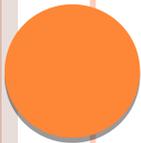


ANATOMY LAB

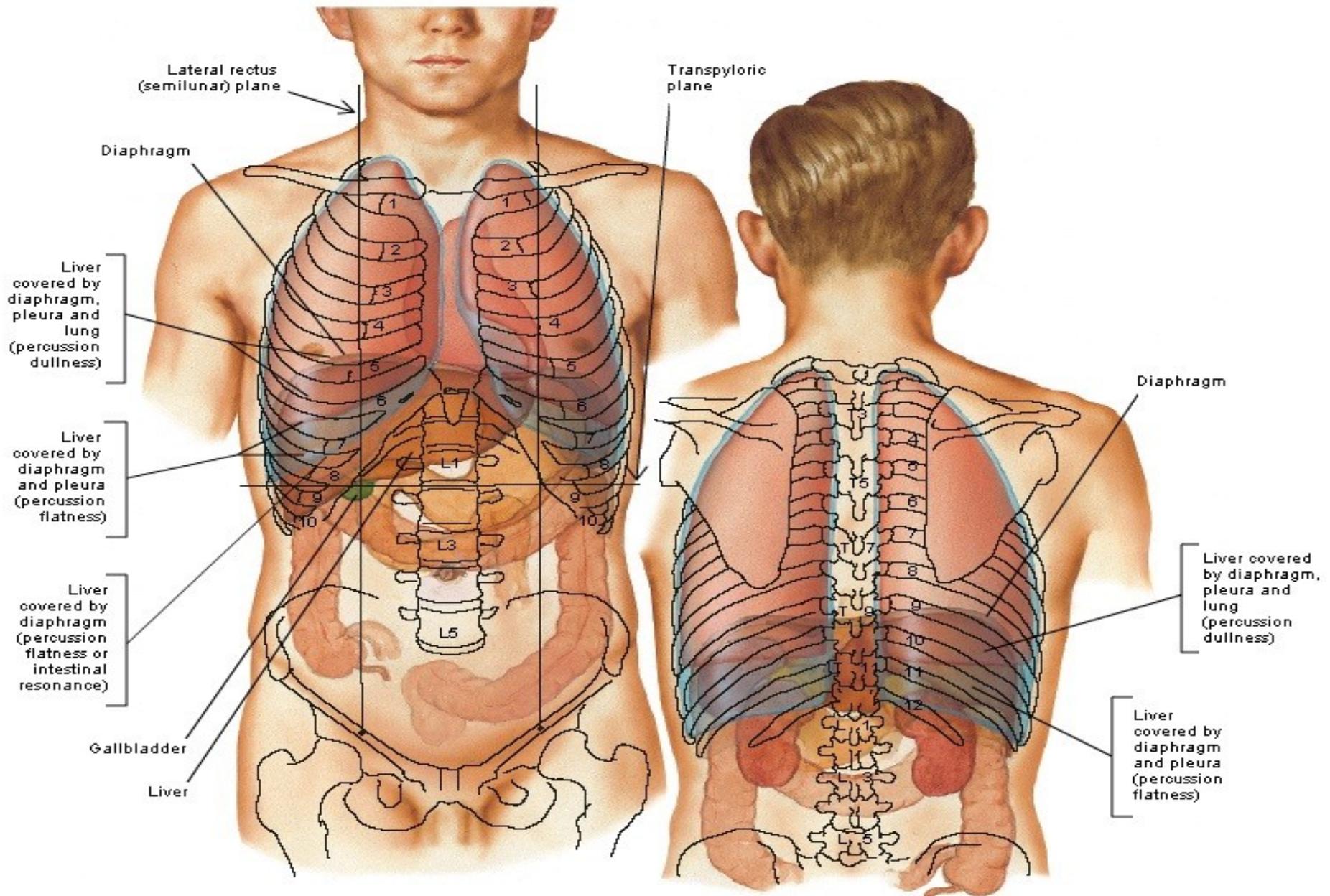
Pre lab 4

م.م.د. نبع احمد الناصري



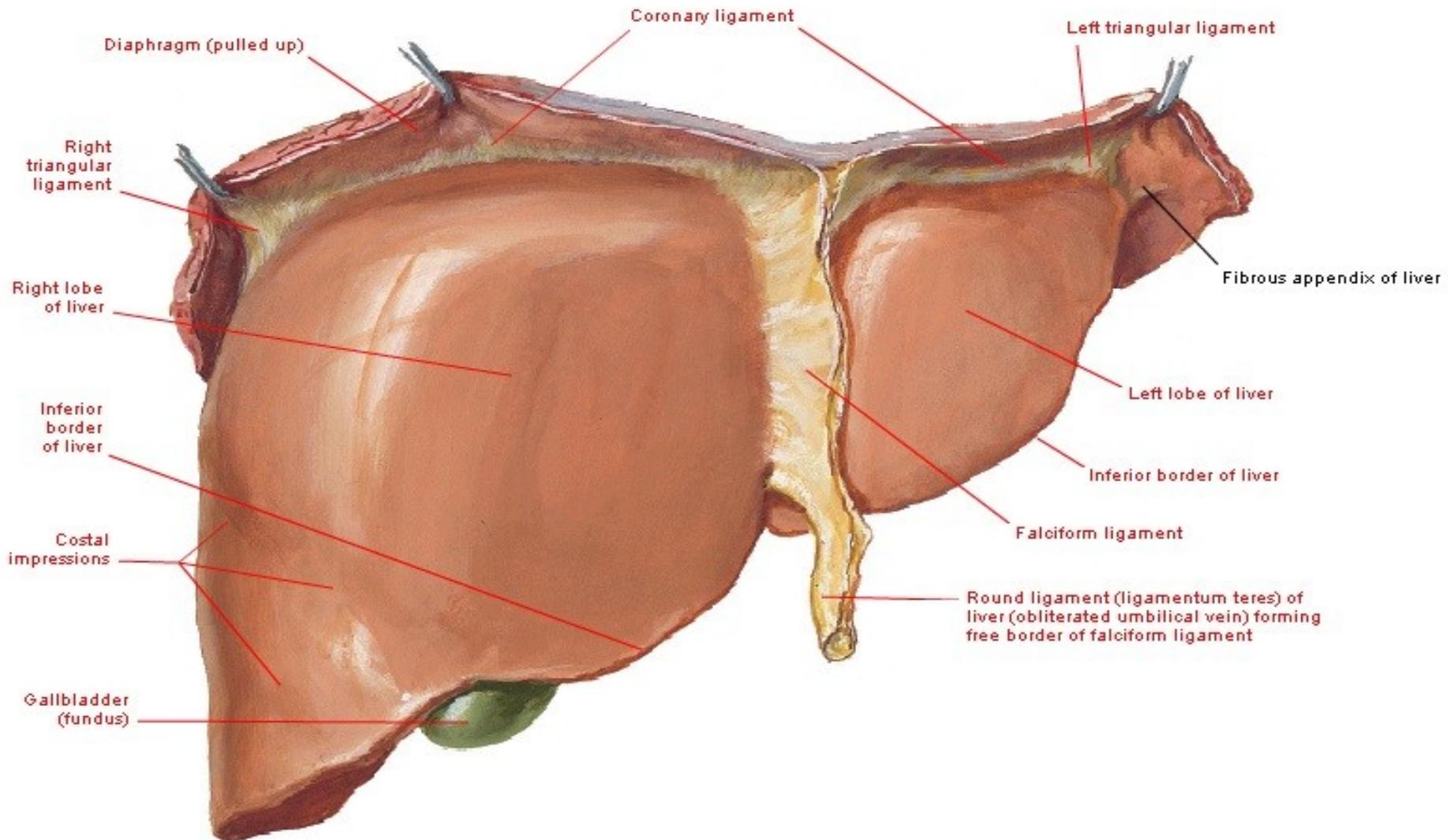
Topography of Liver

Anterior and Posterior Views



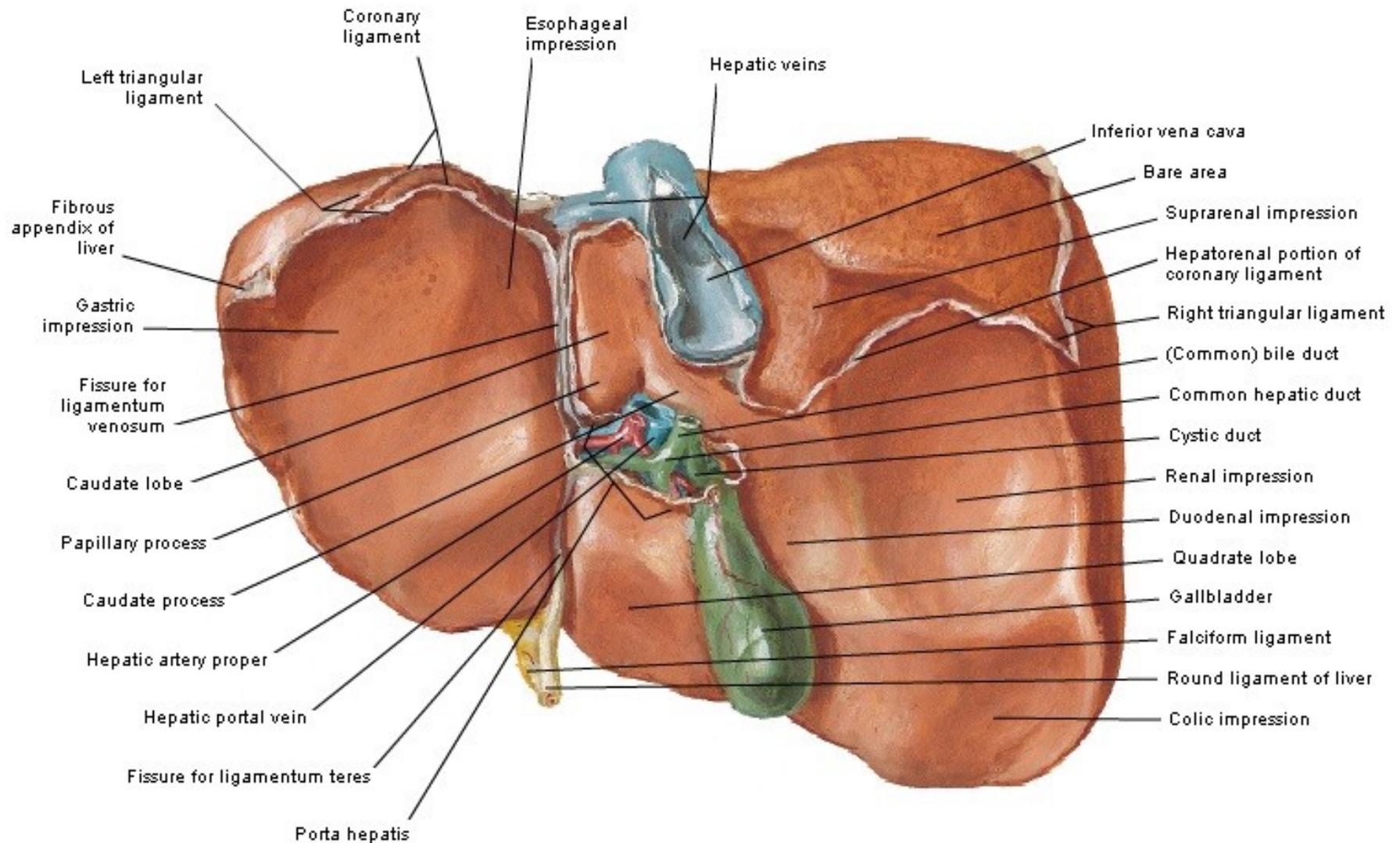
Surfaces and Bed of Liver

Anterior View



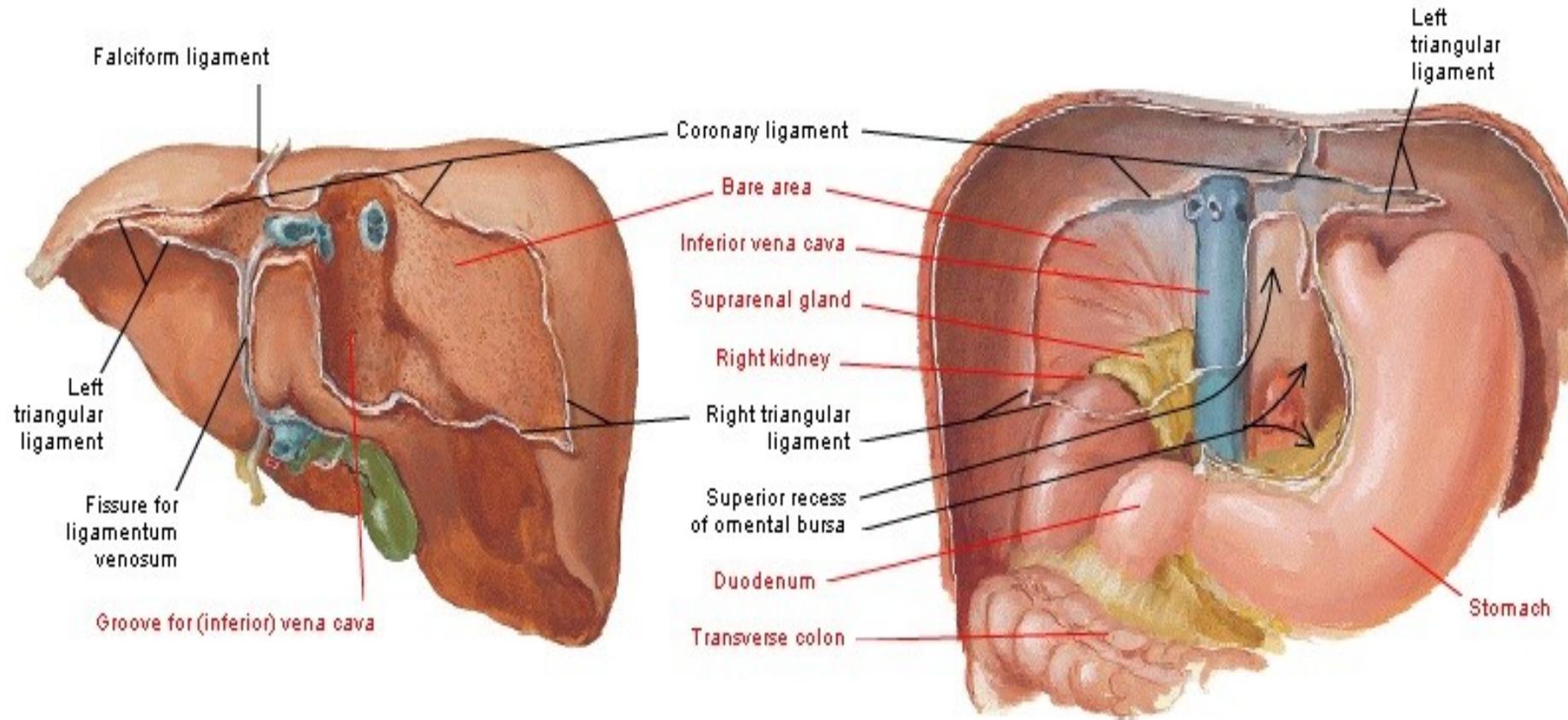
Surfaces and Bed of Liver

Visceral Surface

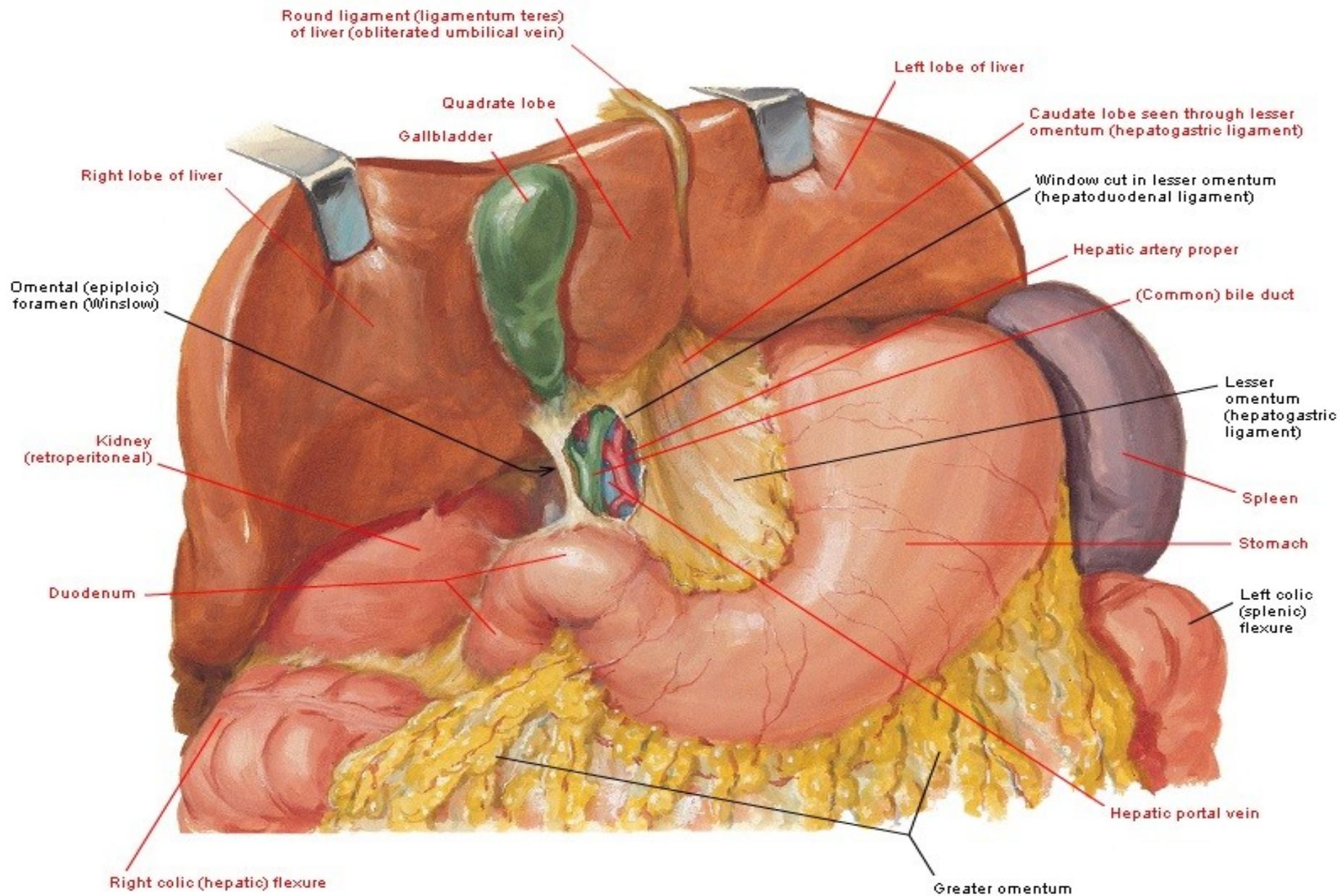


Surfaces and Bed of Liver

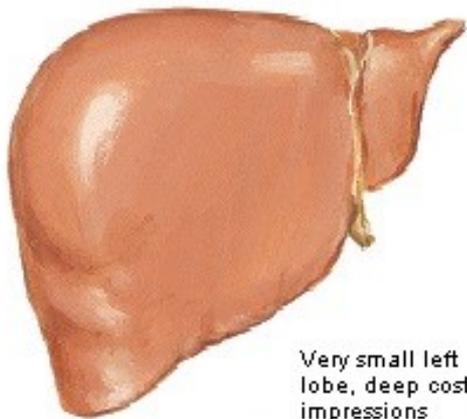
Posterior View and Bed of Liver



