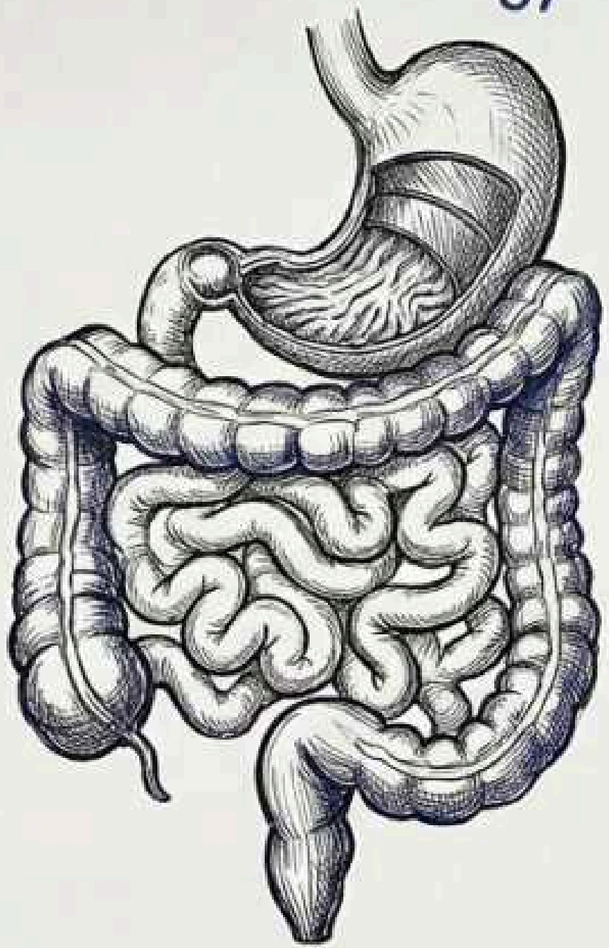
¶ 0.1

MED 524 B

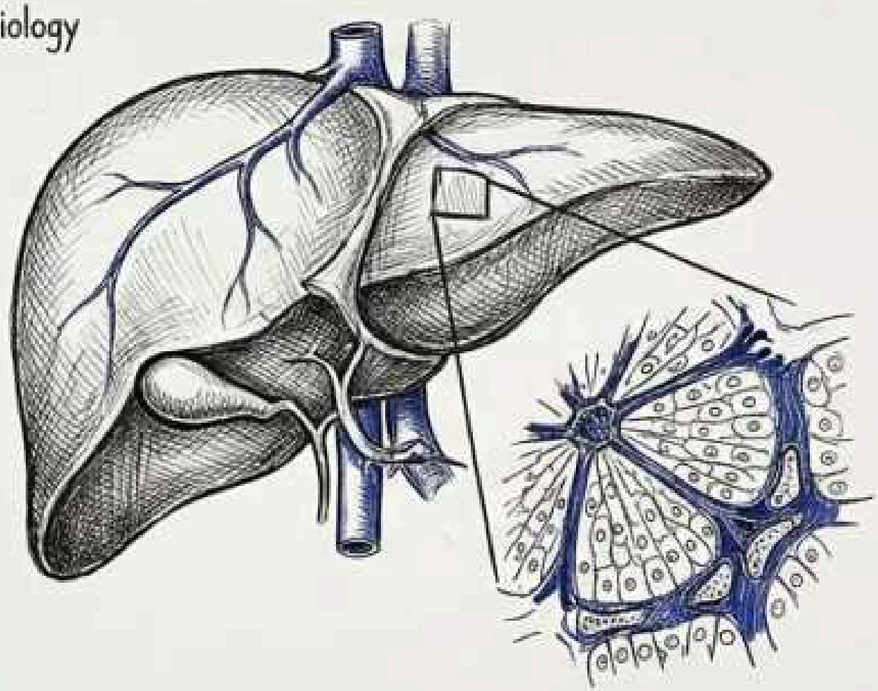
Year 2 / Autumn Course

Model: Harvard/MIT HST Pathophysiology

Gastroenterology



Hepatology



Gemini Notebook



Gary Anderson

Questions & Feedback Welcome

