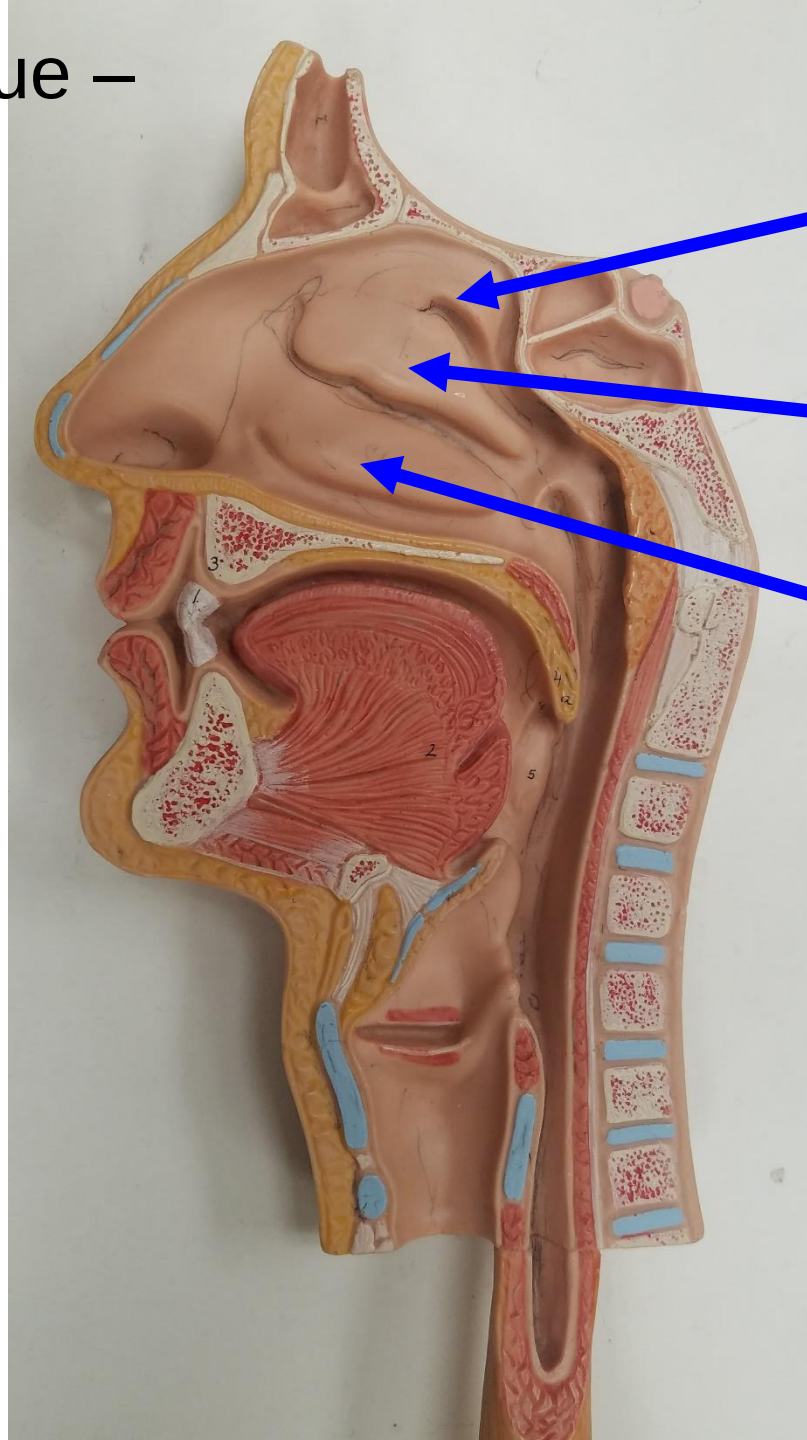


Digestive System Models

Digestive System Plaque



Digestive System Plaque – Superior View



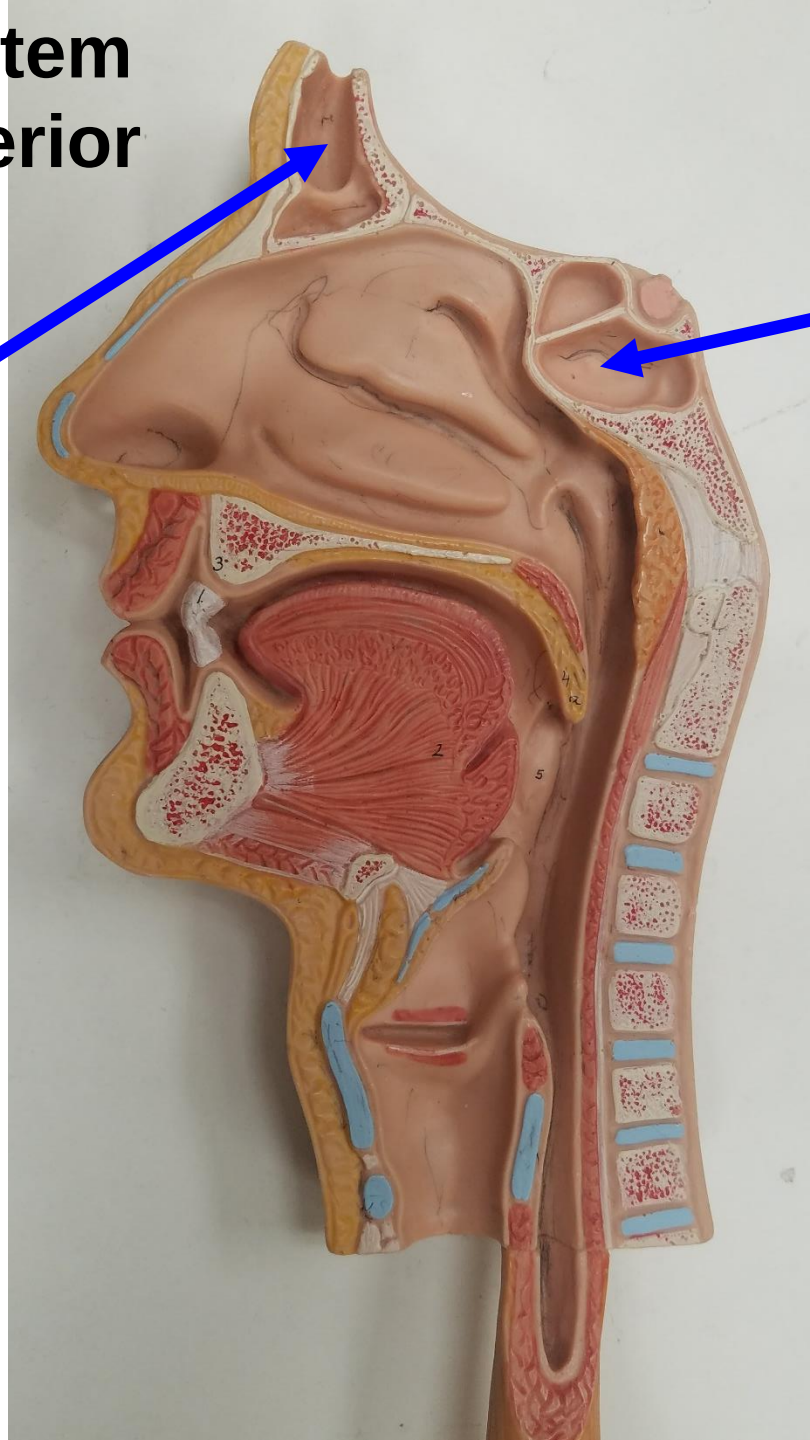
**Superior Nasal
Concha(e)**

**Middle Nasal
Concha(e)**

**Inferior
Nasal
Concha(e)**

**Digestive System
Plaque – Superior
View**

Frontal Sinus



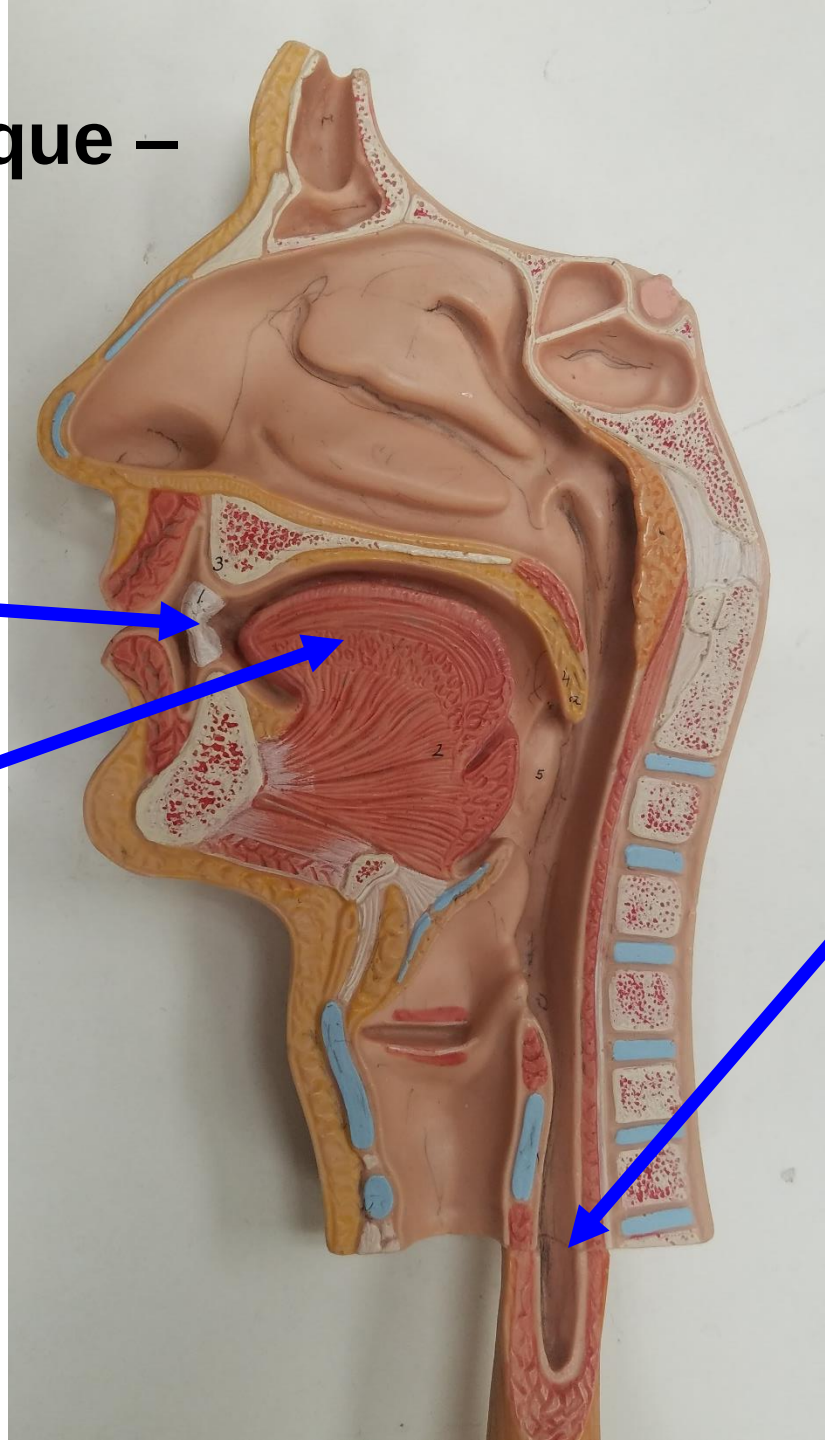
**Sphenoid or
Sphenoidal
Sinus**

Digestive System Plaque – Superior View

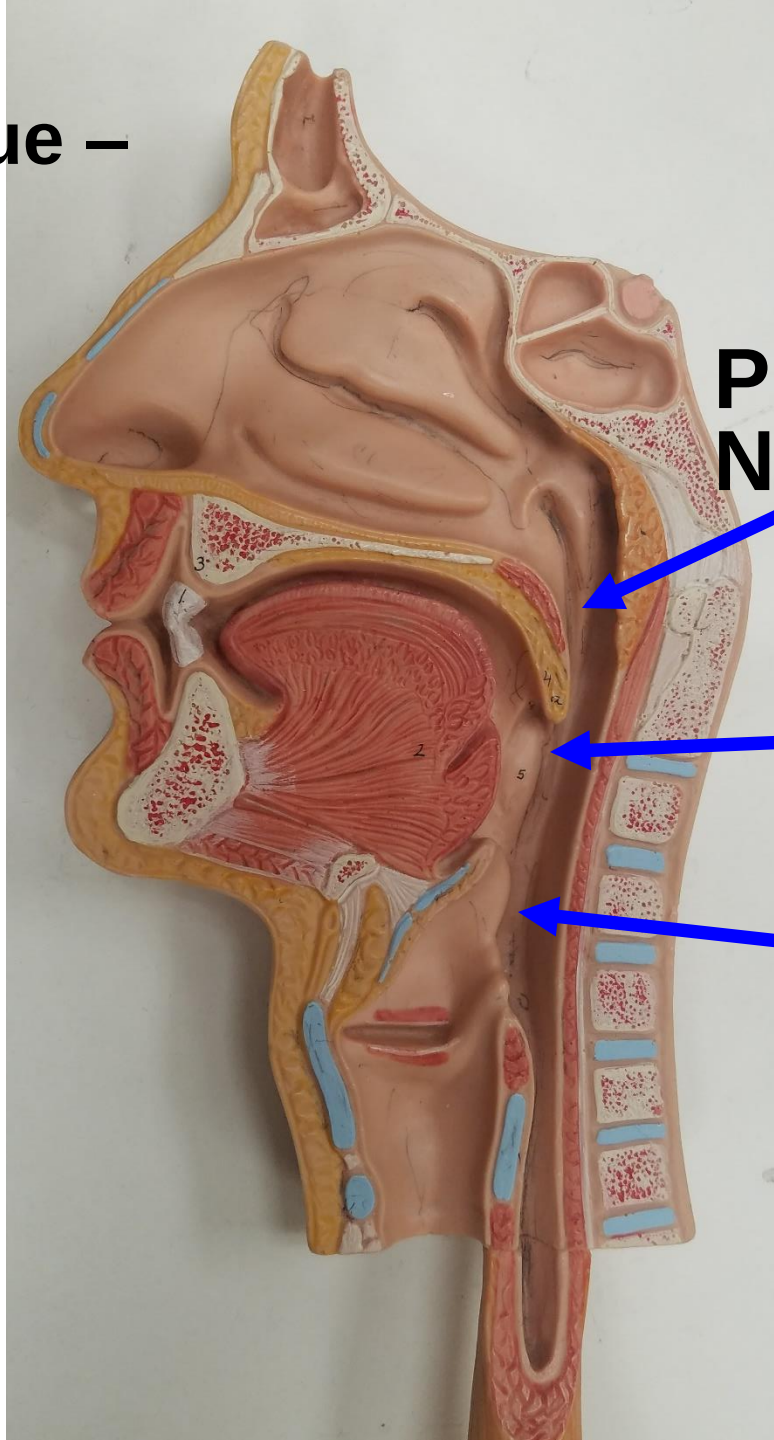
Teeth

Tongue

Esophagus



Digestive System Plaque – Superior View



**Pharynx -
Nasopharynx**

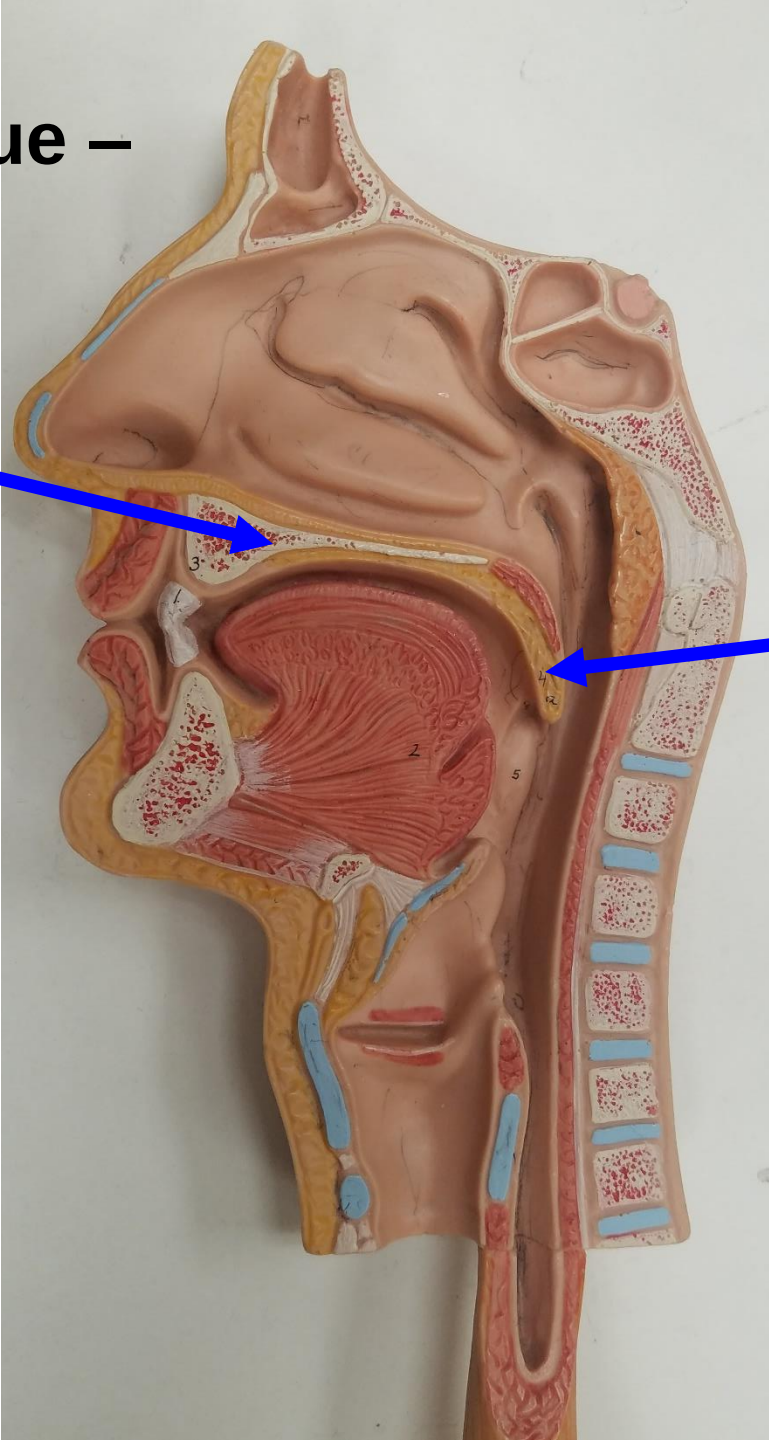
**Pharynx -
Oropharynx**

**Pharynx -
Laryngopharynx**

Digestive System Plaque – Superior View

Hard Palate

Uvula

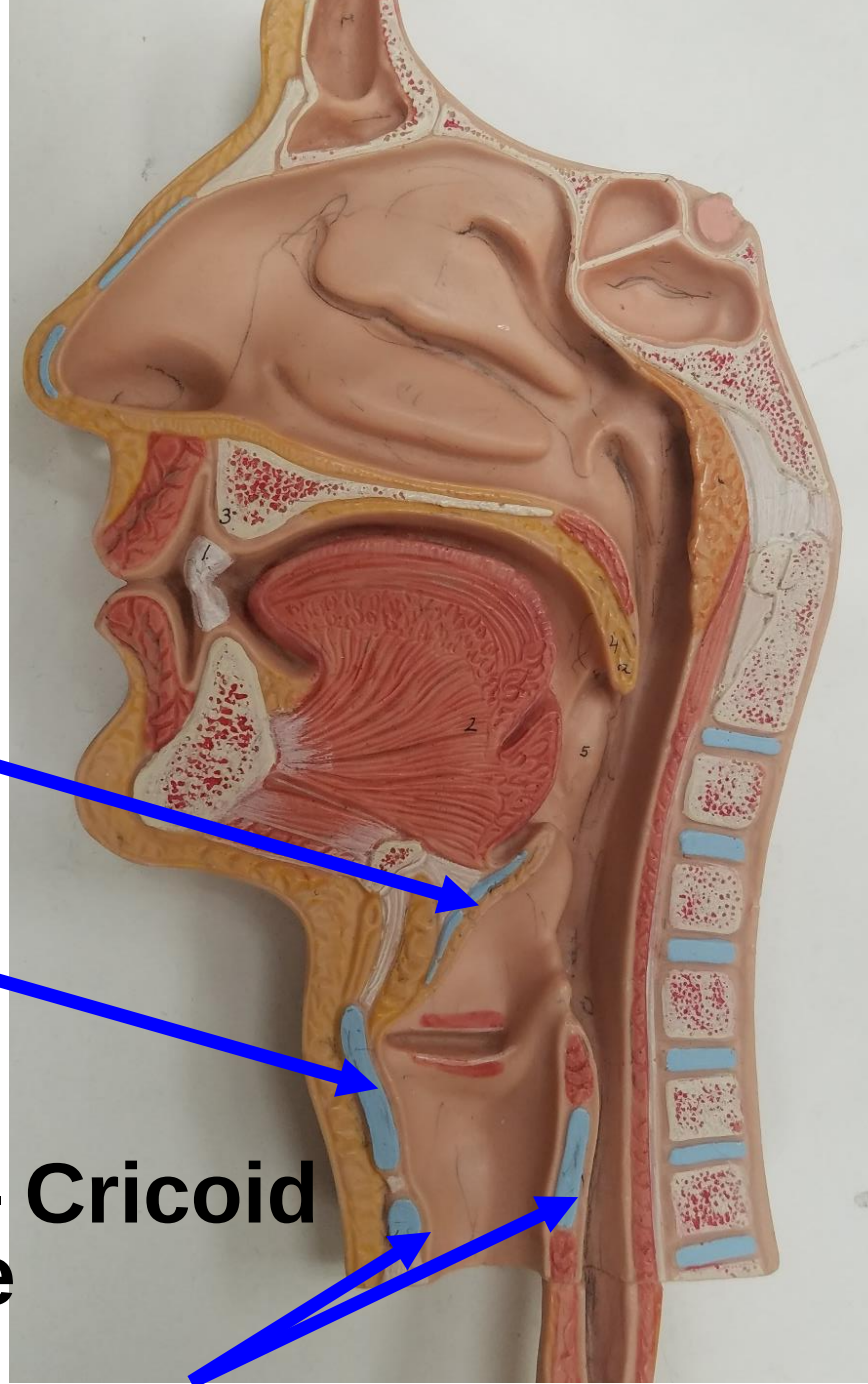


