

Dysphagia → defines swallowing disorder Changes associated with neurodegenerative disease can affect every stage of the swallow Changes occur because of decreased force of movement, decreased range of motion, slowness of movement and a decreased ability to adapt to changes in volume and consistency of foods and liquids, as well as changes in reflexes involved in swallowing and airway protection Dysphagia has real health consequences → weight loss, reduced quality of life, and aspiration pneumonia Dysphagia can also be linked to social isolation

Abdominal pain or discomfort Bloating or distension Diarrhea Constipation Accidental stool leakage or incontinence Problems in the passage of food or stool Any combination of these symptoms





UPPER GI SYMPTOMS

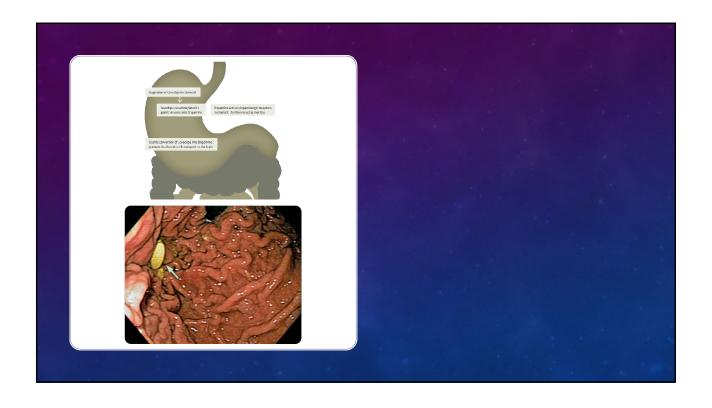
Slowing down and reduction of the swallow response, resulting in drooling or repeated swallows being required in early stages od disease.

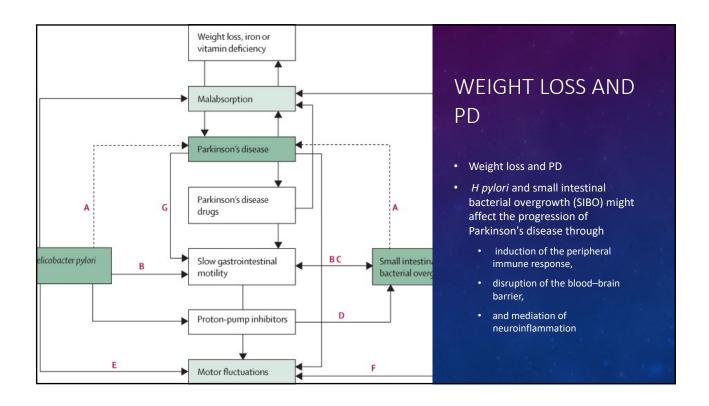
May worsen, which can be silent (not noticed) or associated with coughing, choking, or pneumonia.

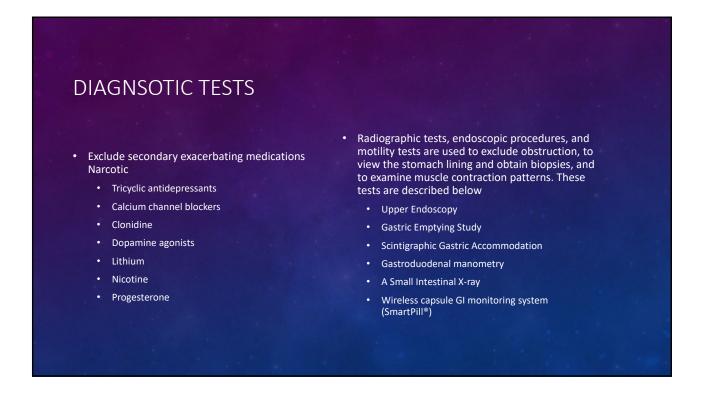
Stomach specific symptoms include bloating, indigestion, and early satiety, which typically reflect delayed stomach (gastric) emptying, sometimes known as gastroparesis.