Email: garyanderson@mail.grokbot.com

X (Twitter): @garyanderson

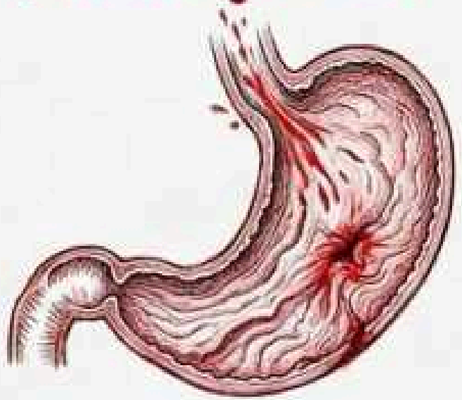
Gemini Notebook

¶ 0.3

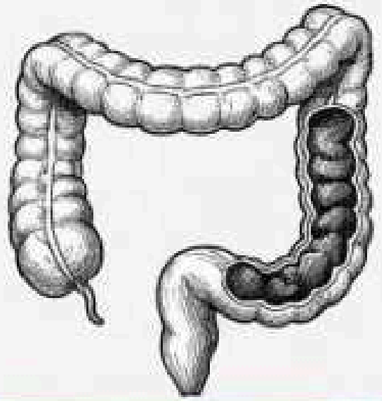
Medical Knowledge ≠ Medical Training.

No clinical skills, licence, or medical advice granted.