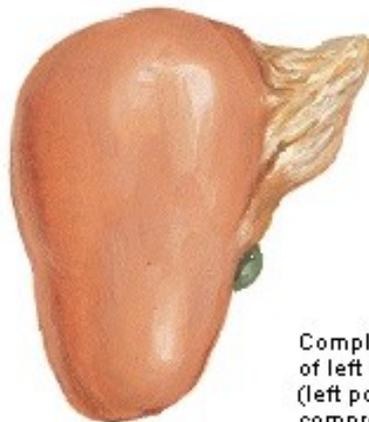
Liver In Situ



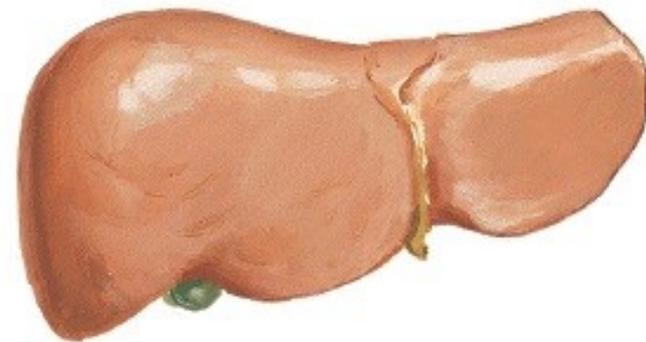
Variations in Form of Liver



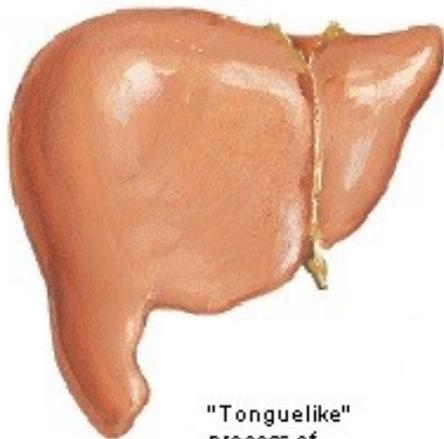
Very small left lobe, deep costal impressions



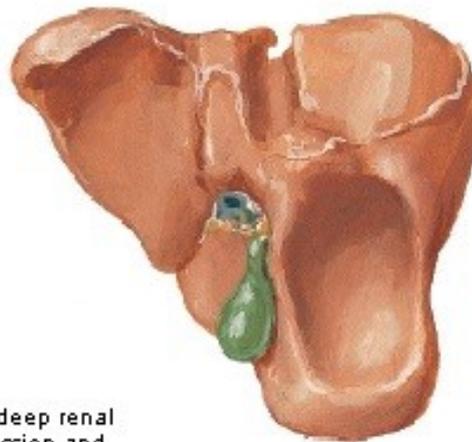
Complete atrophy of left lobe (left portal vein compression)



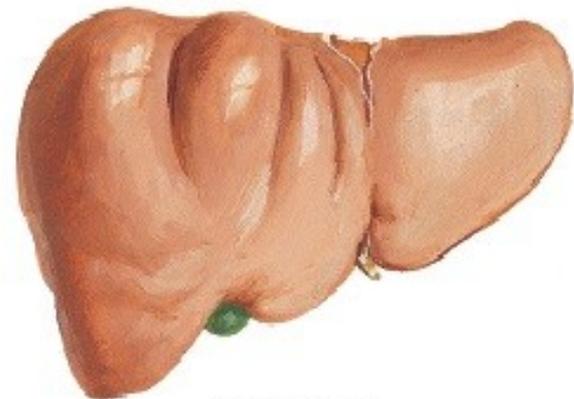
Transverse, "saddlelike" liver, relatively large left lobe



"Tonguelike" process of right lobe

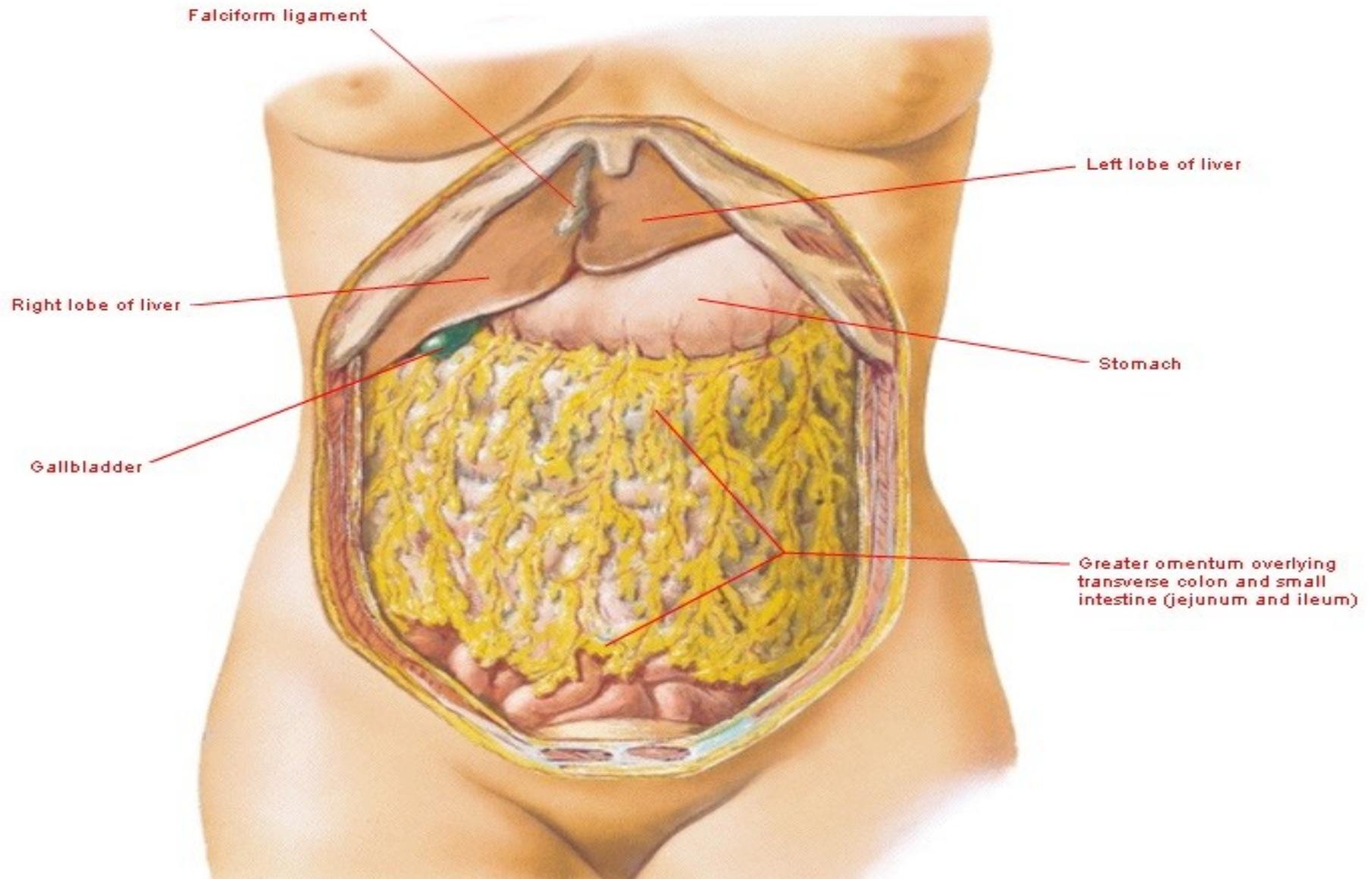


Very deep renal impression and "corset constriction"

