

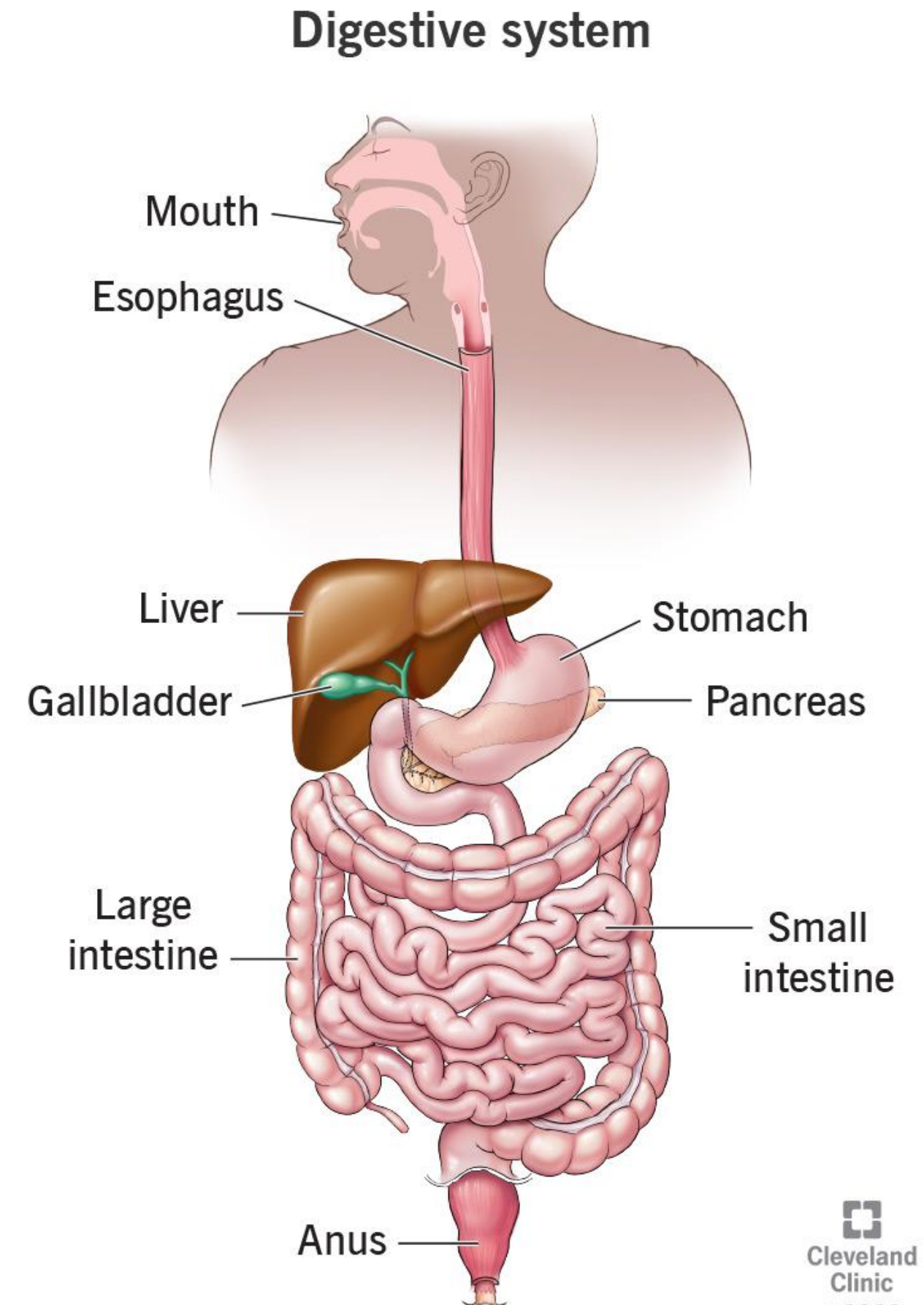


Terms Concerning the Gastrointestinal Tract

جامعة ساوة
كلية التقنيات الصحية والطبية
قسم تقنيات البصريات
المرحلة الثانية

gastrointestinal (GI) system

- The **gastrointestinal (GI) system** or **digestive system** is a long tube from the **mouth** to the **anus**.
- Its main functions are to **digest food**, **absorb nutrients**, and **remove waste**.
- Steps of digestion:**
 - 1.**Ingestion** – taking food into the mouth.
 - 2.**Digestion** – breaking food into smaller, absorbable parts.
 - 3.**Absorption** – nutrients enter the bloodstream.
 - 4.**Elimination** – waste is expelled through the anus.
- Main organs:** mouth, esophagus, stomach, small intestine, large intestine, rectum, anus.
- Accessory organs:** liver, gallbladder, pancreas.



Common Word Roots

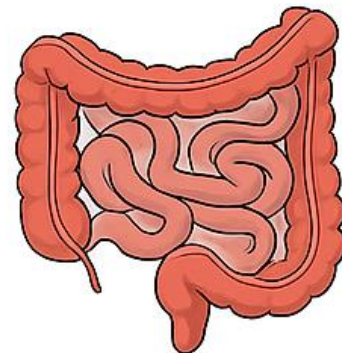
Word Root	Meaning	Example	Meaning of Example
or/o	mouth	<i>oral</i>	pertaining to the mouth
gastr/o	stomach	<i>gastritis</i>	inflammation of the stomach
enter/o	intestine	<i>enteritis</i>	inflammation of the intestine
col/o	colon	<i>colitis</i>	inflammation of the colon
hepat/o	liver	<i>hepatitis</i>	inflammation of the liver
pancreat/o	pancreas	<i>pancreatitis</i>	inflammation of the pancreas