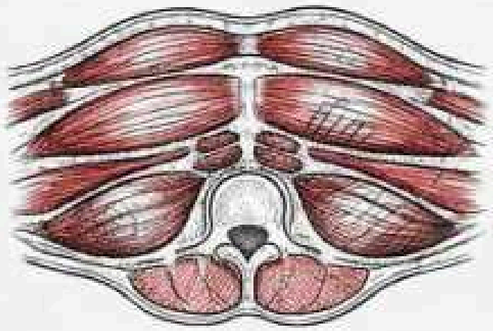
Vomiting blood



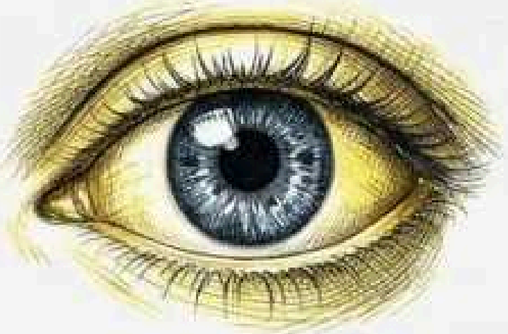
Black tarry stools



Severe abdominal pain



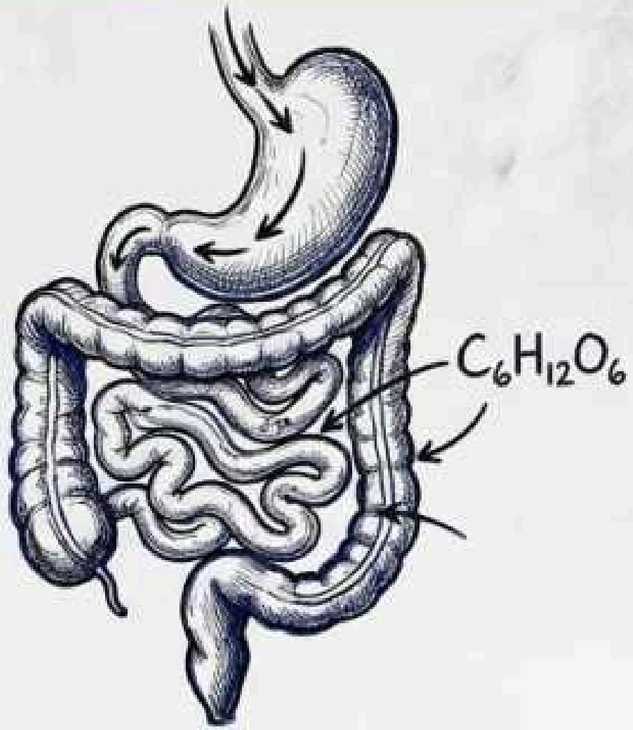
Yellowing of the skin



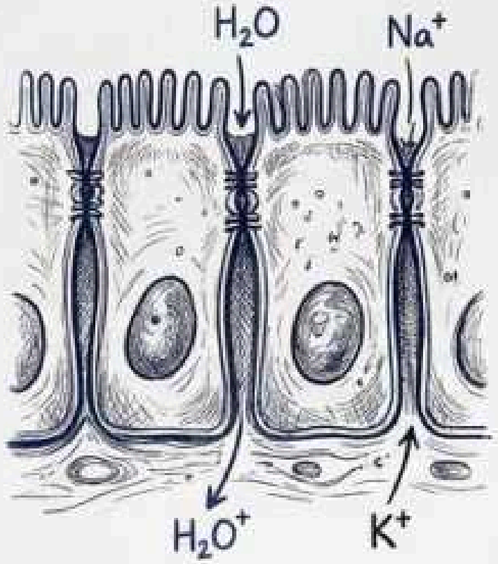
Gemini Notebook

¶ 0.4

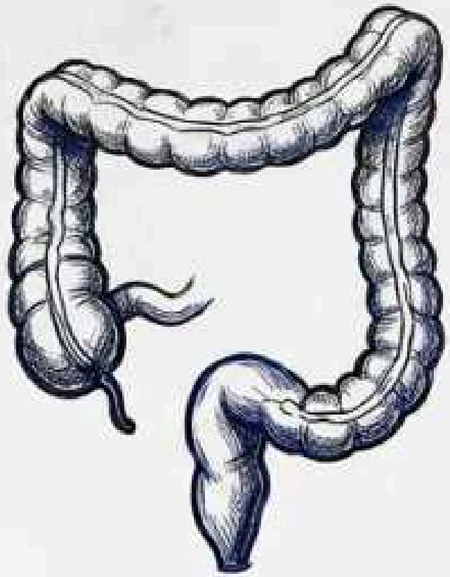
Pillar 1
Input/Processing



Pillar 2
Barrier



Pillar 3
Waste



