

**Топографическая  
анатомия  
брюшной  
полости,  
операции на  
печени и  
желчных путях**



Выполнили Макашова Е.,  
Евдокимова Е.  
Руководитель Светашов В.С.,  
К.м.н., ассистент кафедры

**Всегда вперед, после каждого  
совершенного шага готовиться к  
следующему, все помыслы  
отдавать тому, что еще предстоит  
сделать.**

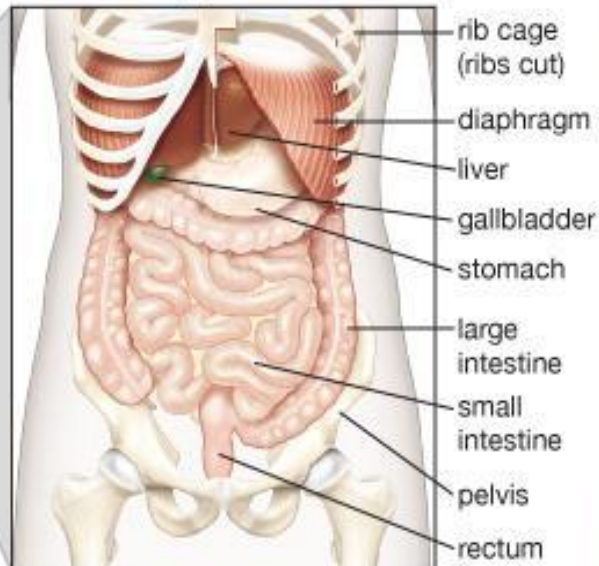
**Н. Н. Бурденко**

# **ТОПОГРАФИЧЕСКАЯ АНАТОМИЯ.**

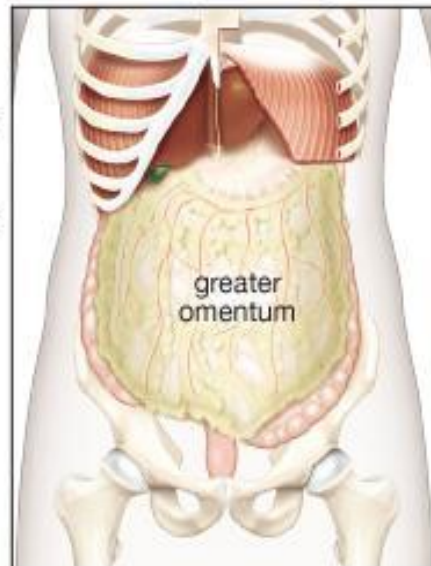