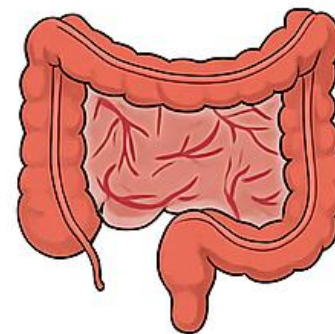
ORAL



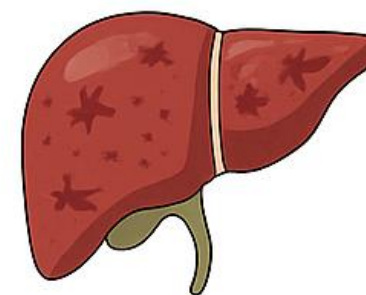
GASTRITIS



ENTERITIS



COLITIS



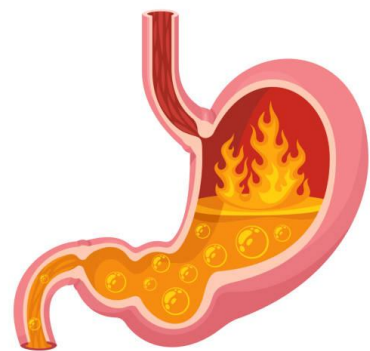
HEPATITIS



PANCREATITIS

Important Prefixes & Suffixes

Part	Type	Meaning	Example	Meaning of Example
dys-	Prefix	difficult, painful	<i>dyspepsia</i>	difficult digestion
hyper-	Prefix	excessive	<i>hyperacidity</i>	too much acid
hypo-	Prefix	low, below	<i>hypoglycemia</i>	low blood sugar
-itis	Suffix	inflammation	<i>hepatitis</i>	inflammation of the liver
-megaly	Suffix	enlargement	<i>hepatomegaly</i>	enlarged liver
-rrhea	Suffix	flow, discharge	<i>diarrhea</i>	frequent watery stool
-ectomy	Suffix	surgical removal	<i>appendectomy</i>	removal of appendix
-scopy	Suffix	viewing or examination	<i>endoscopy</i>	internal viewing



dyspepsia



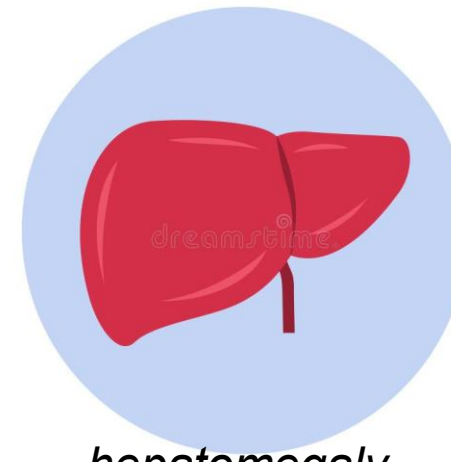
hyperacidity



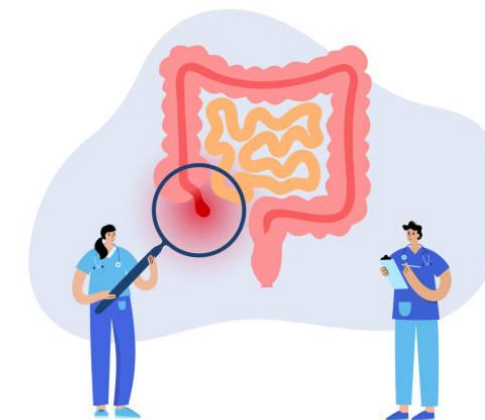
hypoglycemia



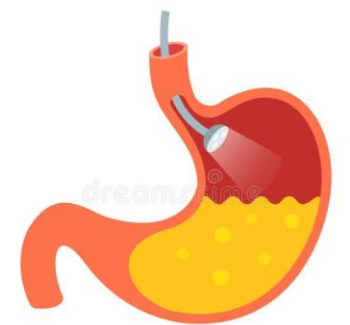
hepatitis



hepatomegaly



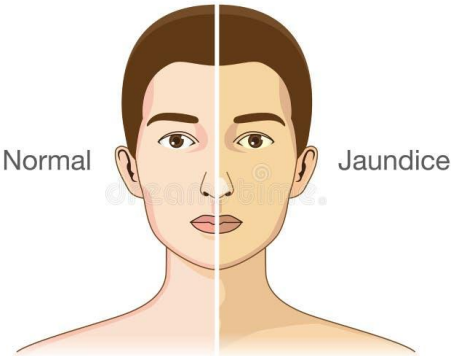
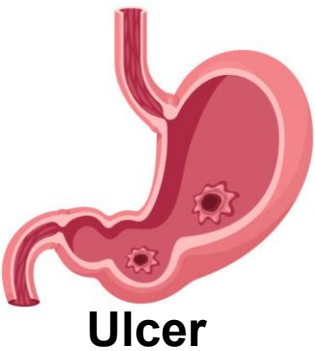
appendectomy



endoscopy

Common Terms

Term	Meaning
Digestion	Breakdown of food into simple form
Absorption	Uptake of nutrients into the blood
Constipation	Difficulty in passing stool
Diarrhea	Watery bowel movements
Nausea	Feeling before vomiting
Vomiting (Emesis)	Expulsion of stomach contents
Jaundice	Yellow discoloration due to liver problem
Gastritis	Inflammation of stomach lining
Hepatitis	Inflammation of the liver
Ulcer	Open sore on stomach or intestine



Cardiovascular System

Term	Meaning
Endoscopy	Visual examination of digestive tract
Colonoscopy	Examination of the colon
Appendectomy	Removal of the appendix
Cholecystectomy	Removal of the gallbladder