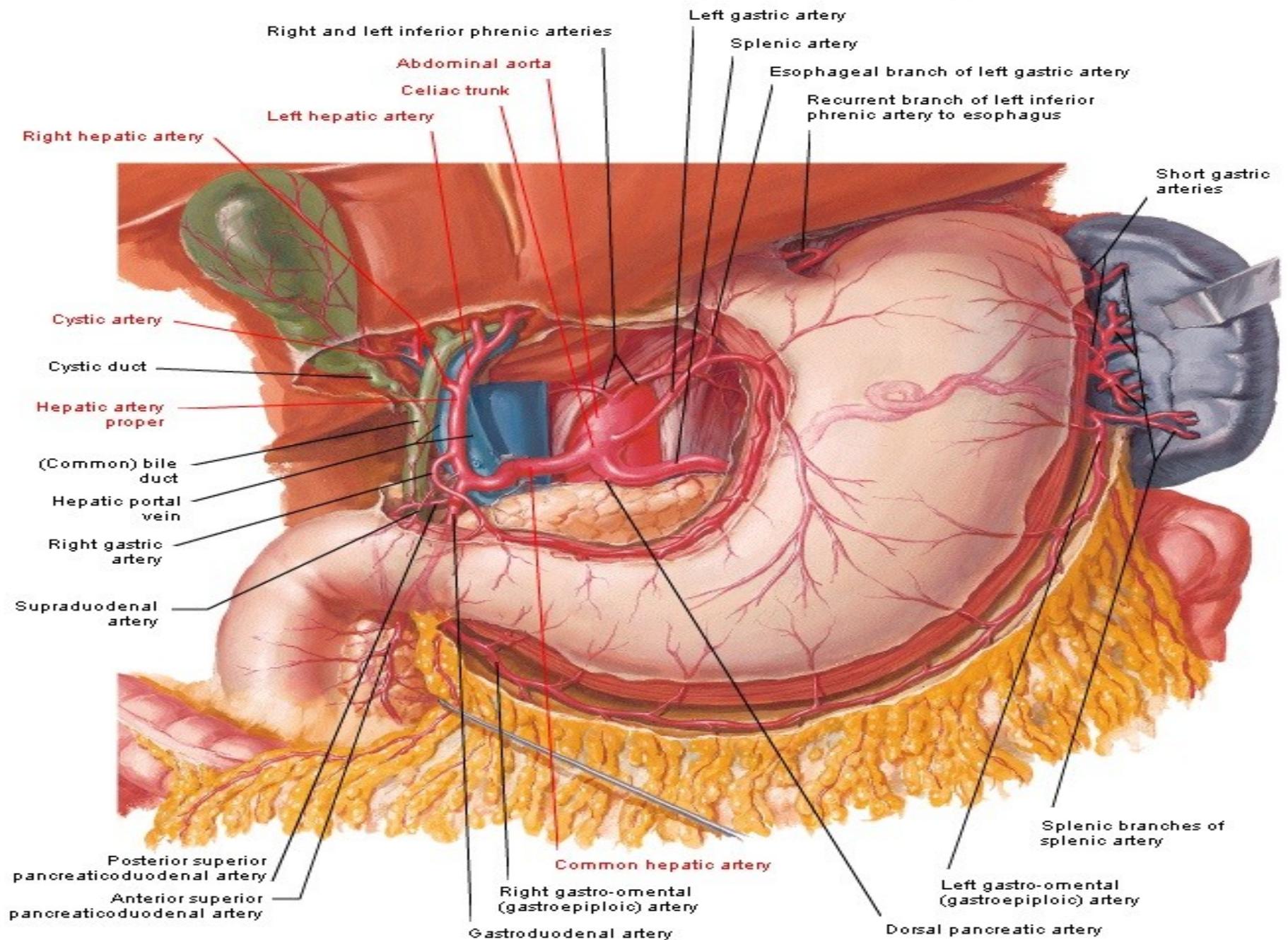


Diaphragmatic grooves

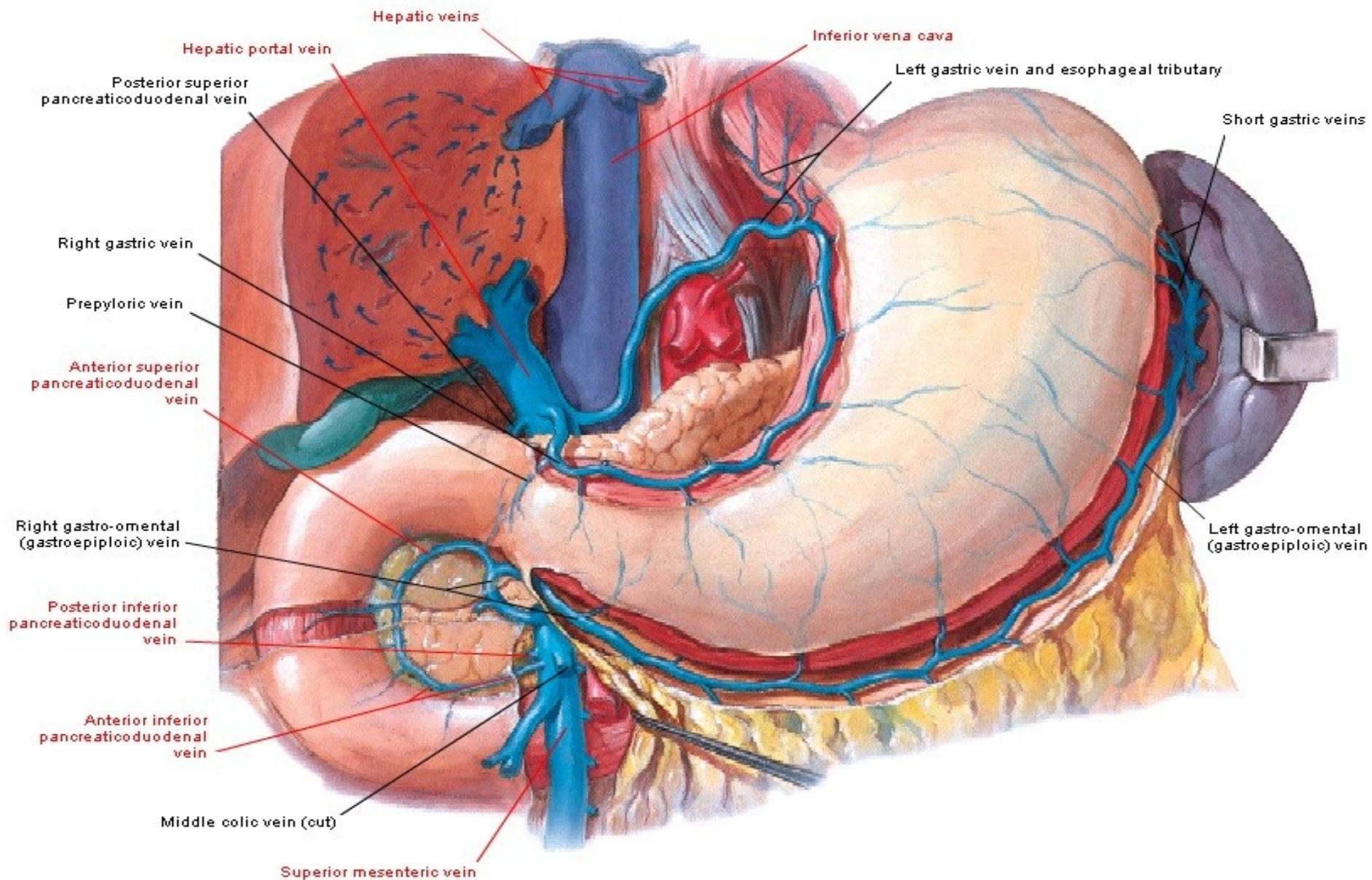
Greater Omentum and Abdominal Viscera



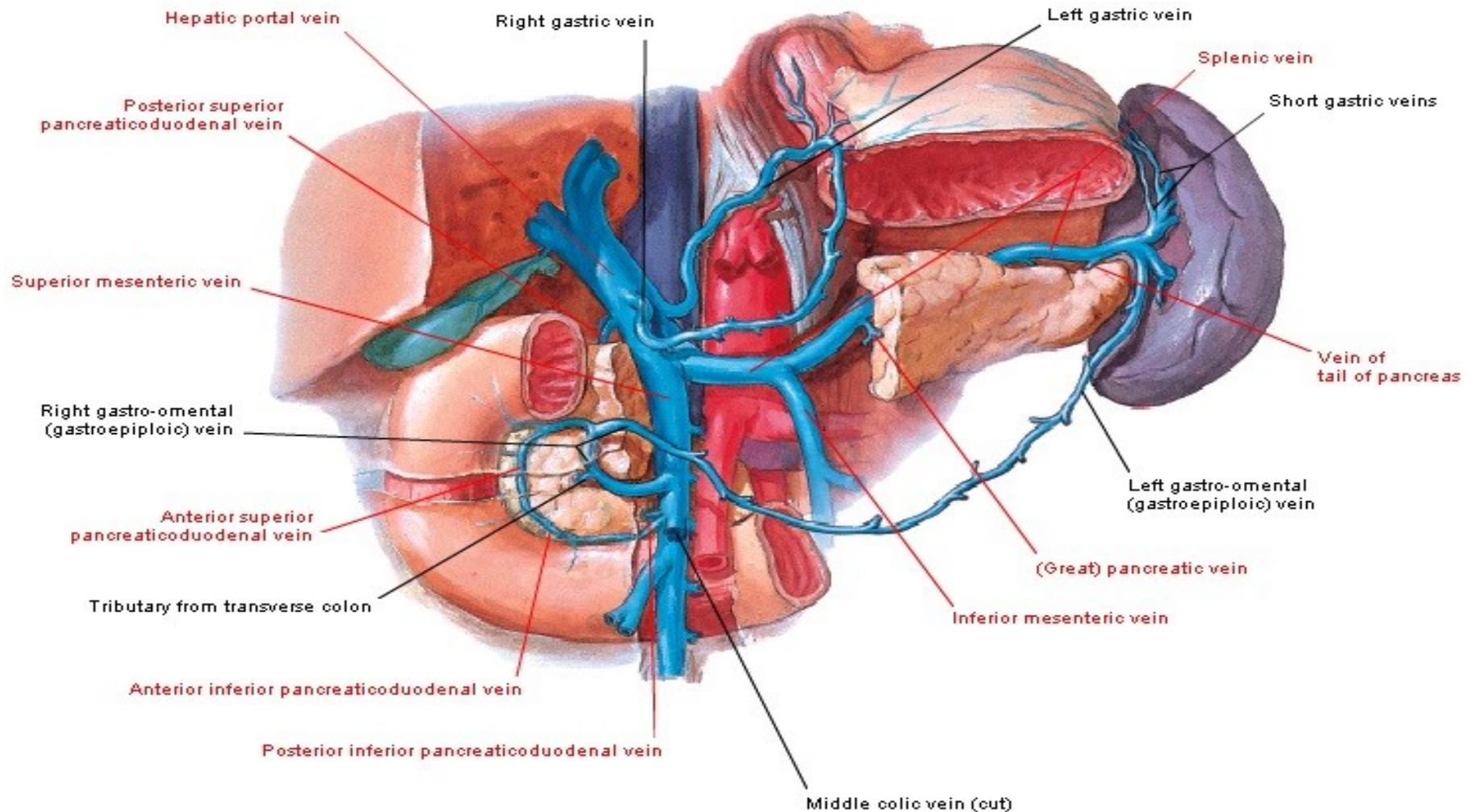
Arteries of Stomach, Liver and Spleen



Veins of Stomach, Duodenum, and Pancreas

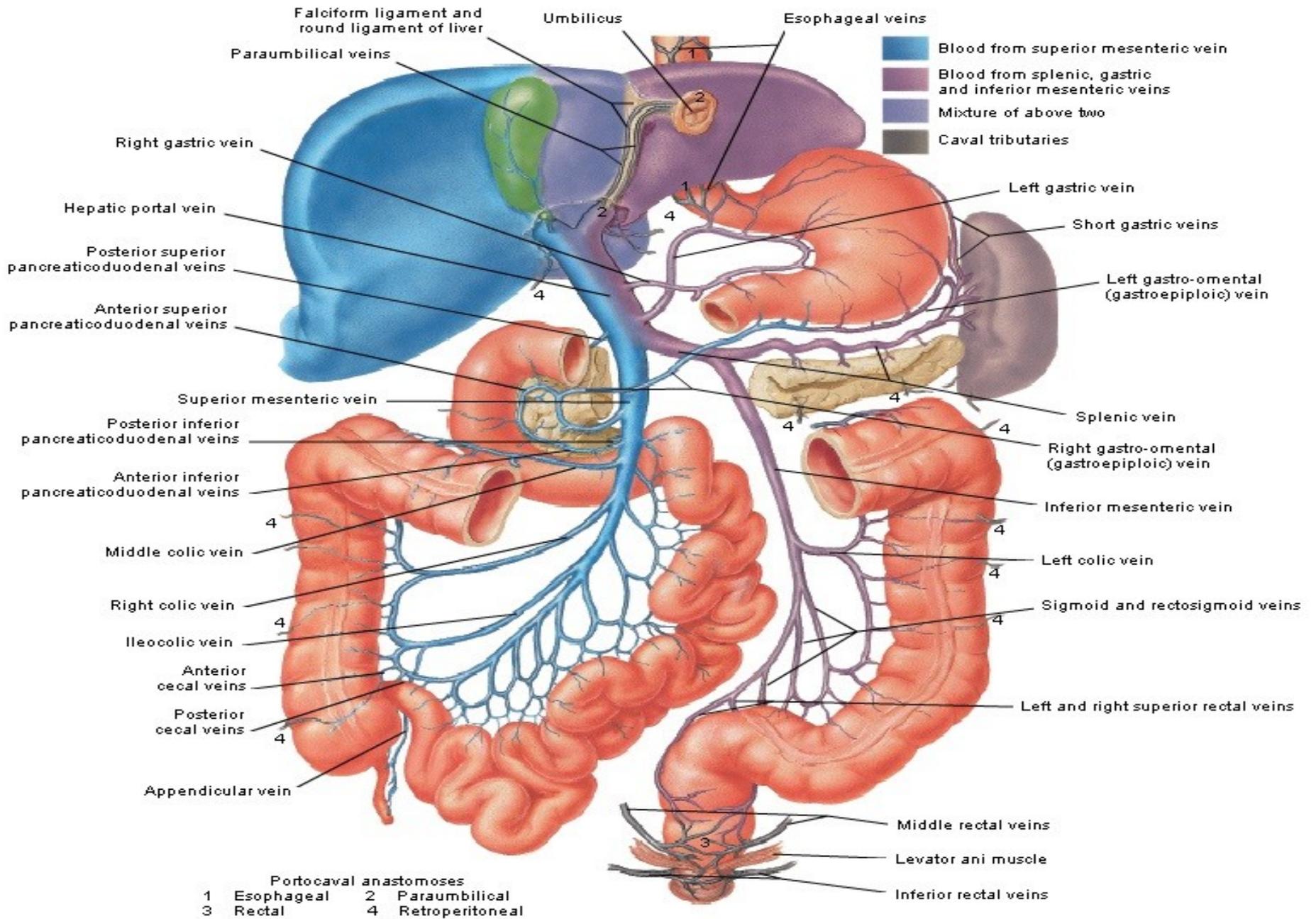


Veins of Stomach, Duodenum, and Pancreas

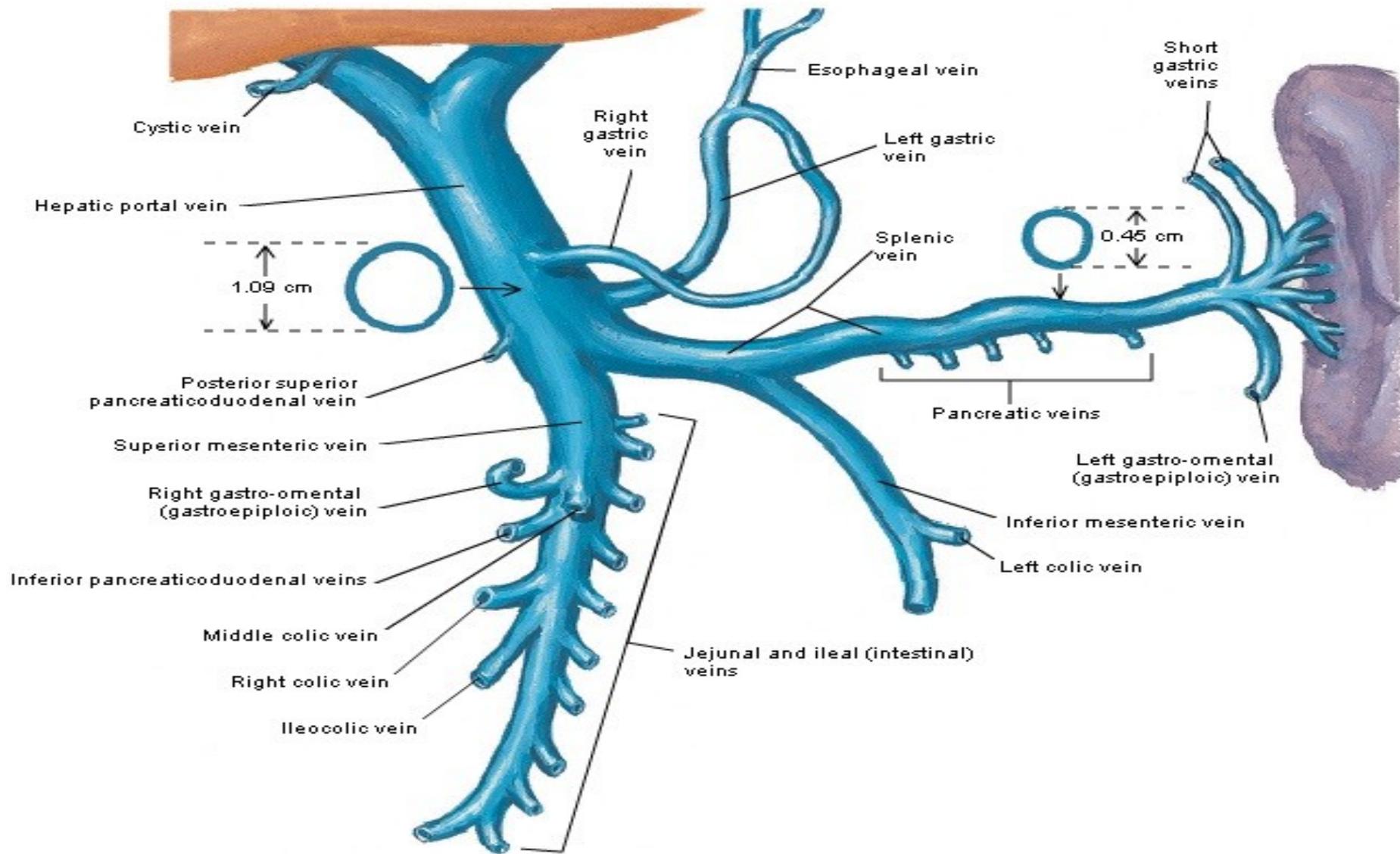


Hepatic Portal Vein Tributaries

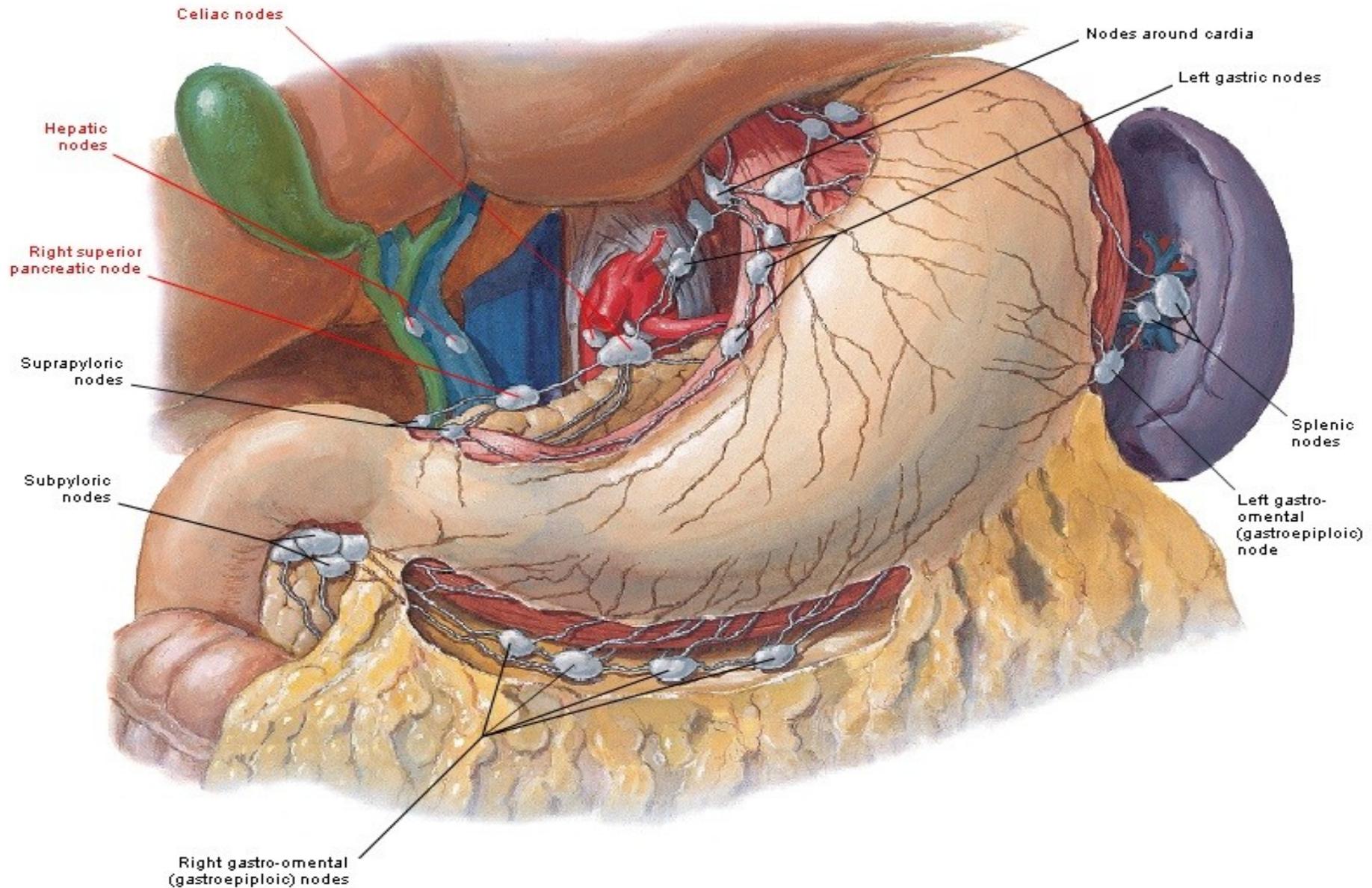
Portocaval Anastomoses



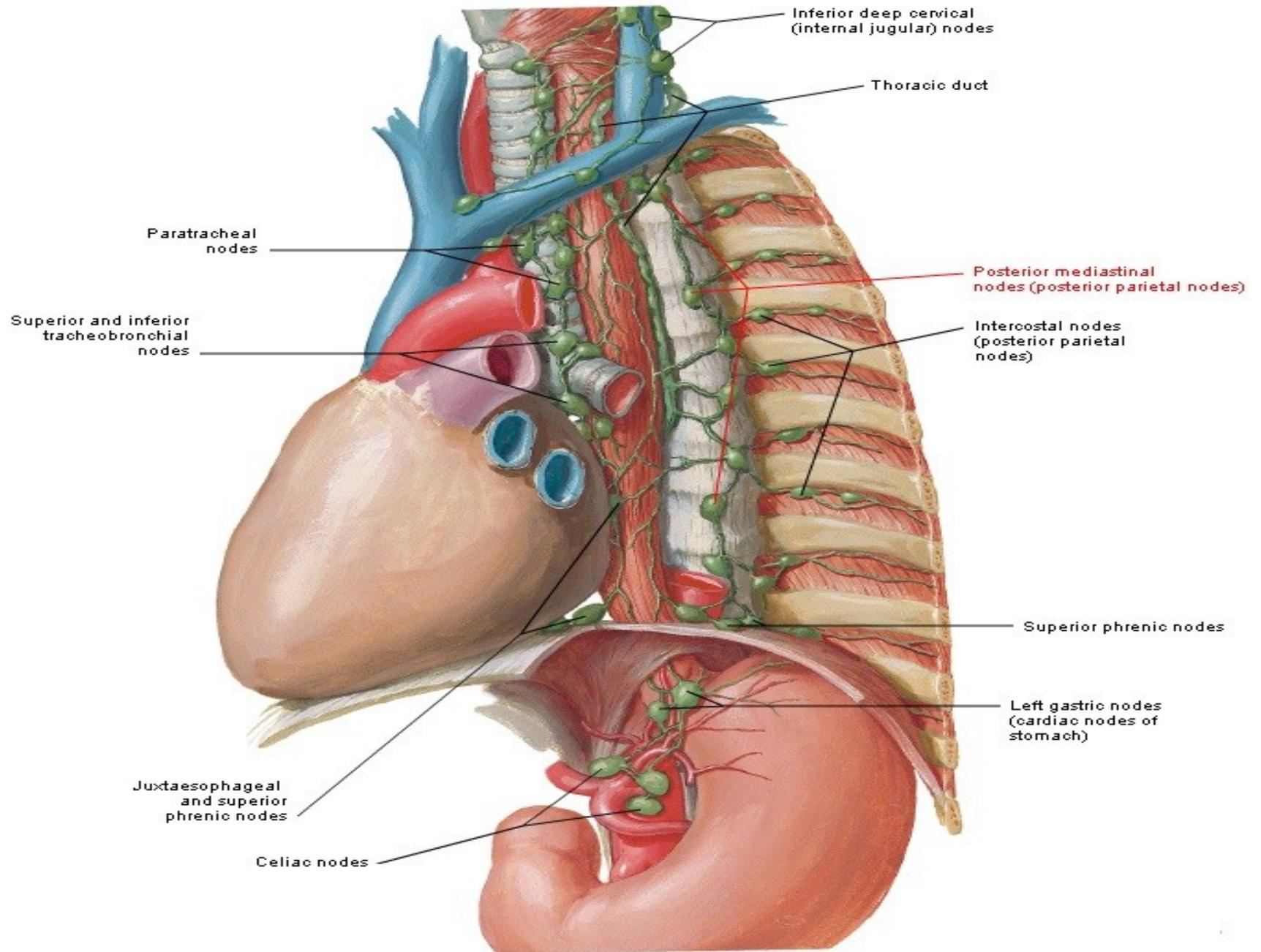
Typical Arrangement of Hepatic Portal Vein



Lymph Vessels and Nodes of Stomach

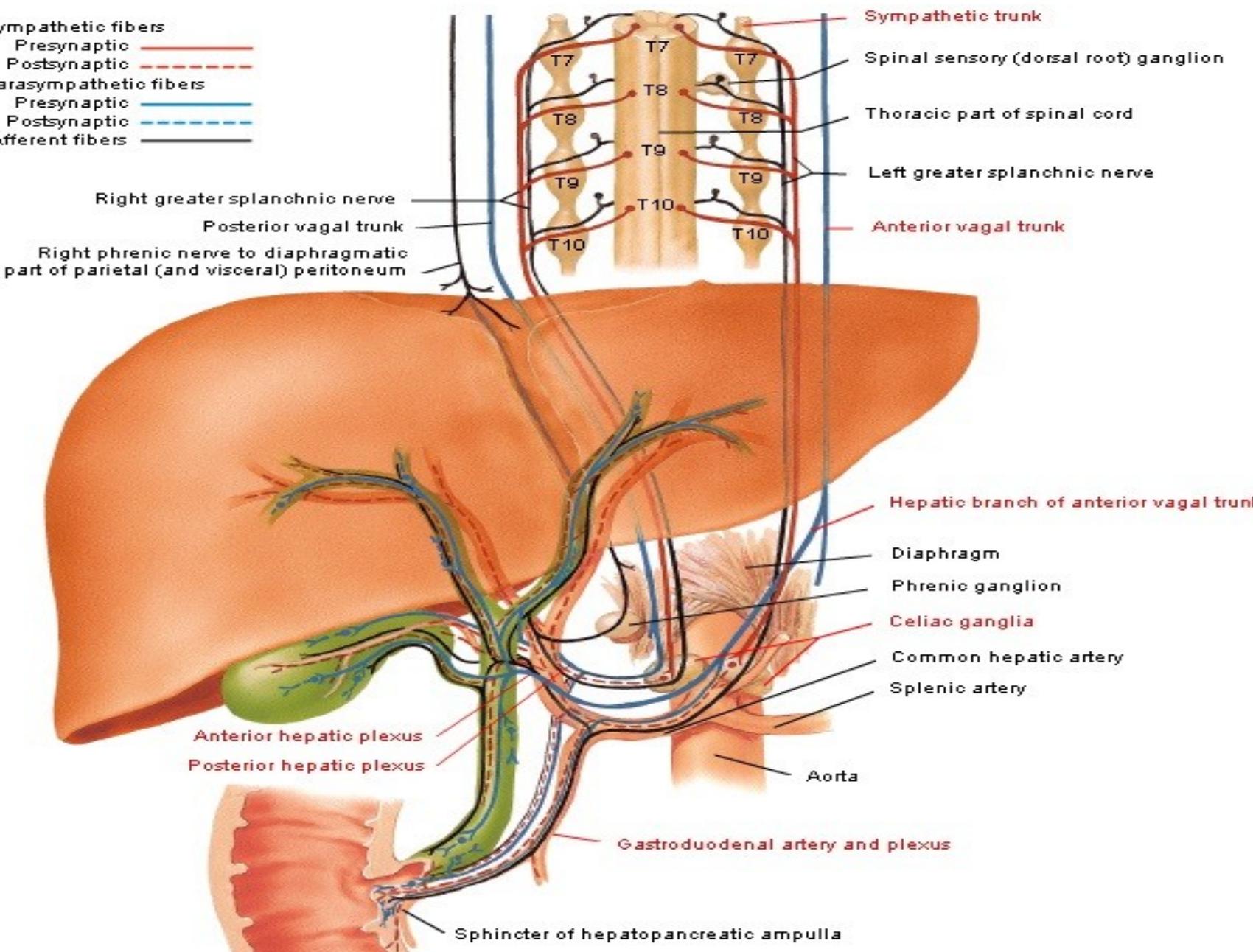


Lymph Vessels and Nodes of Esophagus



Innervation of Liver and Biliary Tract Schema