Digestive System Plaque – Superior View

Larynx -
Epiglottis

Larynx –
Thyroid Cartilage

Larynx – Cricoid
Cartilage

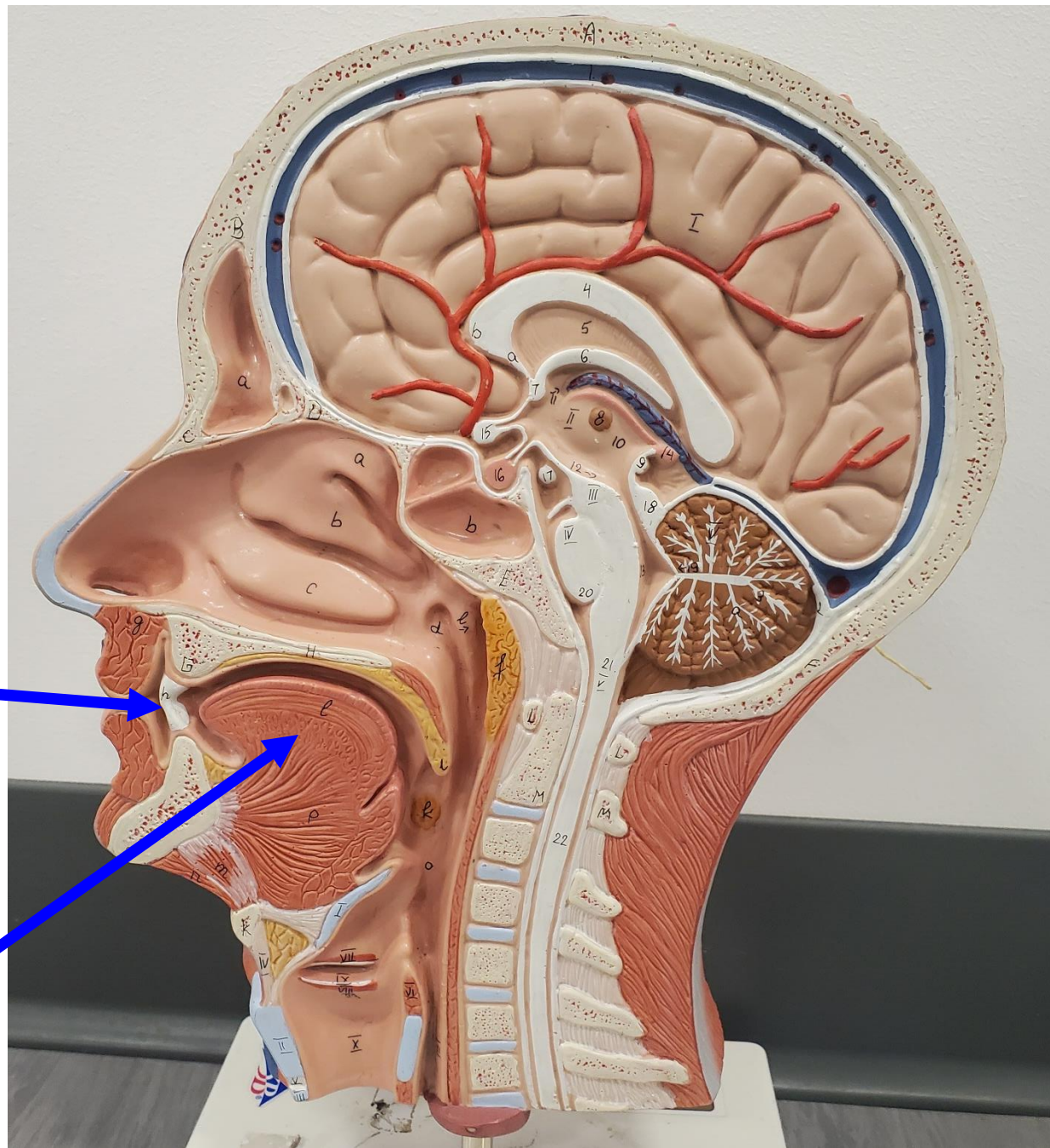


Sagittal Head

Do not forget to study all
structures from the
Anatomy of the
Respiratory System

Teeth

Tongue



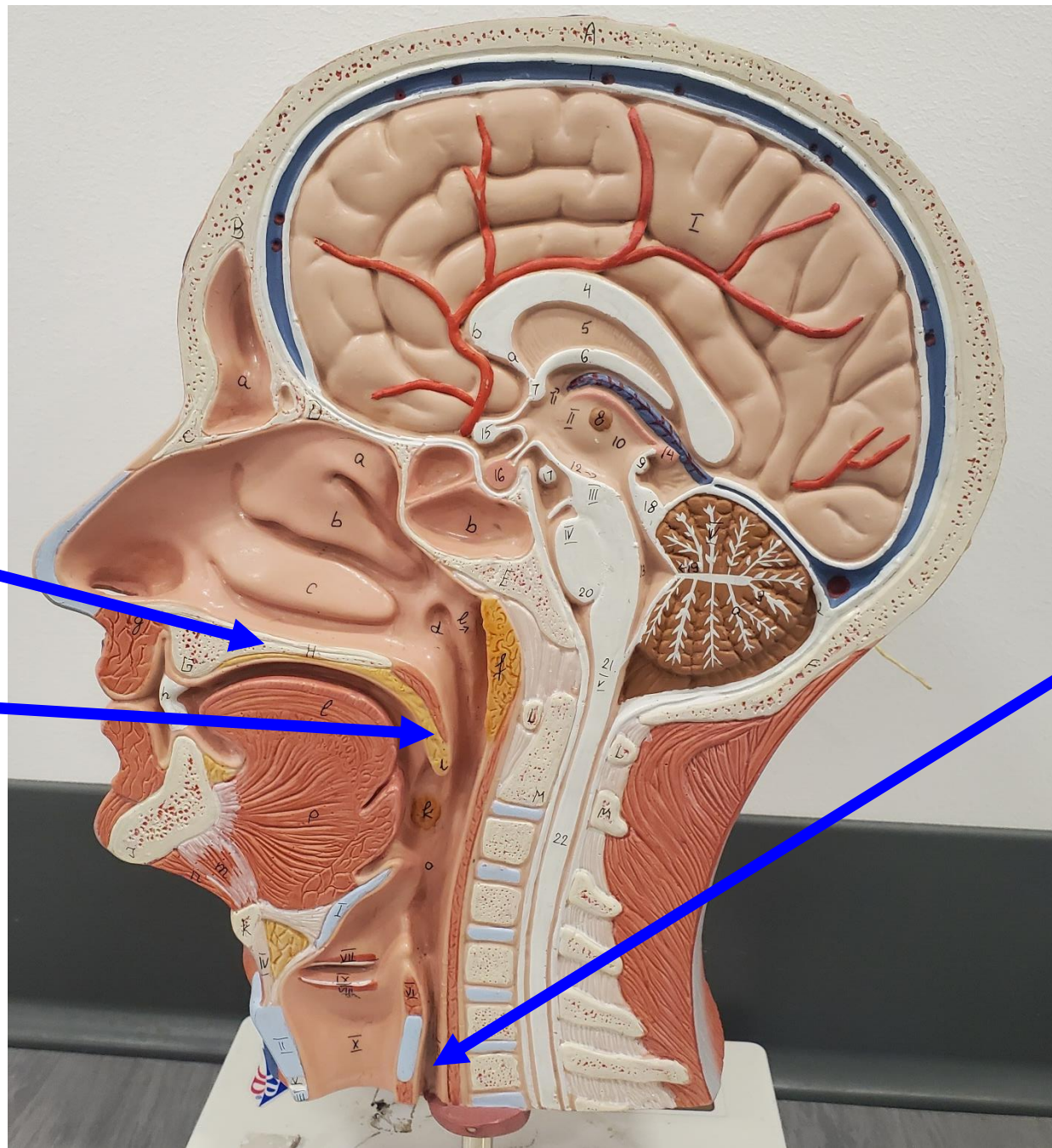
Sagittal Head

Do not forget to study all
structures from the
Anatomy of the
Respiratory System

**Hard
Palate**

Uvula

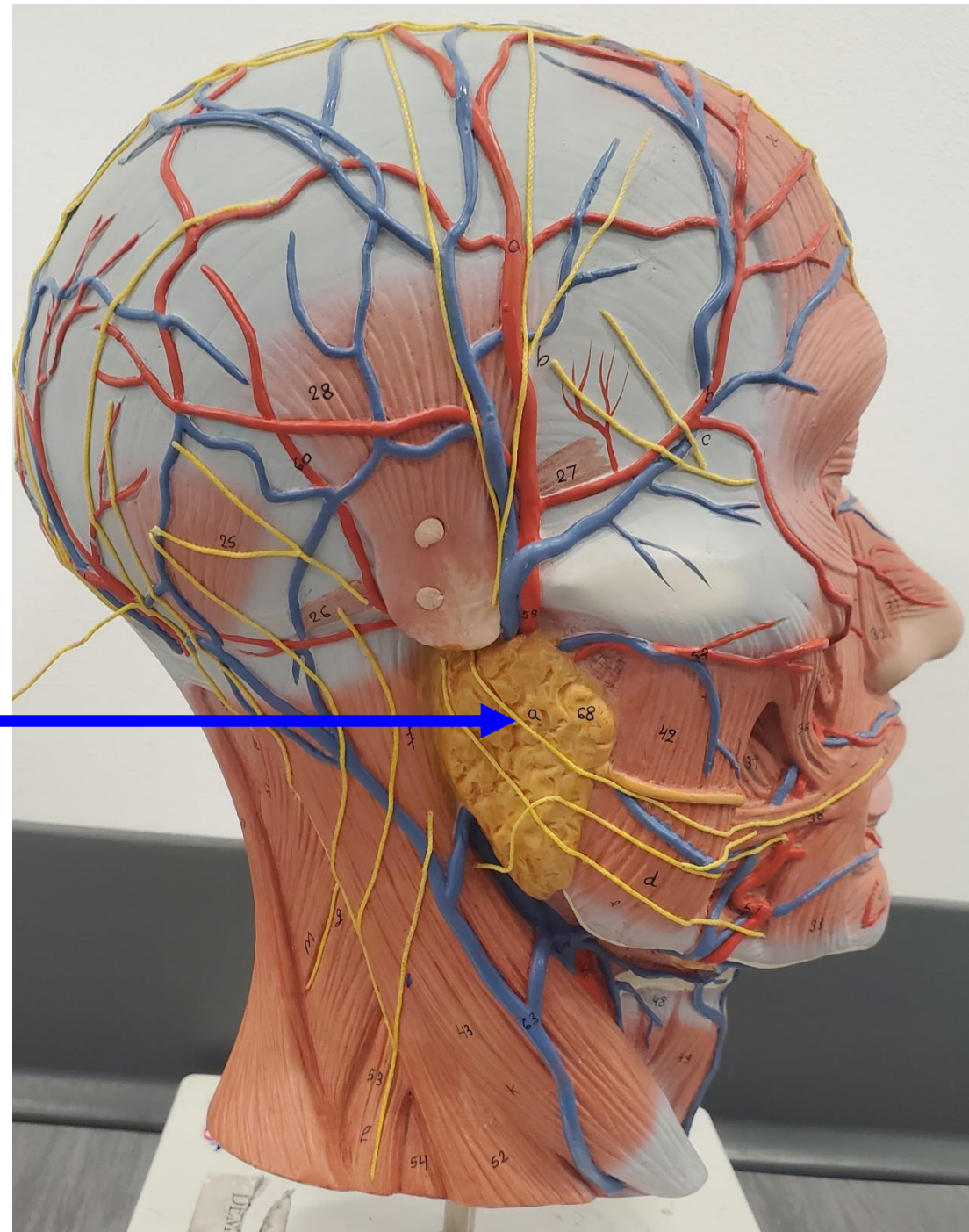
Esophagus



Sagittal Head

SALIVARY GLANDS

**Parotid
Gland**

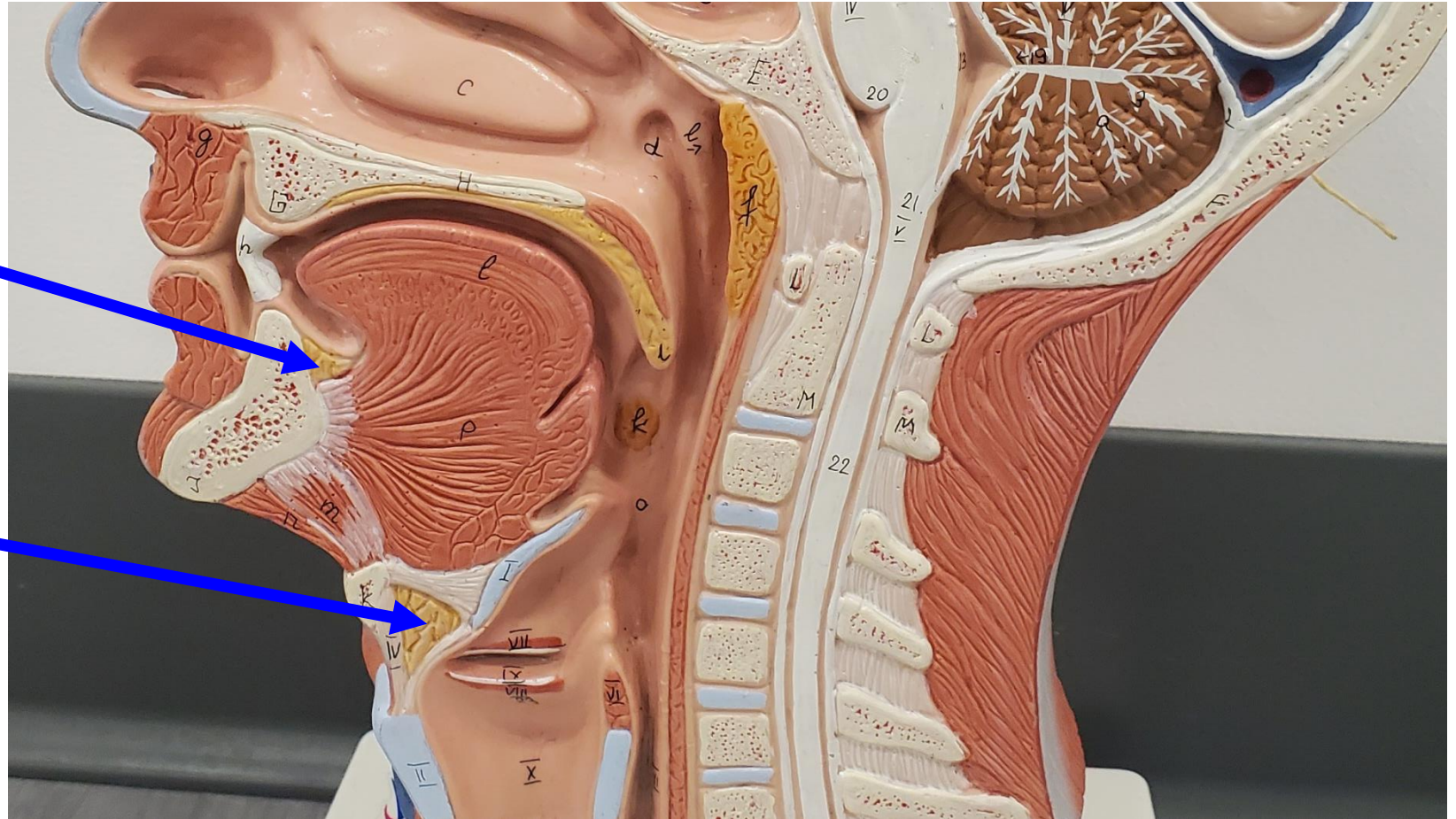


Sagittal Head

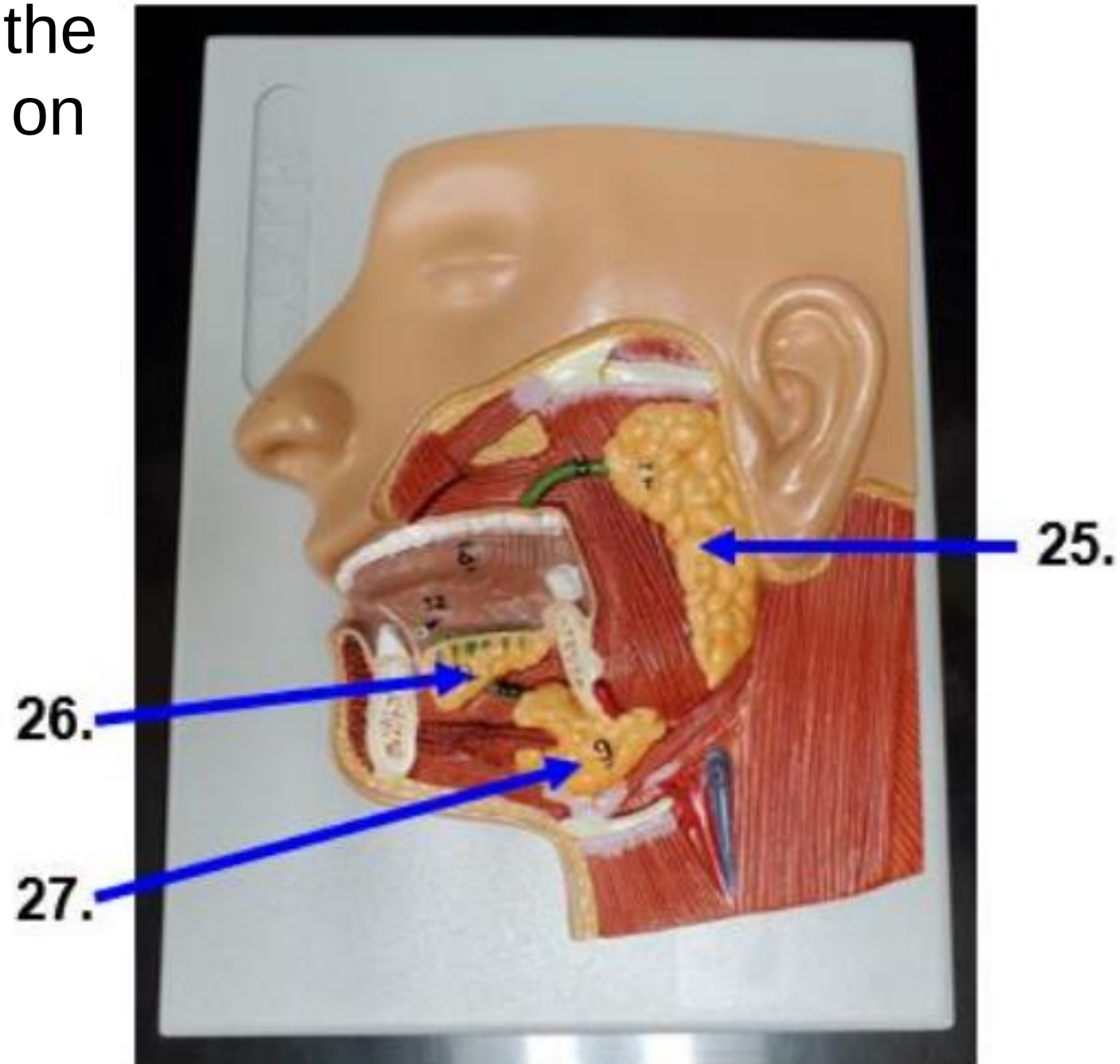
SALIVARY GLANDS

**Sublingual
Gland**

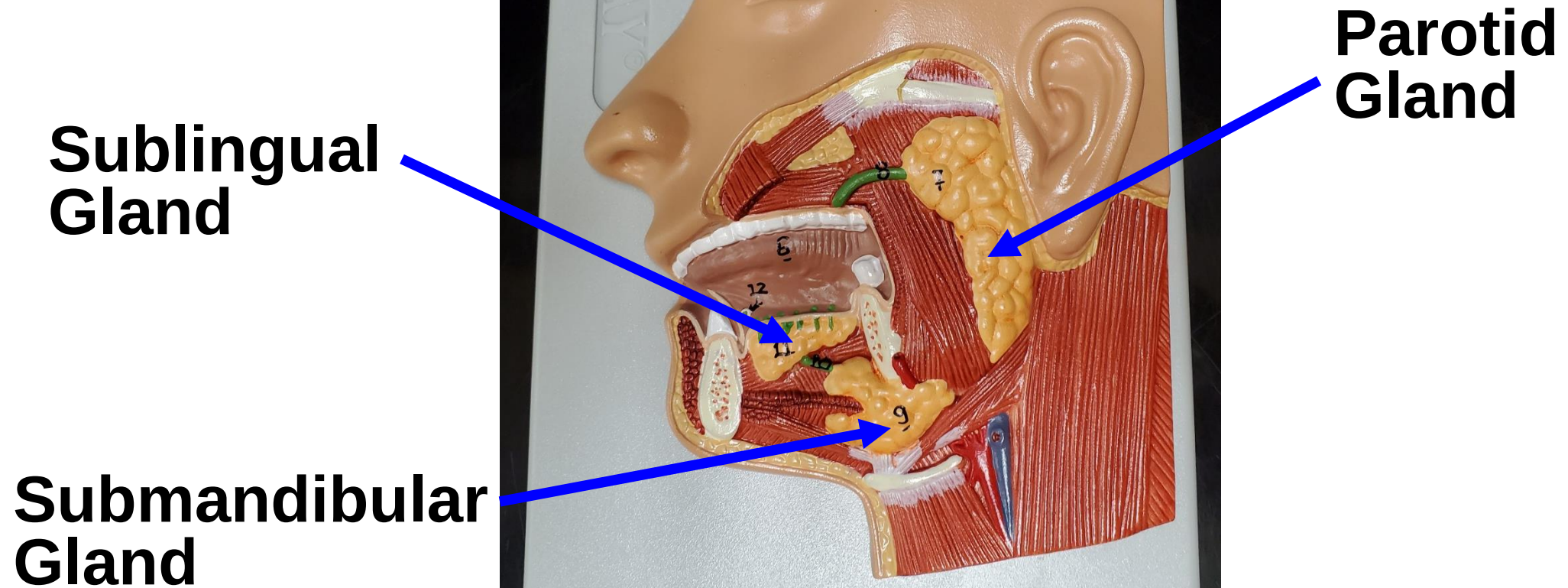
**Submandibular
Gland**



Can you name the salivary glands on this model?