Heartburn → Irritable Bowel Syndrome → Colorectal Cancer

Irritable Bowel Syndrome → Liver Cirrhosis → Colorectal Cancer

One of the most common cancers worldwide

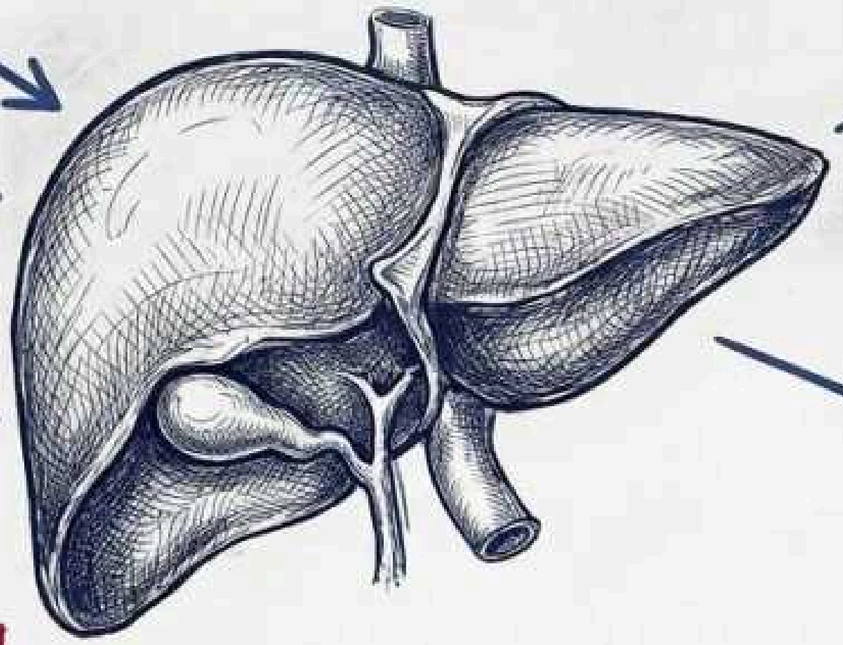
Gemini Notebook

¶ 0.5

Nutrients

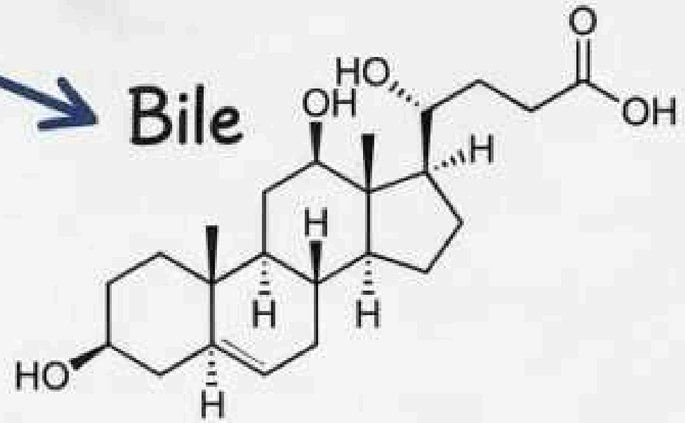
Drugs/Toxins

CH_3CH_2OH



Blood Proteins

Bile

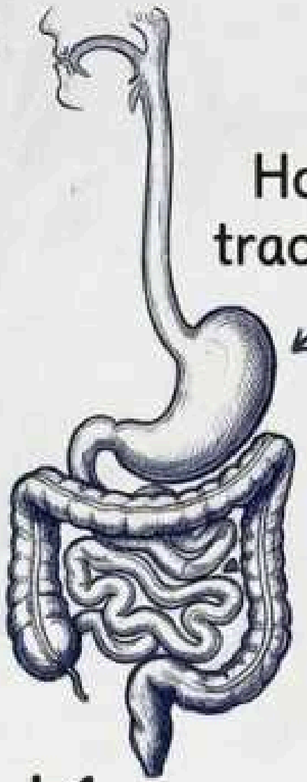


Often Silent Until Advanced.
Preventable Causes:

1. Alcohol
2. Obesity
3. Viral Hepatitis

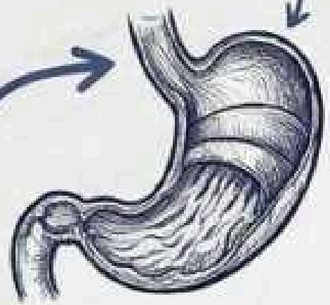
Gemini Notebook

¶ 0.6



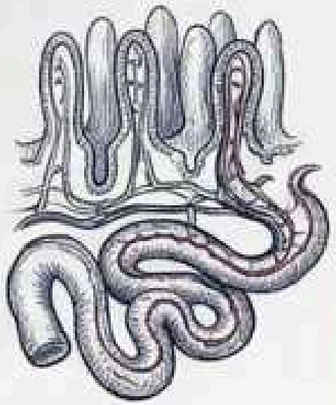
L1
How the tract works

L1



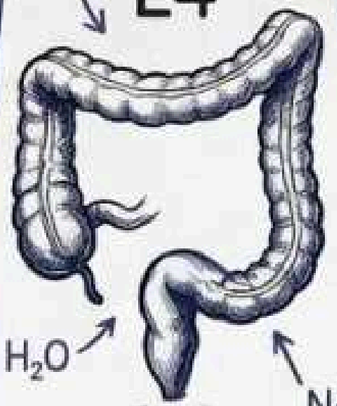
L2

L2
Esophagus



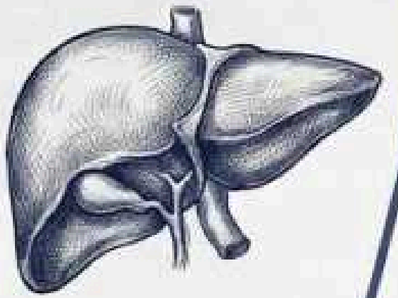
L3
Absorption & Diarrhoea

Absorption & Diarrhoea



