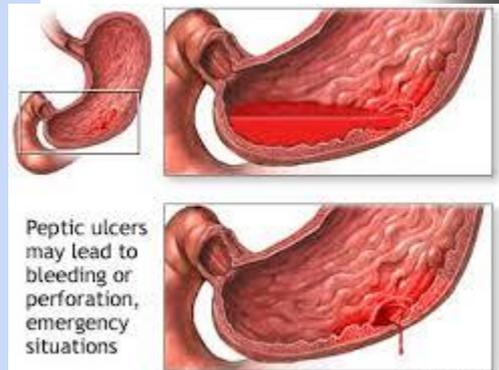
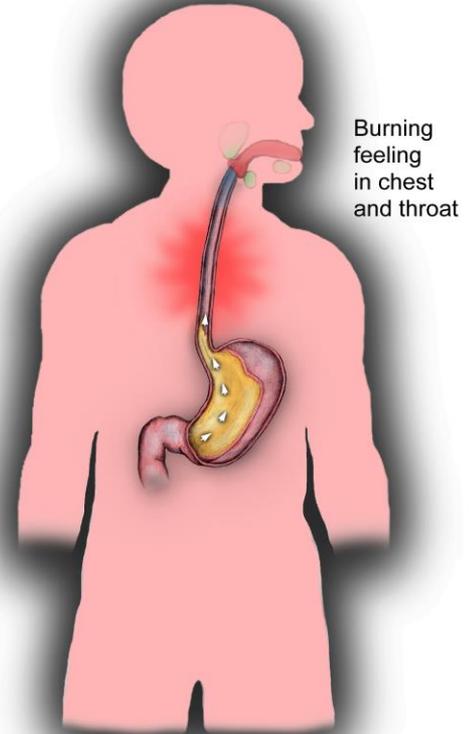
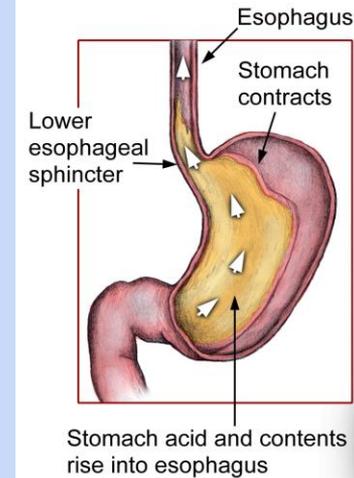


DISEASES OF THE GI SYSTEM

● **GERD** (gastroesophageal reflux disease) upward flow of acid from the stomach in to the esophagus.

● **Pyrosis** (heartburn): burning feeling in chest from GERD

● **Peptic Ulcers**: sores in the membrane of the digestive system from overproduction of stomach acid

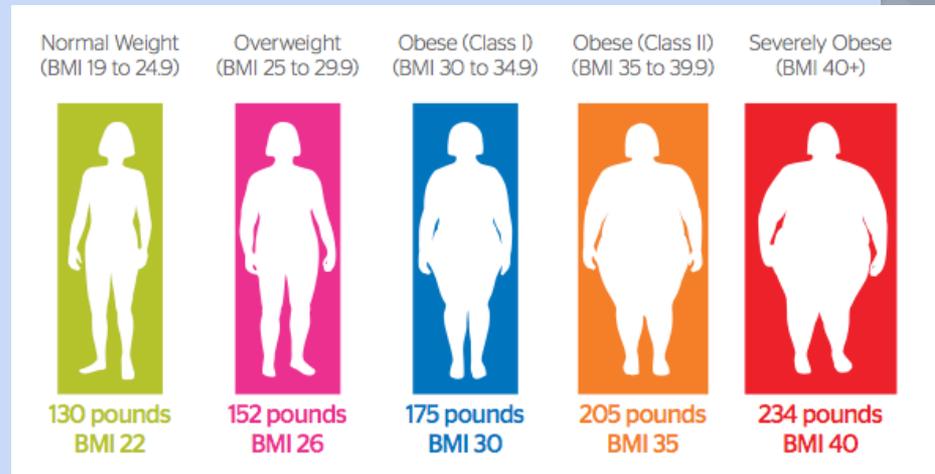


DISEASES OF THE GI SYSTEM

- **Anorexia nervosa**: self-deprivation of food and normal body weight that is a psychiatric disorder that affects the digestive system.
- **Bulimia nervosa** : eating disorder characterized by frequent episodes of bingeing and purging.
- **Obesity**: excessive accumulation of fat in the body. Generally more than 30% overweight.

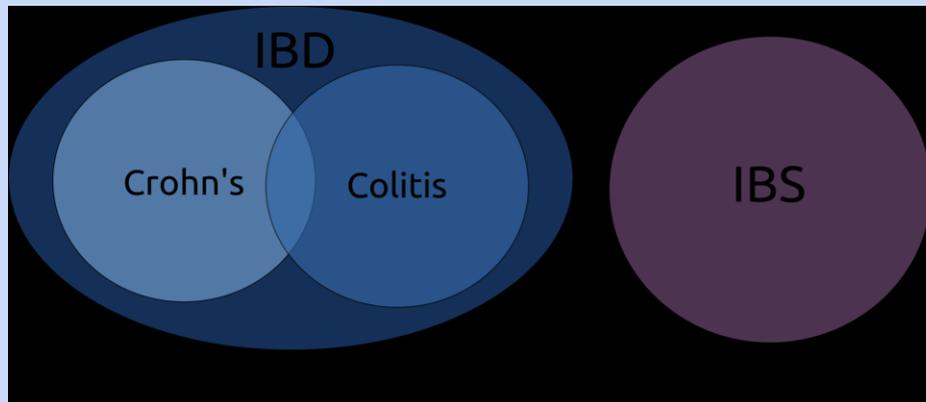
SYMPTOMS

- Intense fear of gaining weight or becoming fat
- Very poor self image
- Body weight and shape is directly related to how good they feel about themselves
- Denial about the fact that they even have a disorder
- Always thinking that they are bigger than what they really are