Salivary Gland Model

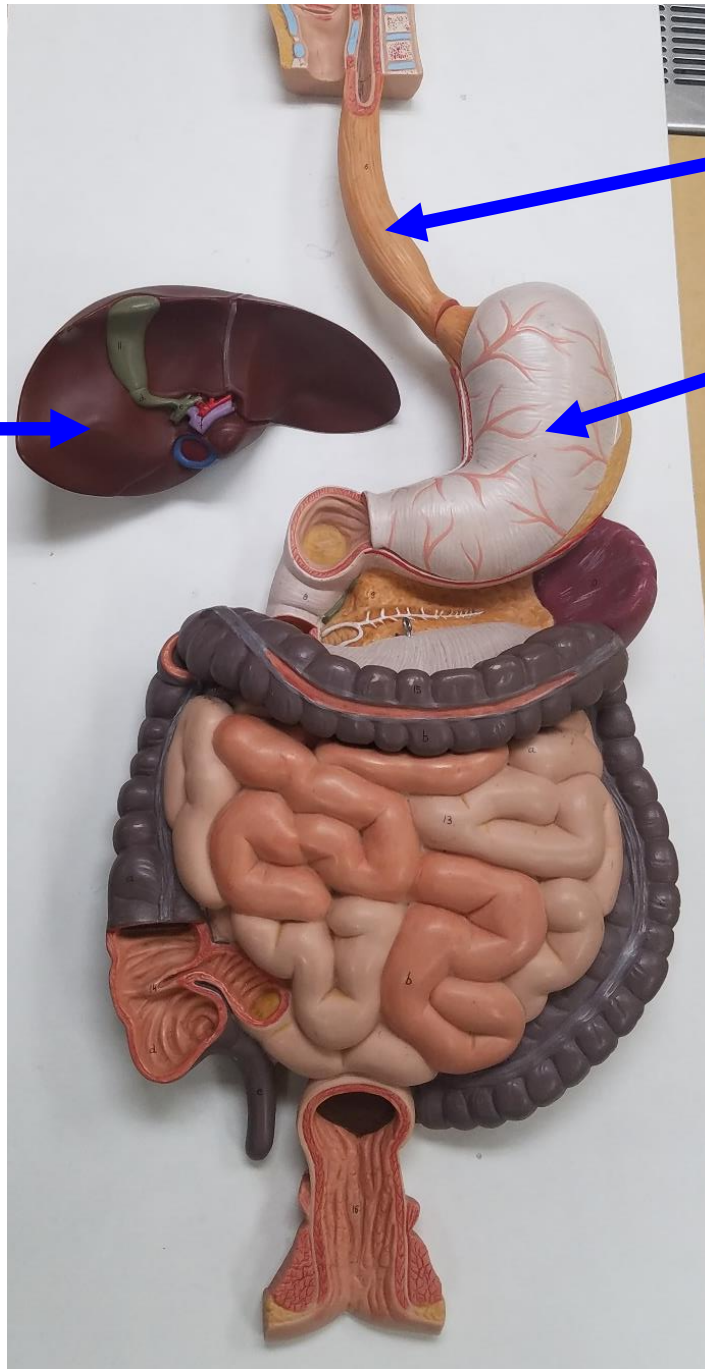


Digestive System Plaque – Superior View

Liver

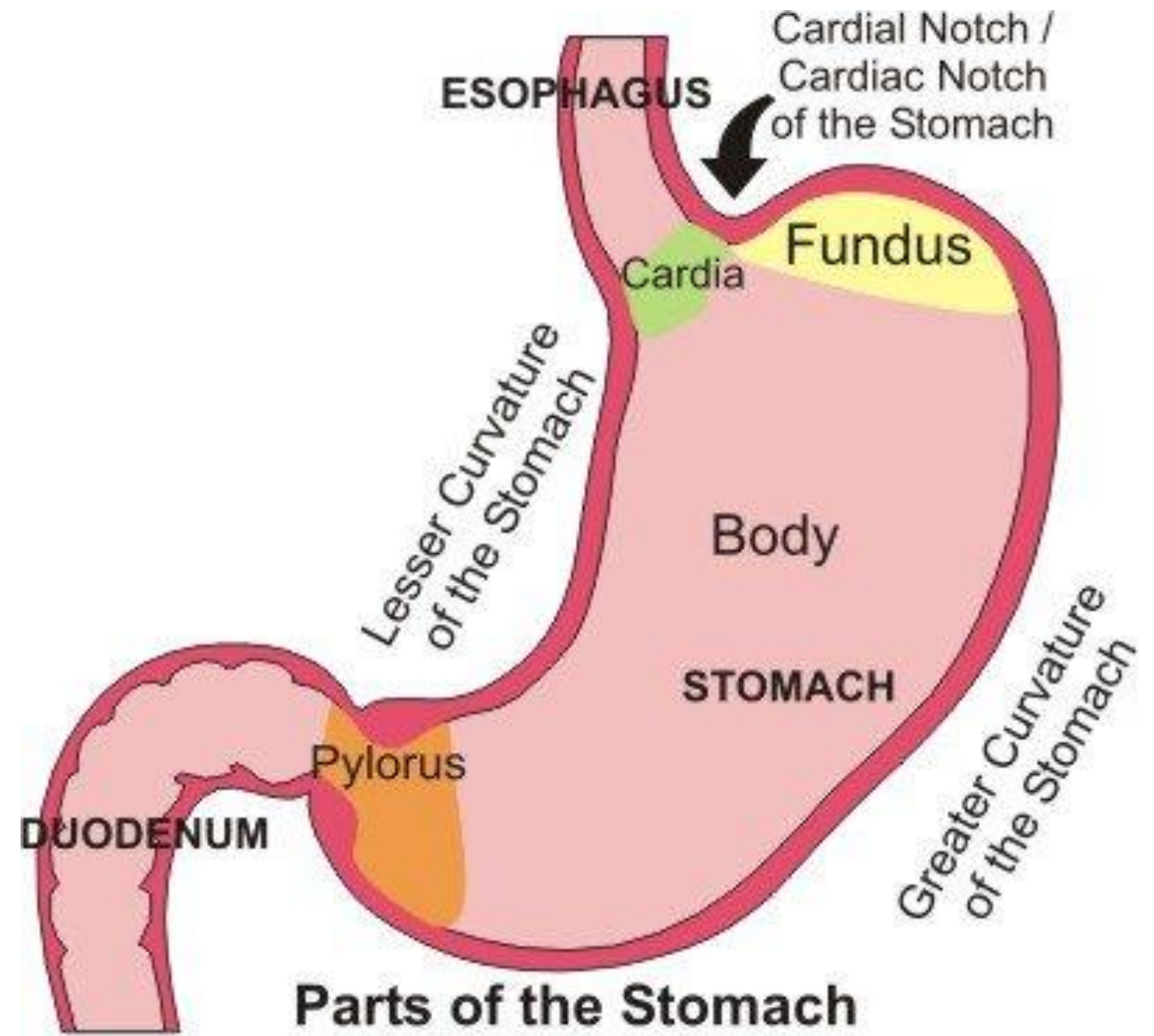
Esophagus

Stomach



4 Regions of the Stomach

- **Cardiac Region:** region attached to esophagus
- **Fundus** (Fundic region): most superior region
- **Body:** Middle, biggest region
- **Pylorus** (Pyloric region): narrow region connects to small intestine