- Sympathetic fibers
 - Presynaptic ——— (solid red line)
 - Postsynaptic - - - - (dashed red line)
- Parasympathetic fibers
 - Presynaptic ——— (solid blue line)
 - Postsynaptic - - - - (dashed blue line)
- Afferent fibers ——— (solid black line)



Right greater splanchnic nerve
 Posterior vagal trunk
 Right phrenic nerve to diaphragmatic part of parietal (and visceral) peritoneum

Sympathetic trunk
 Spinal sensory (dorsal root) ganglion
 Thoracic part of spinal cord
 Left greater splanchnic nerve
 Anterior vagal trunk

Hepatic branch of anterior vagal trunk
 Diaphragm
 Phrenic ganglion
 Celiac ganglia
 Common hepatic artery
 Splenic artery
 Aorta

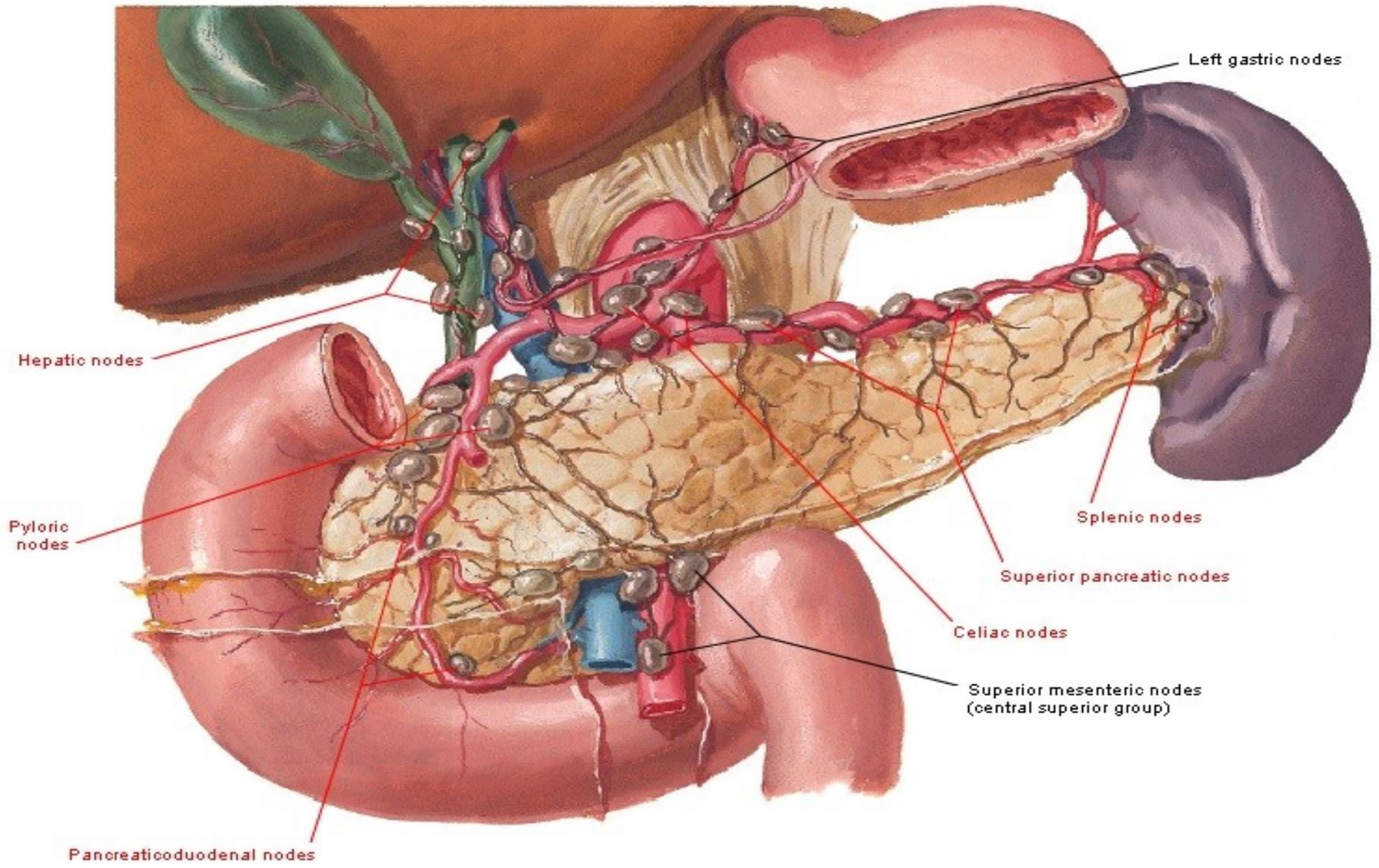
Anterior hepatic plexus
 Posterior hepatic plexus