## **Верхний этаж брюшины**

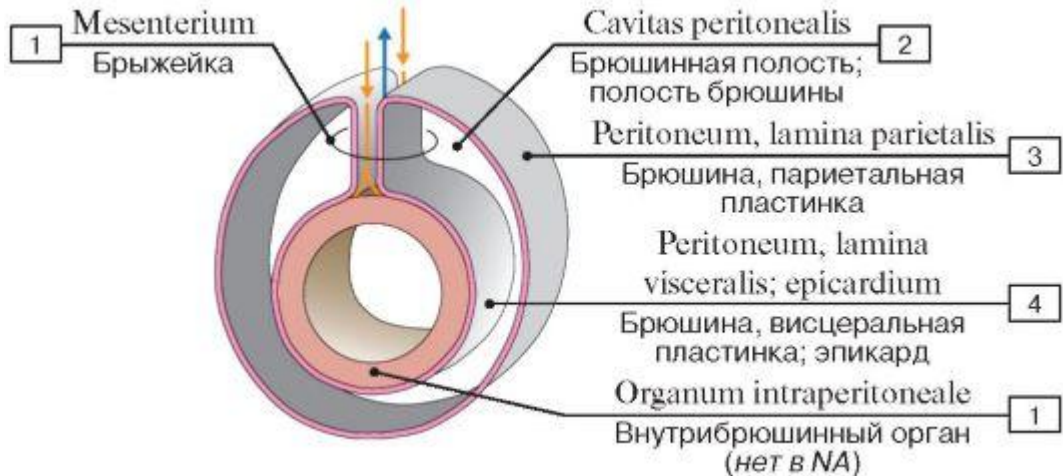
# ОБЩИЙ ОБЗОР ОРГАНОВ БРЮШНОЙ ПОЛОСТИ

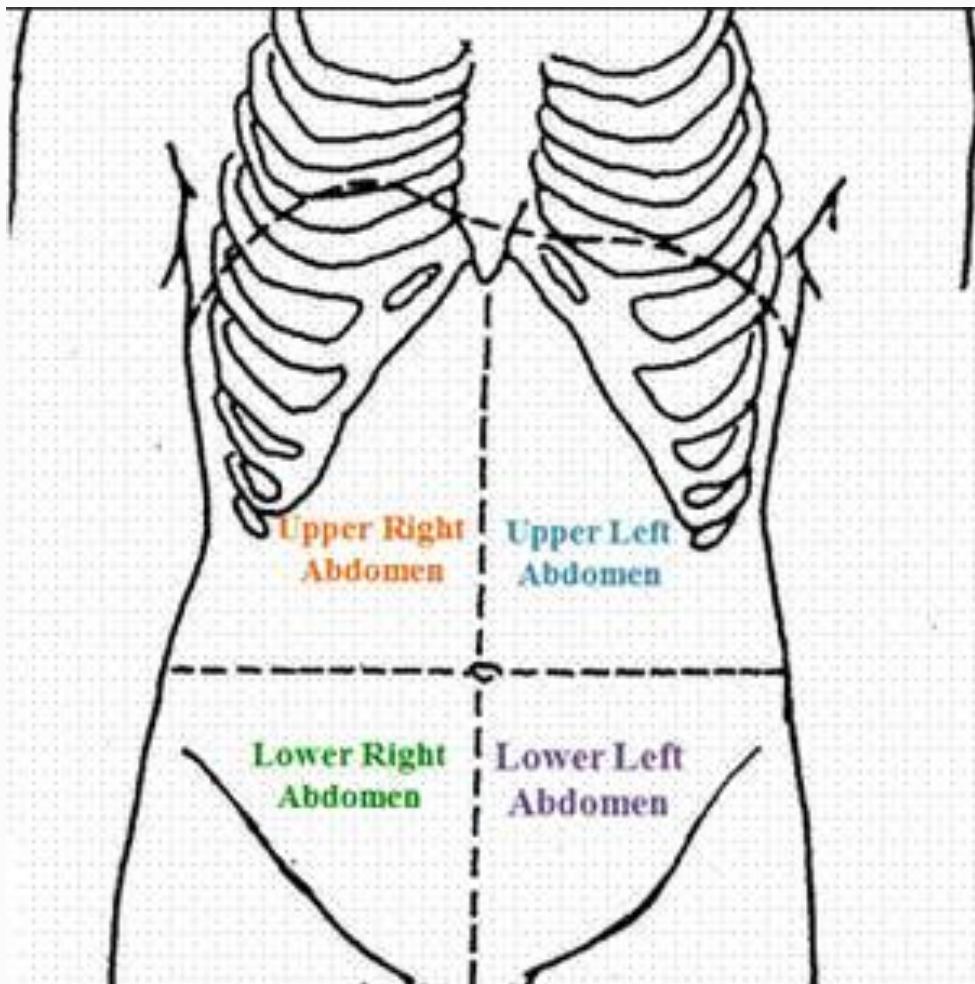
Abdominal organs in situ



Abdominal organs with greater omentum





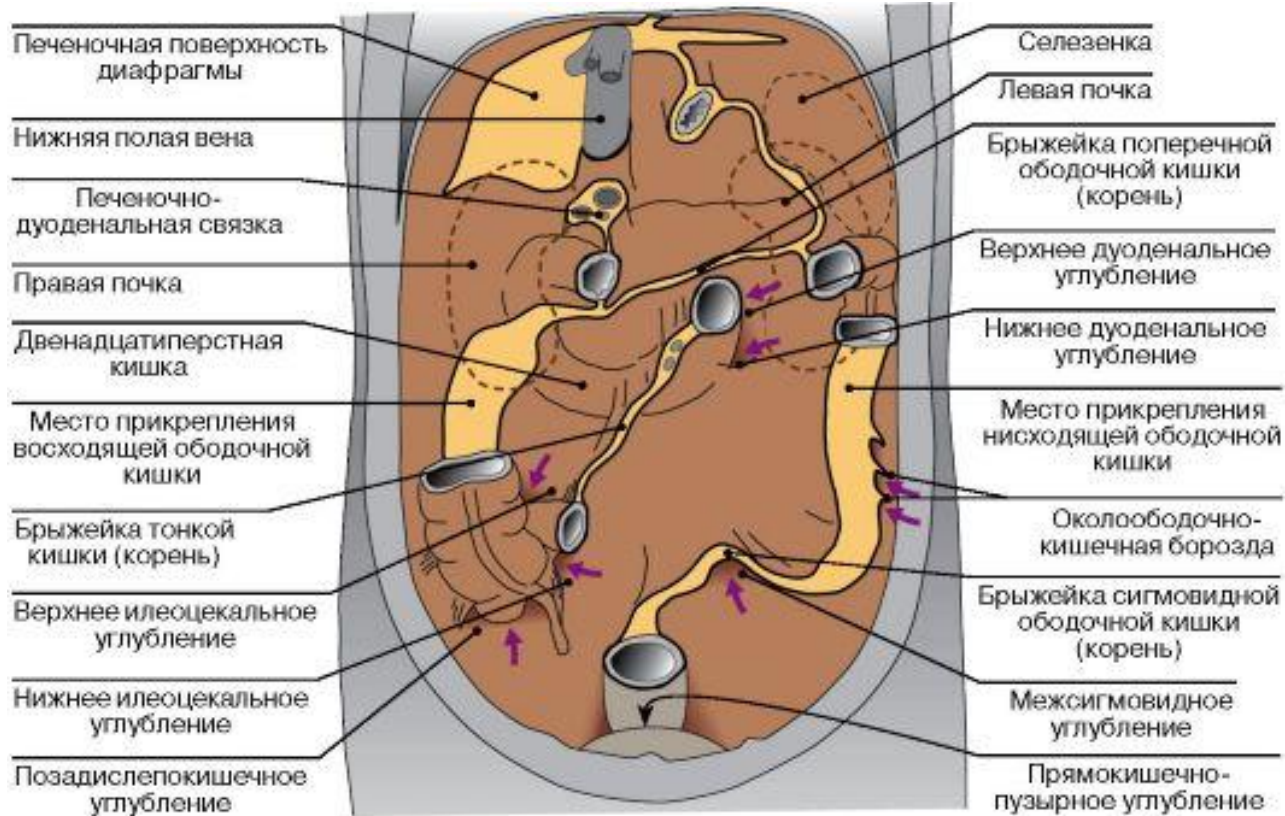


Upper Right  
Abdomen

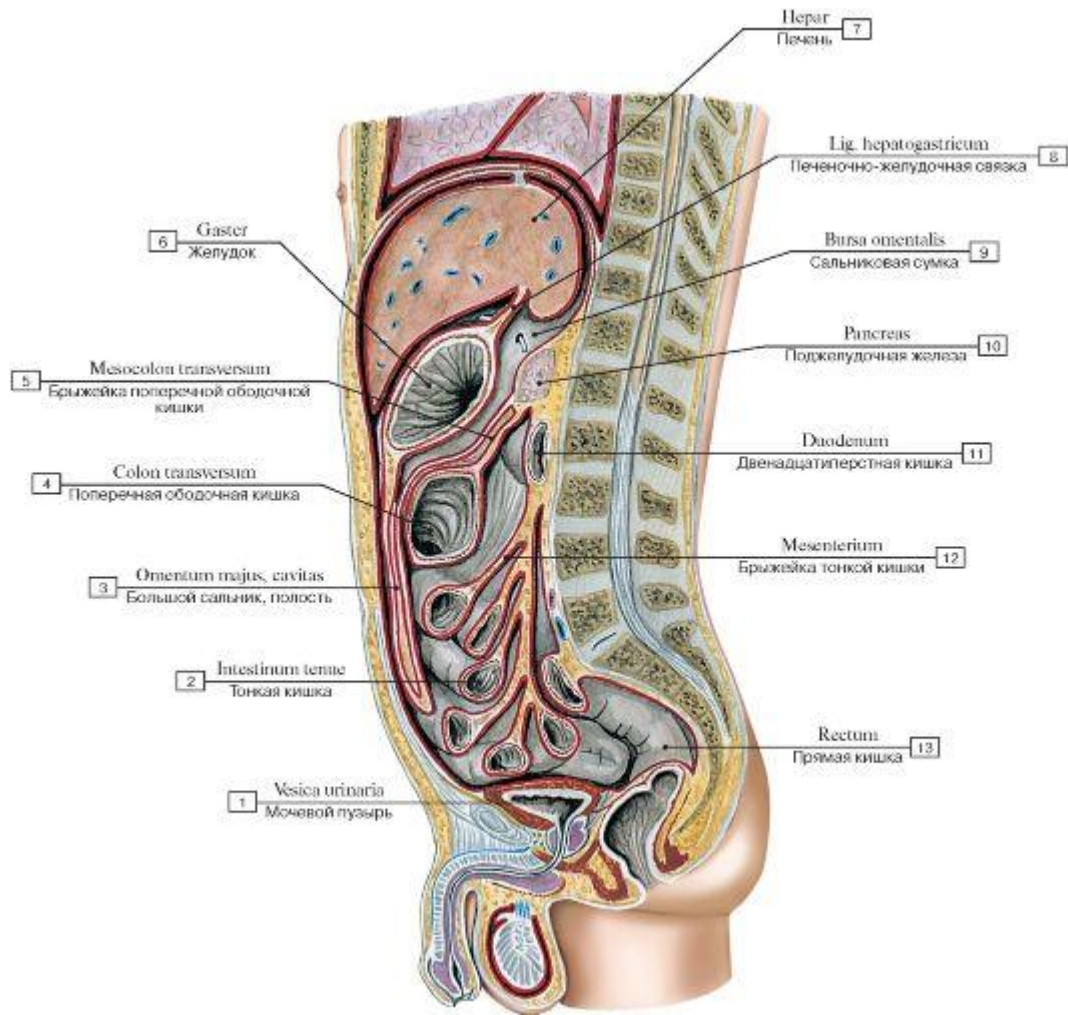
Upper Left  
Abdomen

Lower Right  
Abdomen

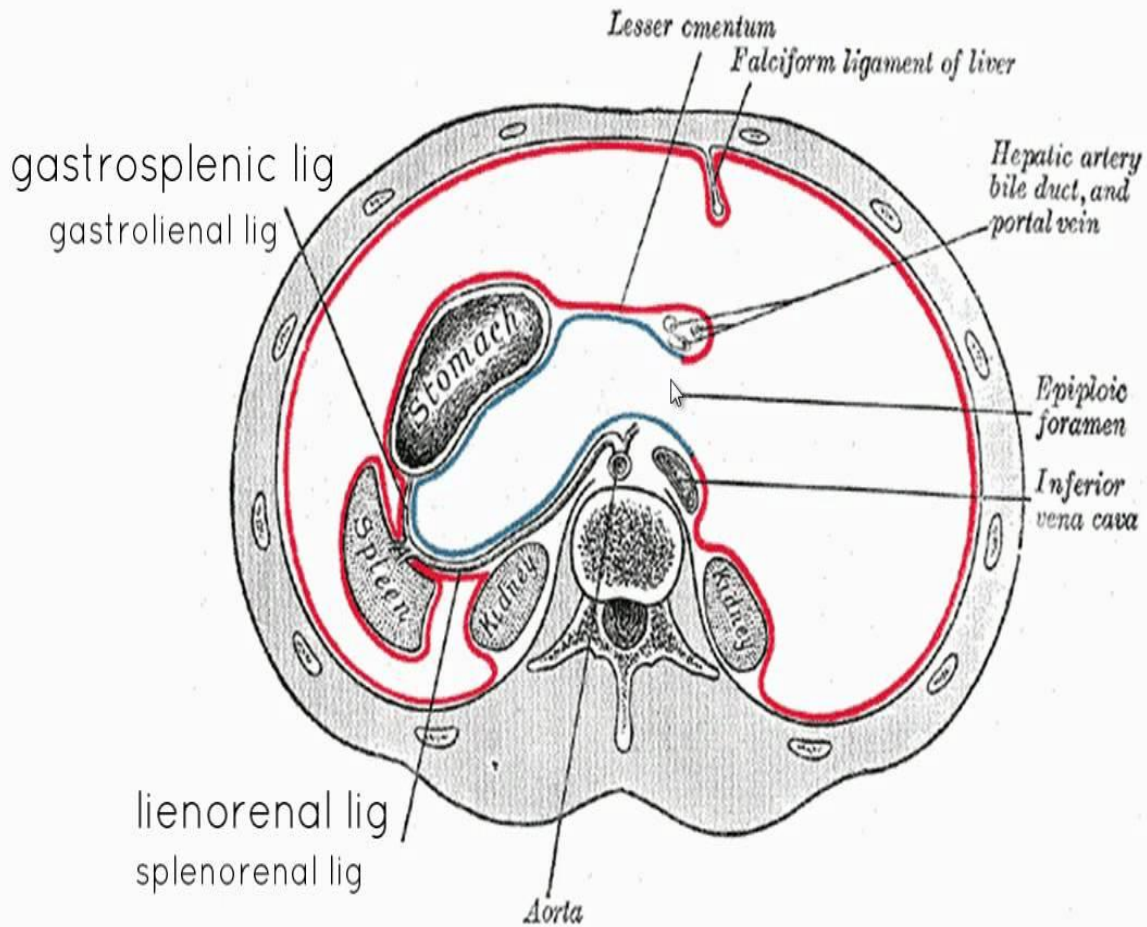