Parts of the Stomach

Health Hype

www.healthhype.com

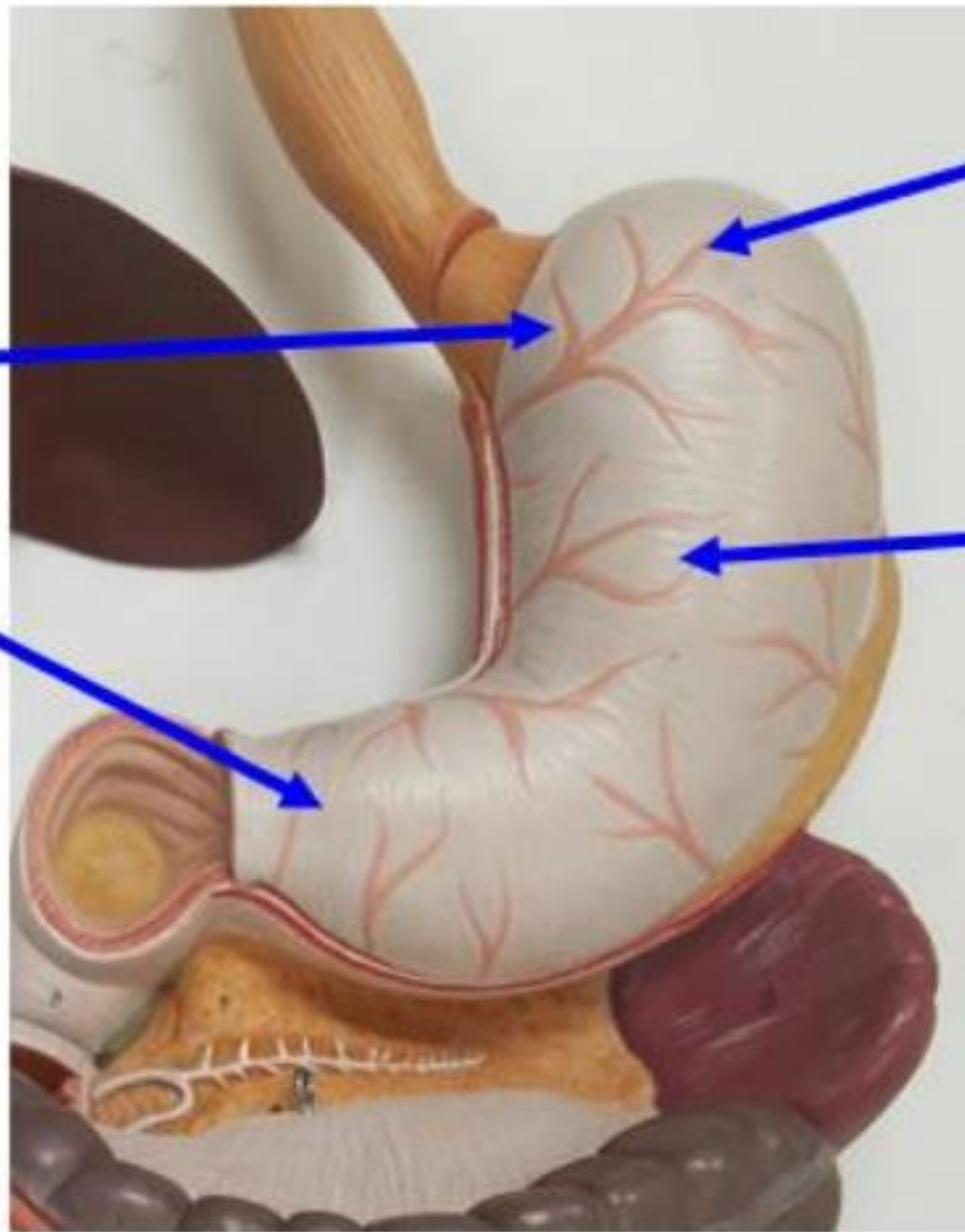
Name these
stomach body
regions

28.
region

29.
region

30.
region

31.
region



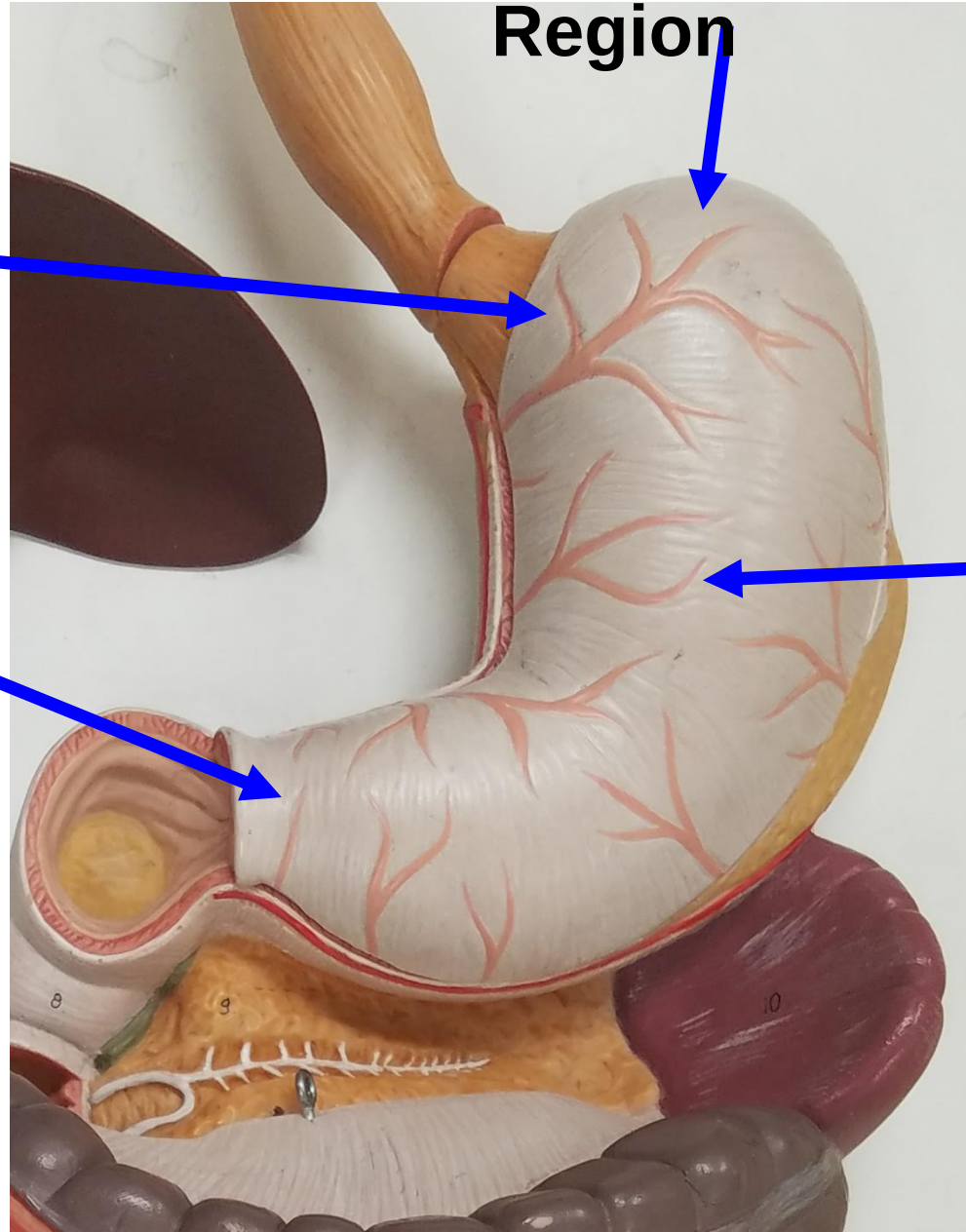
Digestive System Plaque – Superior View

Cardiac Region

Pylorus or
Pyloric Region

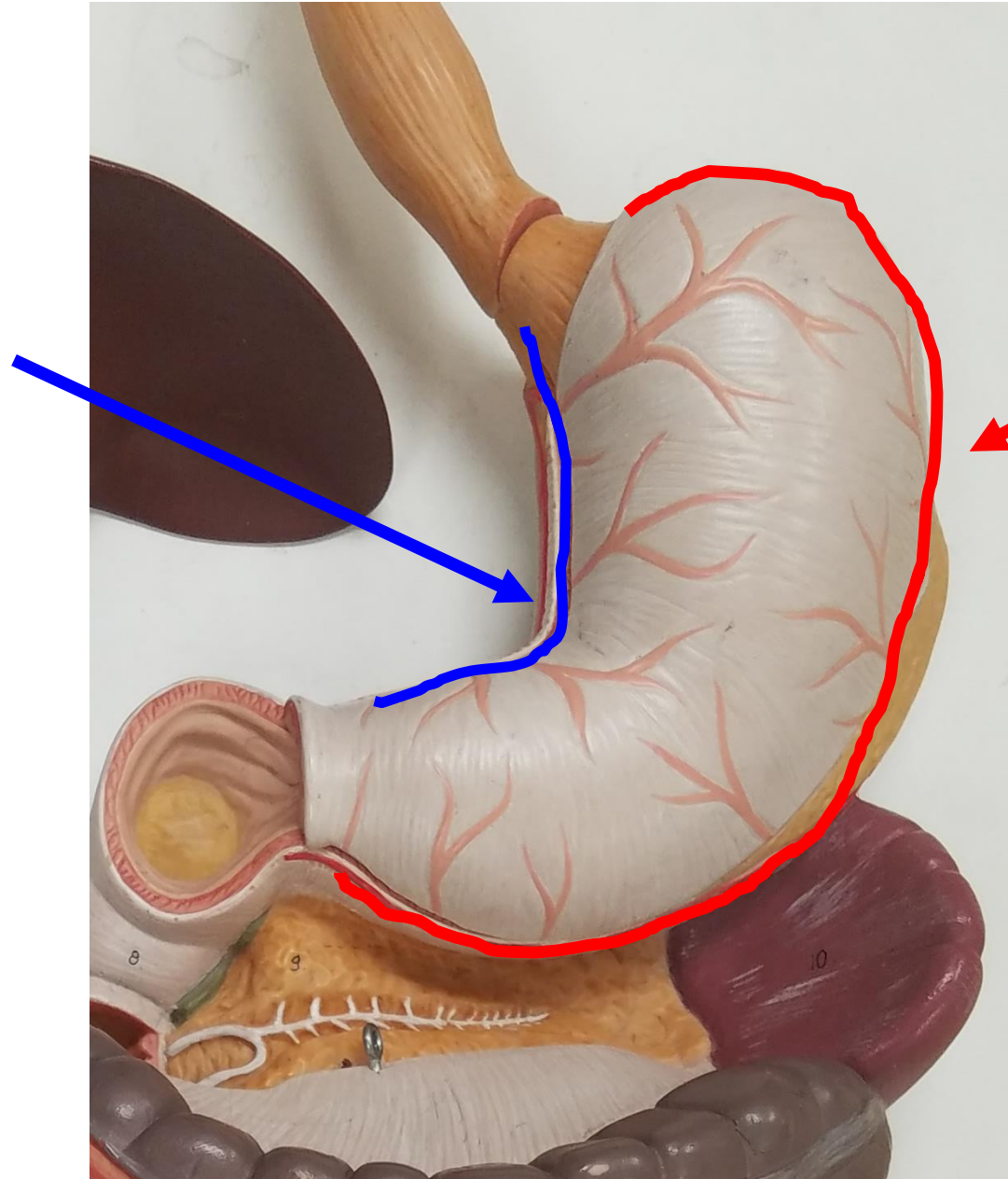
Fundus or Fundic
Region

Body
Region



Digestive System Plaque – Superior View

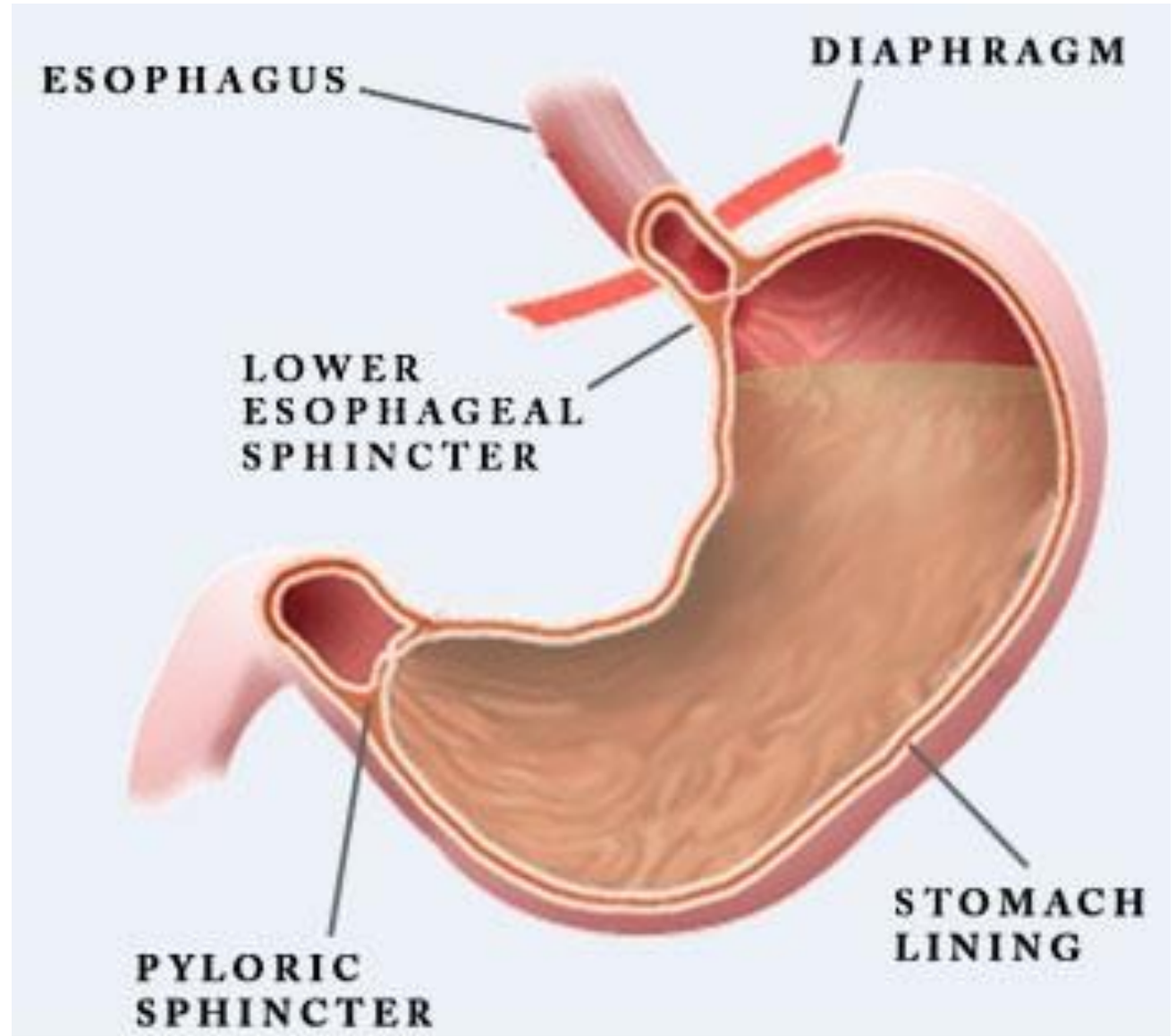
**Stomach –
Lesser
Curvature**



**Stomach –
Greater
Curvature**

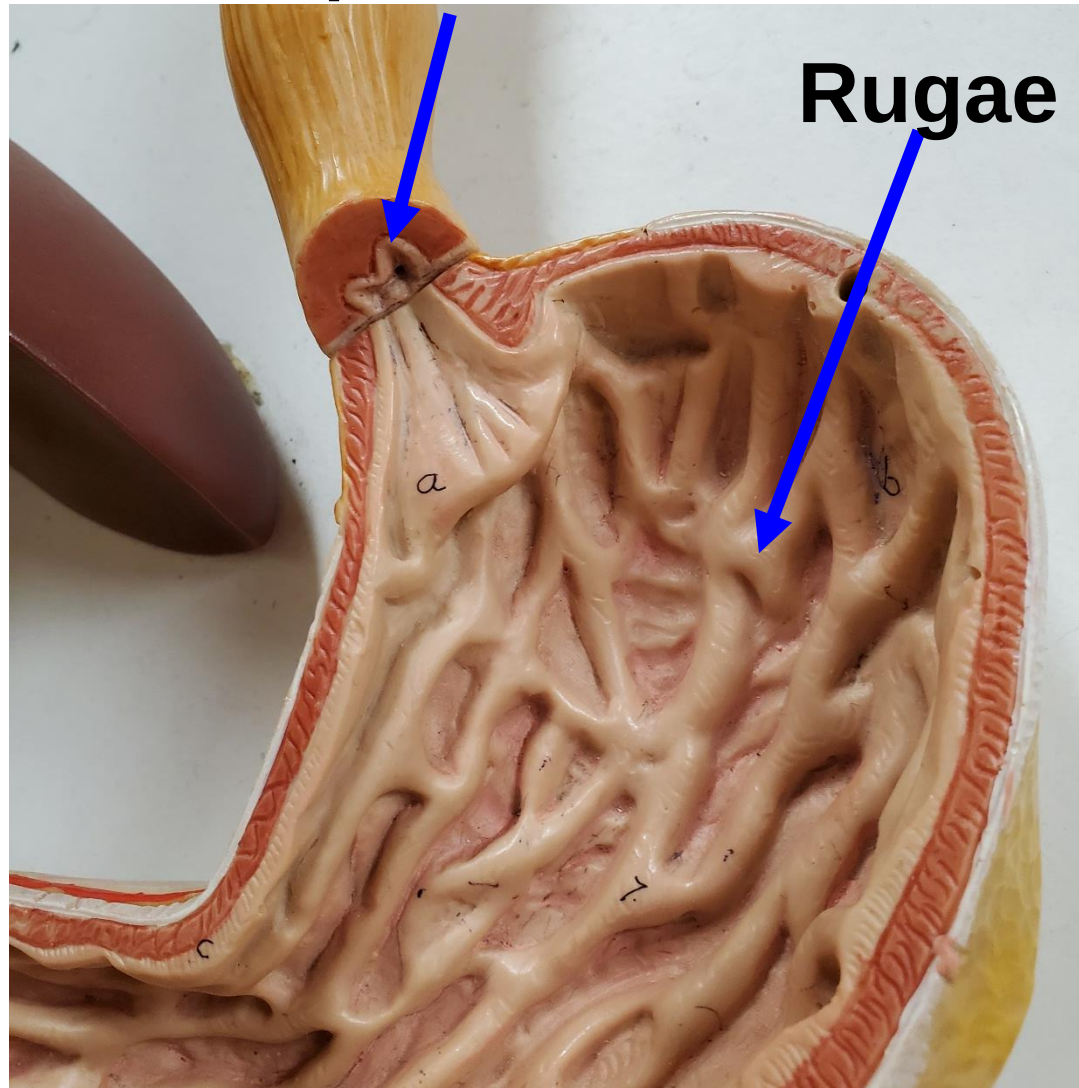
Sphincters!

- **Sphincter:** ring of smooth muscle that controls opening and closing of an area

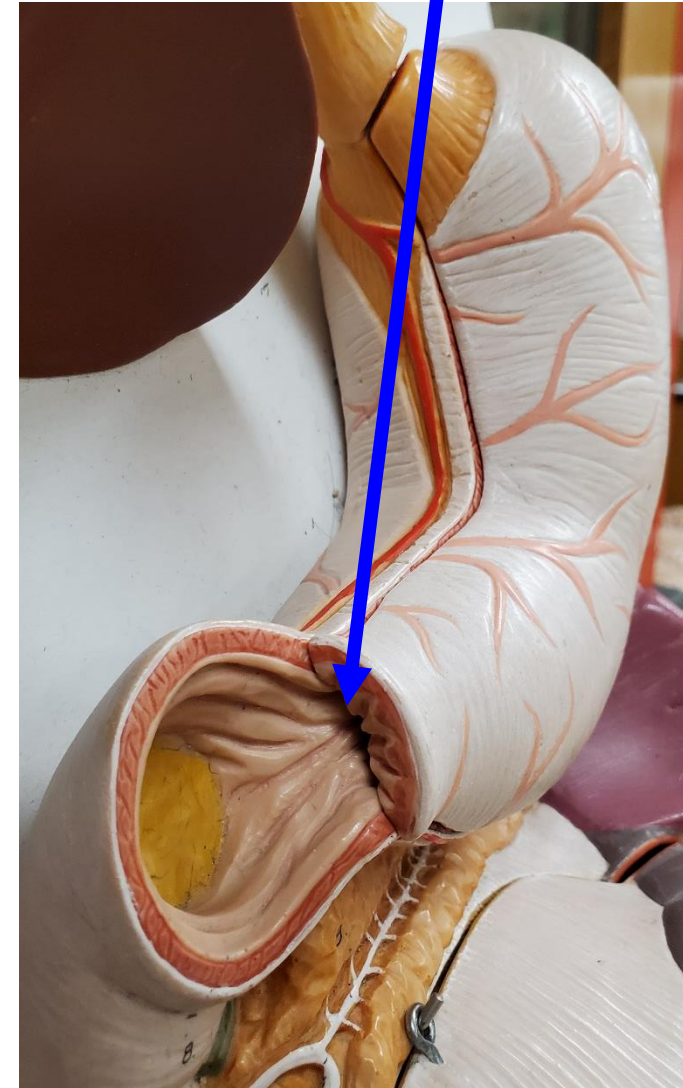


Internal Stomach

**Cardiac (lower esophageal)
sphincter**

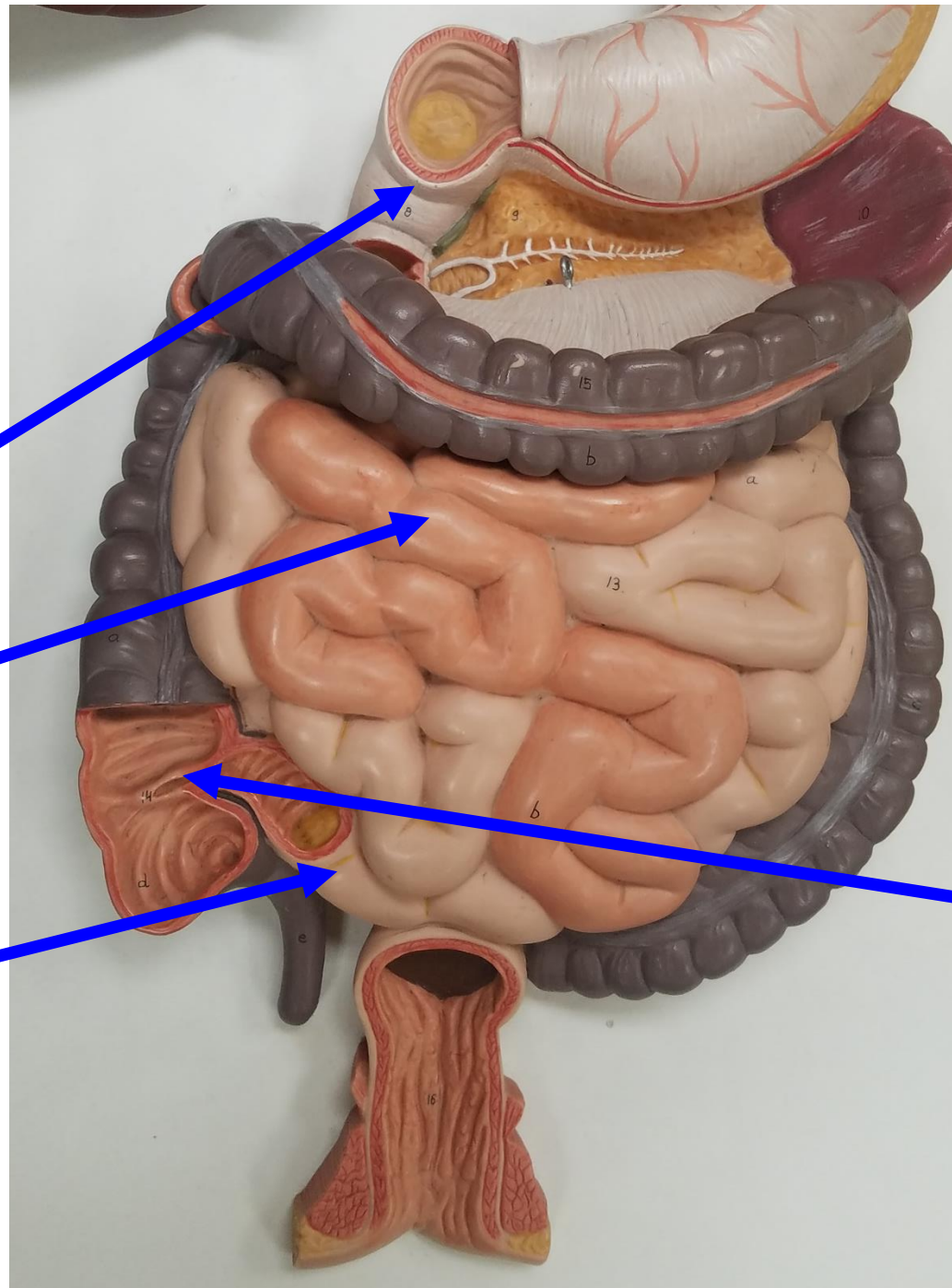


Pyloric sphincter



Digestive Plaque – Inferior View

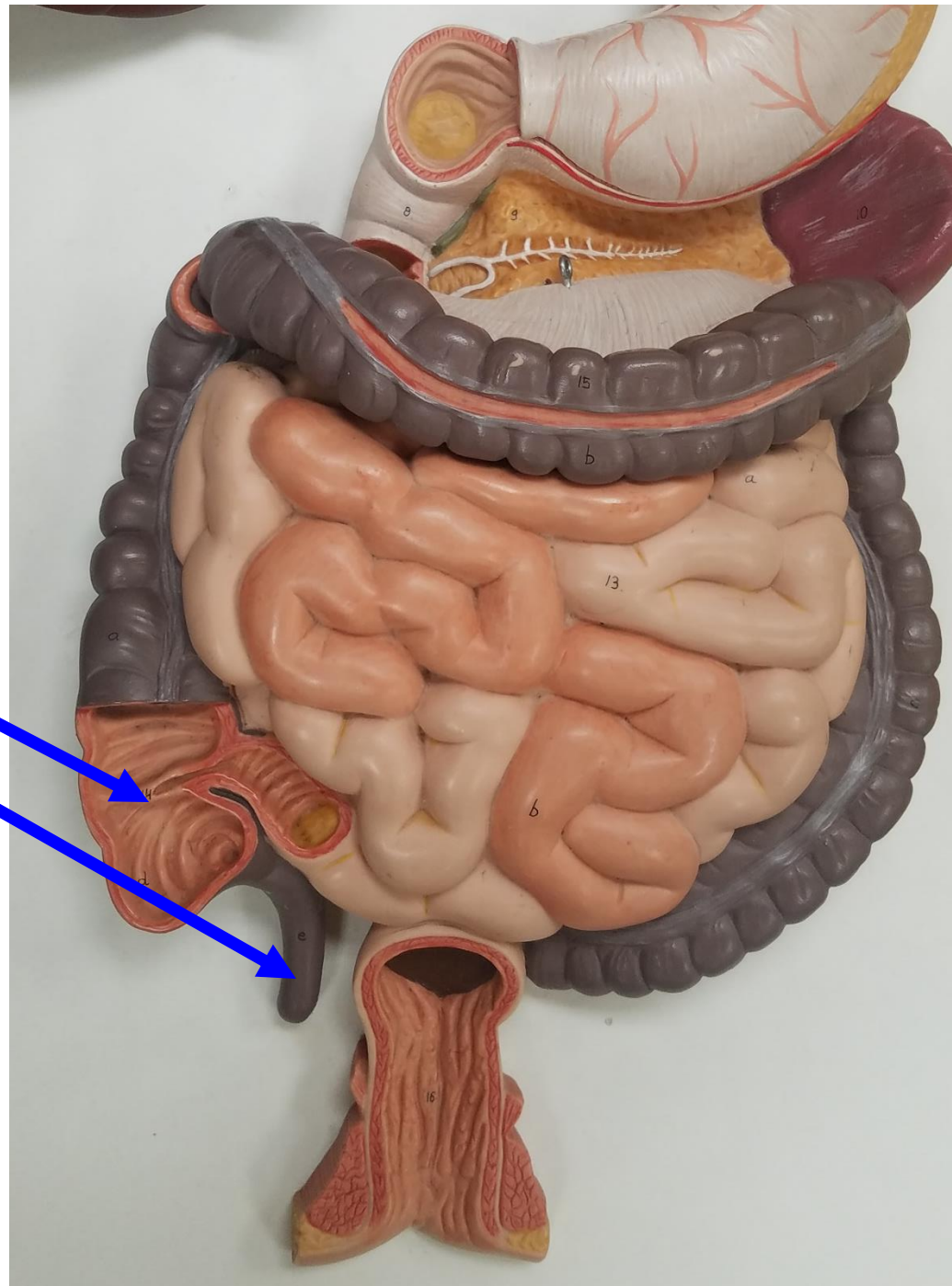
- Small Intestine
 - Duodenum
 - Jejunum
(section in
darker flesh
color)
 - ileum (section
in lighter flesh
color)



ileocecal
valve

Digestive Plaque – Inferior View

- **Large Intestine**
 - Cecum
 - Appendix



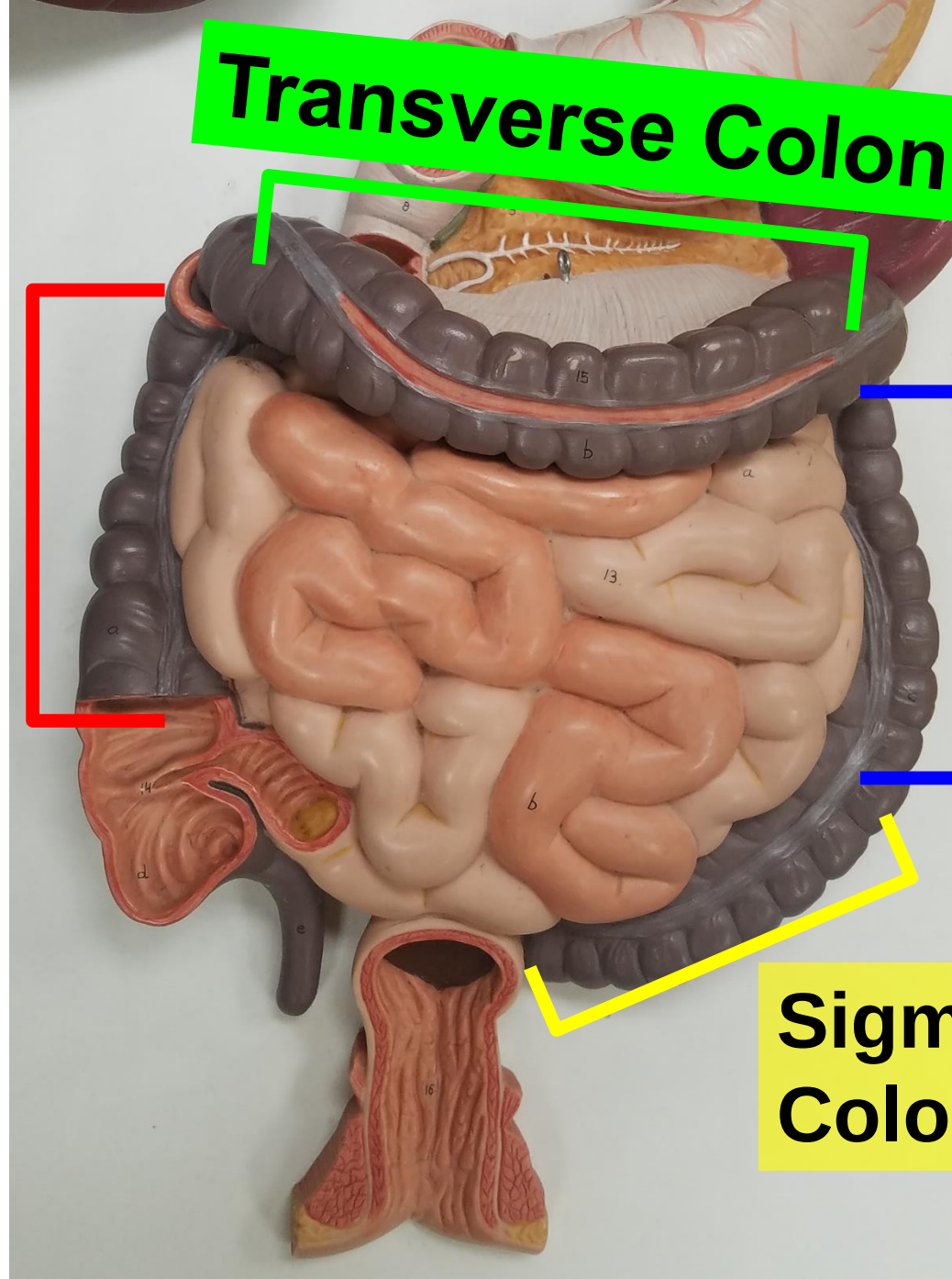
Digestive Plaque – Inferior View Large Intestine