L4

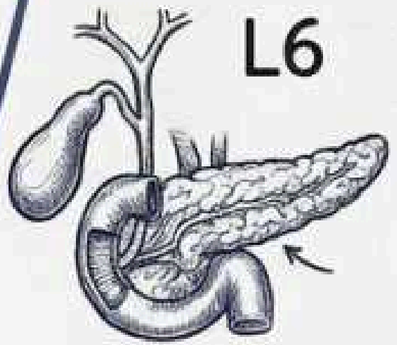
L4
IBD & Colorectal Cancer



L5

L5
Liver & its diseases

L6
Cirrhosis, Pancreas, Gallbladder



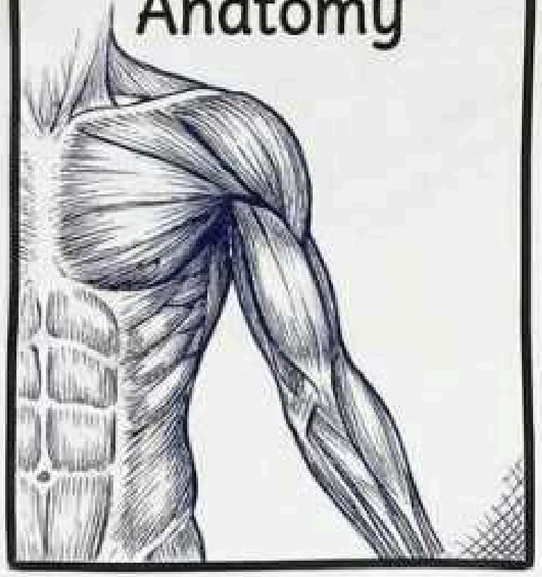
L6

L6

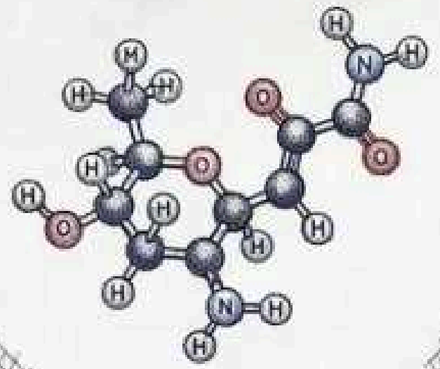
¶ 0.7

MED 524 B

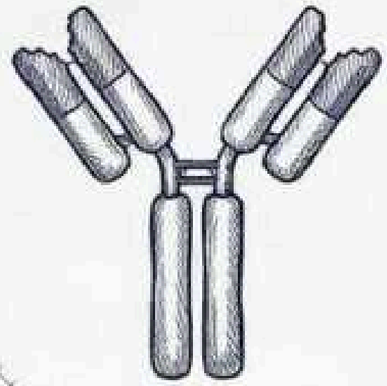
MED 501 B
Anatomy



MED 502 B