Gastroduodenal artery and plexus

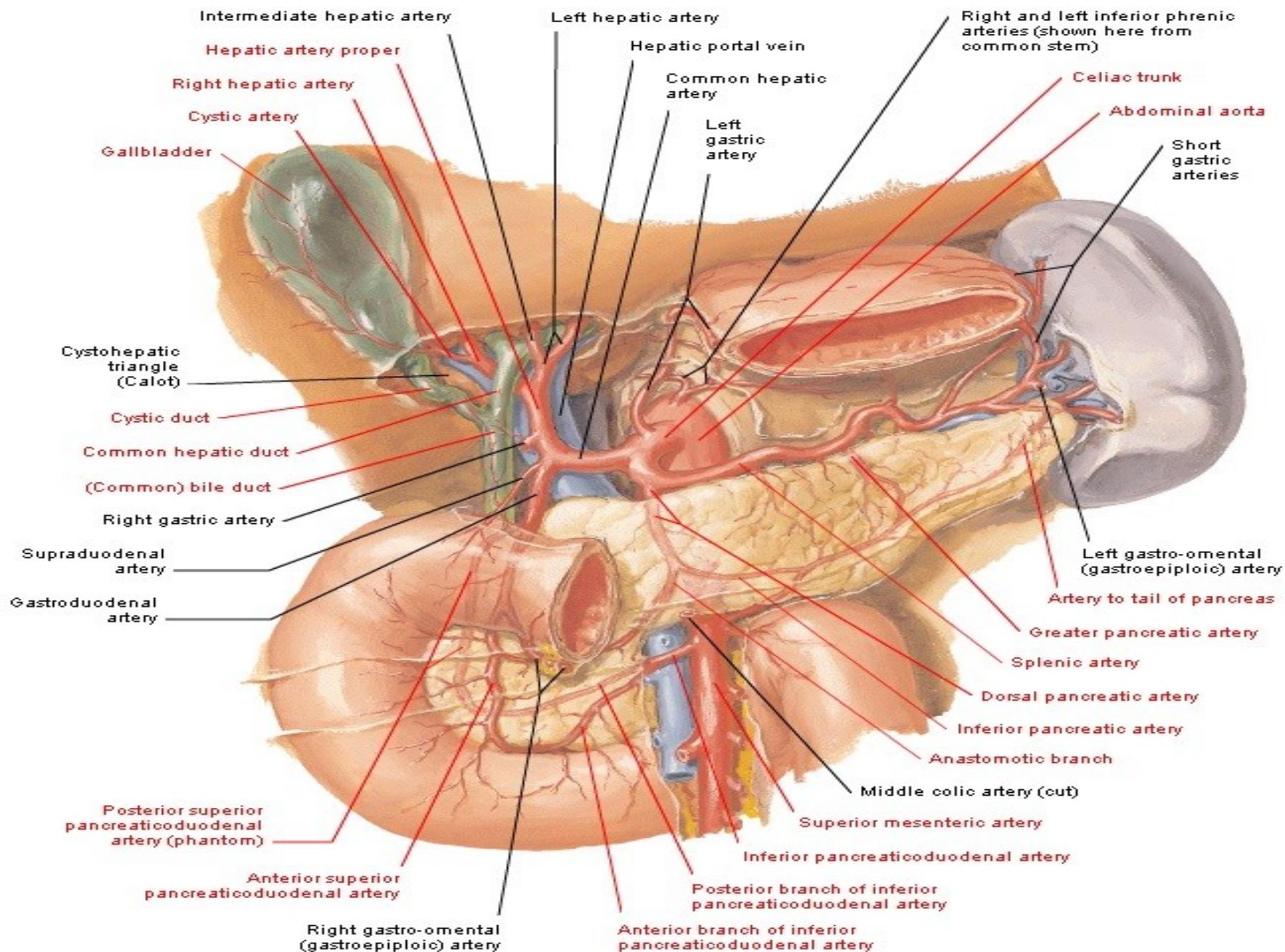
Sphincter of hepatopancreatic ampulla

Lymph Vessels and Nodes of Pancreas

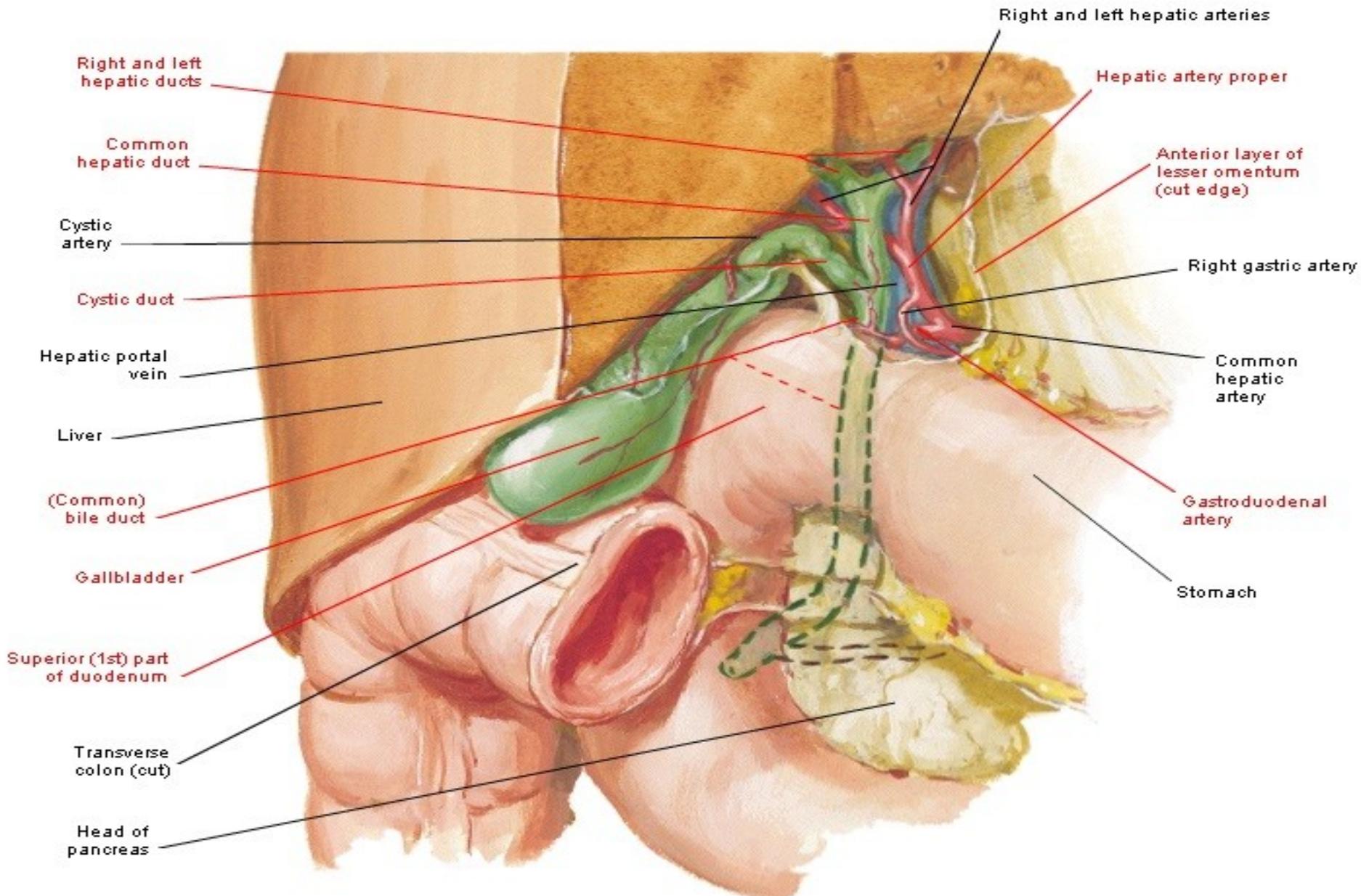
Anterior View



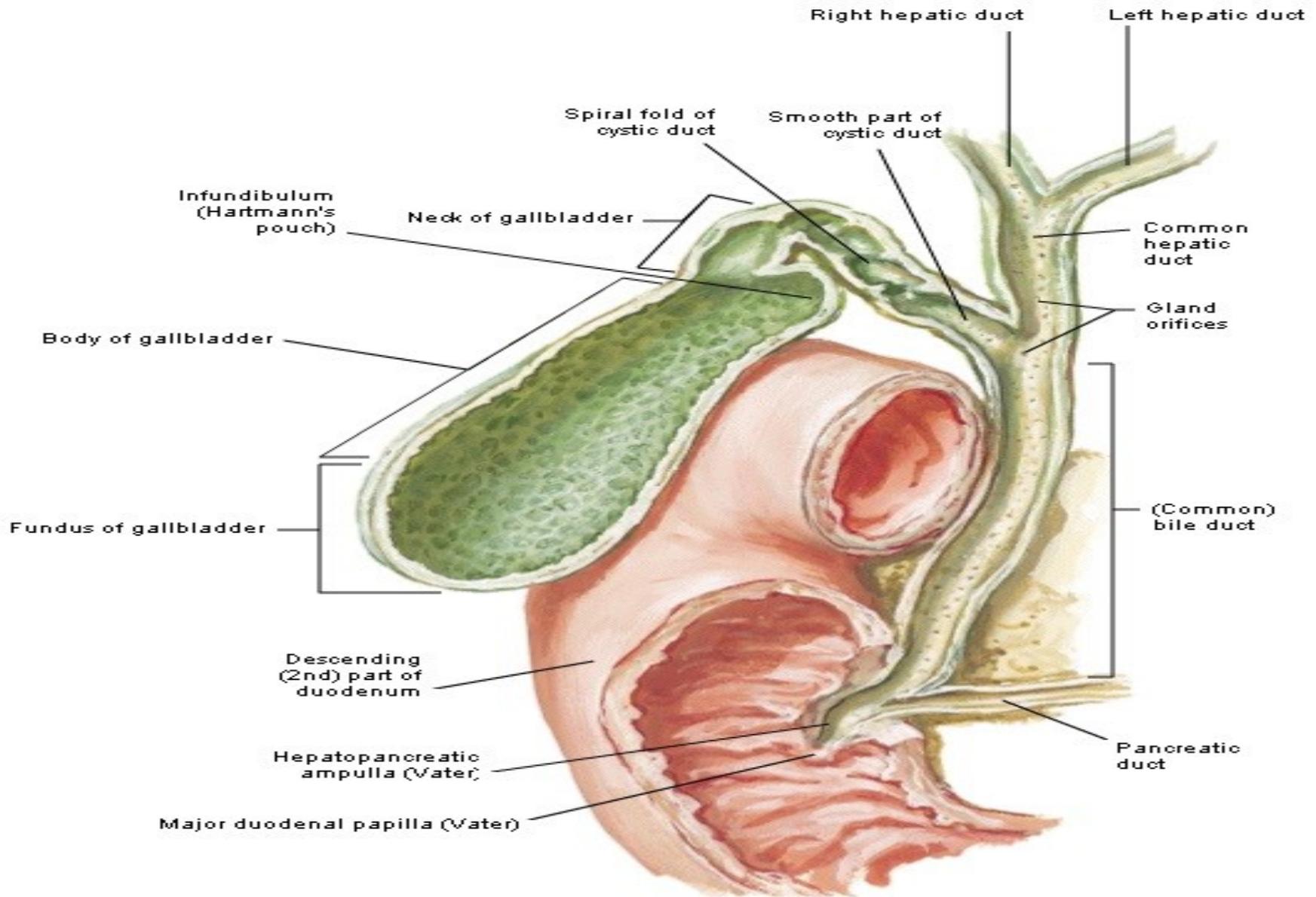
Arteries of Liver, Pancreas, Duodenum and Spleen



Gallbladder and Extrahepatic Bile Ducts



Gallbladder and Extrahepatic Bile Ducts Sectioned



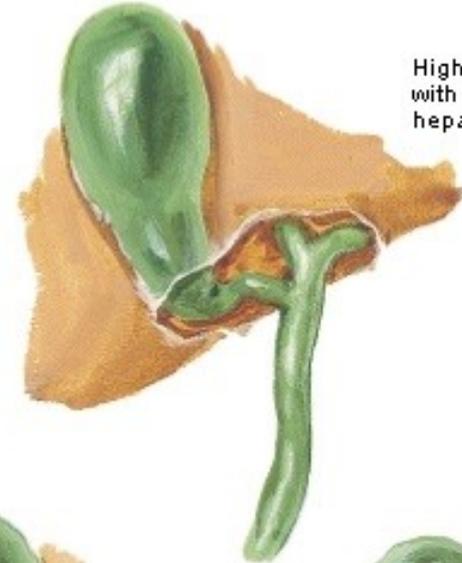
Variations in Cystic Duct



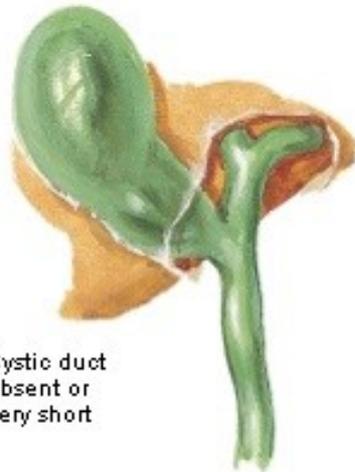
Low union
with common
hepatic duct



Adherent to
common
hepatic duct



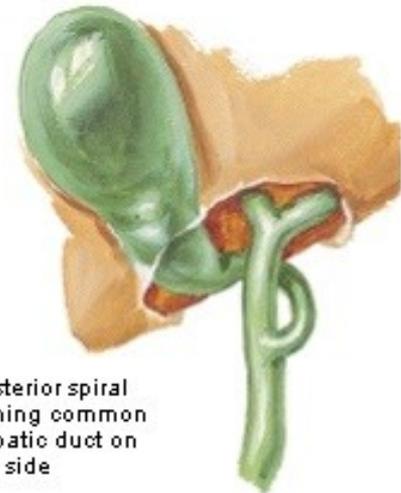
High union
with common
hepatic duct



Cystic duct
absent or
very short

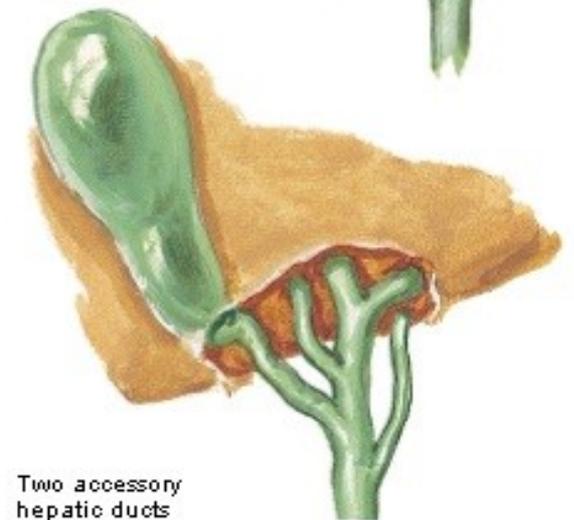
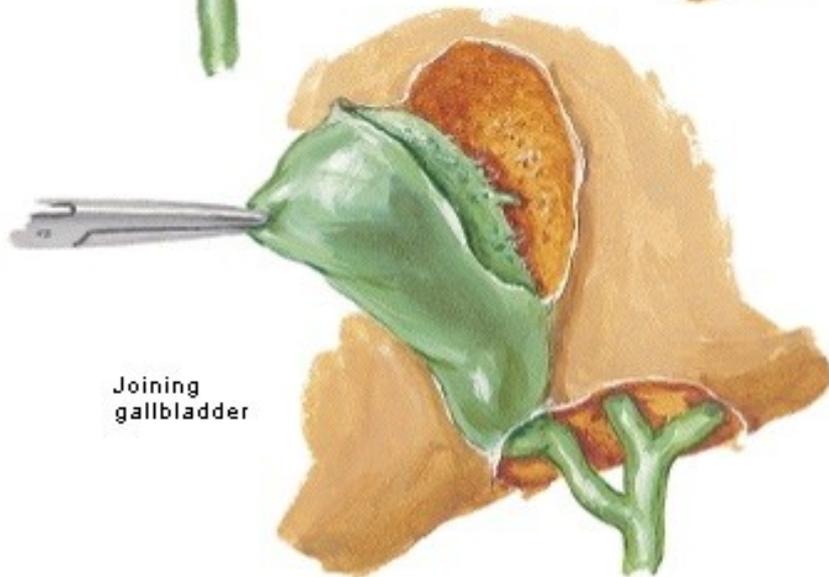
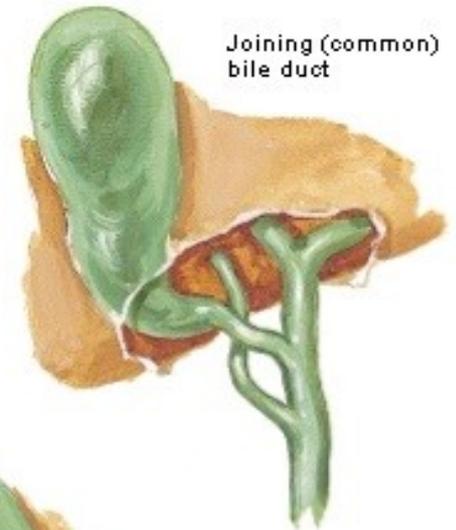
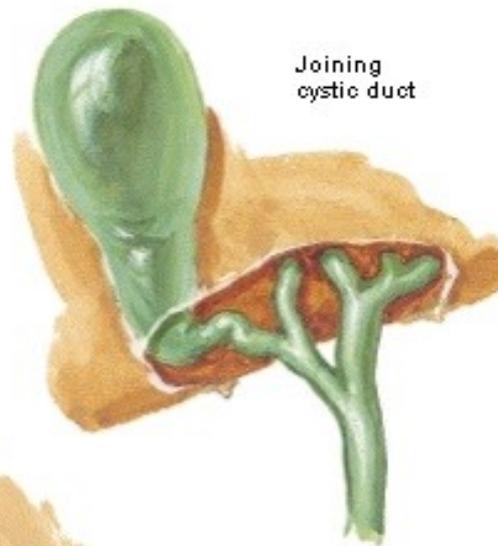
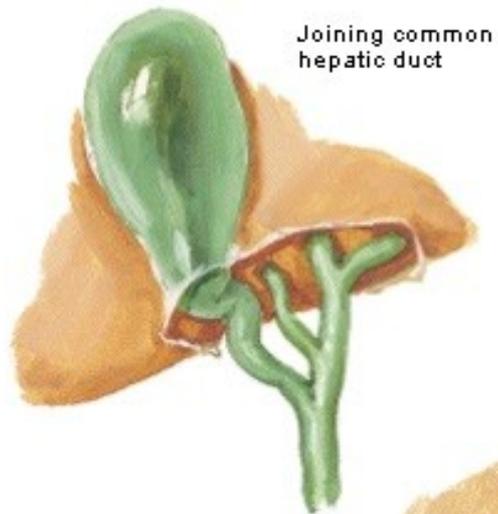