**Ascending
Colon**

Transverse Colon

**Descending
Colon**

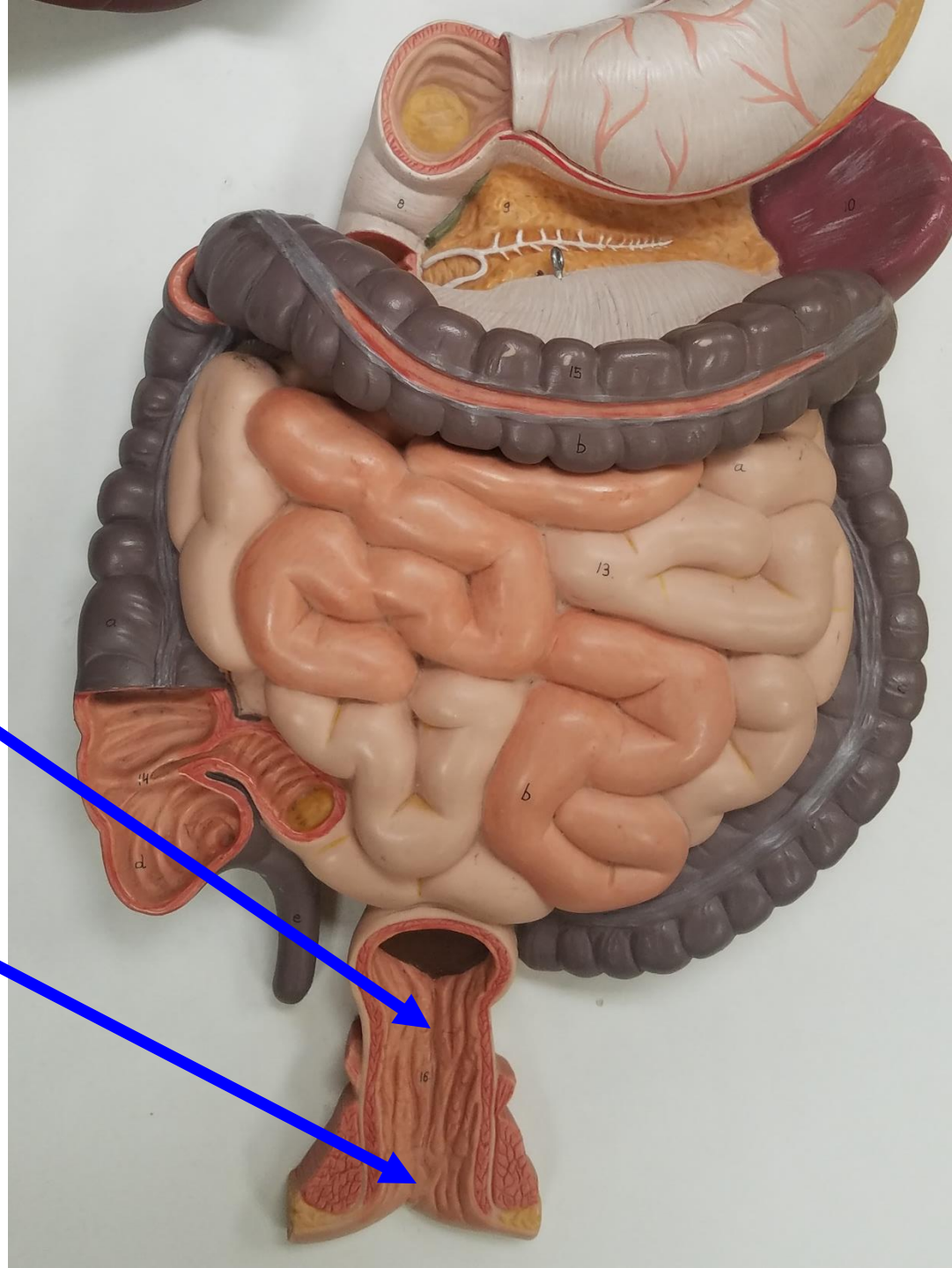
**Sigmoid
Colon**



Digestive Plaque – Inferior View Large Intestine

Rectum

**Anus (another
hole!)**



Digestive System Plaque

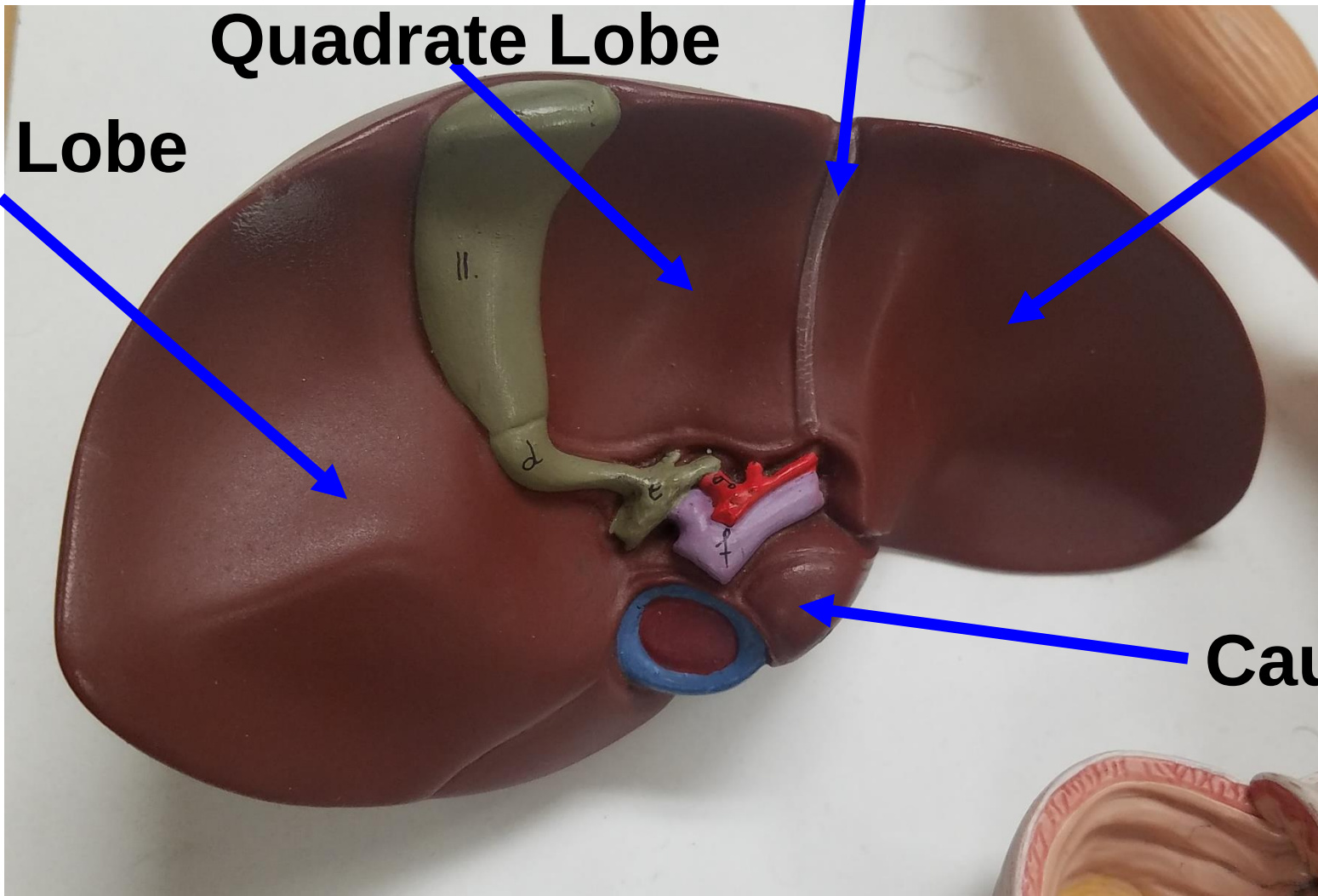
– Liver

Falciform Ligament

Quadrante Lobe

Left Lobe

Right Lobe



Caudate Lobe

Digestive System Plaque

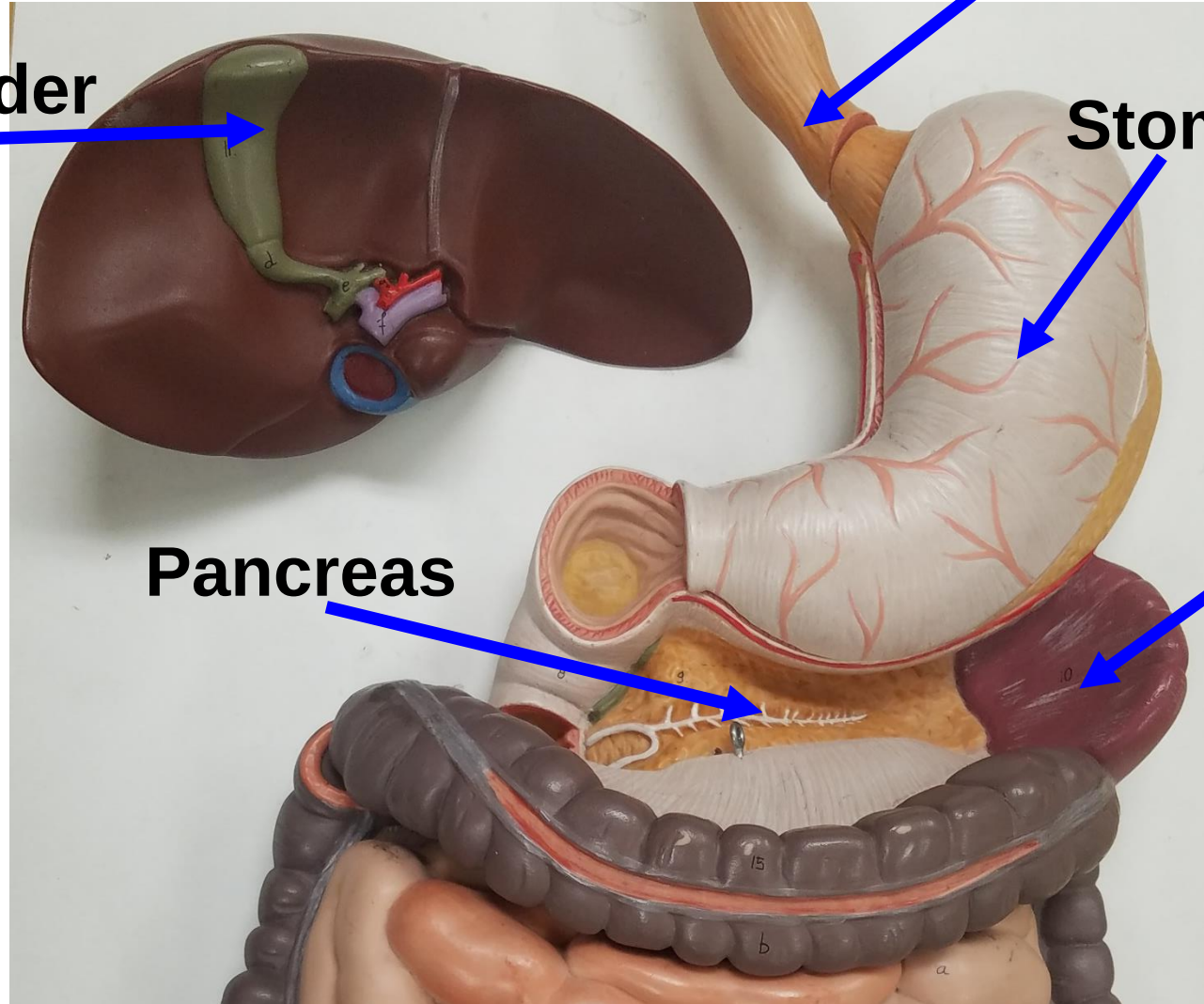
Gallbladder

Esophagus

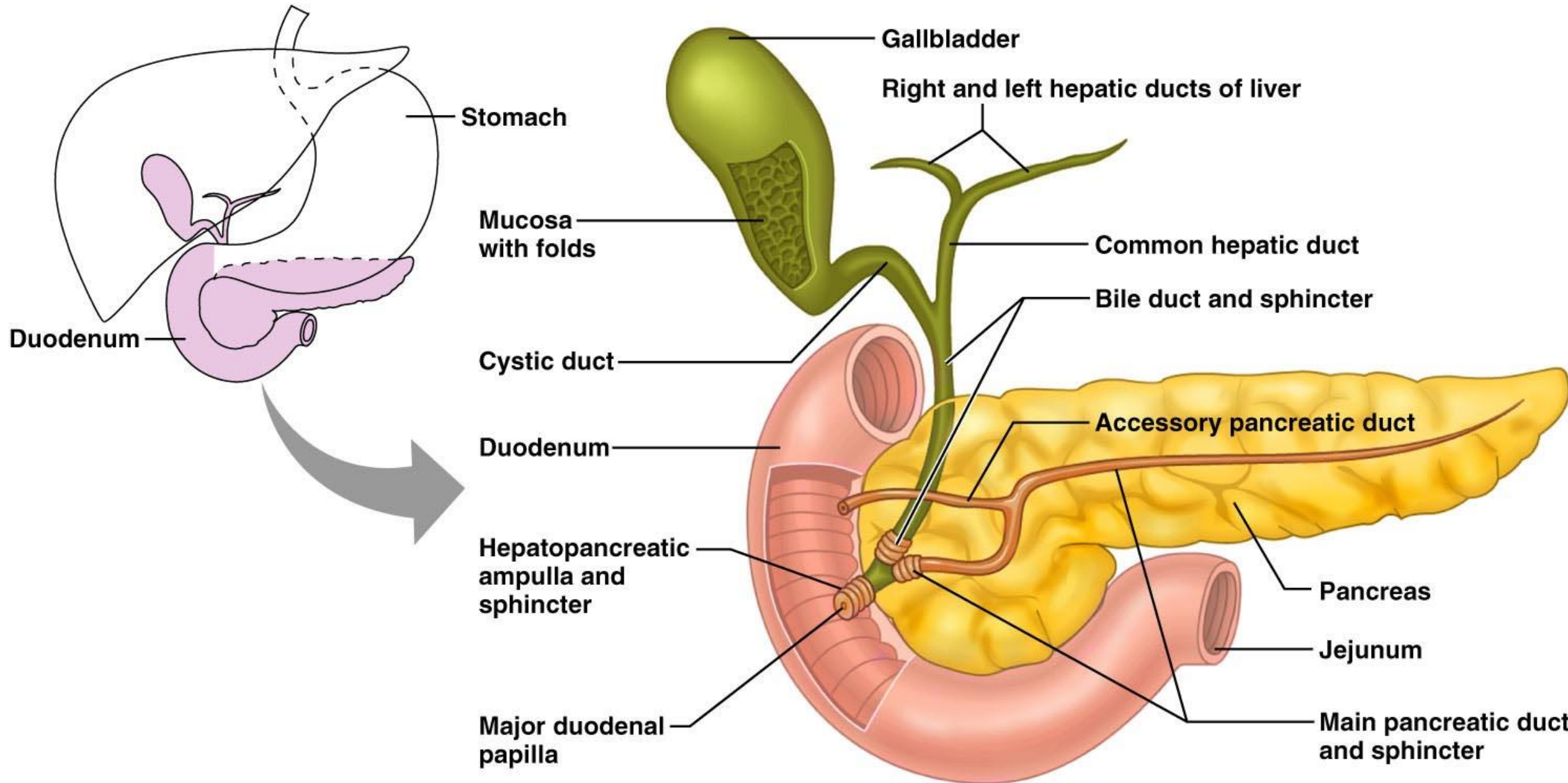
Stomach

Spleen

Pancreas



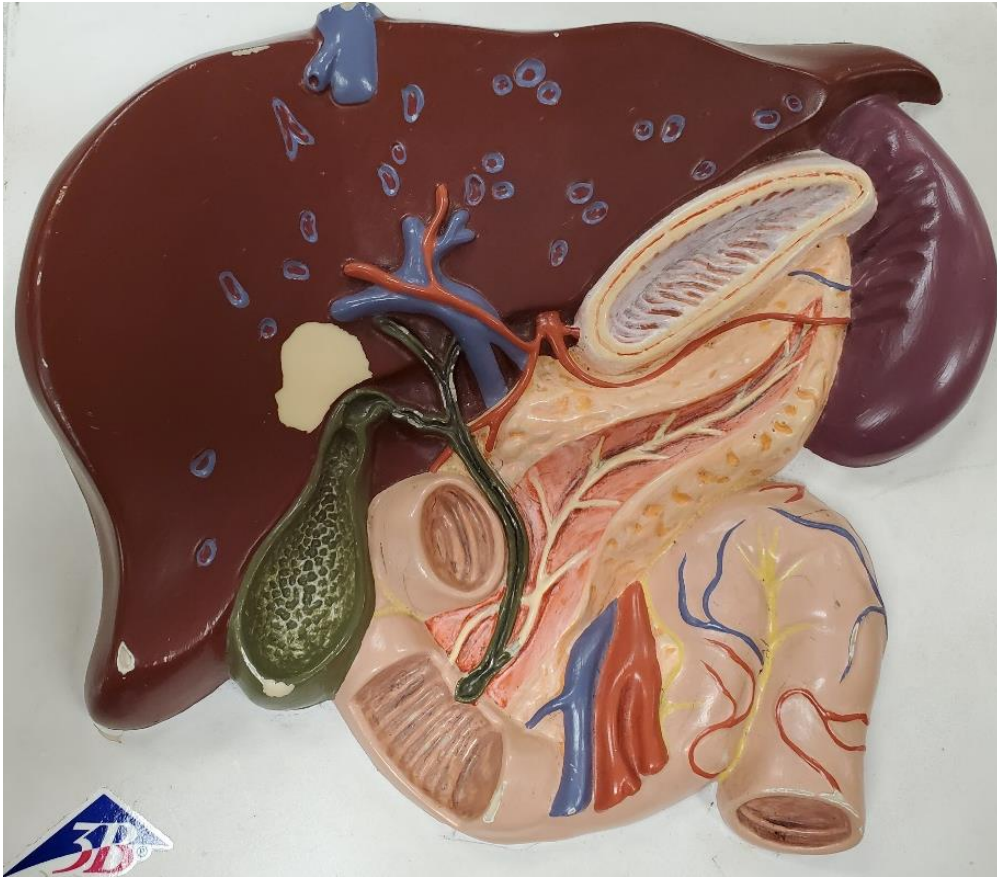
Pancreas & Gall Bladder



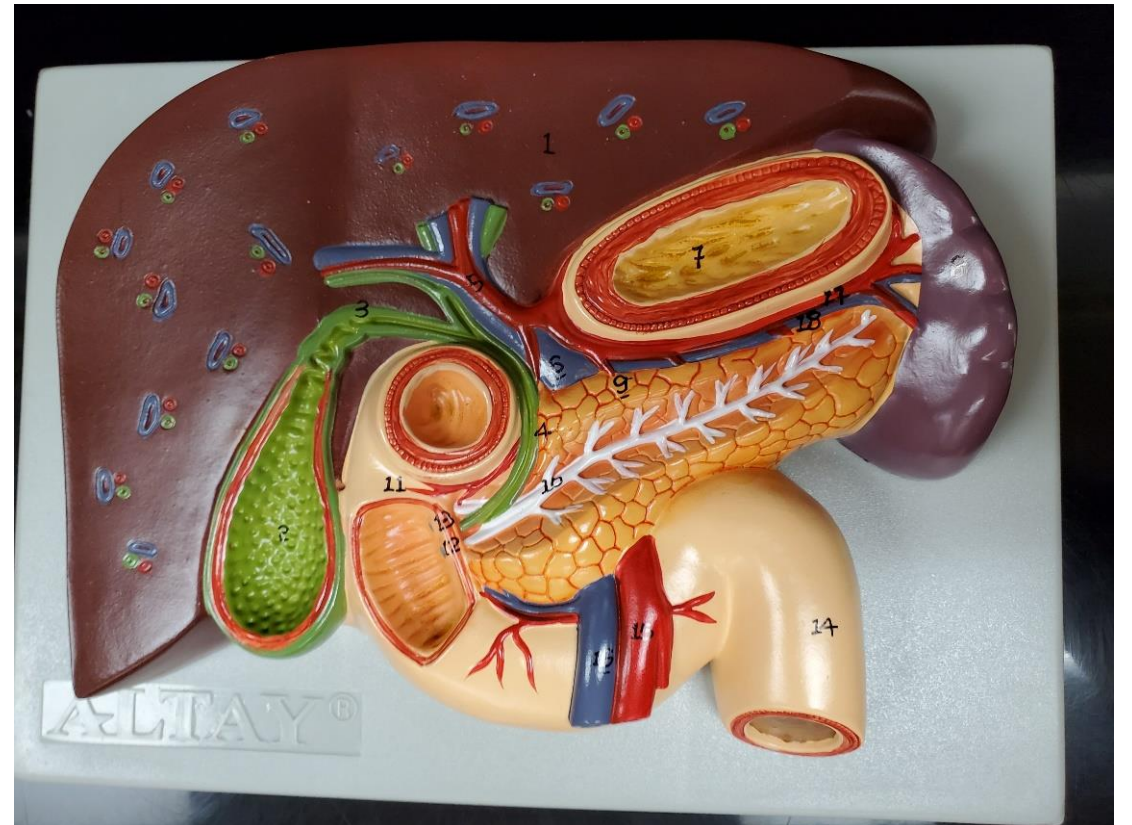
There are 2 different Liver Plaques.