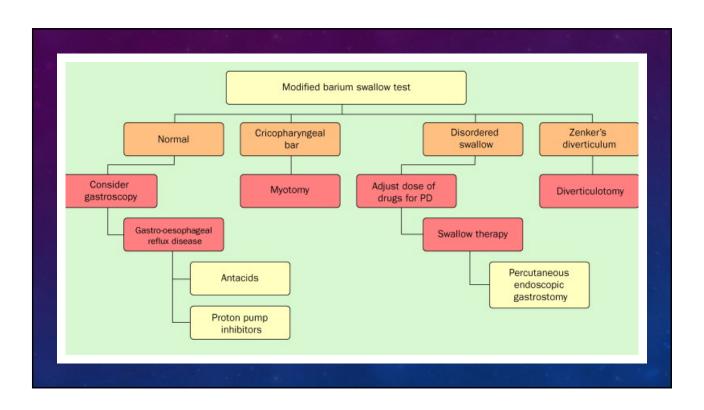
GASTROPARESIS



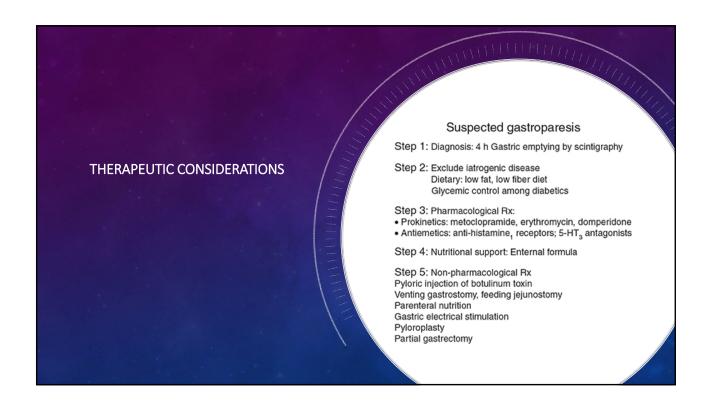




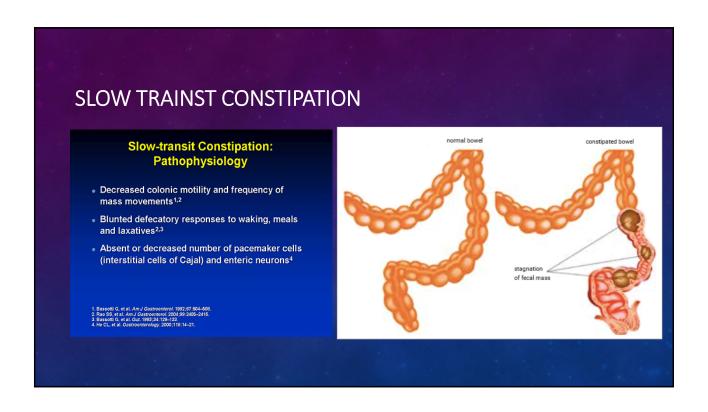


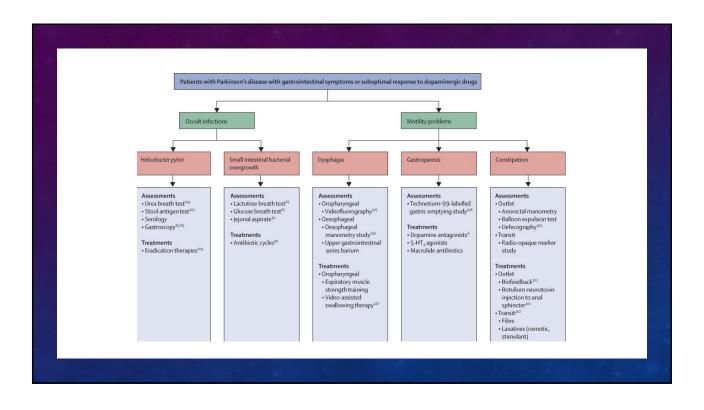


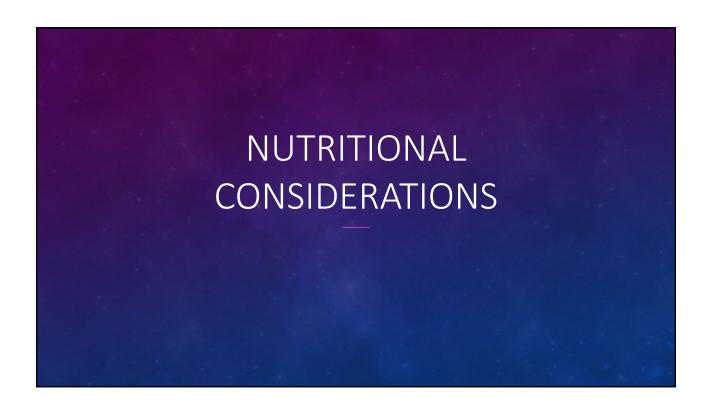


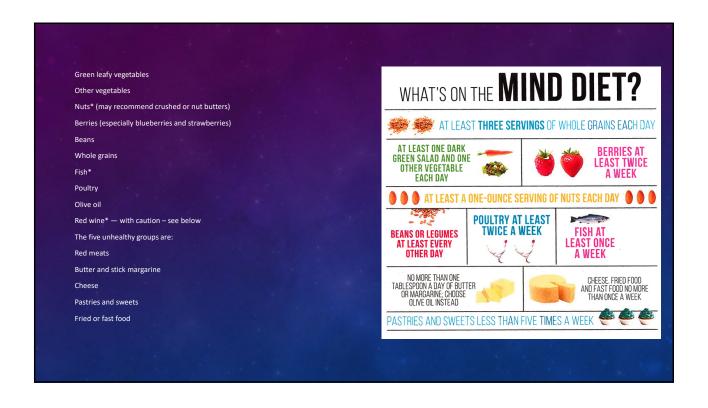












25 and 38 grams of dietary fiber per day are recommended for women and men, respectively. CONSTIPATION The average American adult consumes only 15 grams of fiber per day. Adequate fluid intake is essential with increased fiber intake.

Change in diet or activity Lowered activity – Exercise and increased activity will assist in establishing regular bowel patterns. • Diet – Be sure to include fiber-rich foods: bran, wholegrain breads - oat, rye, fruits, vegetables (leave peel on), whole-grain cereals, oatmeal, pasta, nuts, popcorn and brown rice. **THERAPUETIC** • Medications – narcotics, sedatives, antacids, antispasmodics, CONSIDERATIONS iron supplements Not drinking enough fluids – Drink at least 6 to 8, 8 ounce glasses of fluids per day. This is all inclusive (everything you drink like water, tea, coffee, juice, colas, etc.), but water is best, and we encourage you to drink primarily water. Bladder patients should reduce fluid intake after the evening meal.

Medications Bulk producing: Metamucil, Fibercom or Citrucel. Mix 1-2 Tablespoons in juice or water and take by mouth 1 to 2 times daily. This adds consistency or bulk to the stool and facilitates water retention in stool – must take adequate fluids by mouth to avoid causing constipation. **Note:** some practitioners do not recommend these but other practitioners find it useful. See the quote below. Stool Softeners: Colace. Softens stool by facilitating the admixture of fat and water (detergent activity). Do not use with mineral oil. Take 1 tablet by mouth 1 to 2 PHARMACOLOGICAL times daily. • Combinations: Pericolace. Mild stool softener and laxative combined. Take by CONSIDERATIONS mouth 1 to 2 times daily. Irritant/Stimulant: Products containing Senna. Laxative with direct action on the intestinal mucosa and the nervous plexus of the bowel. Suppositories: Glycerin, Dulcolax. Inserted rectally every other day or when needed. Stimulates the rectum and assists with evacuation.