Lower Left  
Abdomen

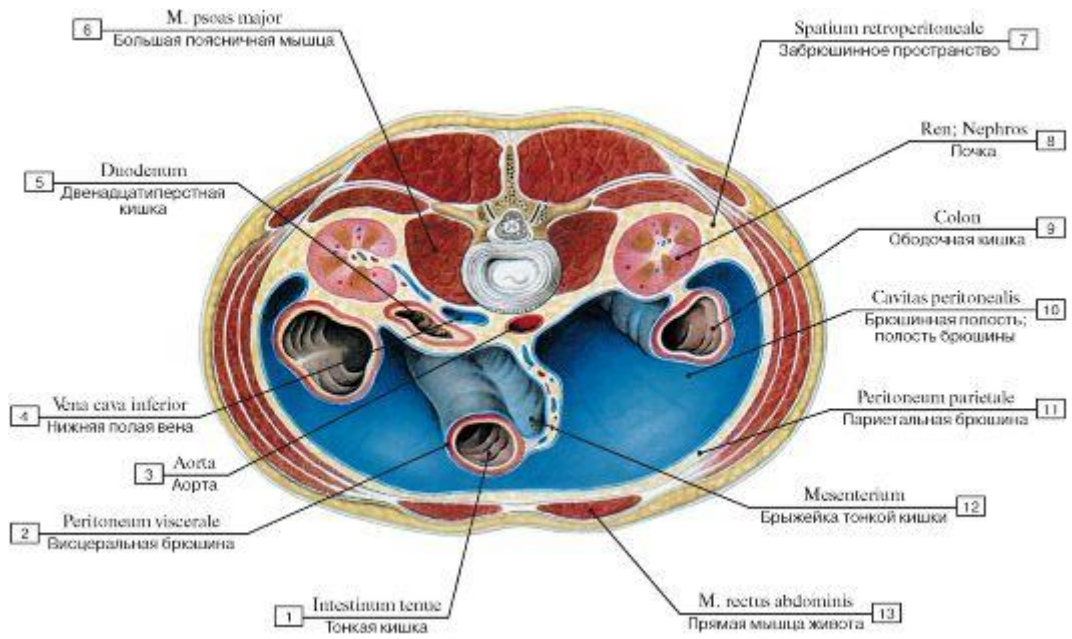


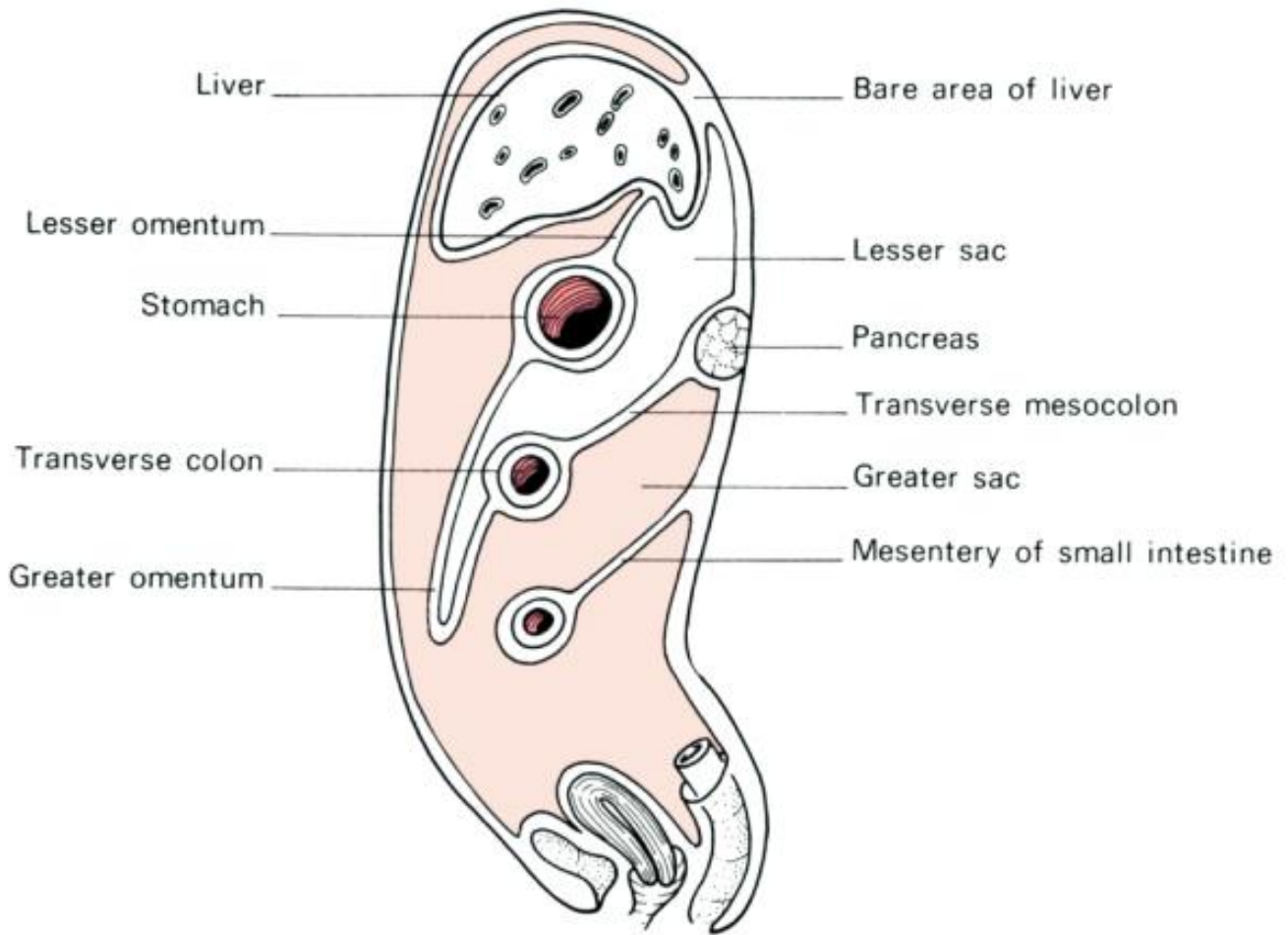






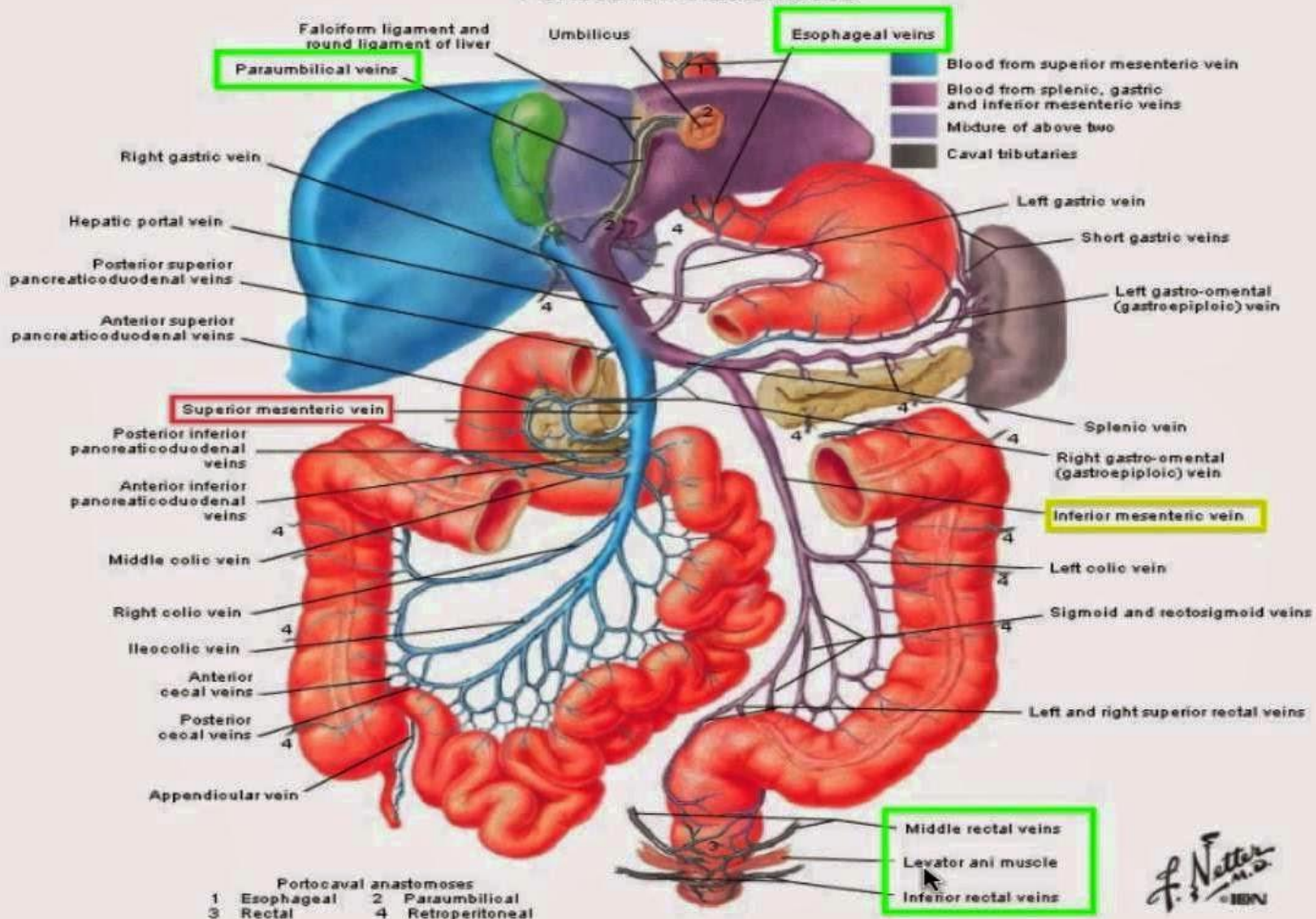




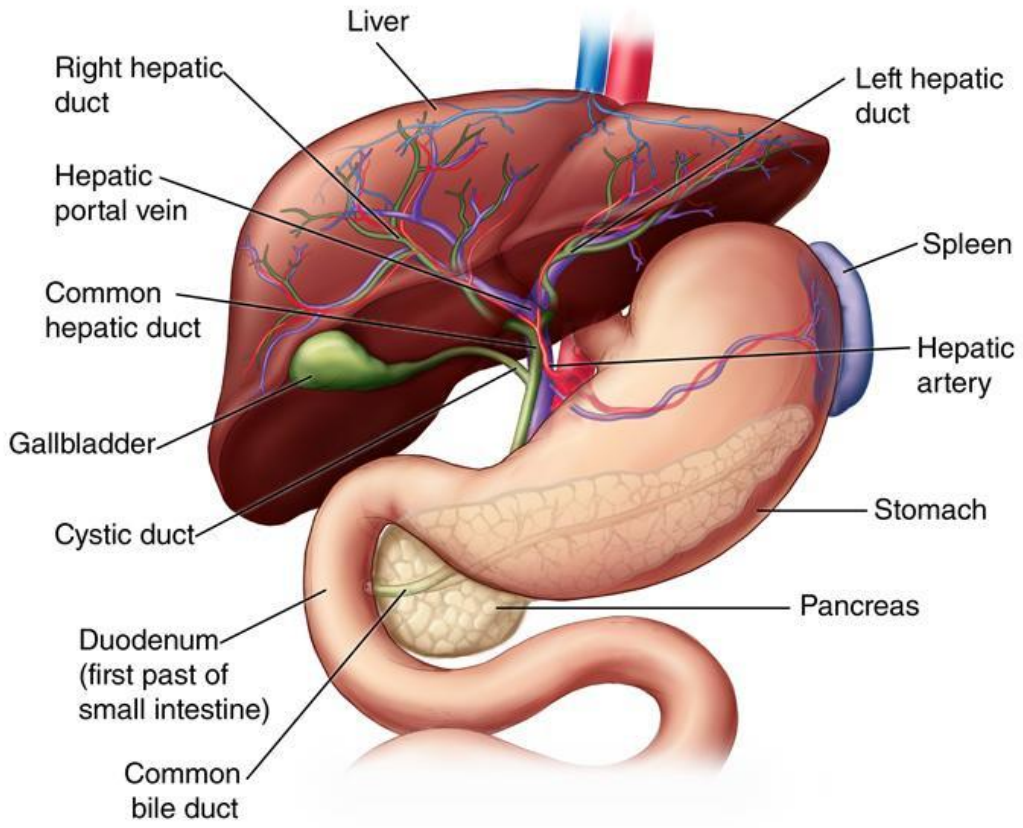


# Hepatic Vein Tributaries

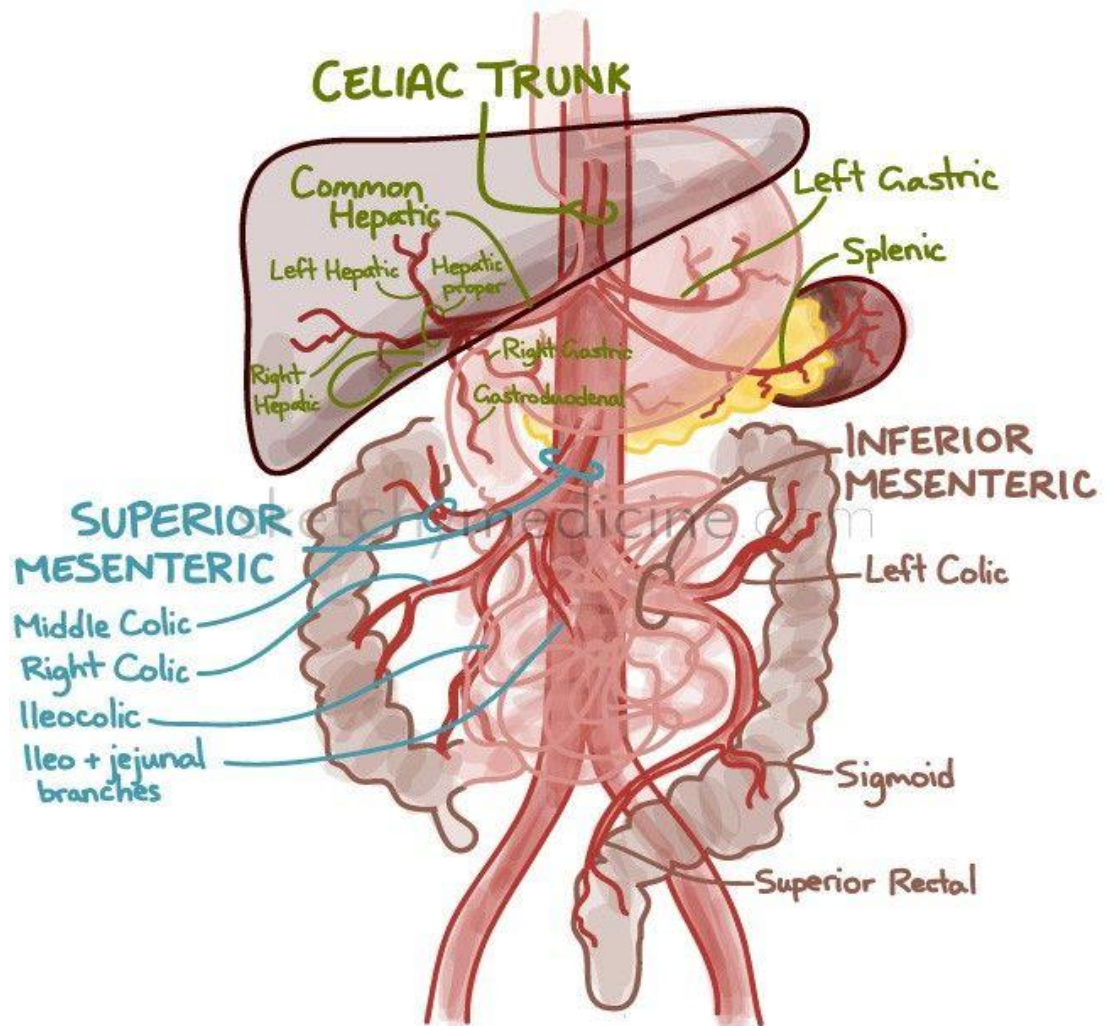
## Portocaval Anastomoses

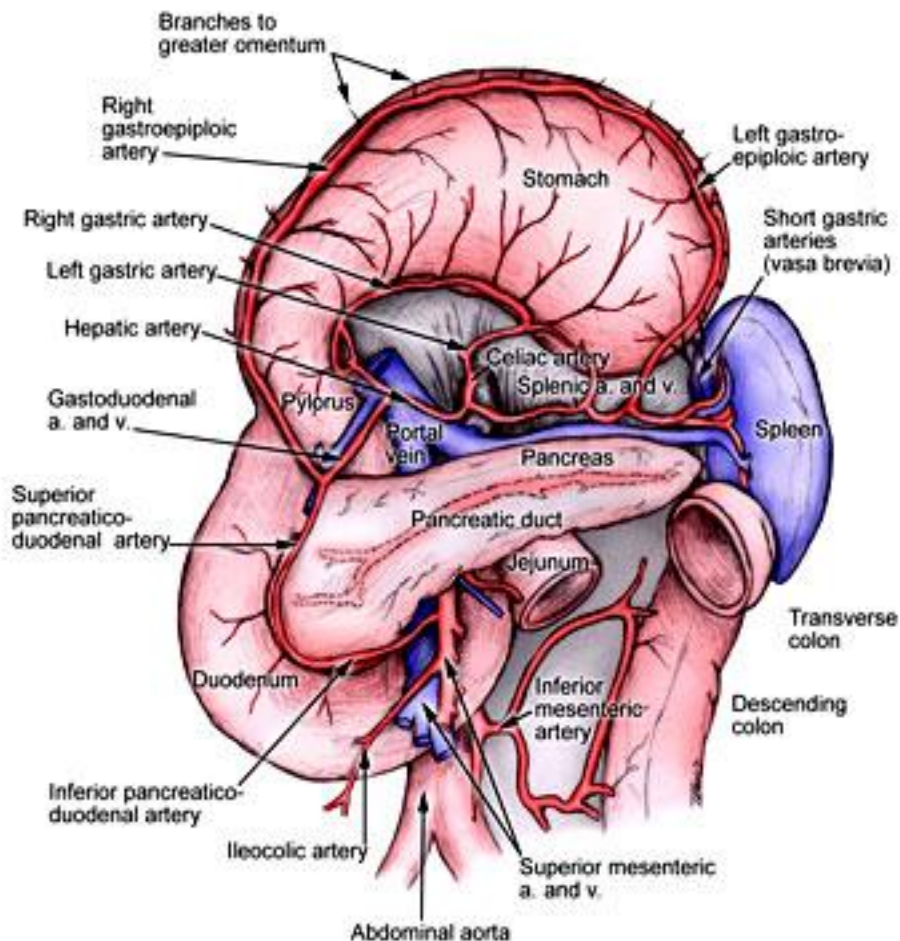


*F. Netter M.D.*  
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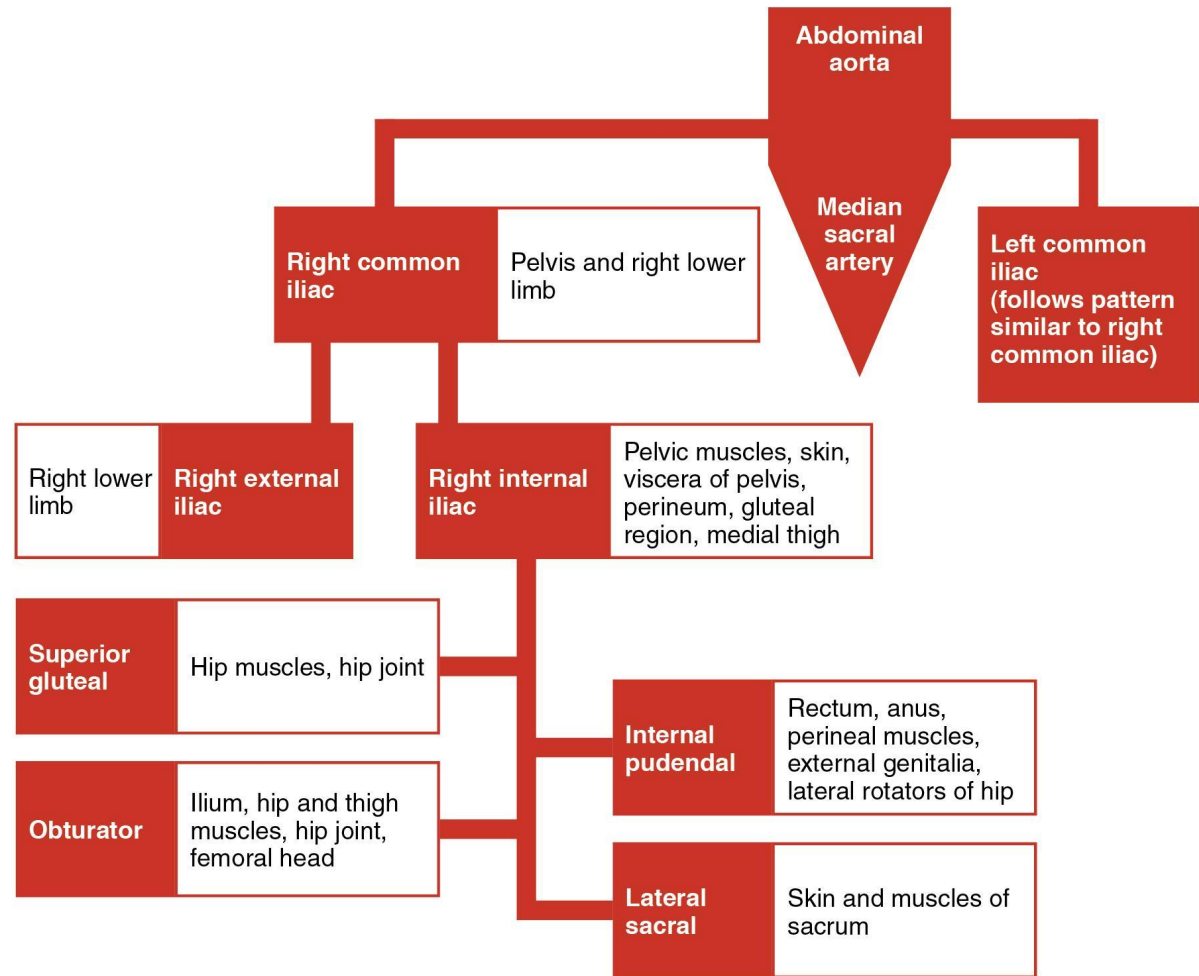