Anterior spiral
joining common
hepatic duct on
left side

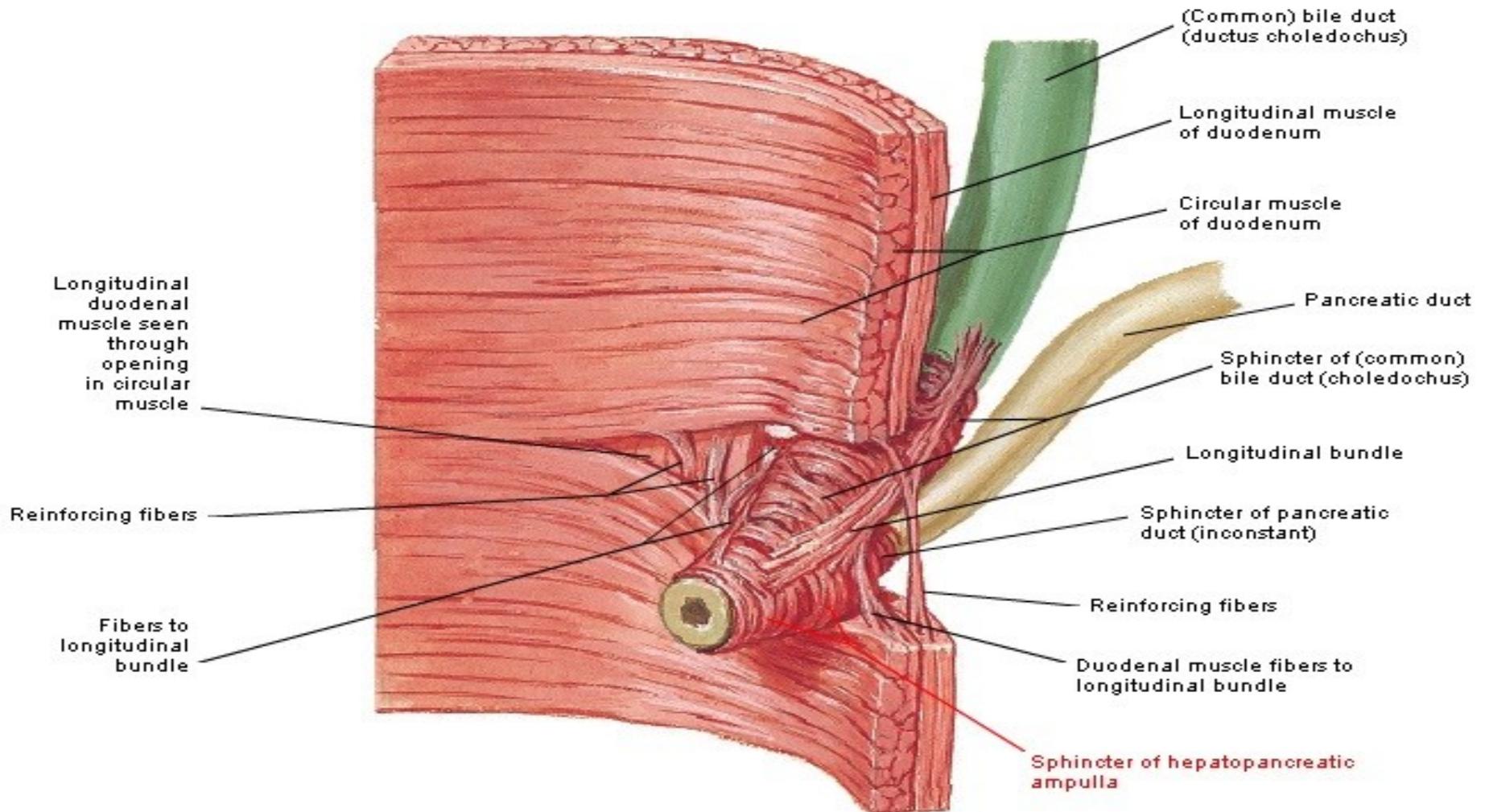


Posterior spiral
joining common
hepatic duct on
left side

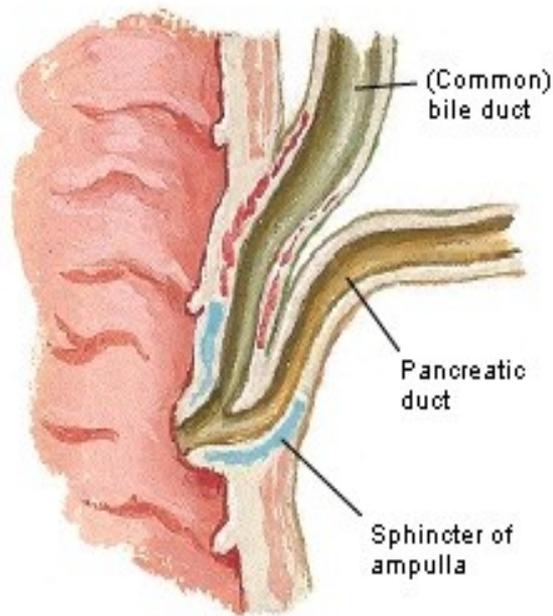
Variations in Hepatic Ducts



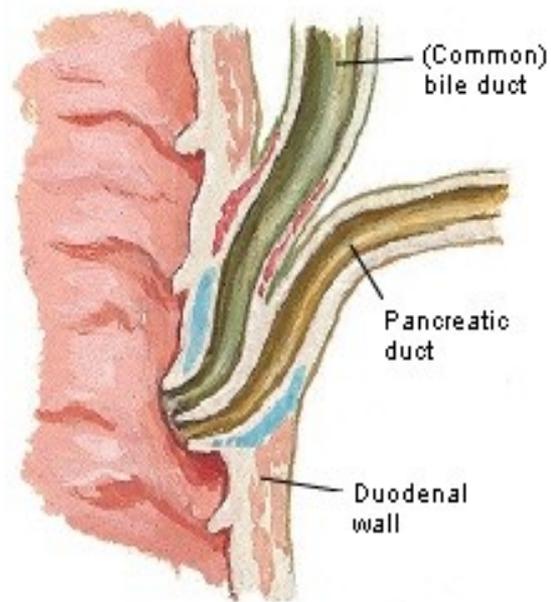
Junction of Bile Duct and Duodenum Dissection



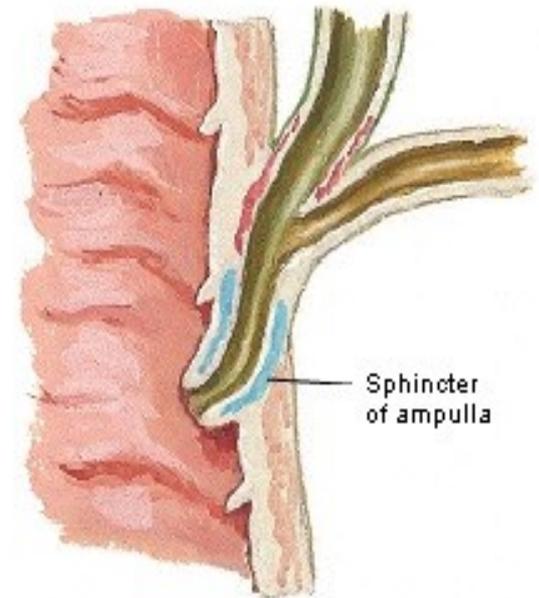
Variations in Union of Bile and Pancreatic Ducts



Short common channel

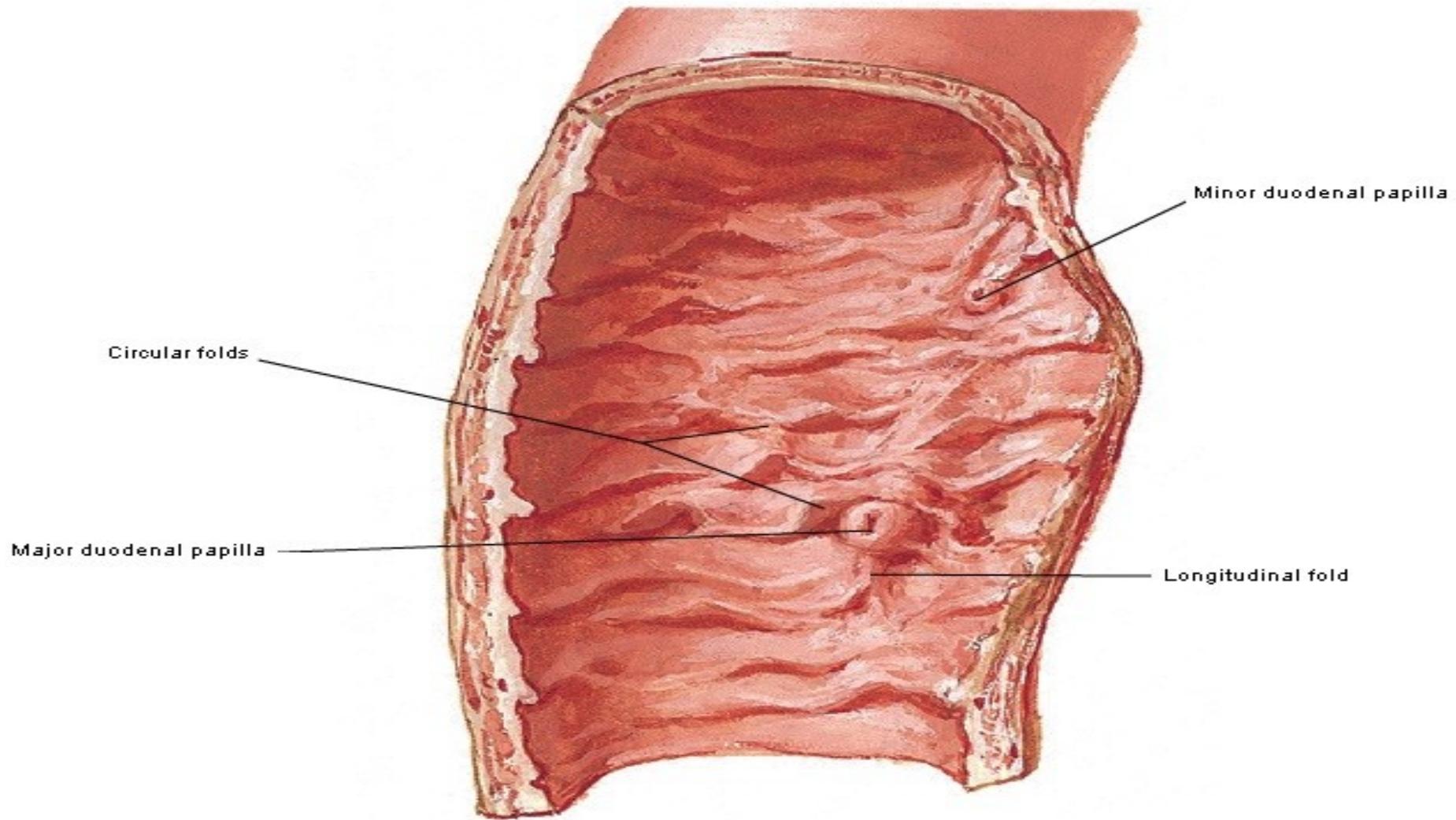


No common channel



Long common channel

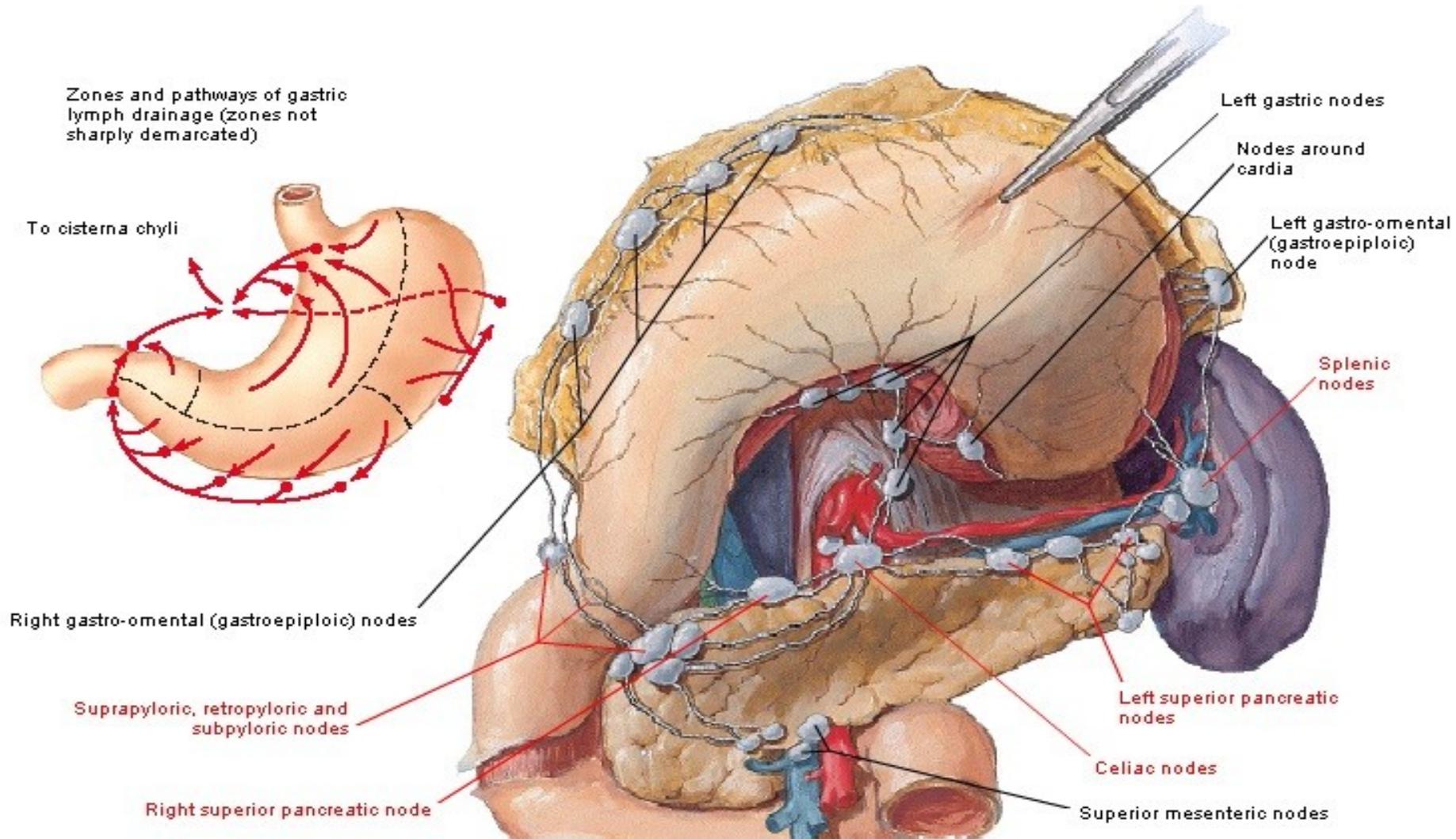
Junction of Bile Duct and Duodenum



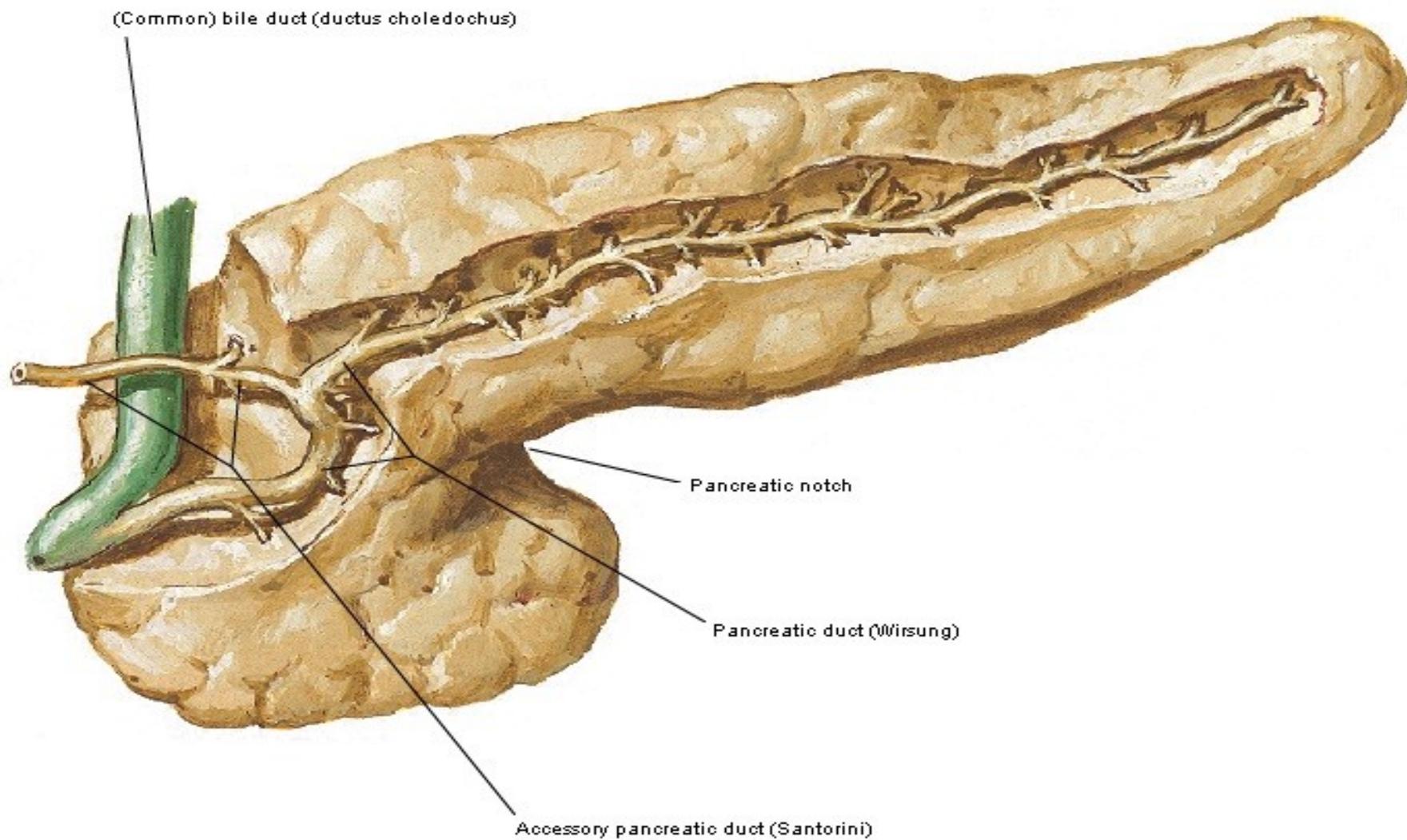
Interior of descending (2nd) part of duodenum