(If you are in Biology 210 at Cypress College – we only use Liver Plaque #1)

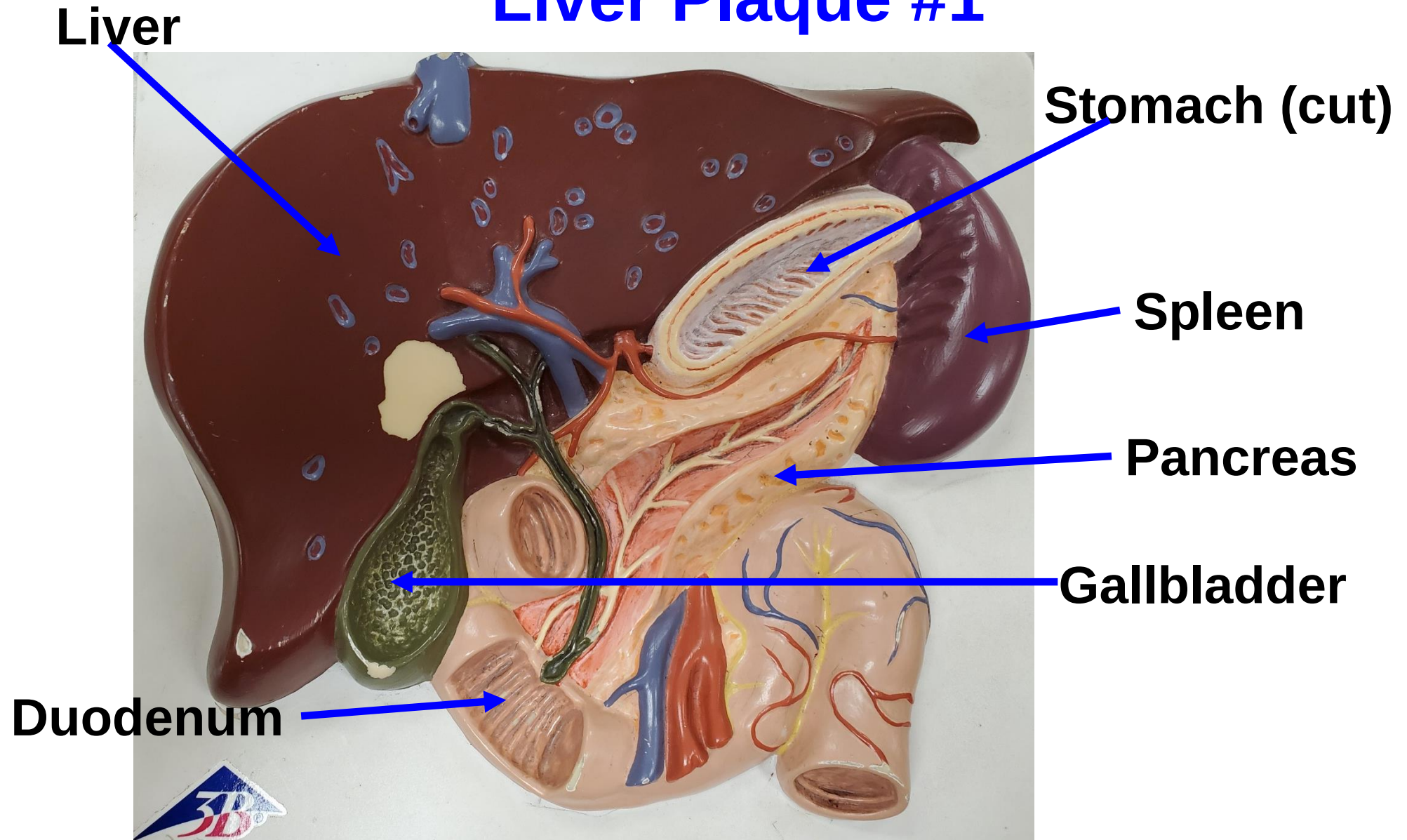
Liver Plaque #1



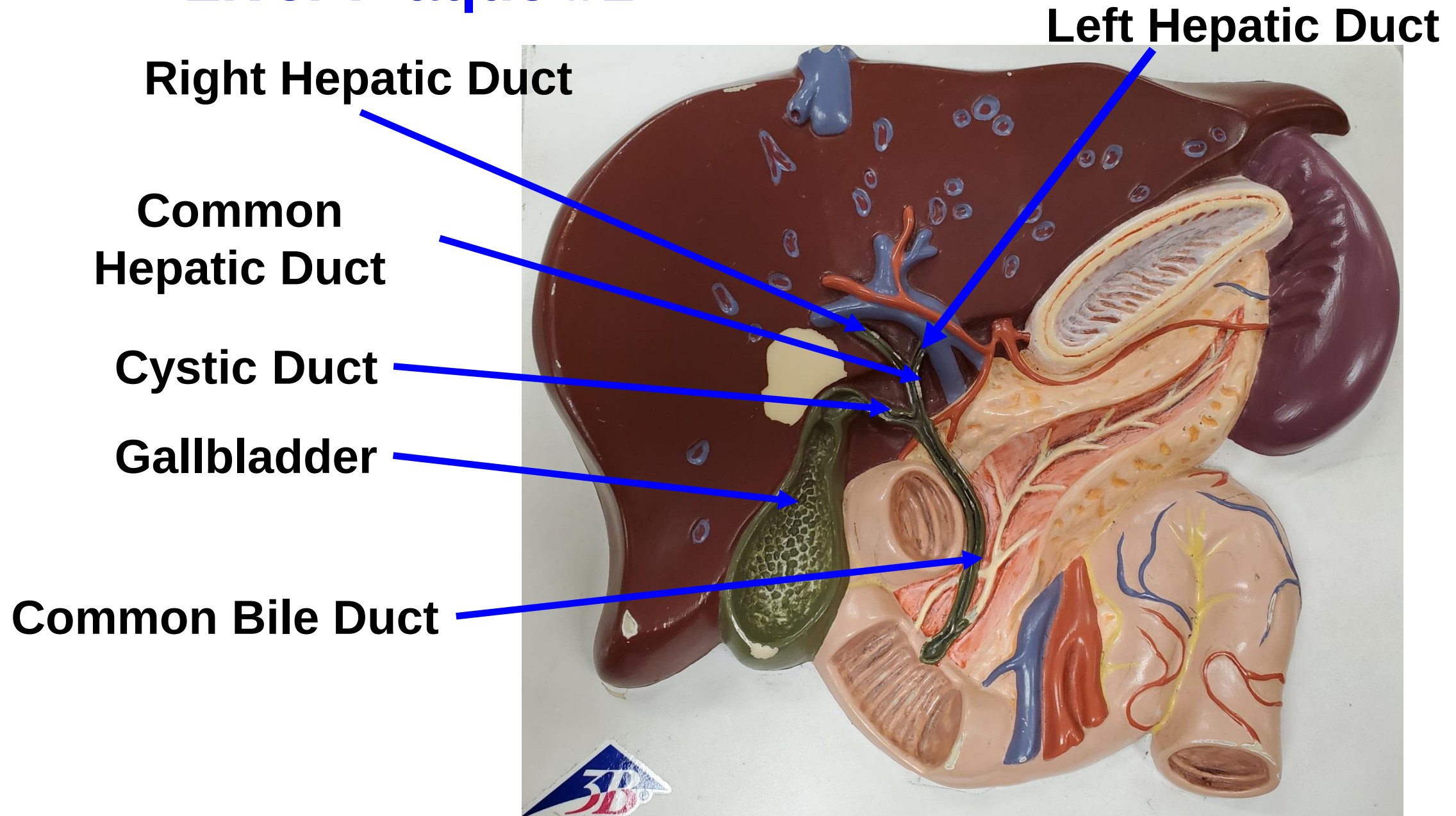
Liver Plaque #2



Liver Plaque #1



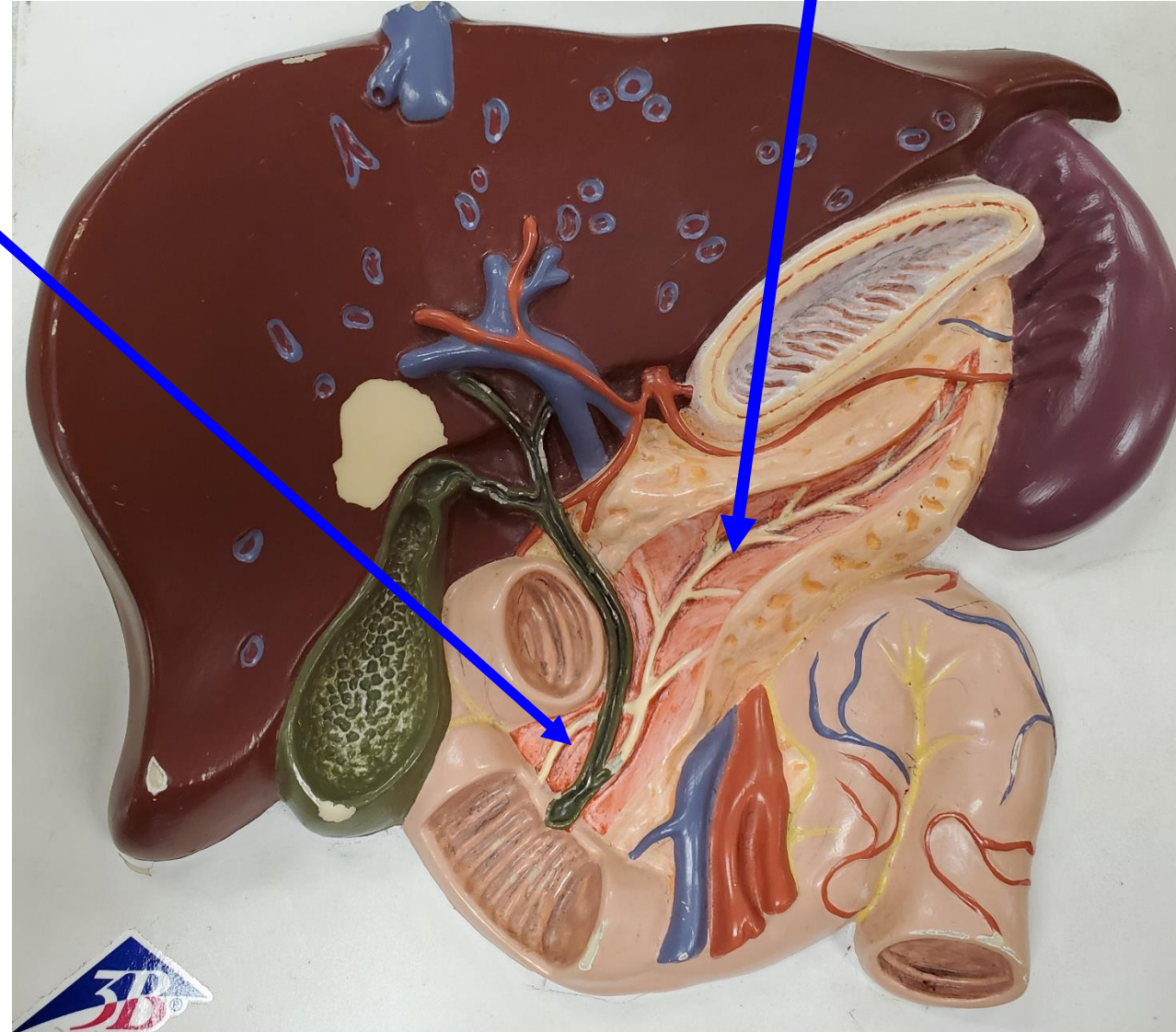
Liver Plaque #1



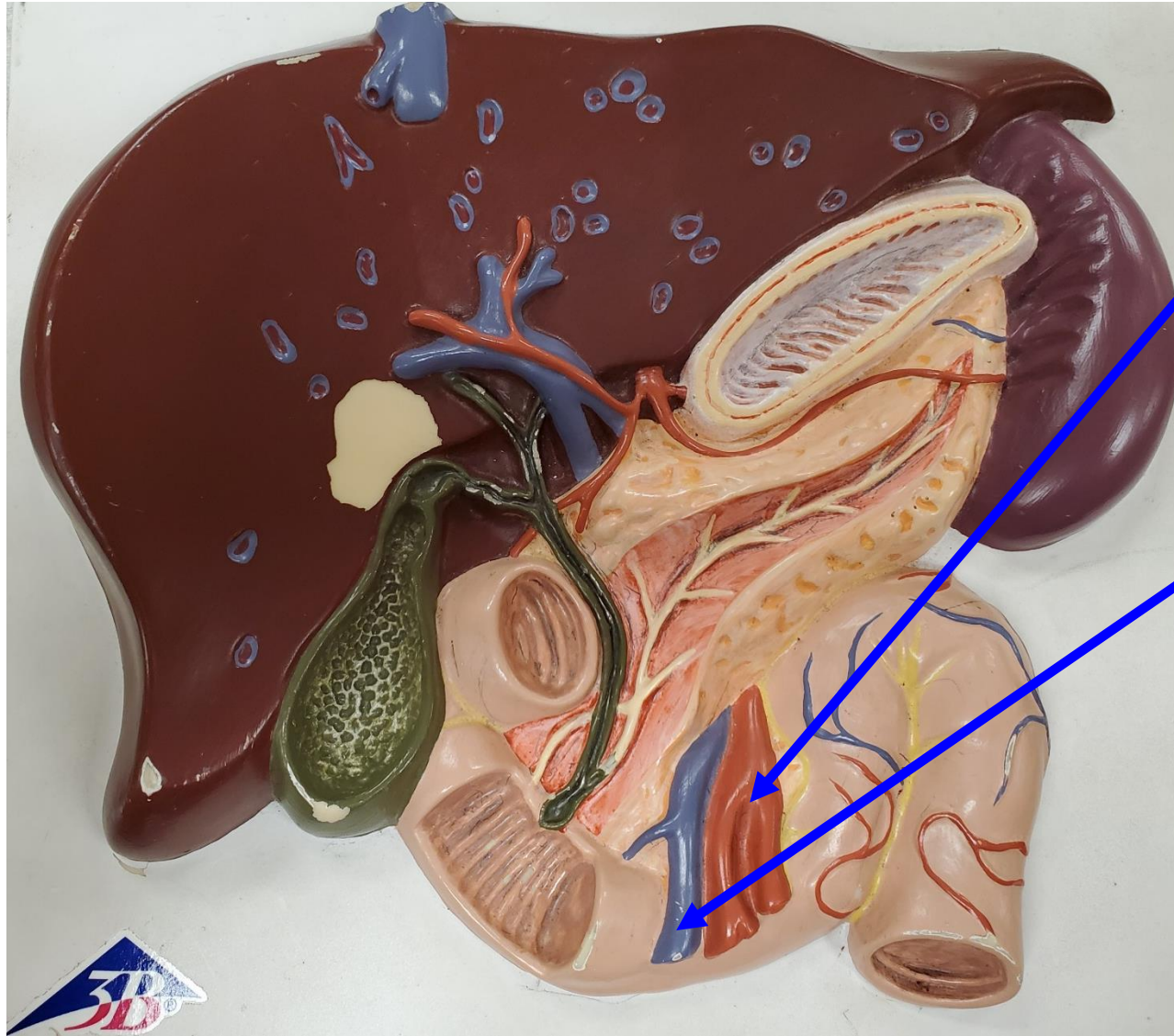
Liver Plaque #1

Main Pancreatic Duct

Accessory Pancreatic Duct



Liver Plaque #1



**Superior
Mesenteric Artery**

**Superior
Mesenteric Vein**

Liver Plaque #1

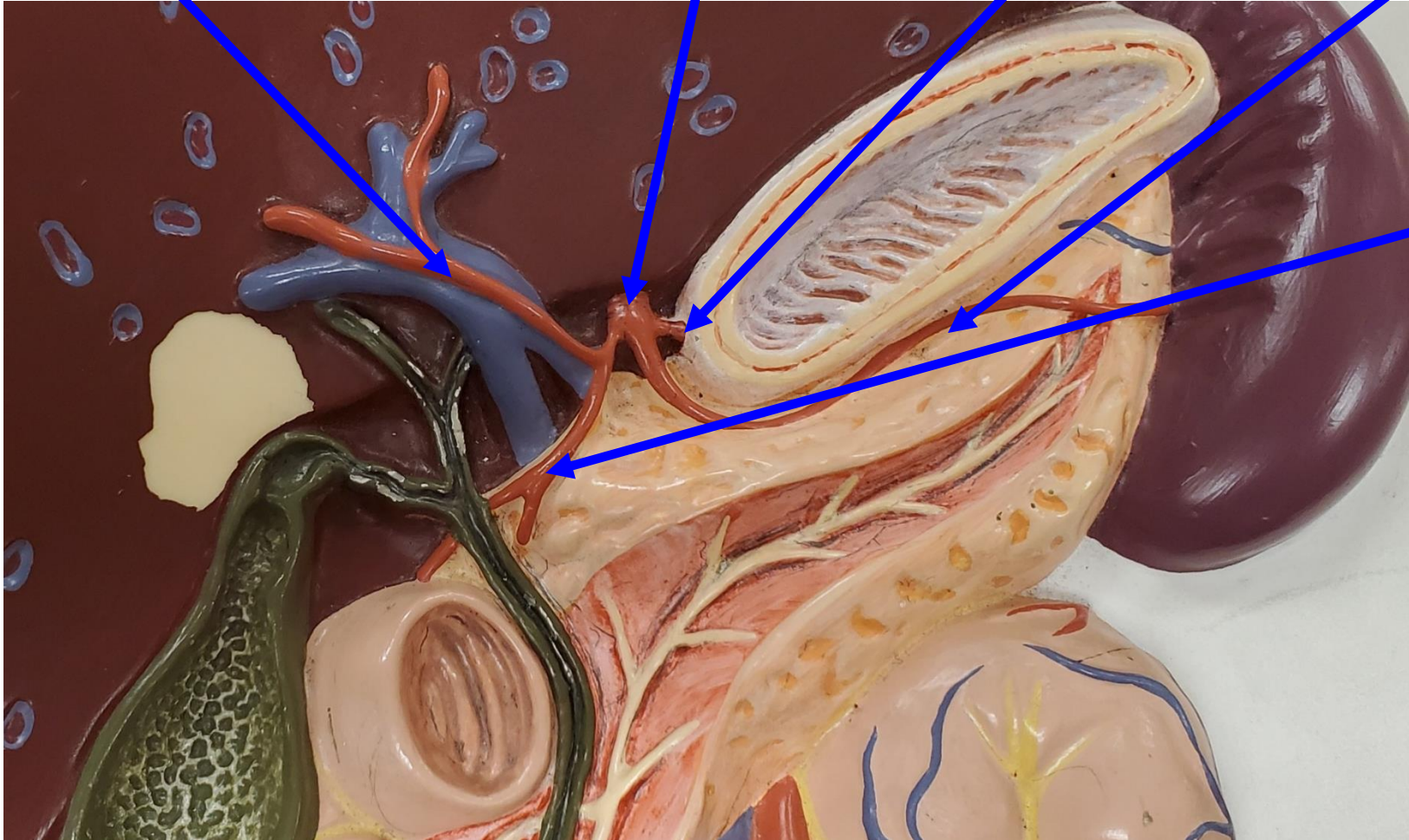
Common Hepatic Artery

Celiac Trunk

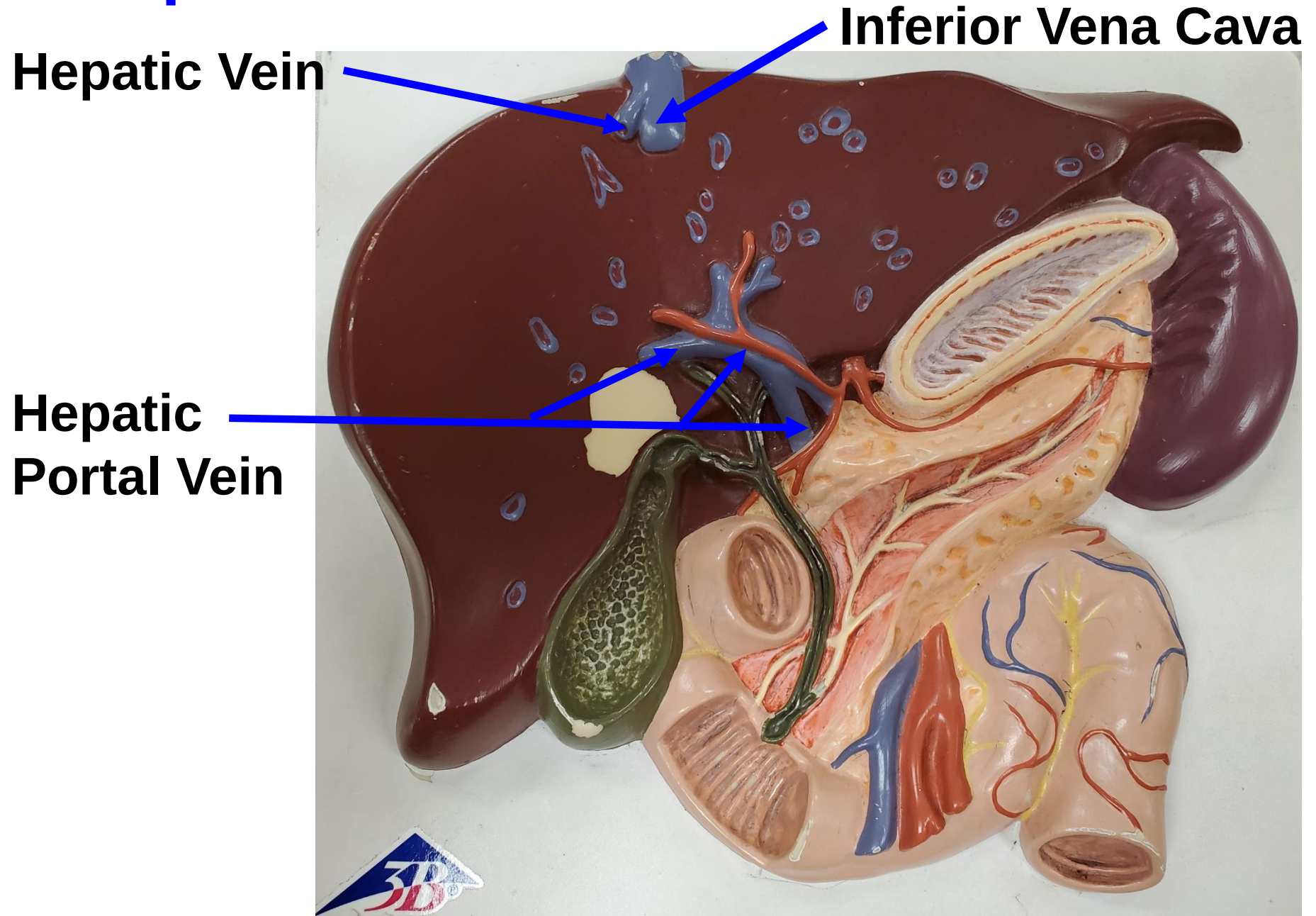
Left
Gastric
Artery

Splenic Artery

Right
Gastric
Artery



Liver Plaque #1



Liver Plaque #2

Common Hepatic Artery

Celiac Trunk

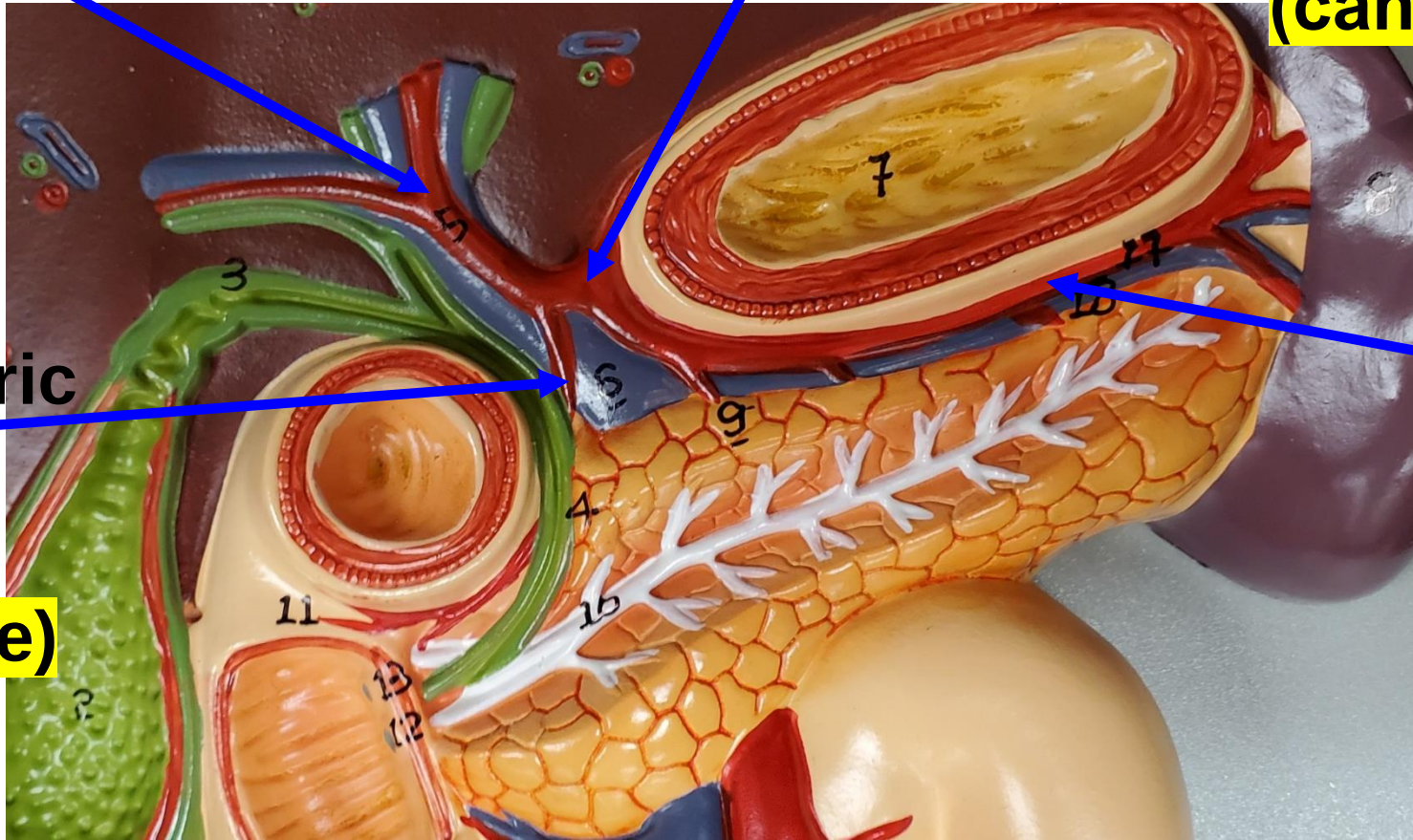
Left Gastric Artery

(can't see it!)

Right Gastric Artery

(hard to see)