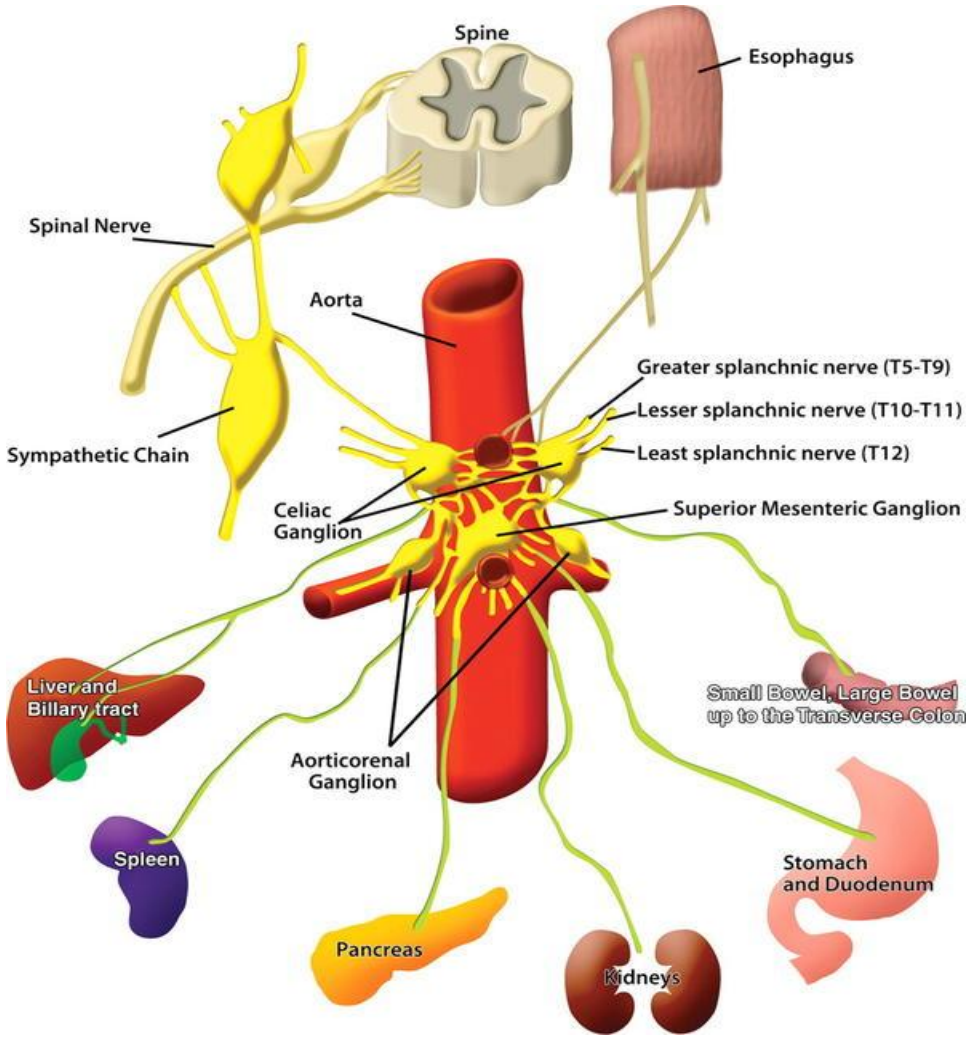


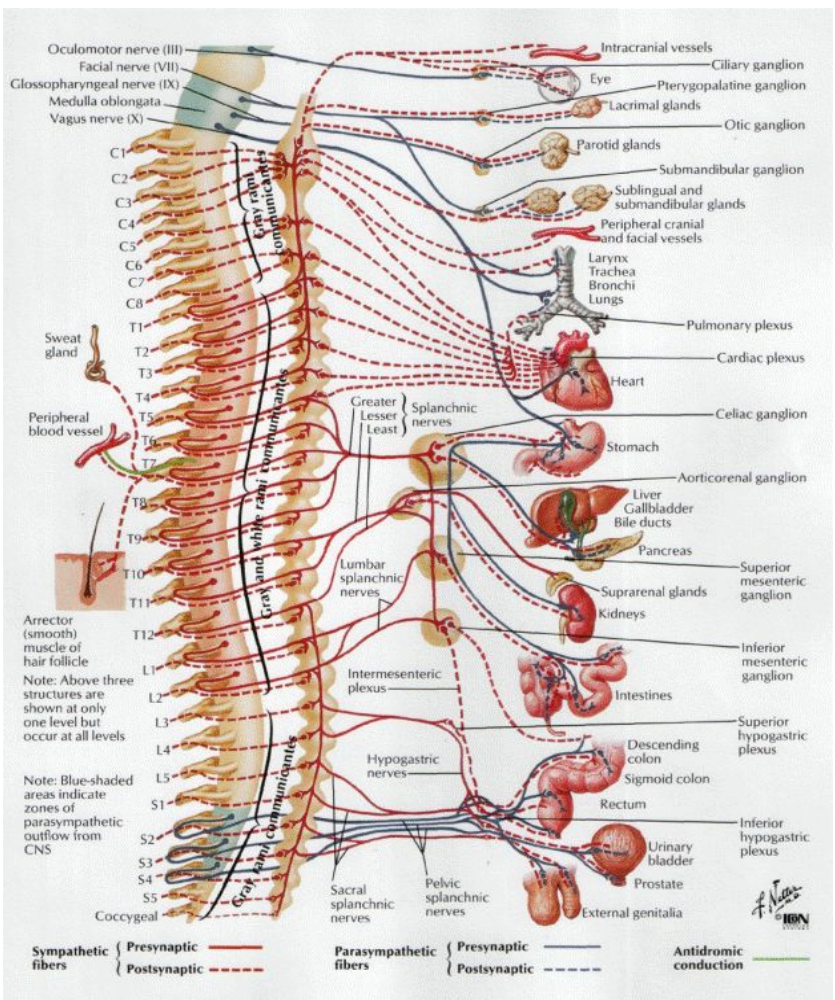












Oculomotor nerve (III)  
 Facial nerve (VII)  
 Glossopharyngeal nerve (IX)  
 Medulla oblongata  
 Vagus nerve (X)

C1  
 C2  
 C3  
 C4  
 C5  
 C6  
 C7  
 C8  
 T1  
 T2  
 T3  
 T4  
 T5  
 T6  
 T7  
 T8  
 T9  
 T10  
 T11  
 T12  
 L1  
 L2  
 L3  
 L4  
 L5  
 S1  
 S2  
 S3  
 S4  
 S5  
 Coccygeal