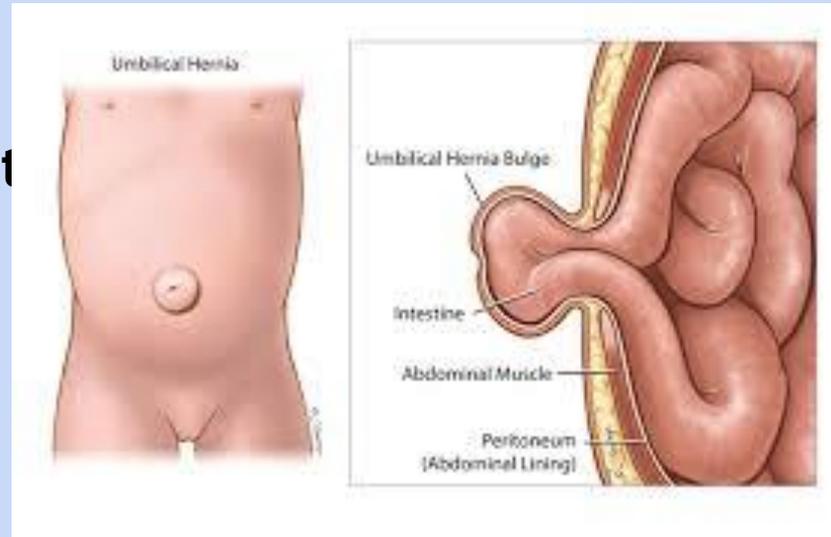
DISEASES OF THE GI SYSTEM

- **IBS** (irritable bowel syndrome) common condition of unknown cause with symptoms of cramping, pain, constipation and /or diarrhea.
- **IBD** (inflammatory bowel disease) general term for disease that cause inflammation of the intestine
 - Crohn's Disease-inflammation of the lining of digestive tract causing fatigue, diarrhea, weight loss
 - Colitis-inflammation of digestive tract causing pain, bloating, vomiting



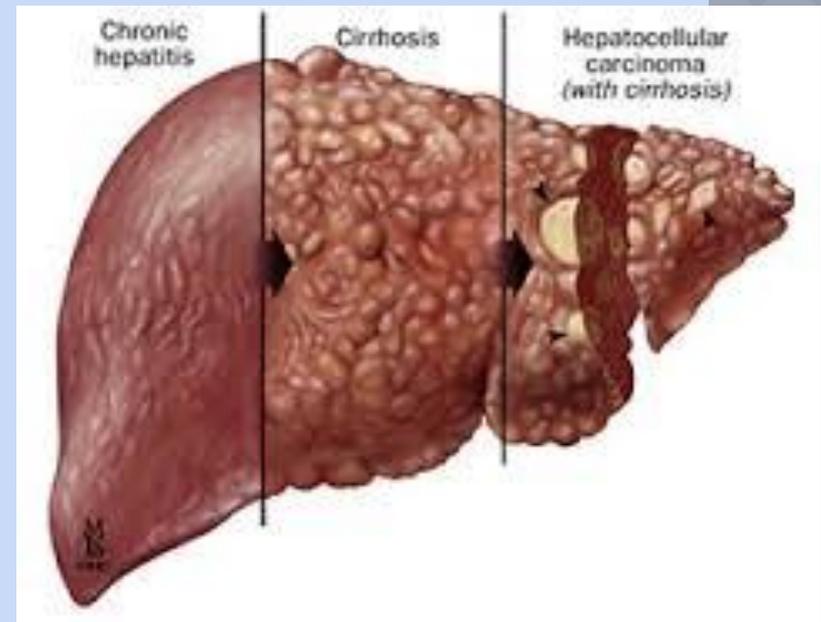
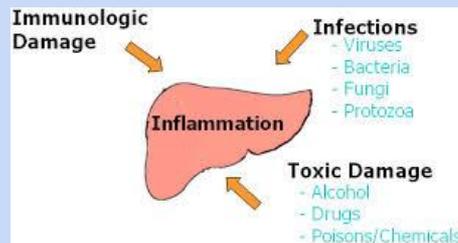
DISEASES OF THE GI SYSTEM

- **Hernia**: protrusion of an organ/structure through the muscle that usually contains it
- **Dental Caries**: tooth decay including cavities
- **Celiac Disease**: malabsorption condition with weight loss and diarrhea thought to be caused by an intolerance of gluten



DISEASES OF THE GI SYSTEM

- **Hepatitis** inflammation of the liver caused by viral infection, drugs, alcohol, and/or fatty liver.
 - Can cause **jaundice** (yellow discoloration of skin and eyes due to liver damage)
- **Cirrhosis** scarring of the liver often caused by excessive alcohol consumption, drugs, or hepatitis



Videos

https://www.youtube.com/watch?v=_QYwscALNng

<https://www.youtube.com/watch?v=GTvnjaUU6Xk>