Splenic Artery



Spleen, Pancreas & Duodenum – Anterior View

Gallbladder

Liver

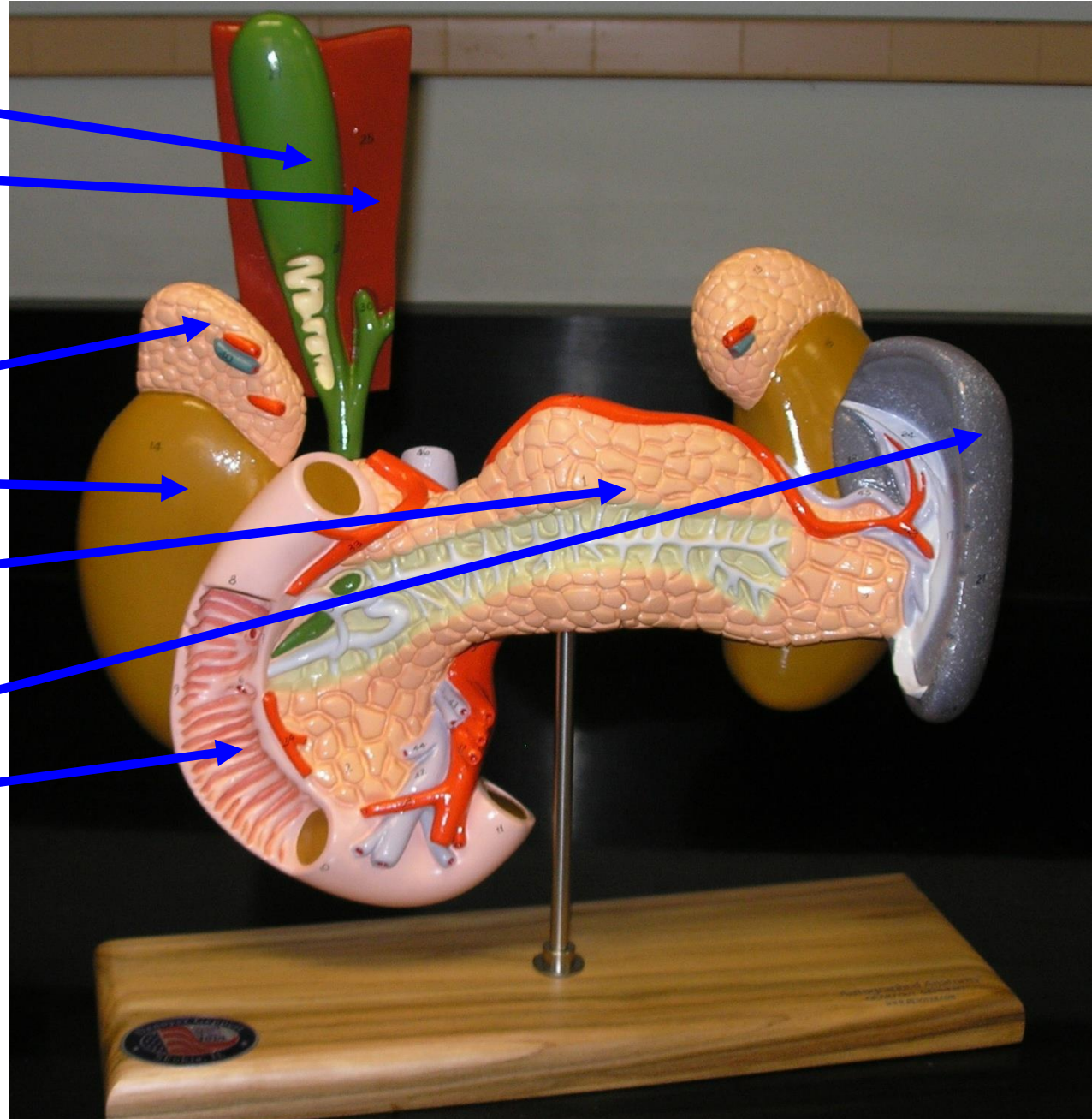
Adrenal Gland

Kidney

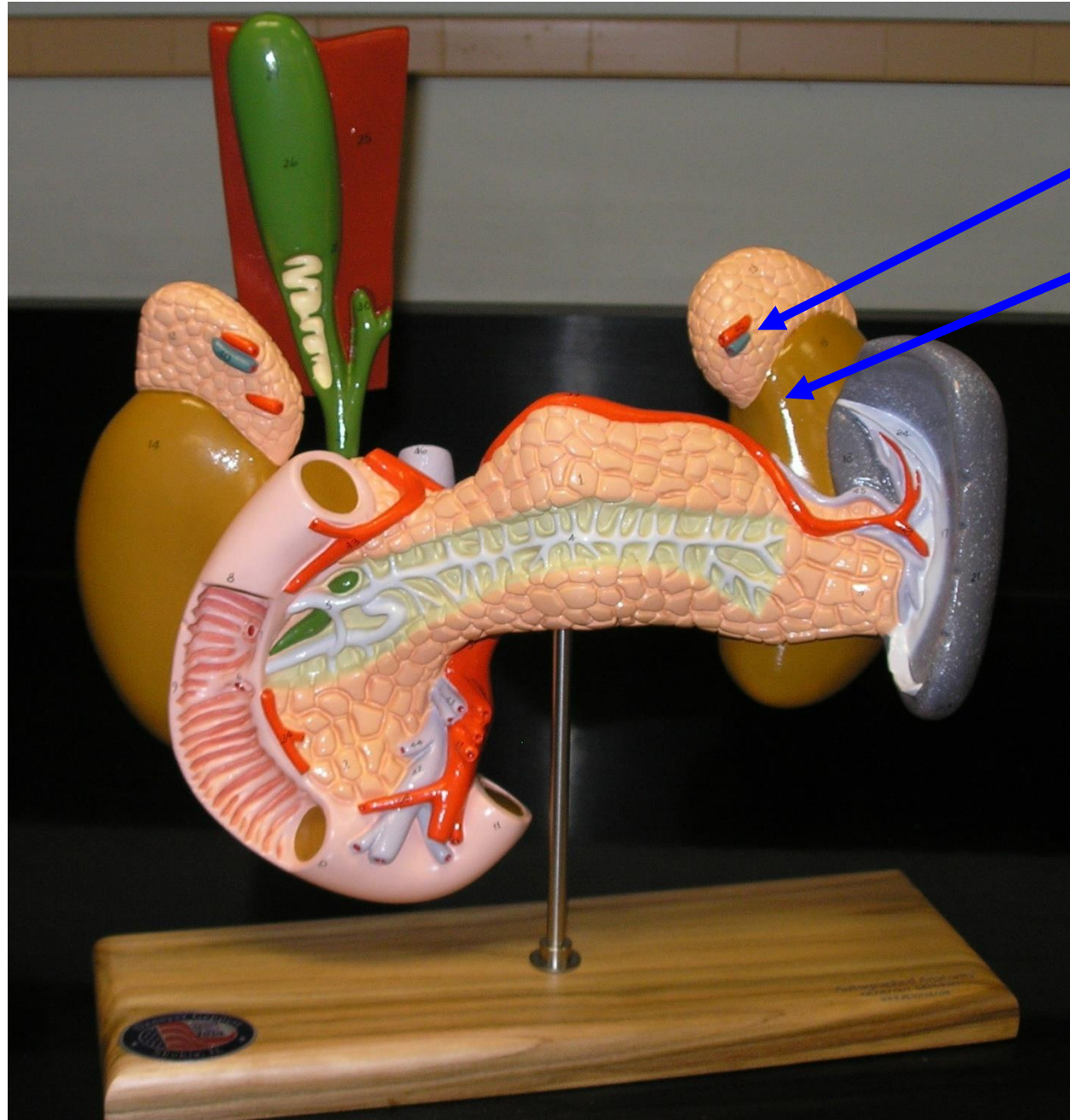
Pancreas

Spleen

Duodenum



Spleen, Pancreas & Duodenum – Anterior View



Adrenal Gland

Kidney

Spleen, Pancreas & Duodenum – Anterior View

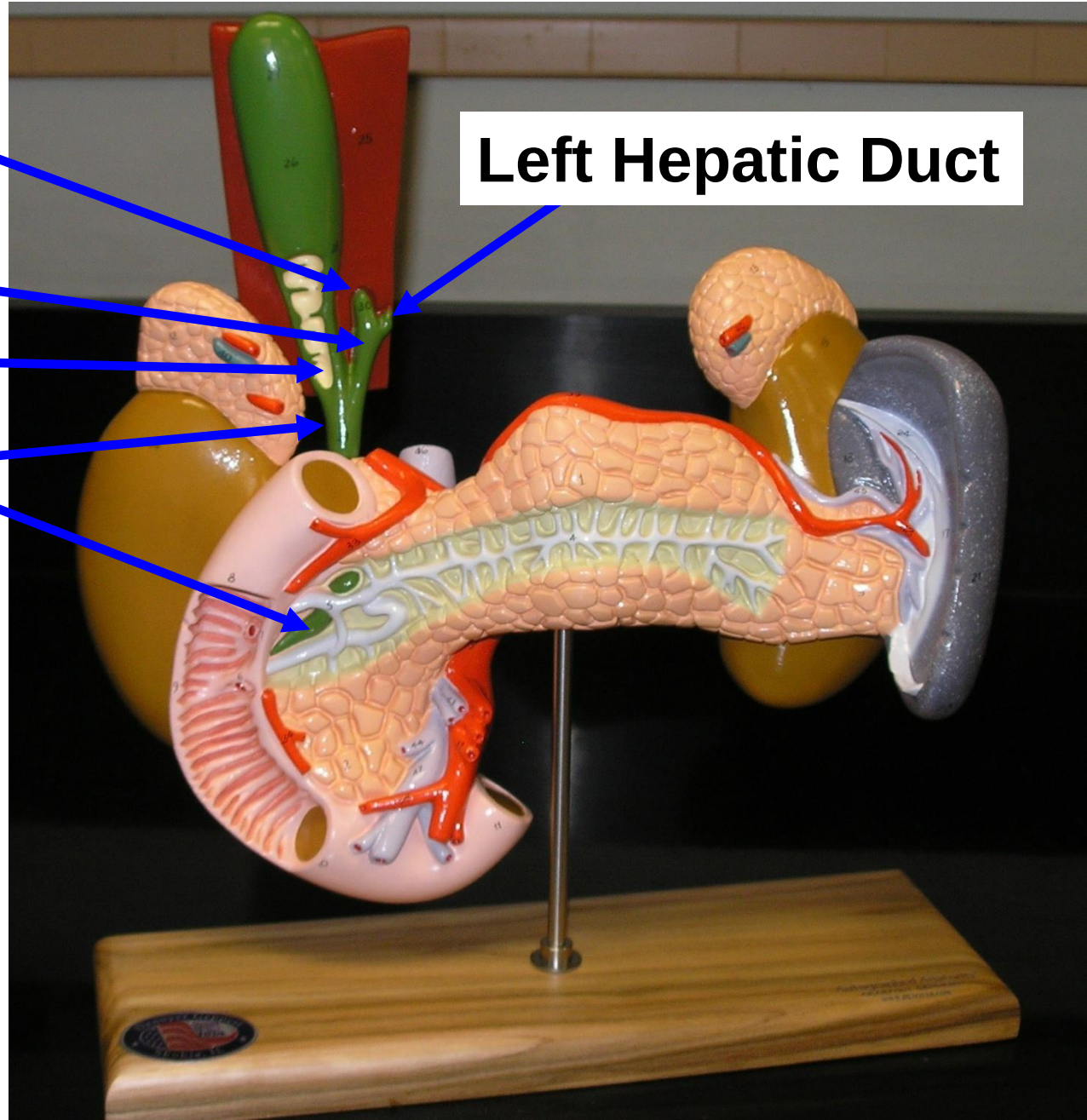
Right Hepatic Duct

Left Hepatic Duct

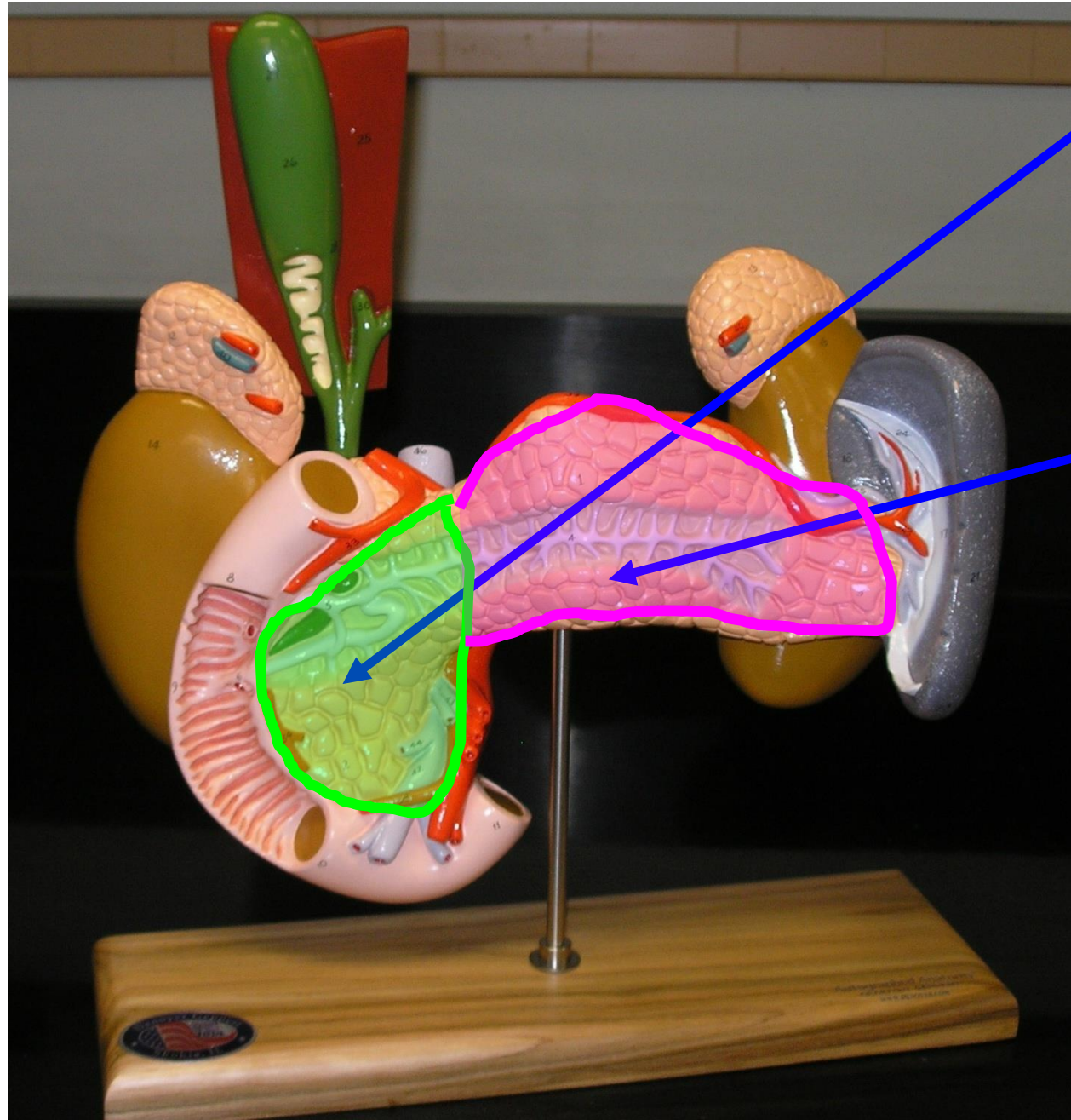
Common Hepatic Duct

Cystic Duct

Common Bile Duct



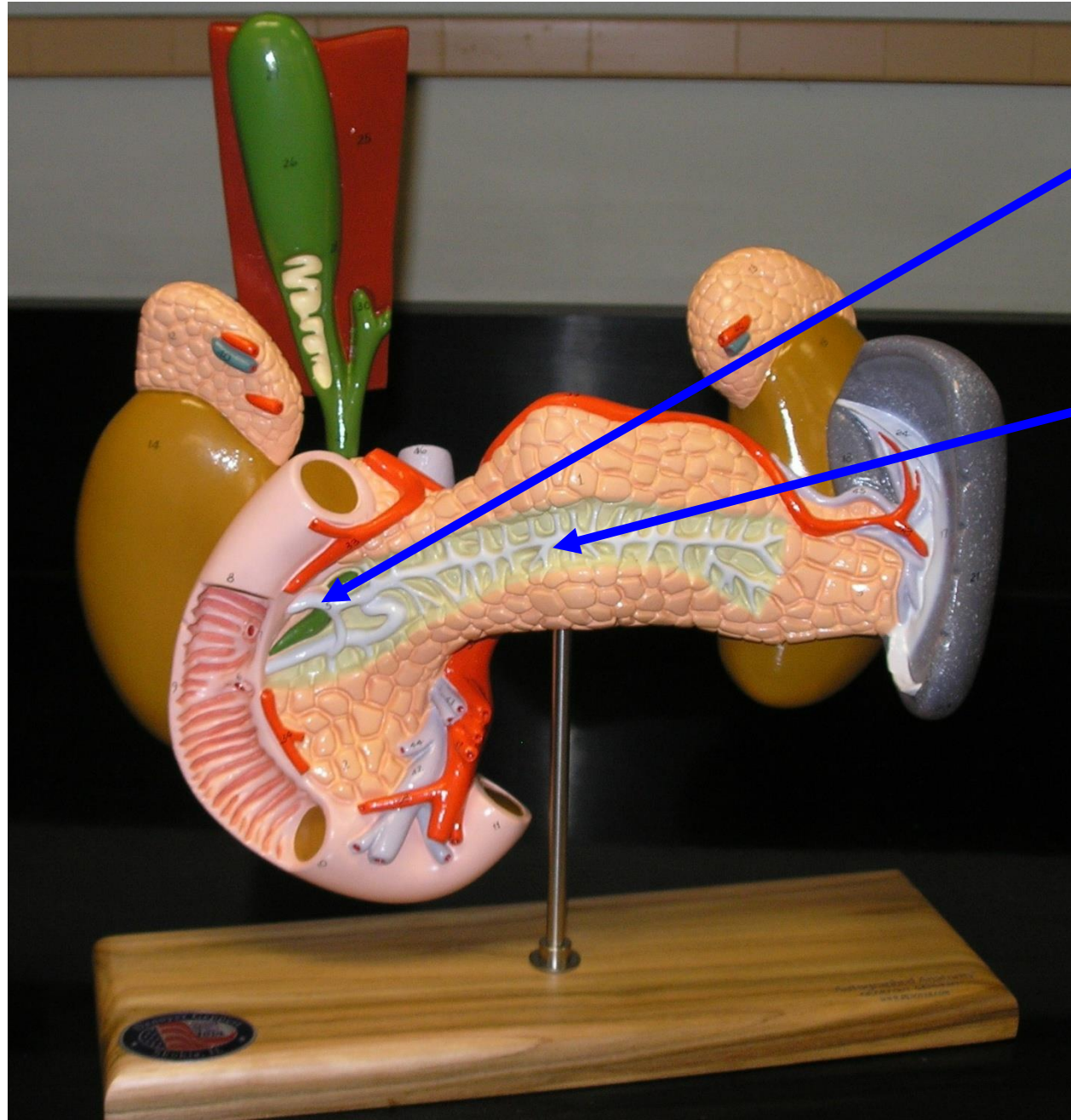
Spleen, Pancreas & Duodenum – Anterior View



Head of Pancreas

Tail of Pancreas

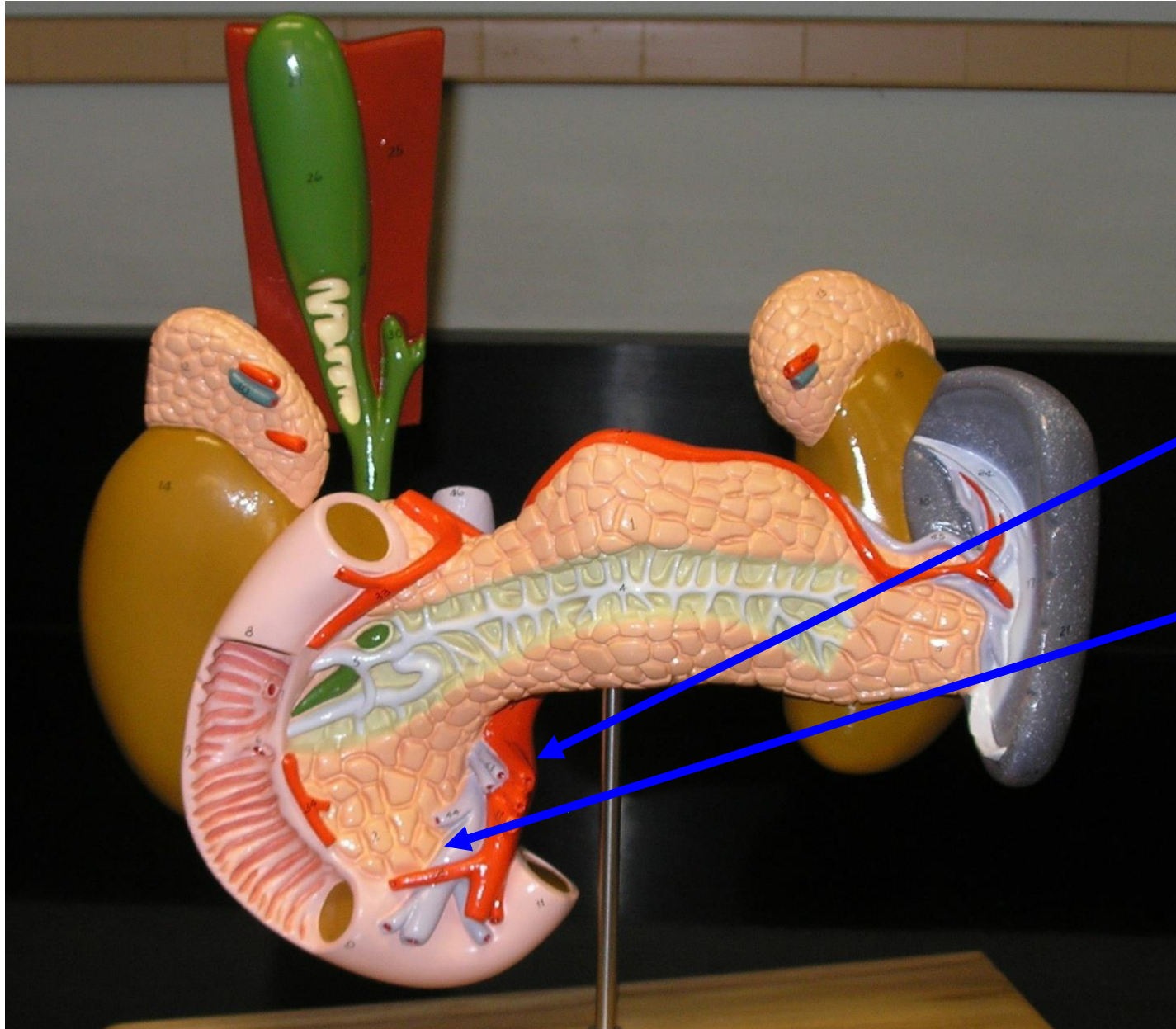
Spleen, Pancreas & Duodenum – Anterior View



Accessory Pancreatic Duct