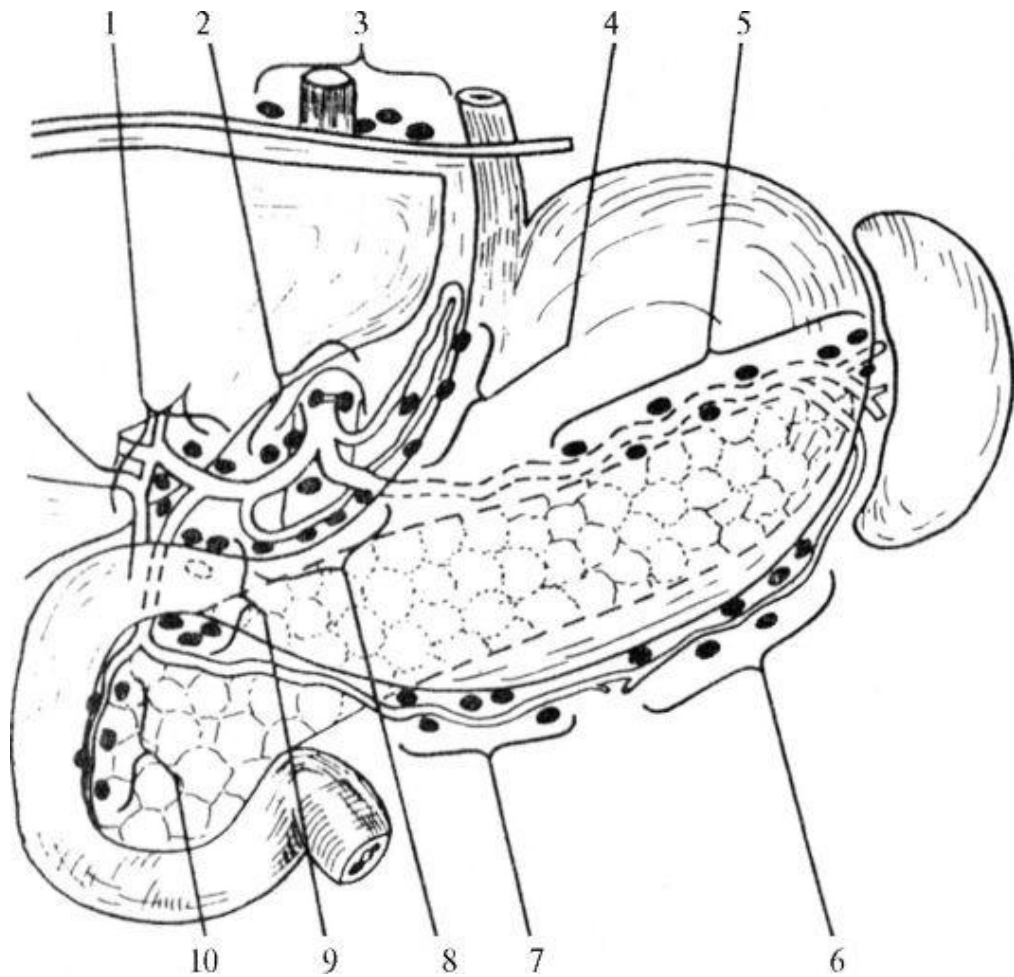
Sweat gland  
 Peripheral blood vessel  
 Arrector (smooth) muscle of hair follicle  
 Note: Above three structures are shown at only one level but occur at all levels  
 Note: Blue-shaded areas indicate zones of parasympathetic outflow from CNS

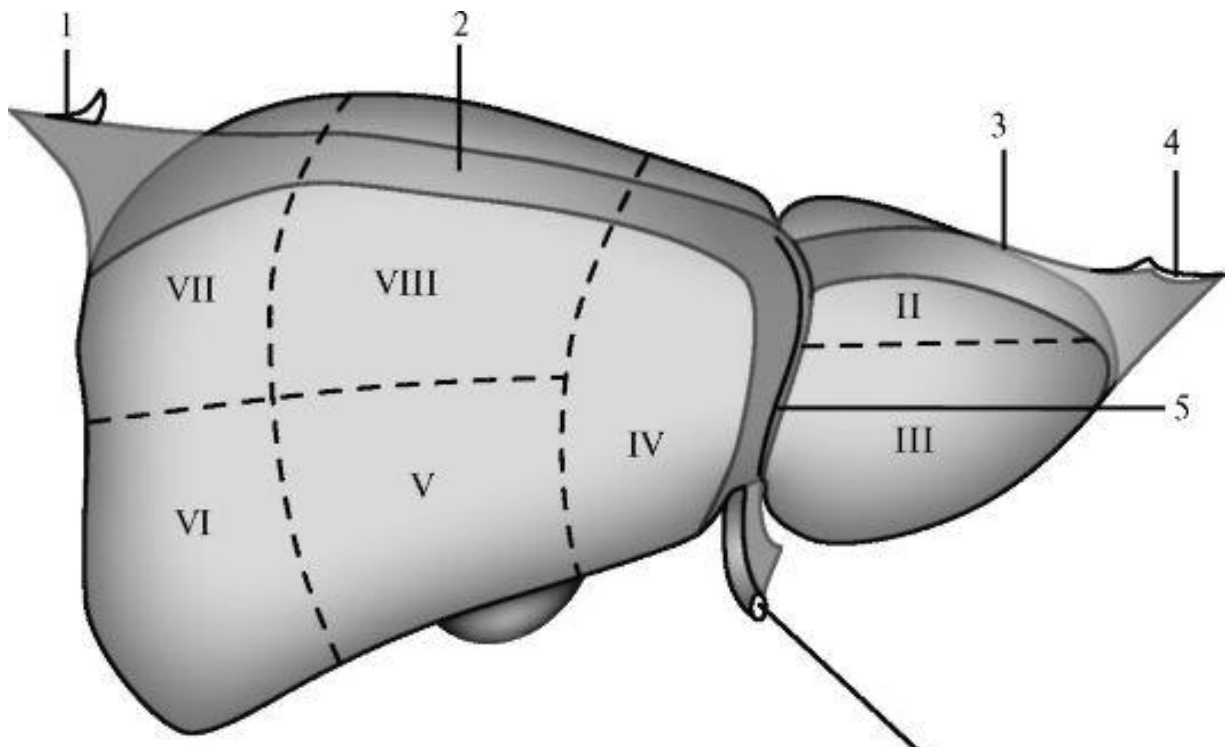
Gray rami communicantes  
 Gray and white rami communicantes  
 Gray rami communicantes

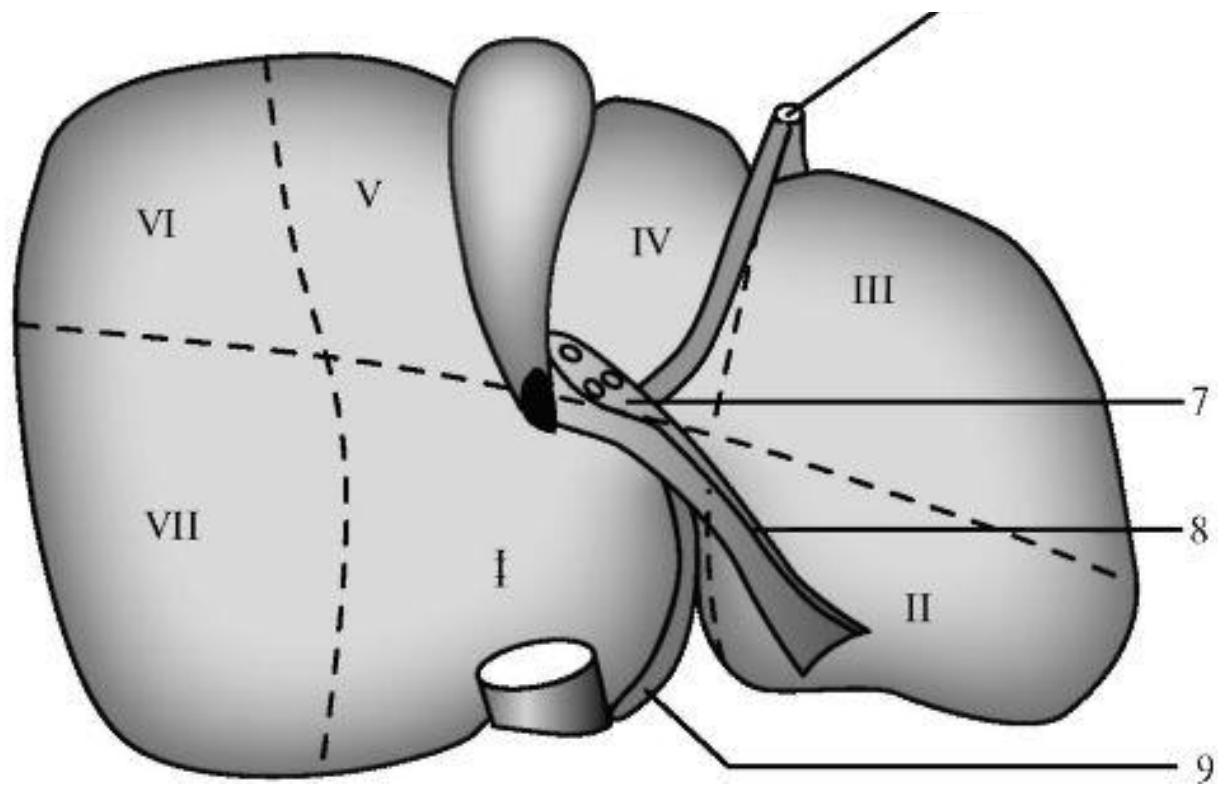
Greater Splanchnic nerves  
 Lesser Splanchnic nerves  
 Lumbar splanchnic nerves  
 Intermesenteric plexus  
 Hypogastric nerves  
 Sacral splanchnic nerves  
 Pelvic splanchnic nerves

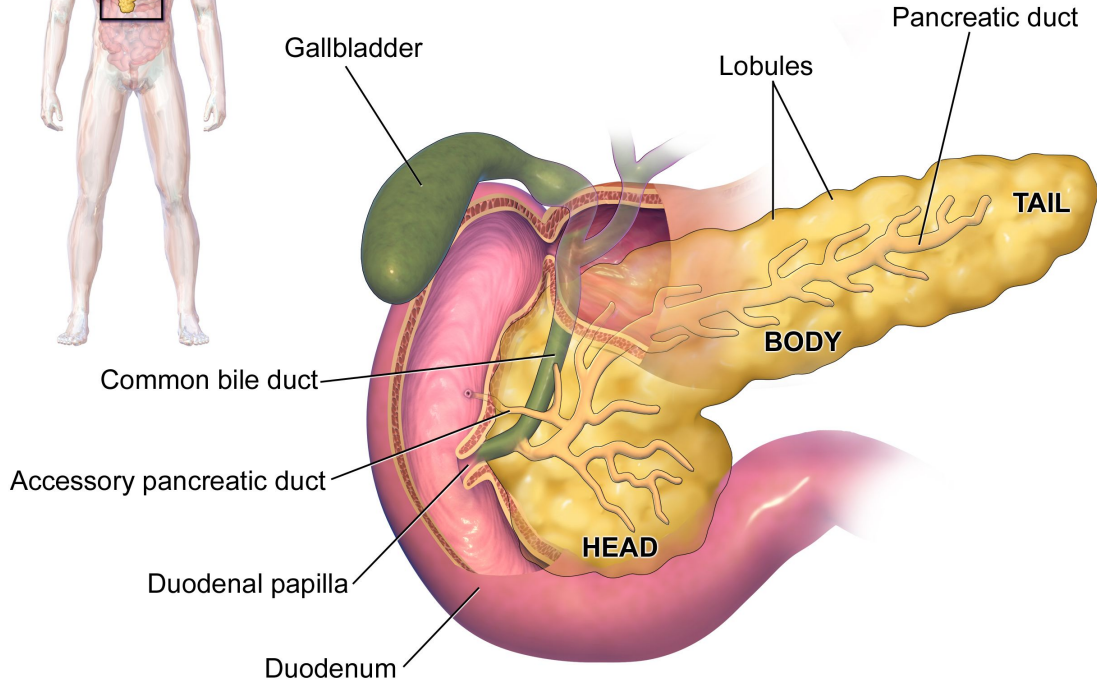
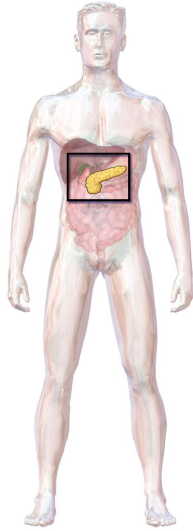
Intracranial vessels  
 Ciliary ganglion  
 Eye  
 Pterygopalatine ganglion  
 Lacrimal glands  
 Otic ganglion  
 Parotid glands  
 Submandibular ganglion  
 Sublingual and submandibular glands  
 Peripheral cranial and facial vessels  
 Larynx  
 Trachea  
 Bronchi  
 Lungs  
 Pulmonary plexus  
 Cardiac plexus  
 Heart  
 Celiac ganglion  
 Stomach  
 Aorticorenal ganglion  
 Liver  
 Gallbladder  
 Bile ducts  
 Pancreas  
 Superior mesenteric ganglion  
 Suprarenal glands  
 Kidneys  
 Inferior mesenteric ganglion  
 Intestines  
 Superior hypogastric plexus  
 Descending colon  
 Sigmoid colon  
 Rectum  
 Inferior hypogastric plexus  
 Urinary bladder  
 Prostate  
 External genitalia