Biochemistry



MED 504 B
Immunology



NUTR 101 B
Nutrition

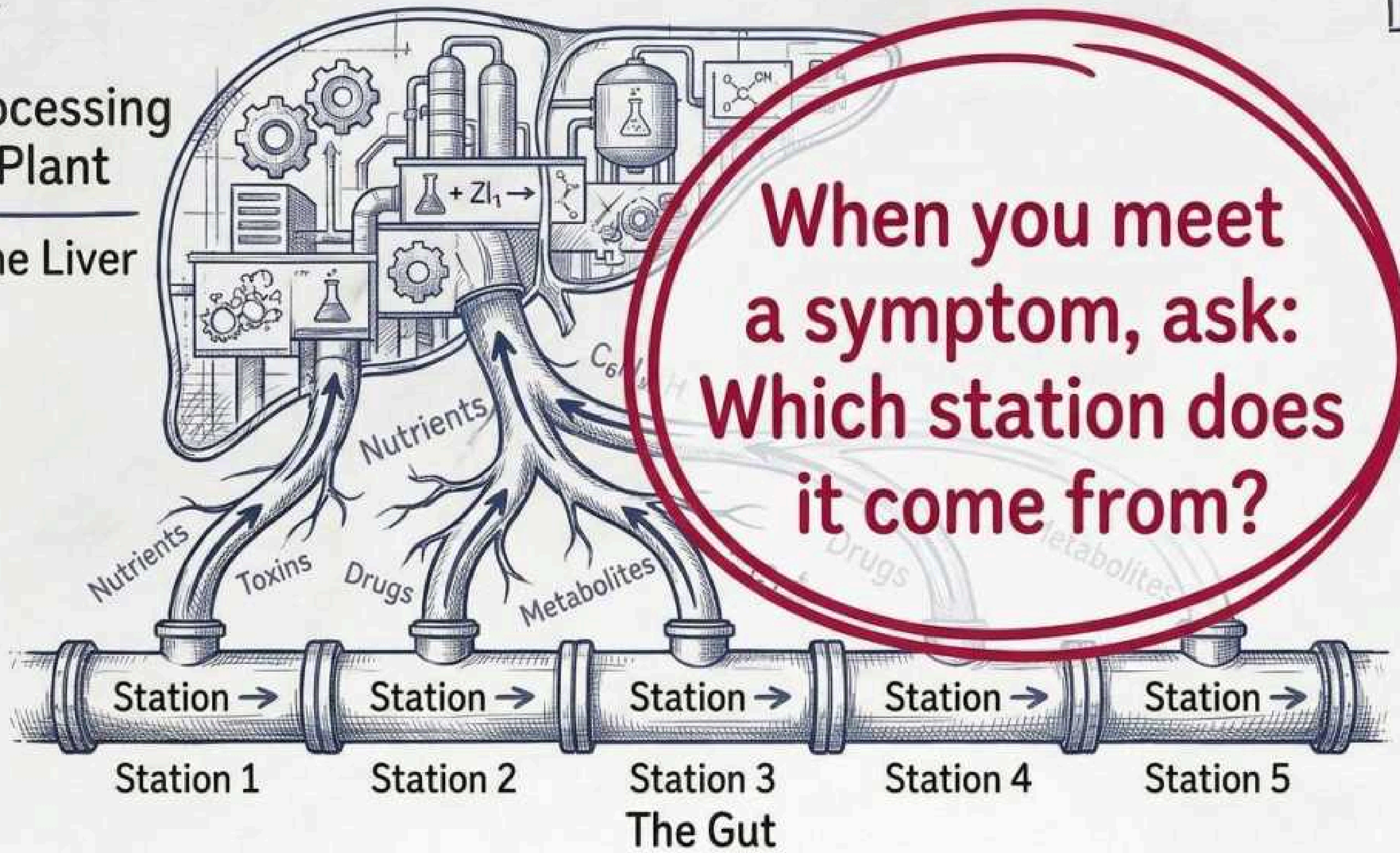


Gemini Notebook

¶ 0.8

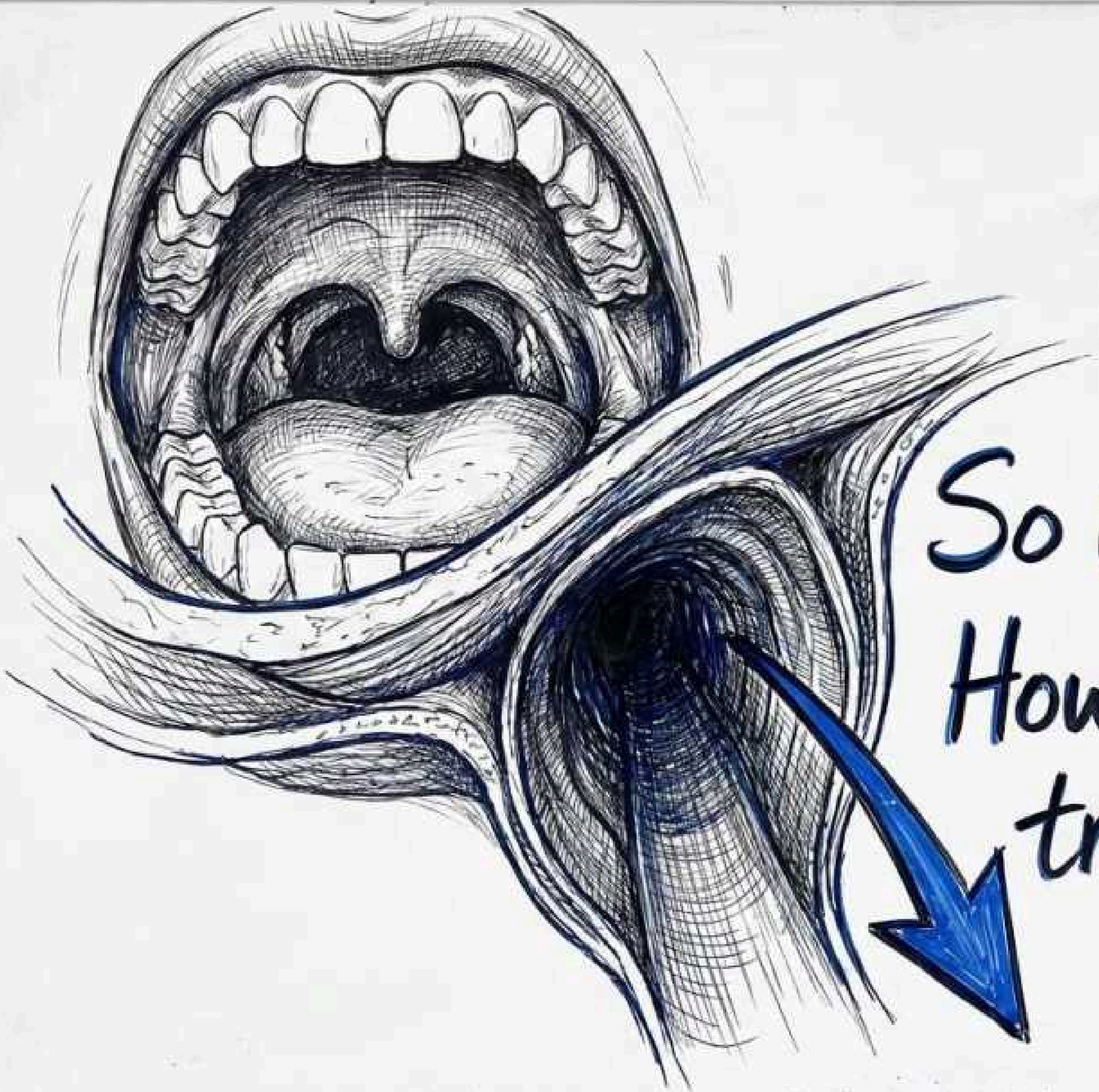
Processing Plant

The Liver



When you meet a symptom, ask: Which station does it come from?

¶0.9



So let us begin:
How the digestive tract works.

Gemini Notebook