Lymph Vessels and Nodes of Stomach

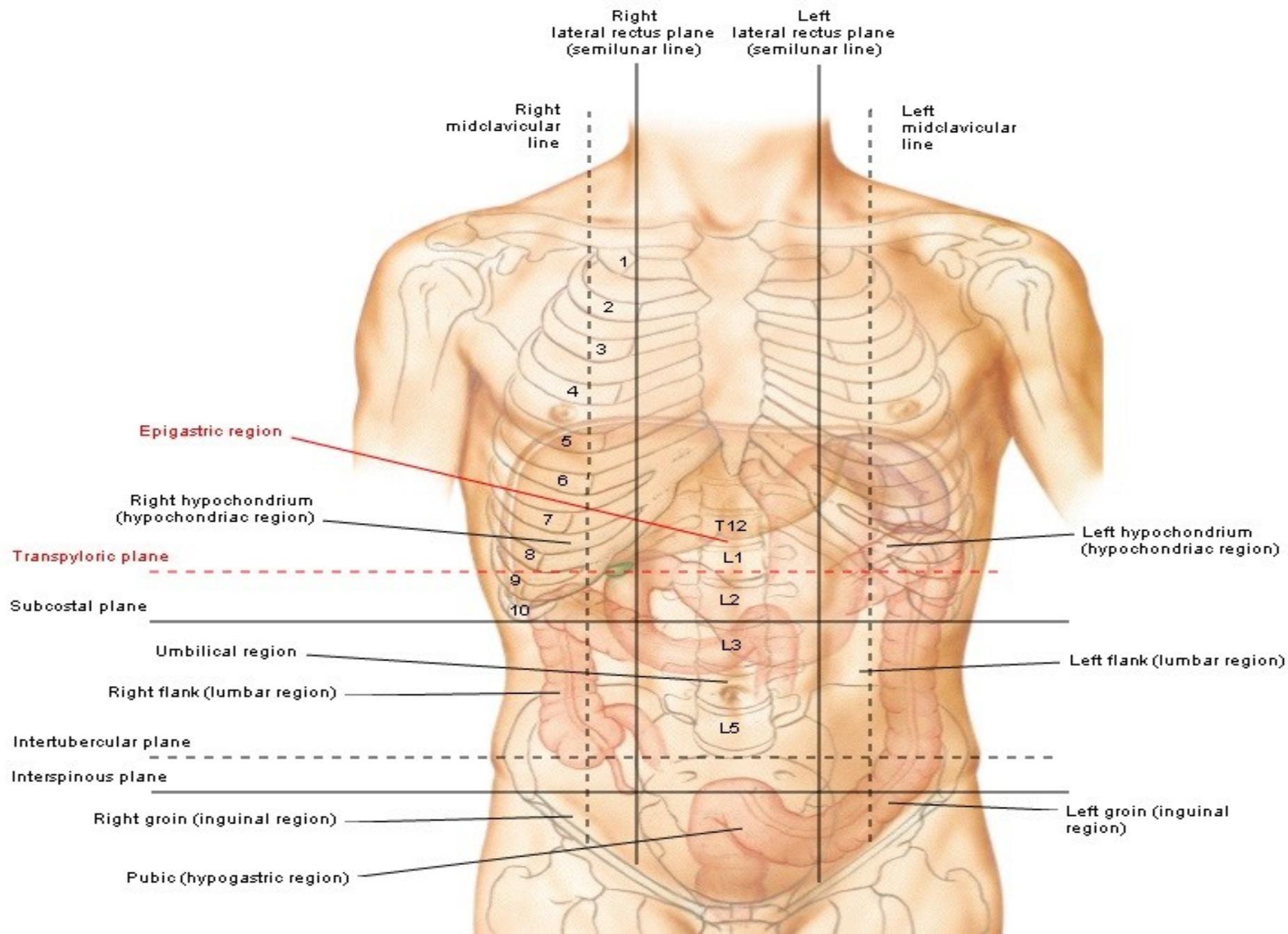
Stomach Reflected



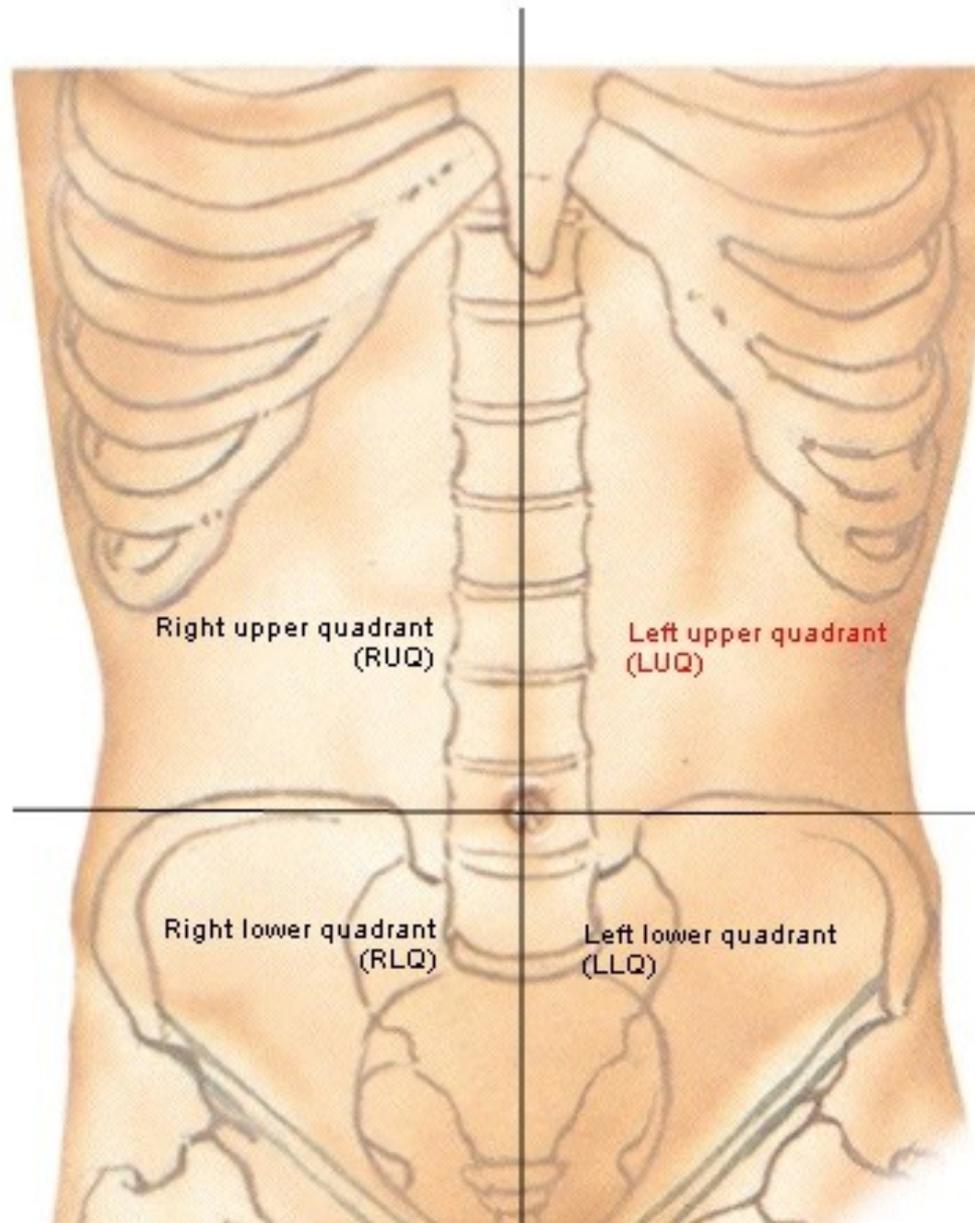
Pancreas



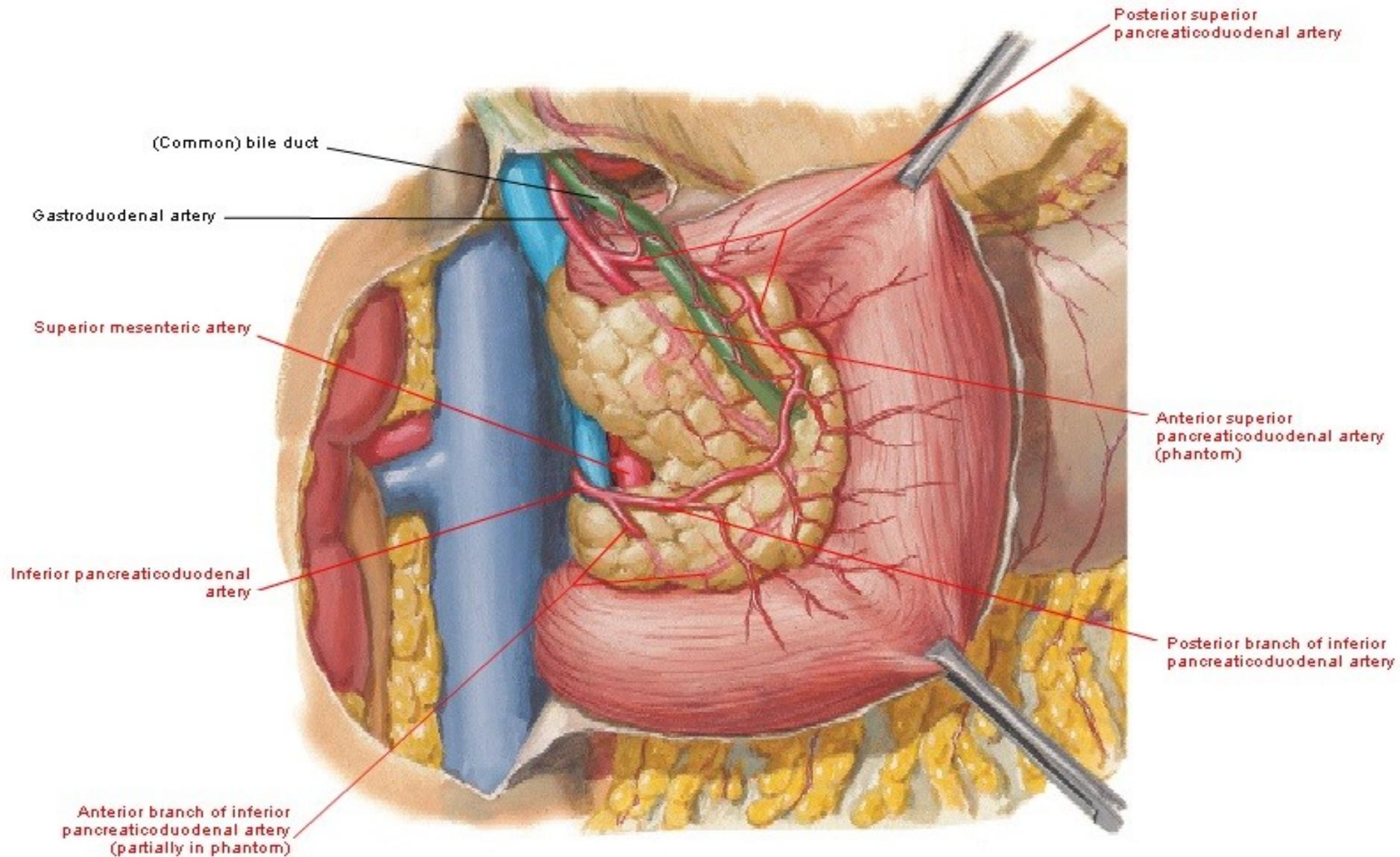
Regions and Planes of Abdomen



Quadrants of Abdomen

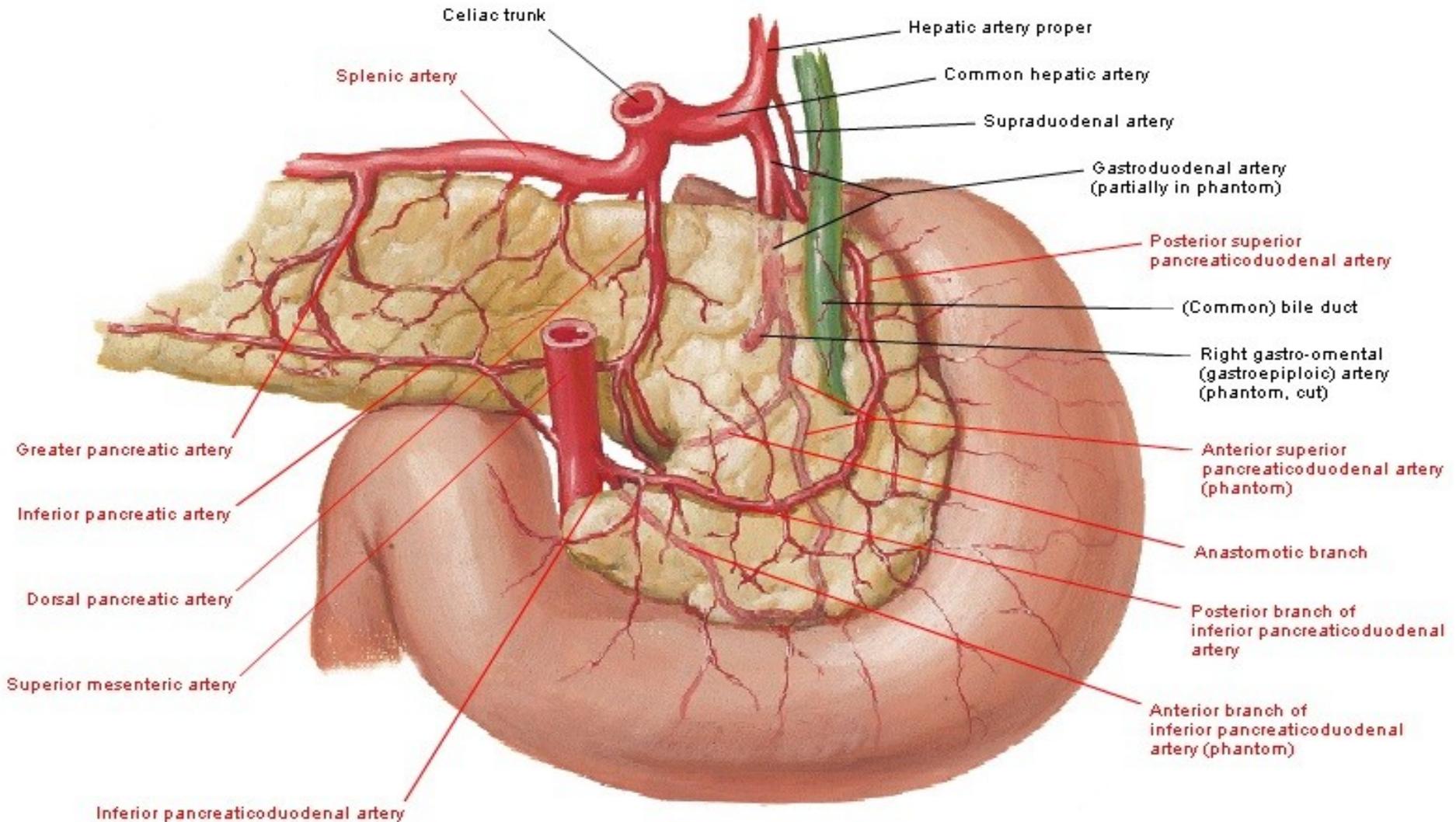


Arteries of Duodenum and Head of Pancreas Reflected to Left

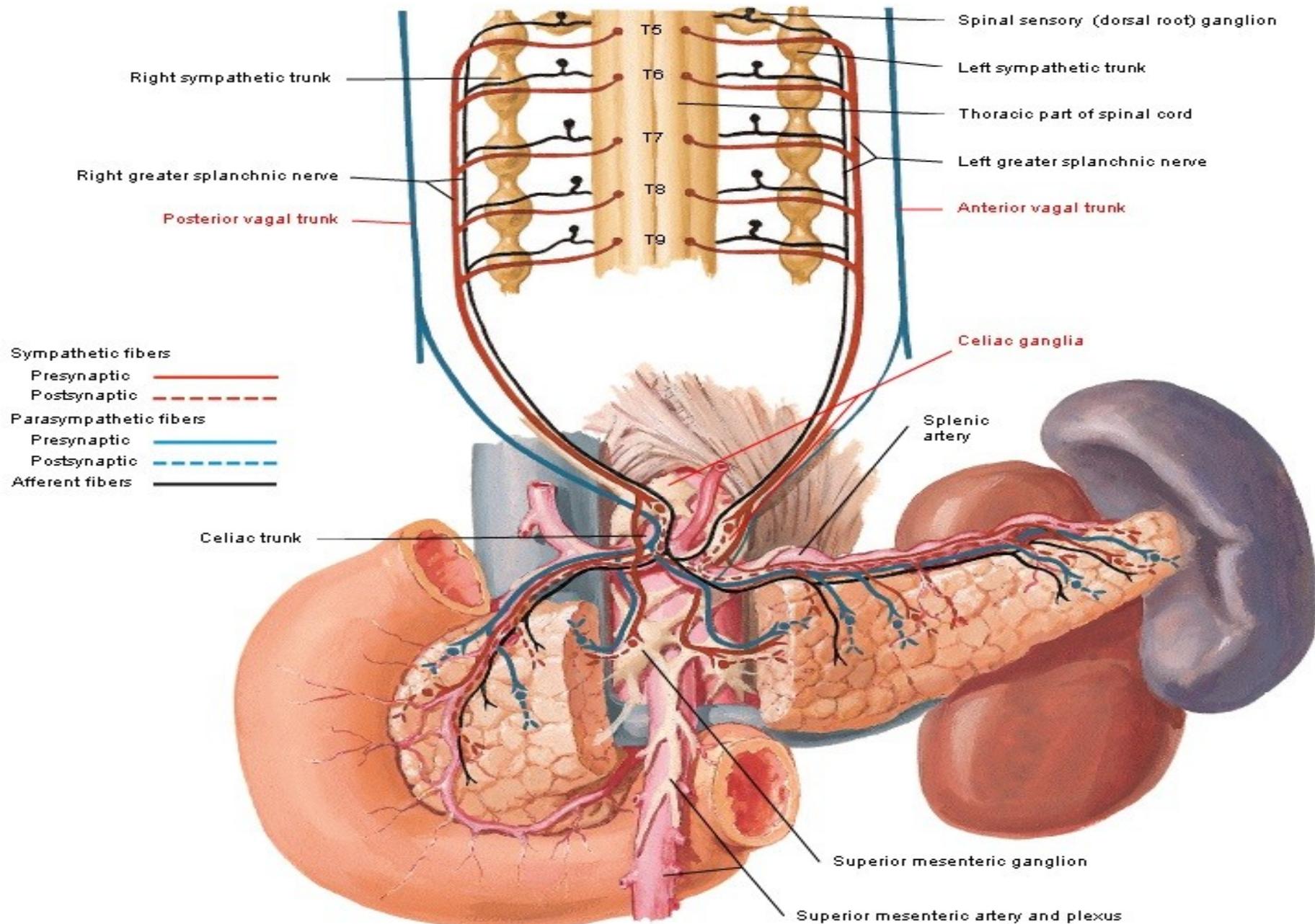