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 M.D.  
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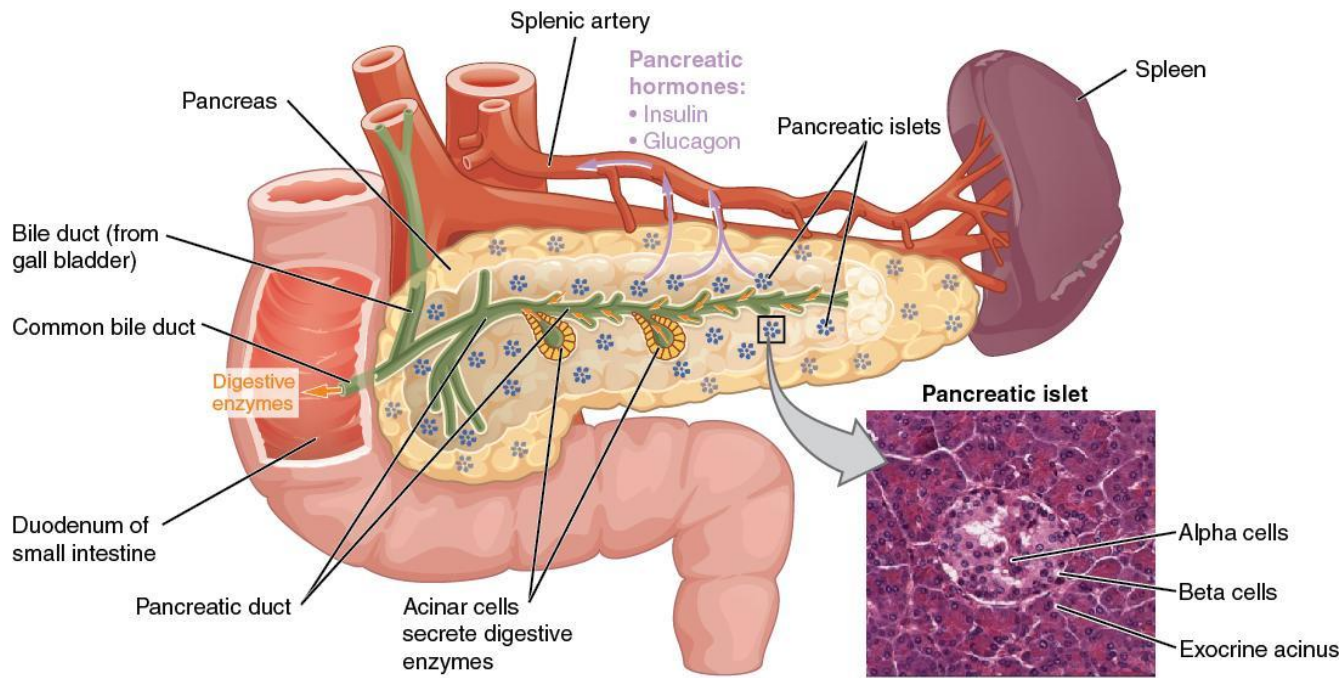


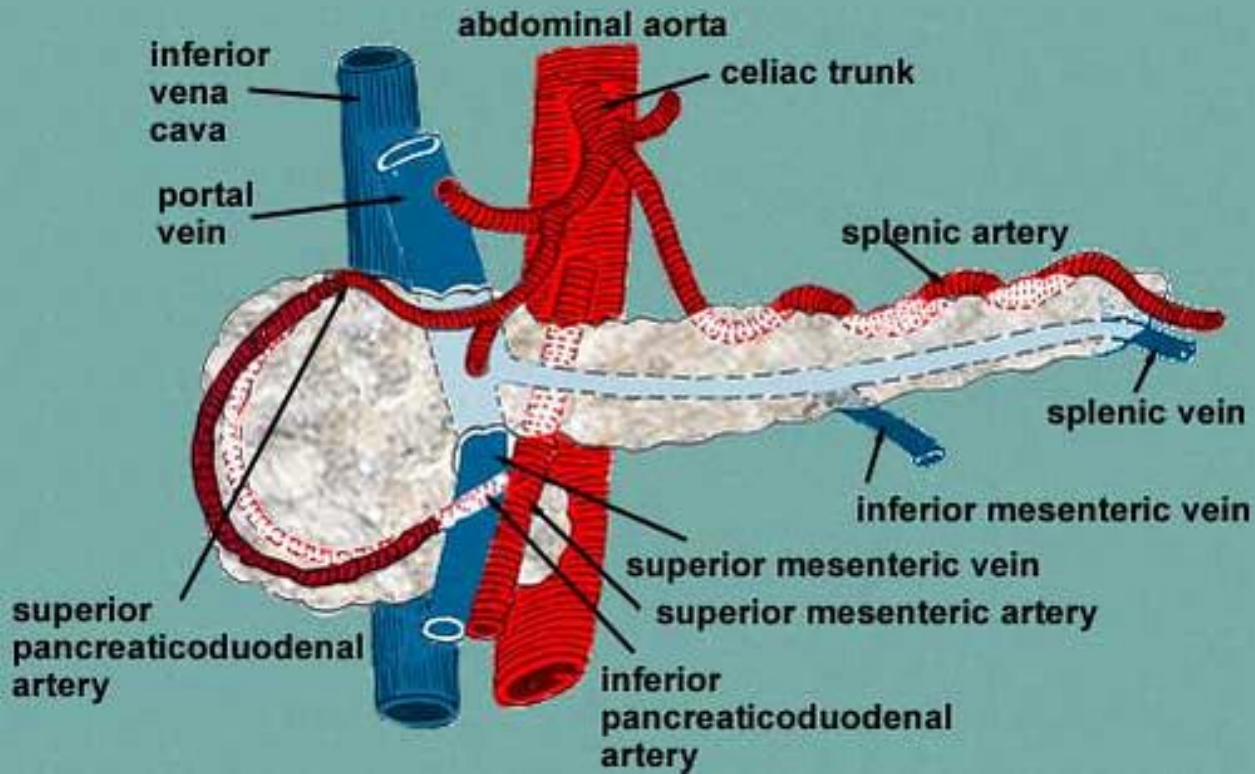


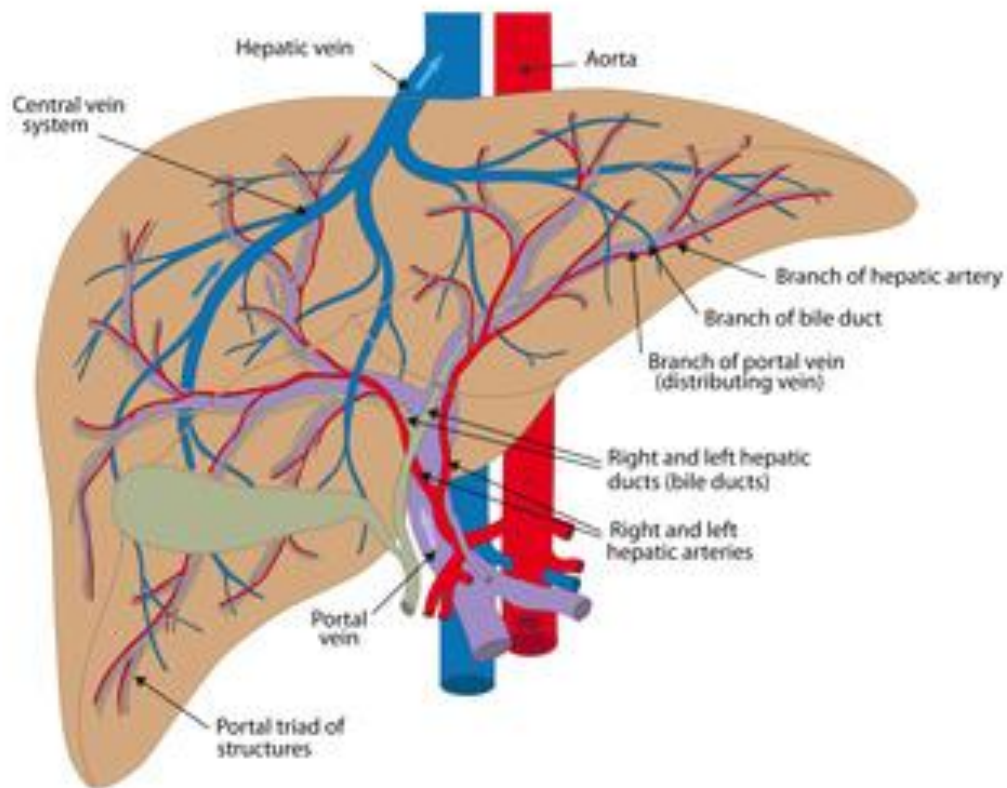


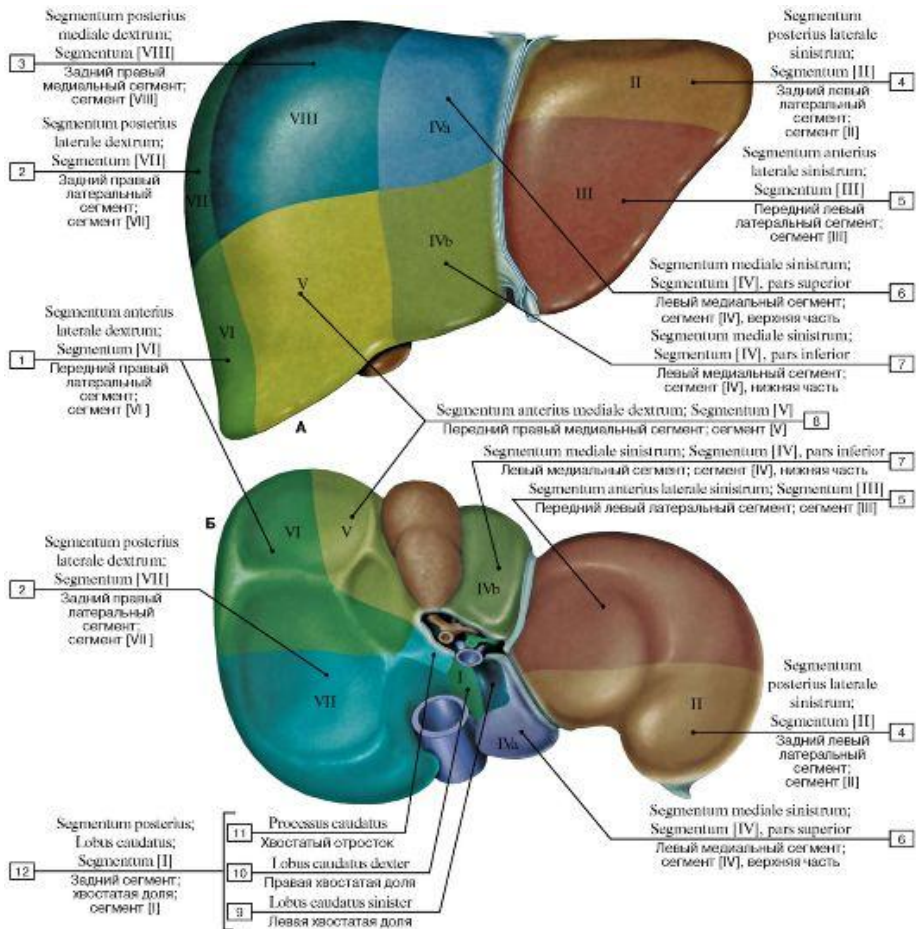












Segmentum posterius  
mediale dextrum;  
Segmentum [VIII]

