
Digestive Organ Job Description

The Small Intestine

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Physical Requirements:

Diameter of 1 to 1.5 inches, length of almost 20 feet with a surface area of approximately 2400 square feet.

Consists of three parts in successive order: duodenum, jejunum, ileum.

Responsibilities:

Absorption of the majority of nutrients

Signals the stomach to stop producing stomach acid

Regulates the flow of chyme into the intestinal tract

Neutralizes hydrochloric acid

Signals digestive juices to flow from the pancreas and gallbladder

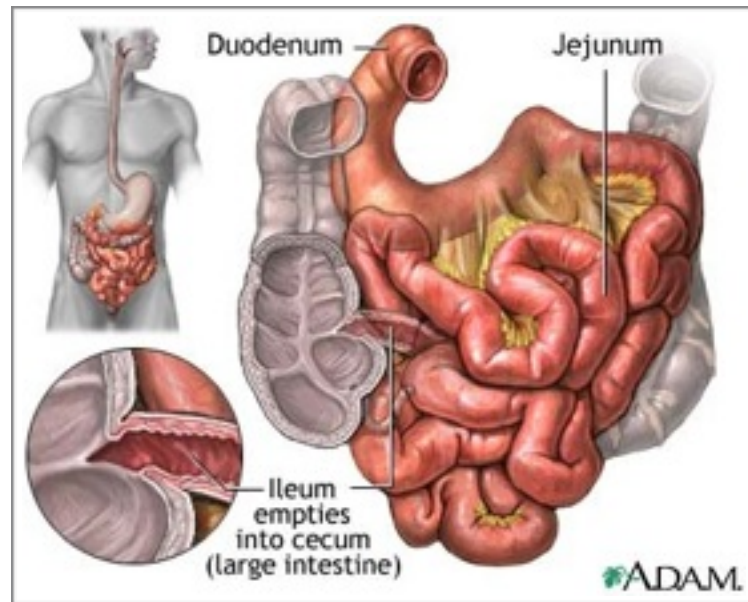
supports the body's immune system

Chemical and mechanical completion of digestion

Disorders:

Obstructions

Infections and diseases, including Giardiasis, Ascariasis, Tropical sprue, Tape worm infestation, cancer



REFERENCES:

BAUMAN, ED P.H.D.(2012). FOUNDATIONS OF NUTRITION. BAUMAN COLLEGE

WEBSITE IMAGE: [HTTP://DXLINE.INFO/DICTIONARY/SMALL-INTESTINE](http://dxline.info/dictionary/small-intestine)

WEBSITE: [HTTP://EN.WIKIPEDIA.ORG/WIKI/SMALL_INTESTINE](http://en.wikipedia.org/wiki/Small_Intestine)
