

INE: Digestion: Assessment and Overview of the Digestive System



INE INSTITUTE OF
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ENDOCRINOLOGY

Digestion: Assessment and Overview of the Digestive System

Dr. Ritamarie Loscalzo

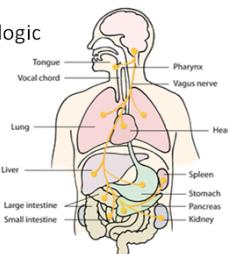
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Why Study Digestion?

- ✓ **Effects on Brain:** shared embryologic tissue, connected via the Vagus nerve
- ✓ **You what you digest and absorb,** not just what you eat
- ✓ **Protective Barrier:** 70 percent of the immune system is located right in the gut lining - GALT (gut associated lymphoid tissue)
- ✓ Impact body wide
- ✓ Be able to communicate with your client's other providers

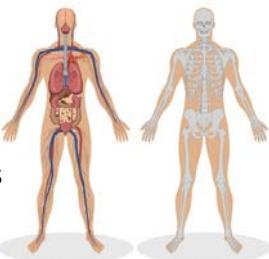


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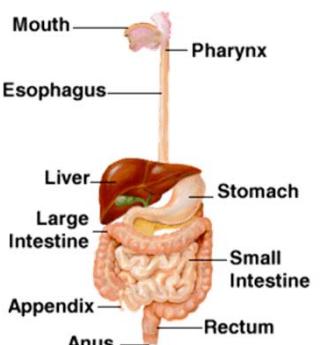
Digestion Influences Other Body Systems

1. Nutritional deficiencies
2. Inflammation
3. Toxin absorption
4. Immune stress
5. Hormone imbalances
6. Neurotransmitters



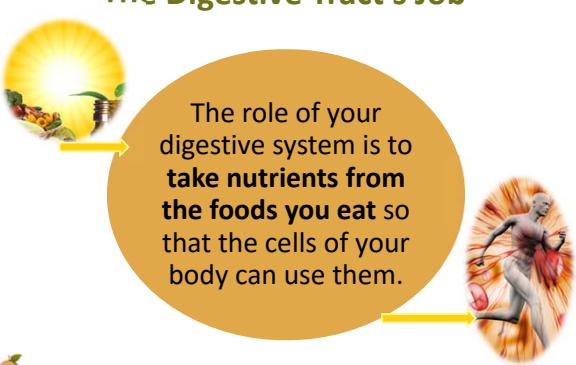
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The Digestive Tract



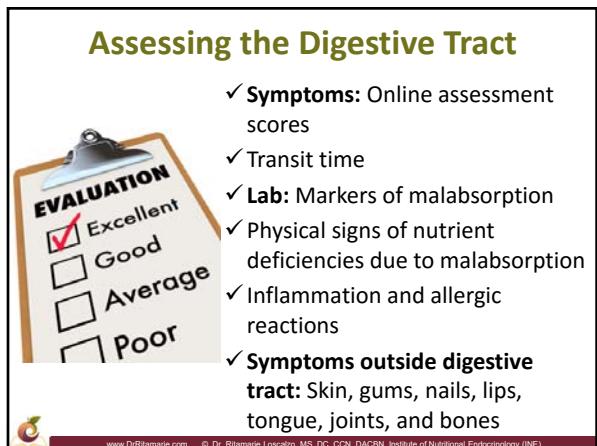
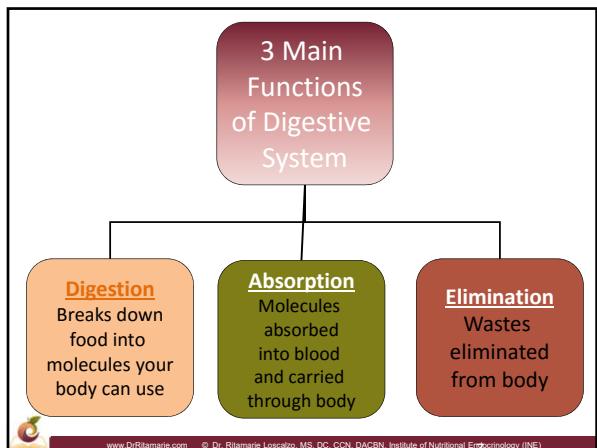
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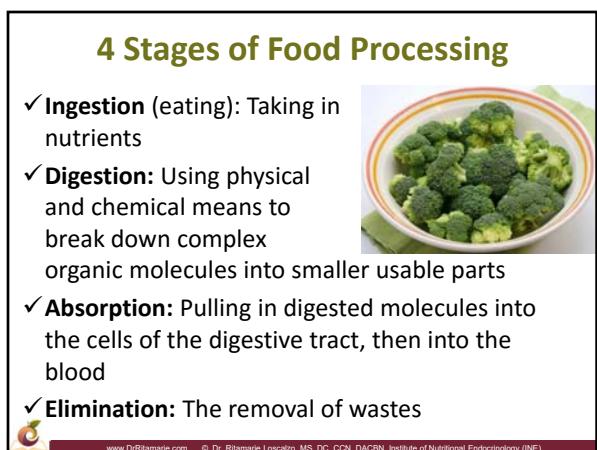
The Digestive Tract's Job



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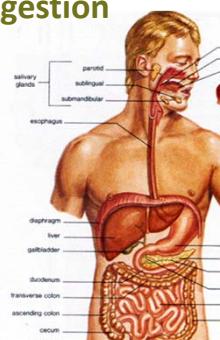
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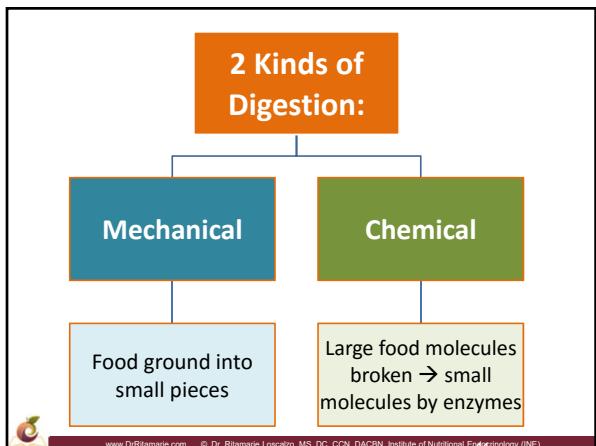


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Four Phases Of Digestion

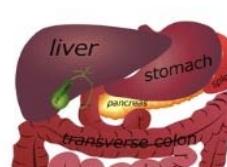


- ✓ Cephalic phase
- ✓ Esophageal phase
- ✓ Gastric phase
- ✓ Intestinal phase



Basic Anatomy of Digestion

- ✓ Mind
- ✓ Mouth
- ✓ Esophagus
- ✓ Stomach
- ✓ Small intestine
- ✓ Liver
- ✓ Gall bladder
- ✓ Pancreas
- ✓ Large intestine



The diagram illustrates the human digestive system. It shows the liver at the top left, followed by the stomach. Below the stomach is the pancreas. The intestines are depicted as a series of pinkish-red, coiled tubes. The transverse colon is labeled, and the large intestine is shown as the final, straighter section of the bowel.