Задний правый  
медиальный сегмент;  
сегмент [VIII]

Segmentum posterius  
laterale dextrum;  
Segmentum [VII]

Задний правый  
латеральный  
сегмент;  
сегмент [VII]

Segmentum anterius  
laterale dextrum;  
Segmentum [VI]

Передний правый  
латеральный  
сегмент;  
сегмент [VI]

Segmentum  
posterius laterale  
sinistrum;  
Segmentum [II]

Задний левый  
латеральный  
сегмент;  
сегмент [II]

Segmentum anterius  
laterale sinistrum;  
Segmentum [III]

Передний левый  
латеральный сегмент;  
сегмент [III]

Segmentum mediale sinistrum;  
Segmentum [IV], pars superior

Левый медиальный сегмент;  
сегмент [IV], верхняя часть

Segmentum [IV], pars inferior

Левый медиальный сегмент;  
сегмент [IV], нижняя часть

Segmentum anterius mediale dextrum; Segmentum [V]

Передний правый медиальный сегмент; сегмент [V]

Segmentum posterius  
laterale dextrum;  
Segmentum [VII]

Задний правый  
латеральный  
сегмент;  
сегмент [VII]

Segmentum posterius;  
Lobus caudatus;  
Segmentum [I]

Задний сегмент;  
хвостатая доля;  
сегмент [I]

Processus caudatus  
Хвостатый отросток

Lobus caudatus dexter  
Правая хвостатая доля

Lobus caudatus sinister  
Левая хвостатая доля

Segmentum mediale sinistrum; Segmentum [IV], pars inferior

Левый медиальный сегмент; сегмент [IV], нижняя часть

Segmentum anterius laterale sinistrum; Segmentum [III]

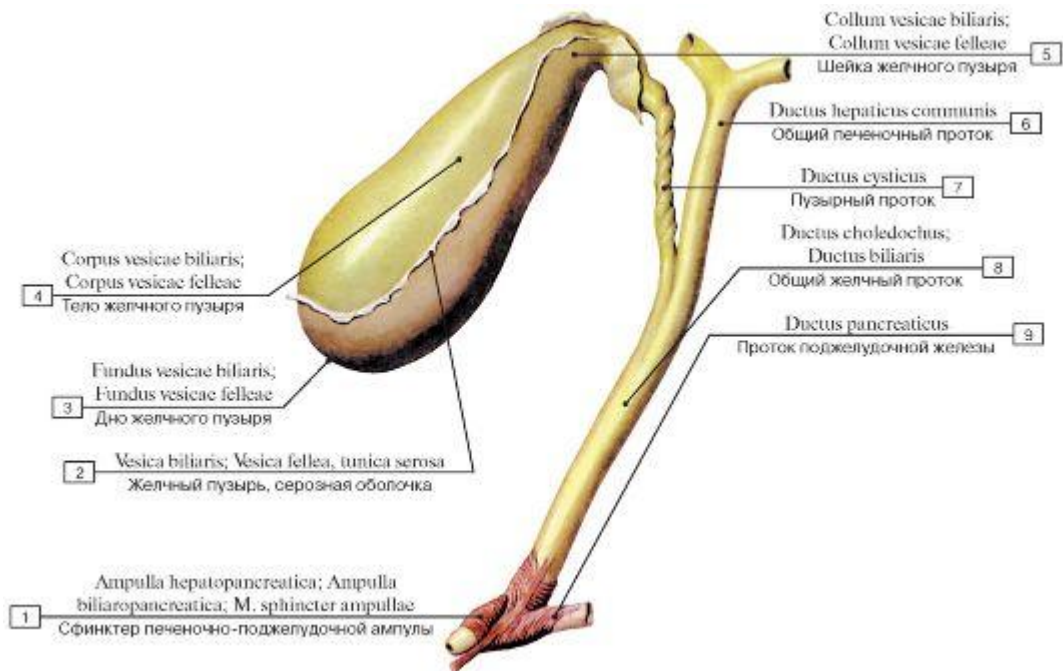
Передний левый латеральный сегмент; сегмент [III]

Segmentum posterius laterale sinistrum;  
Segmentum [II]

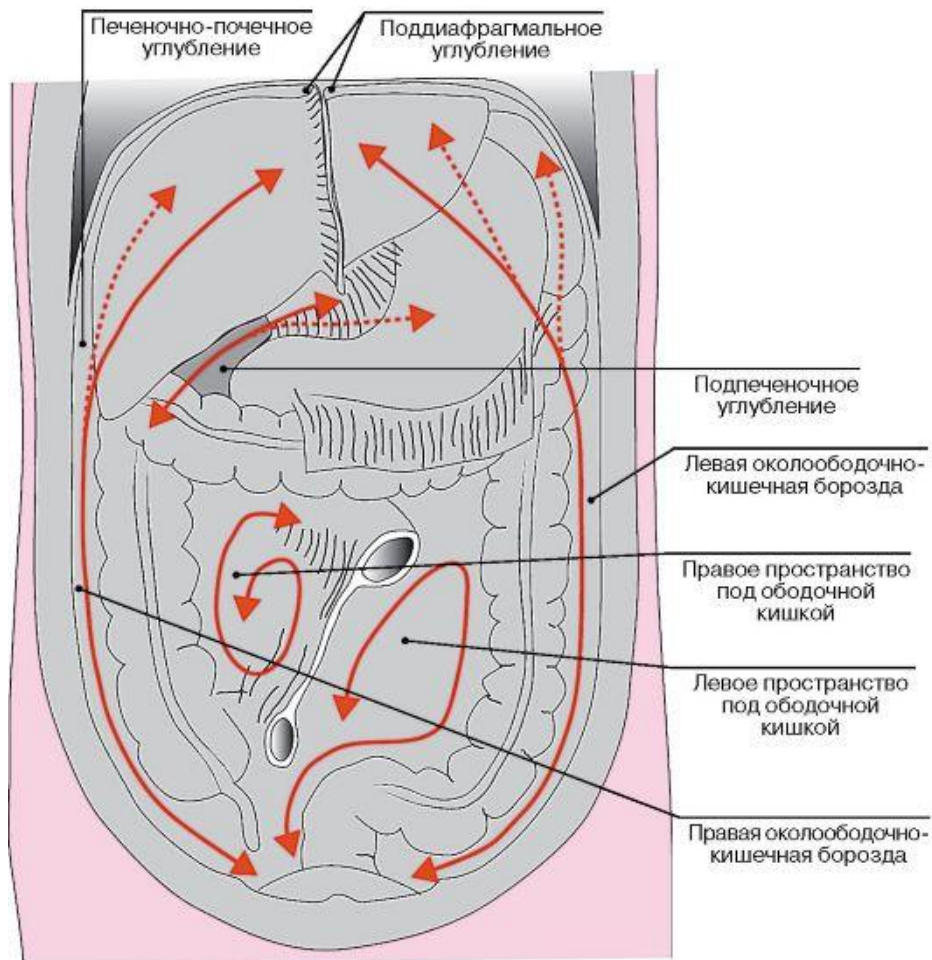
Задний левый  
латеральный  
сегмент;  
сегмент [II]

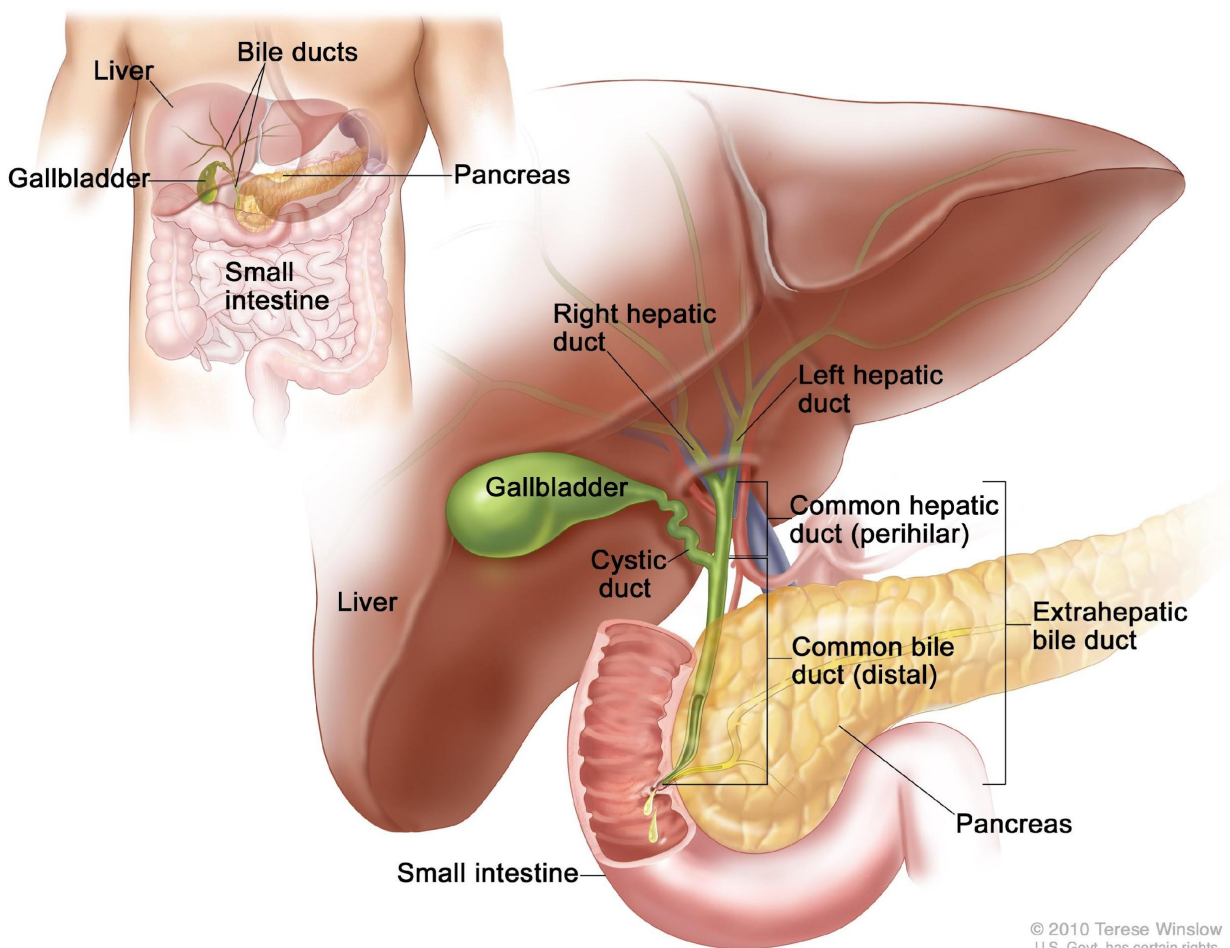
Segmentum mediale sinistrum;  
Segmentum [IV], pars superior