Main Pancreatic Duct

Spleen, Pancreas & Duodenum – Anterior View



**Superior Mesenteric
Artery**

**Superior Mesenteric
Vein**

Pancreas/Duodenum/Spleen

Posterior View

Liver

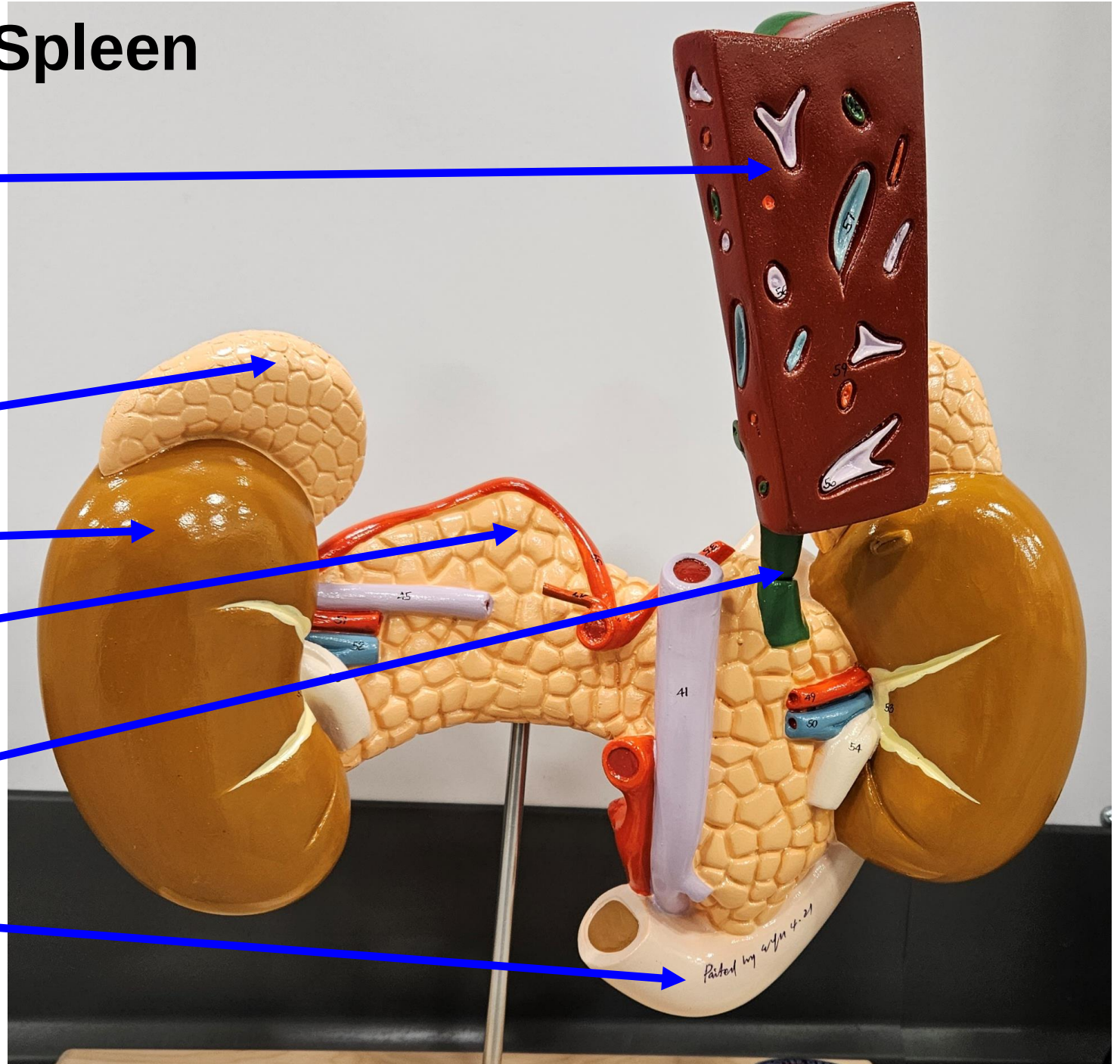
Adrenal Gland

Kidney

Pancreas

Common Bile
Duct

Duodenum



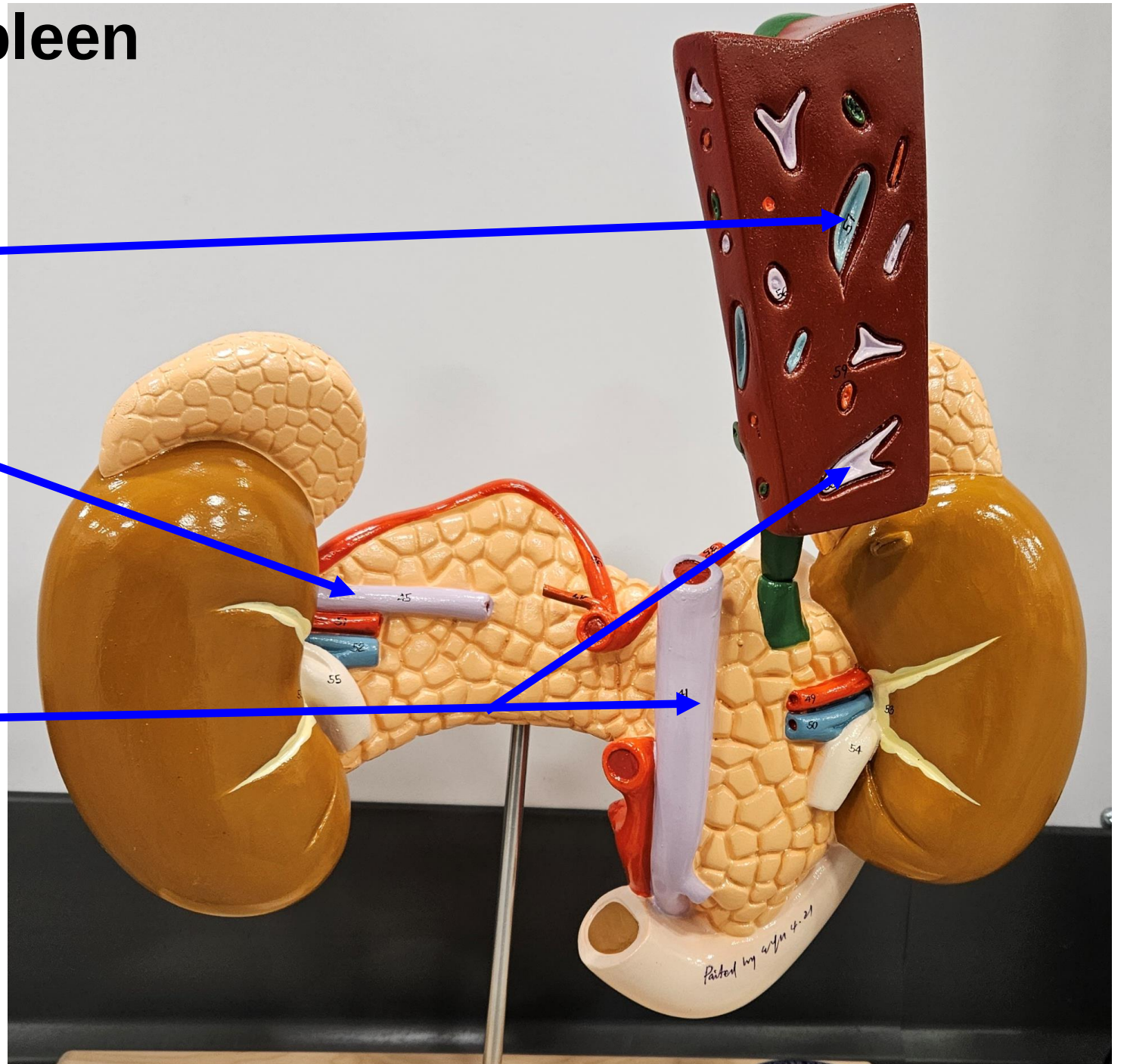
Pancreas/Duodenum/Spleen

Posterior View

Hepatic Vein

Splenic Vein

Hepatic Portal Vein



Pancreas/Duodenum/Spleen – Celiac Trunk

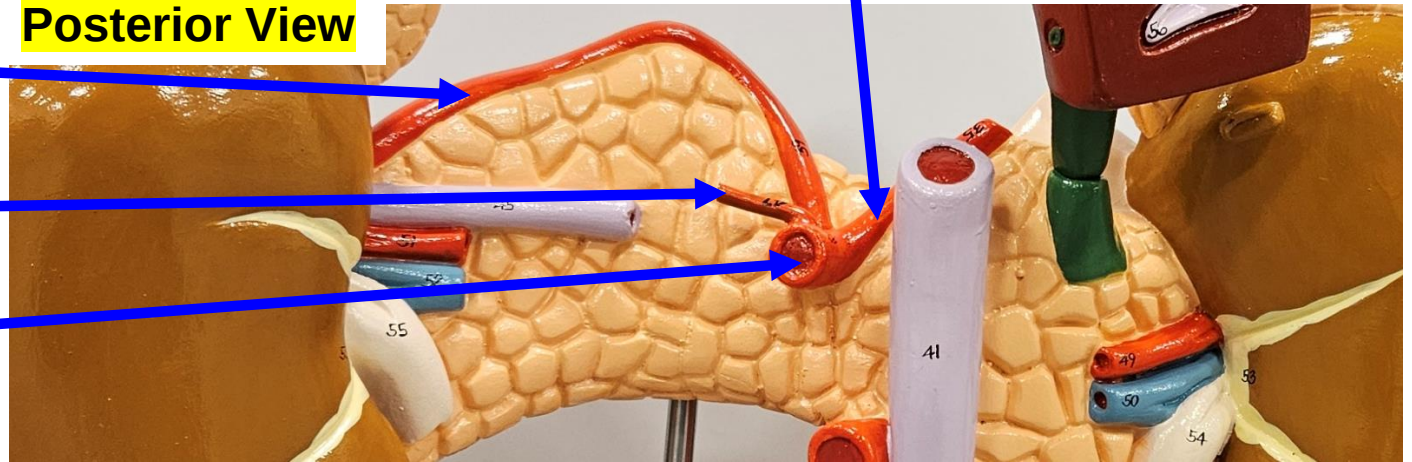
Common Hepatic Artery

Splenic Artery

Left Gastric Artery

Celiac Trunk

Posterior View

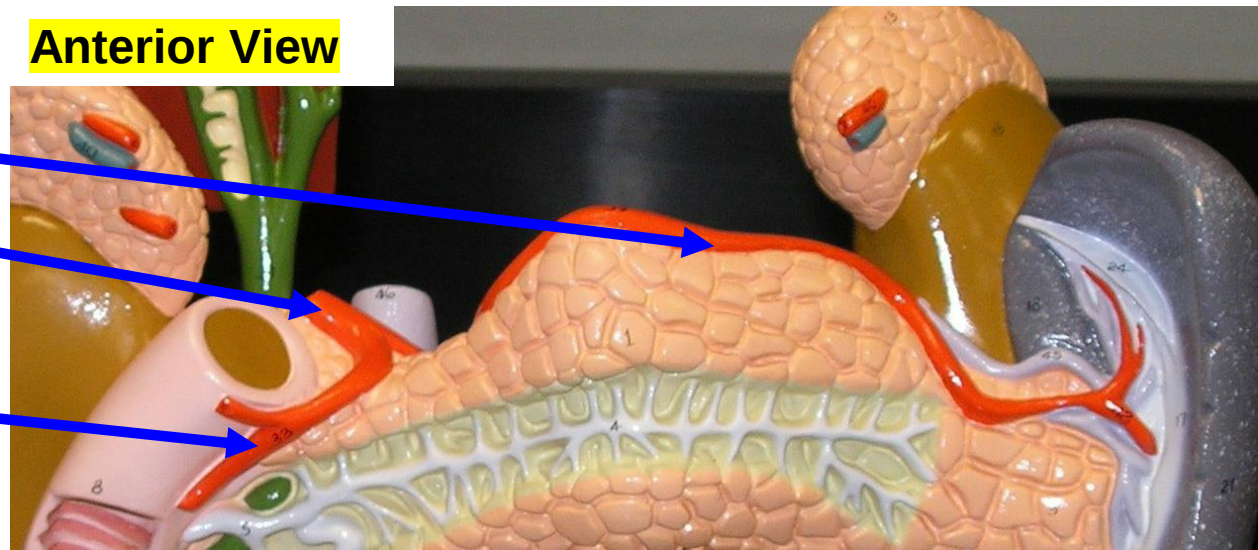


Anterior View

Splenic Artery

Common Hepatic Artery

Right Gastric Artery



Pancreas/Duodenum/Spleen – Posterior View