Arteries of Duodenum and Head of Pancreas

Posterior View

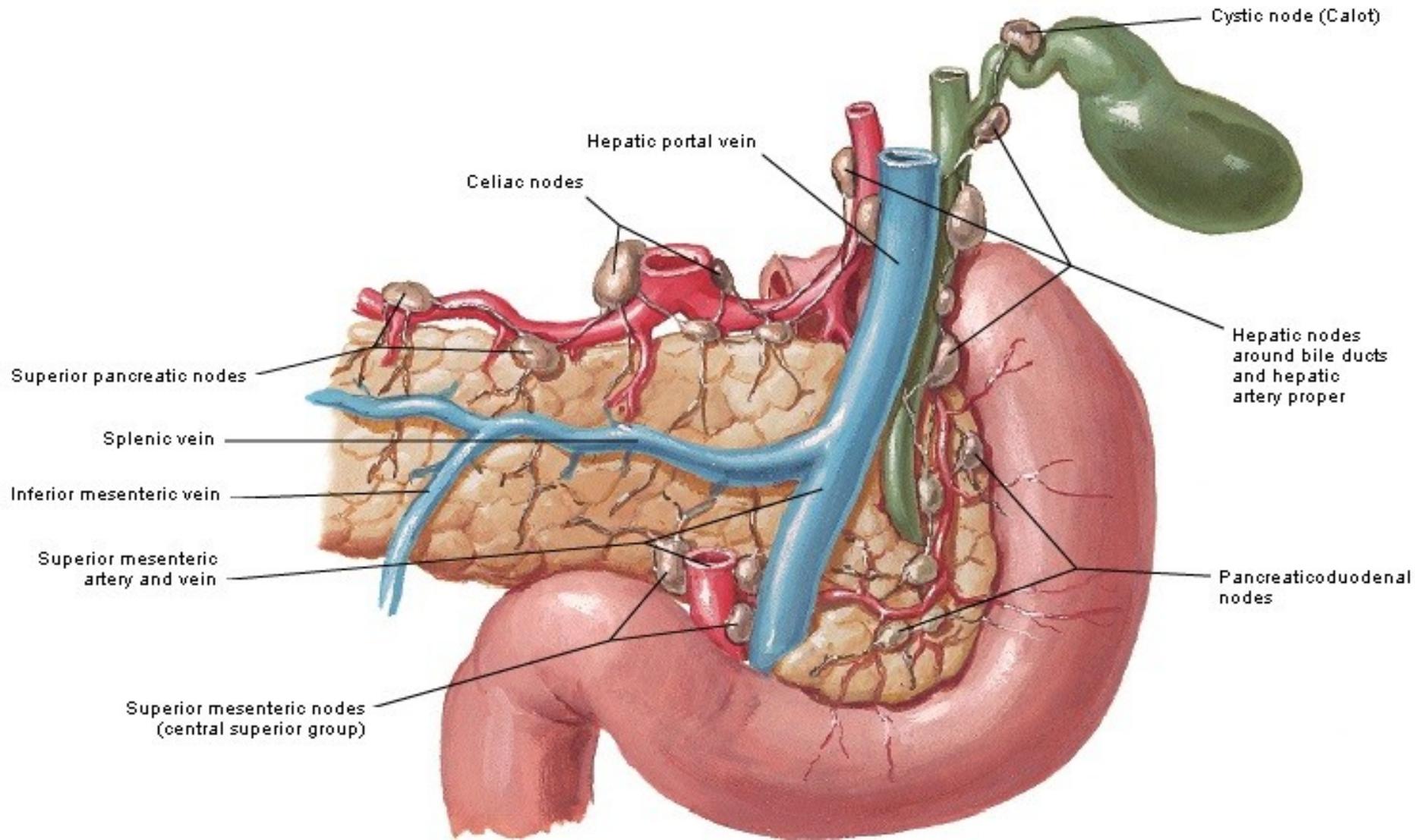


Innervation of Pancreas Schema

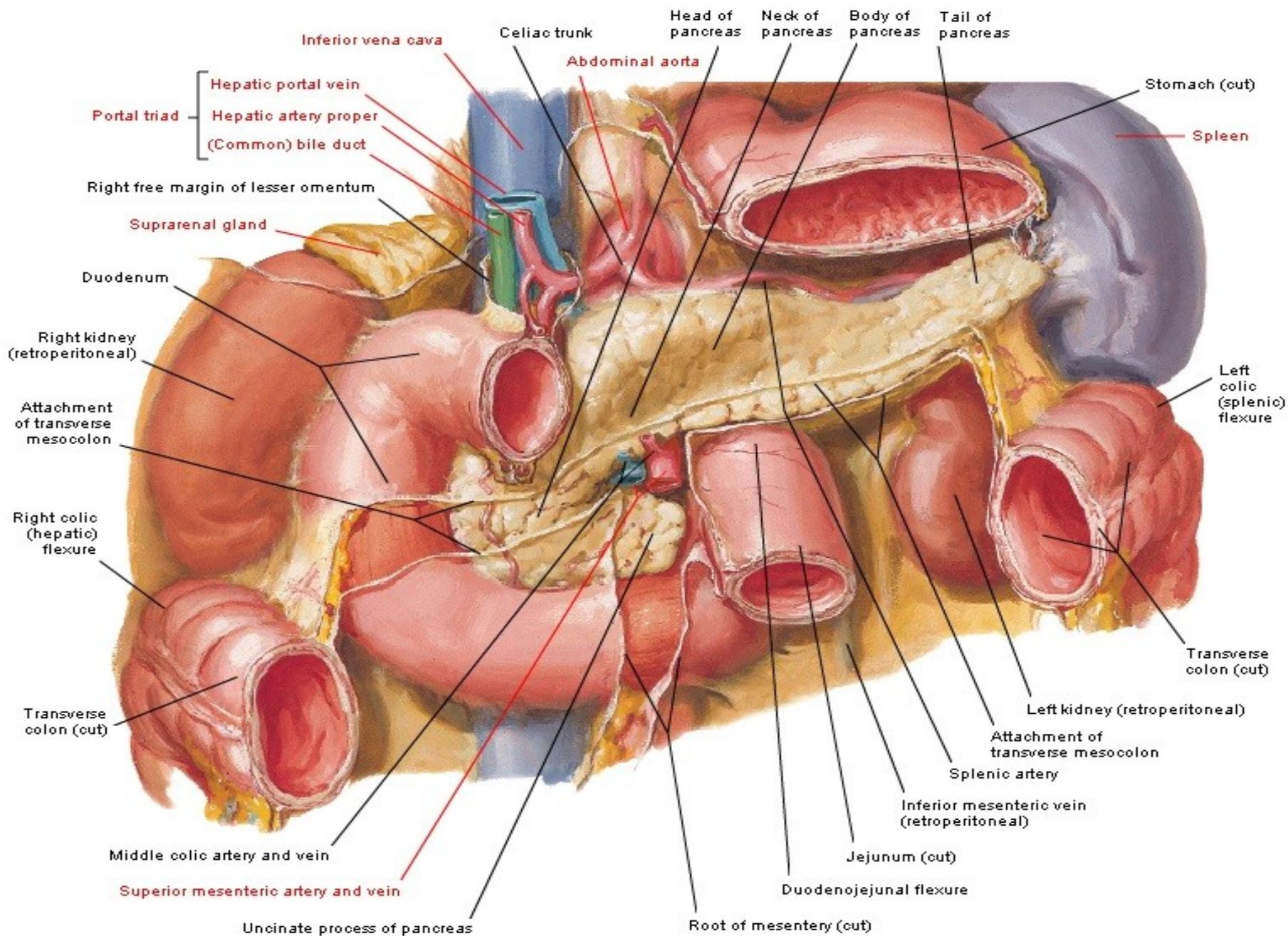


Lymph Vessels and Nodes of Pancreas

Posterior View

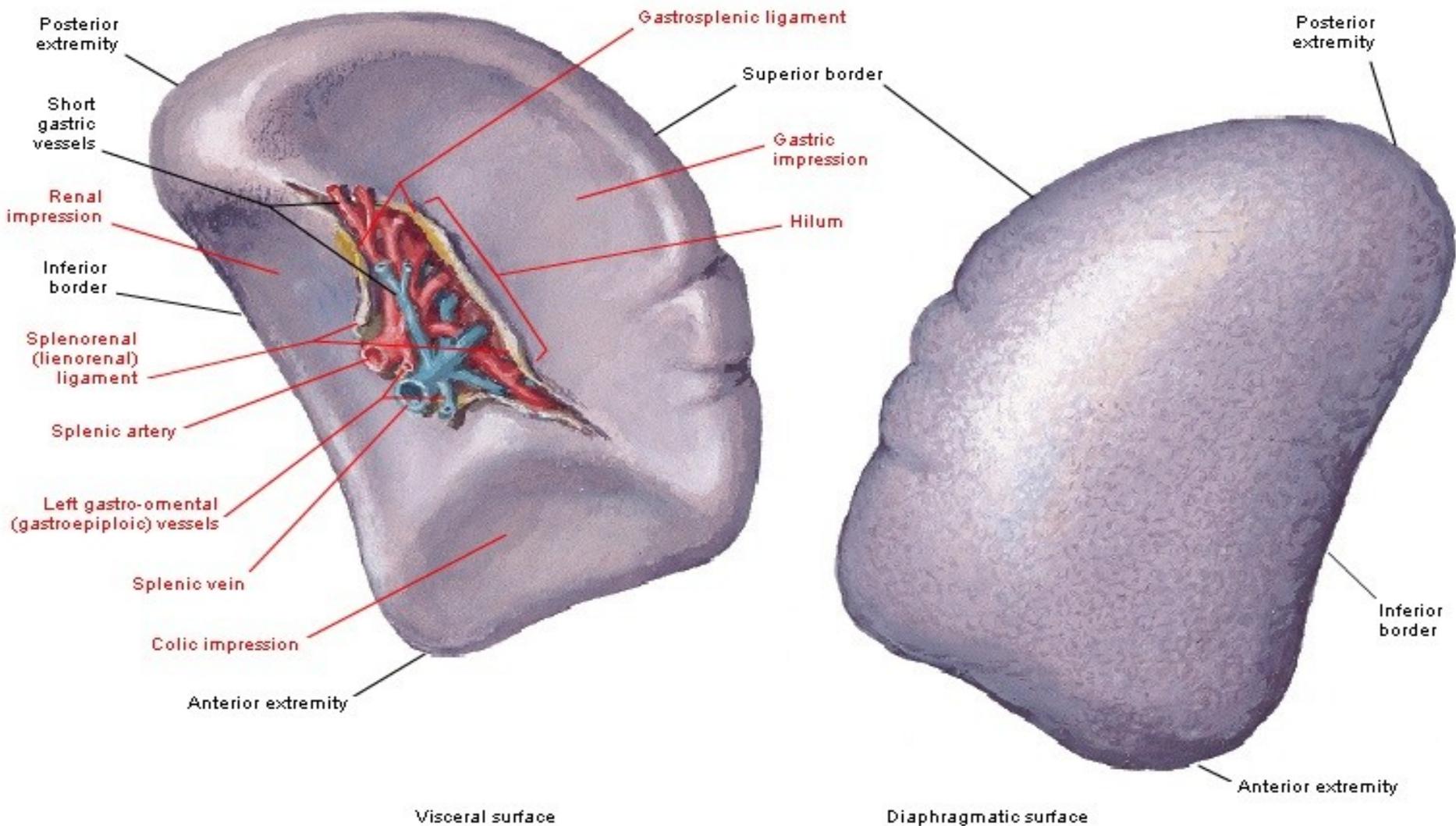


Pancreas In Situ

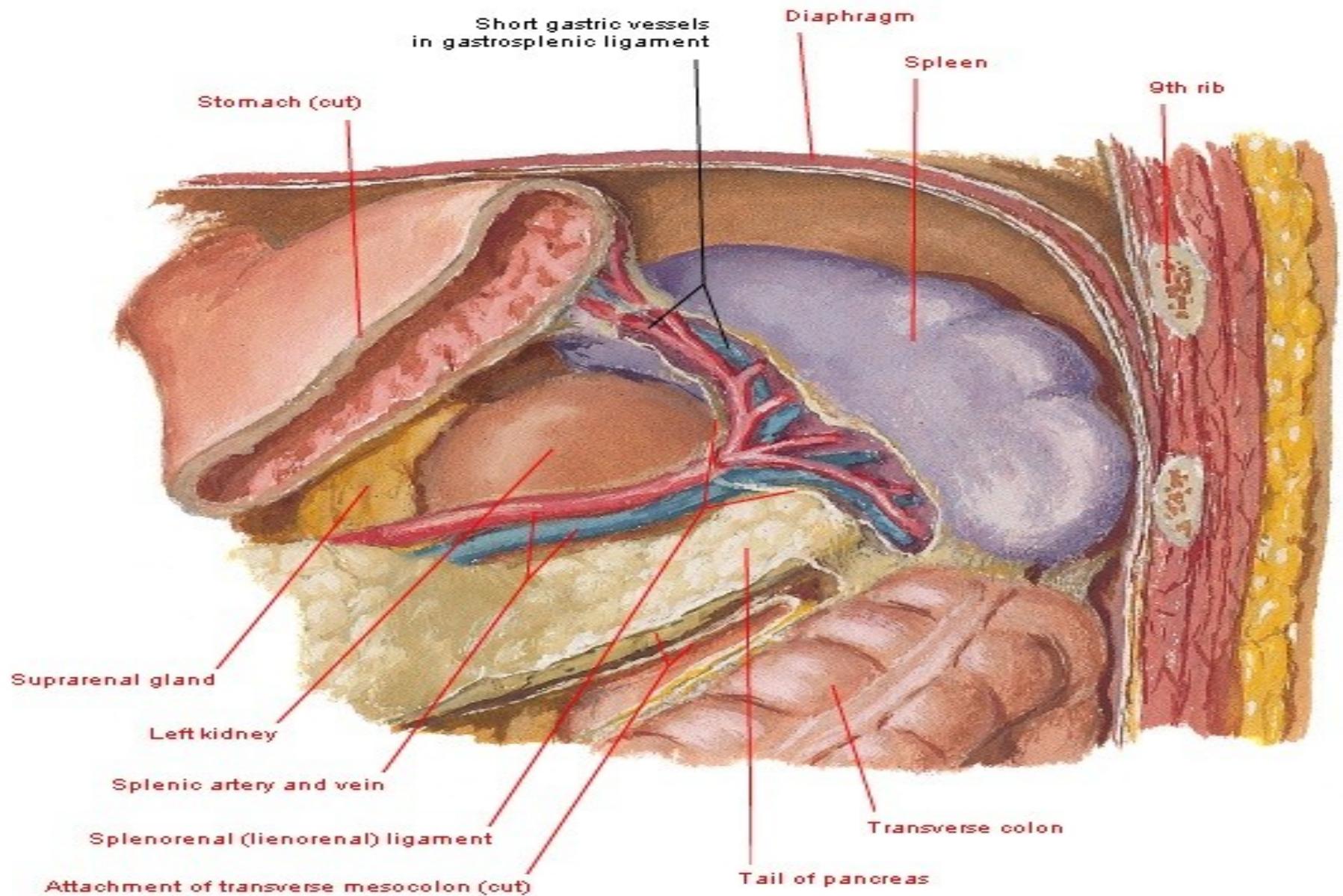


Spleen

Visceral and Diaphragmatic Surfaces



Spleen In Situ



Topography of Lungs

Anterior View