Левый медиальный сегмент;  
сегмент [IV], верхняя часть

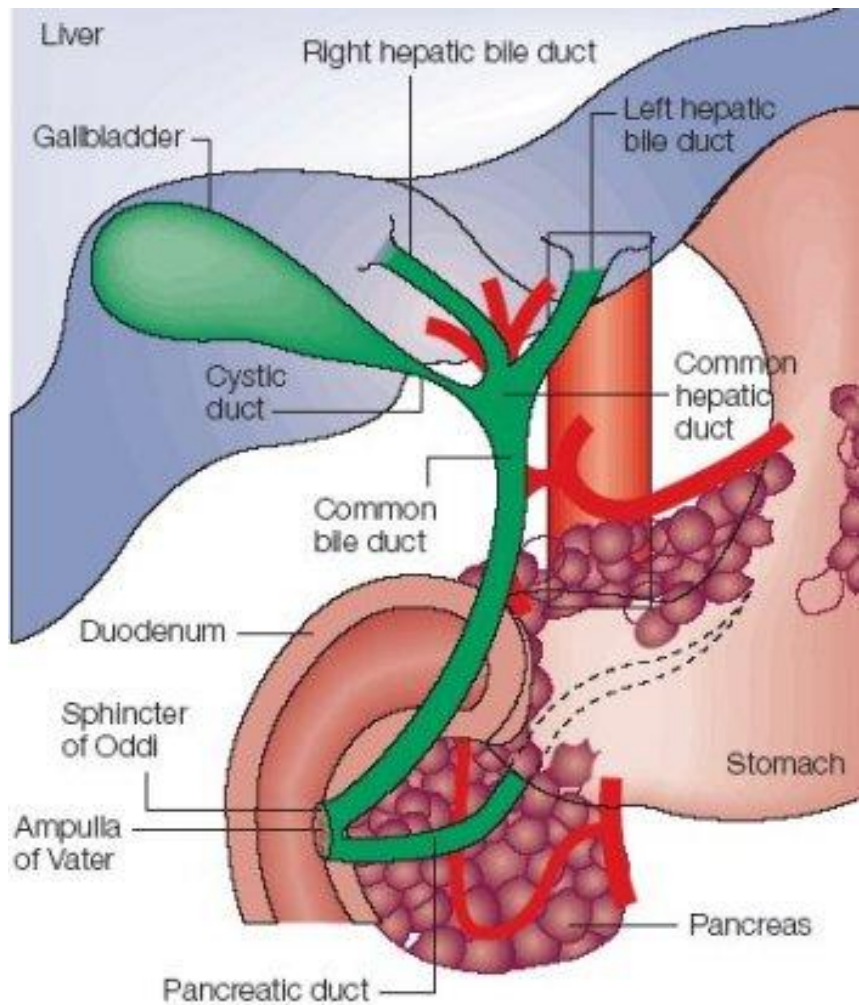


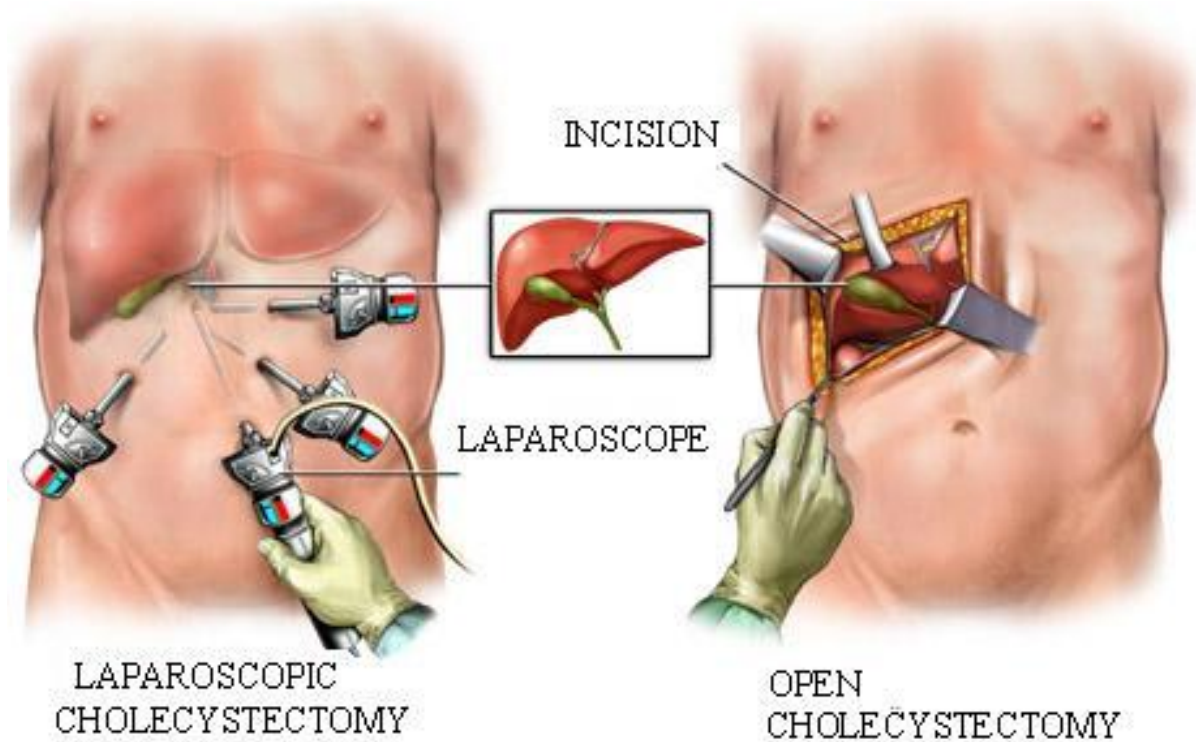










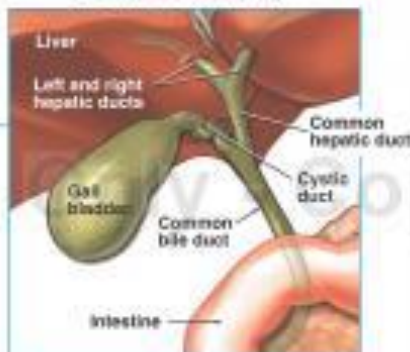


# Laparoscopic Cholecystectomy Procedure with Subsequent Bile Duct Injury



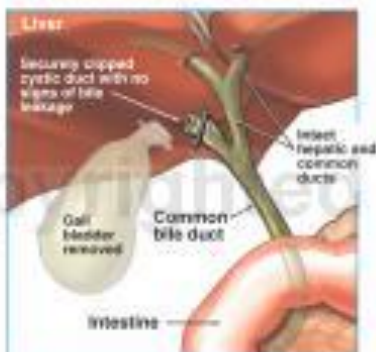
Anterior View of Abdomen

## Normal Anatomy

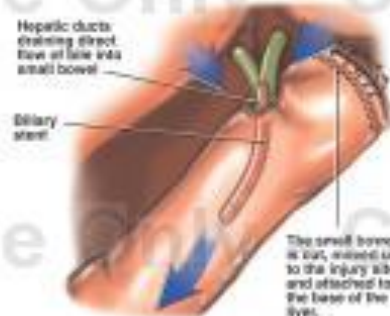


Enlarged View of Gall Bladder and Ducts

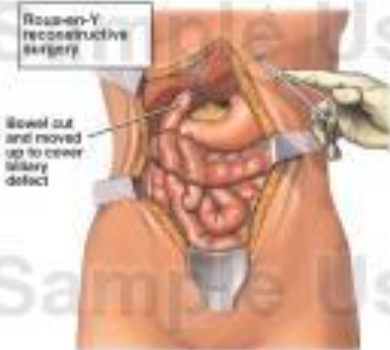
## Correct Post-op Condition

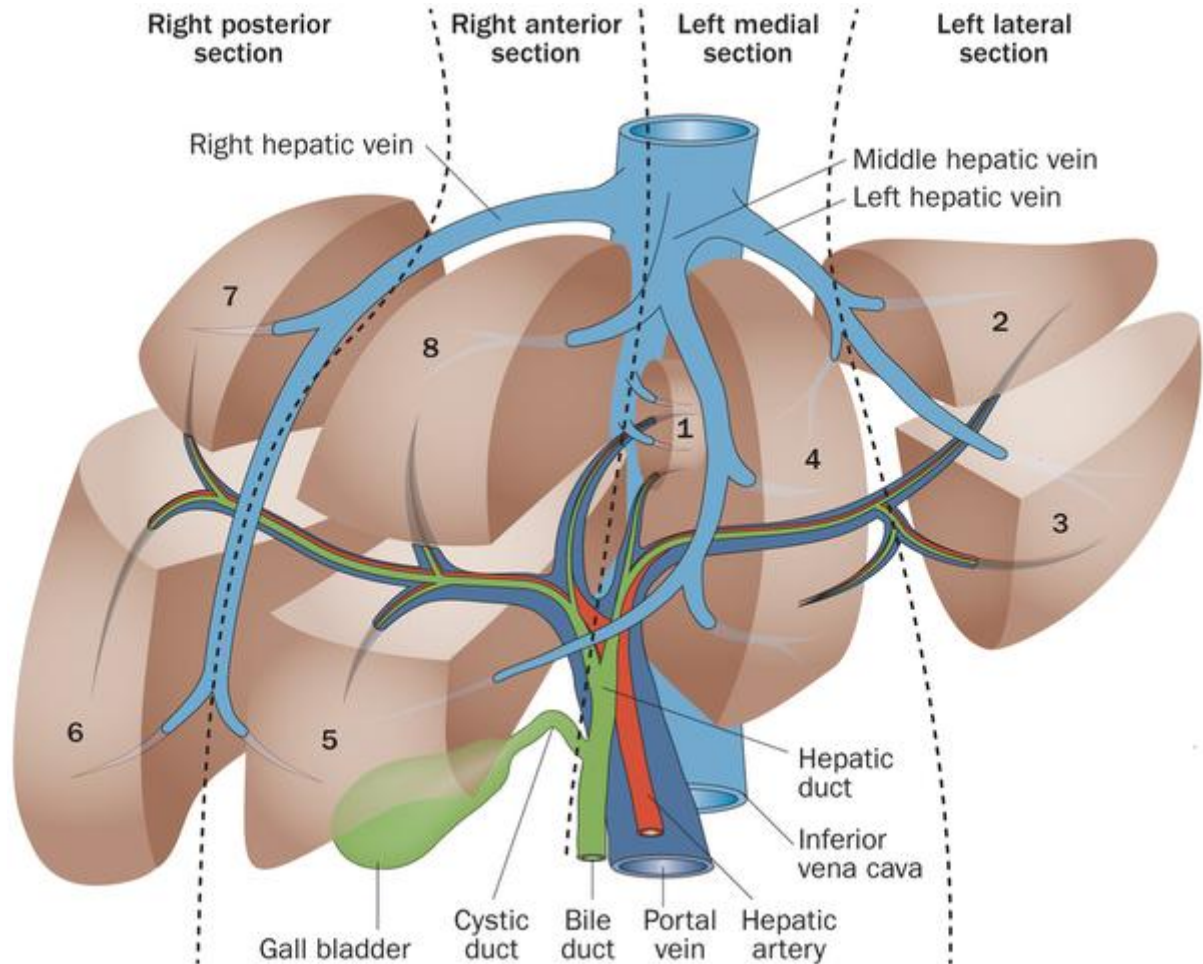


## Biliary Reconstruction



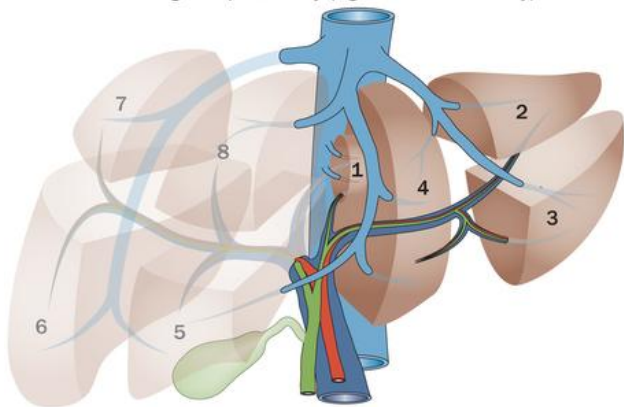
## Actual Post-operative Condition



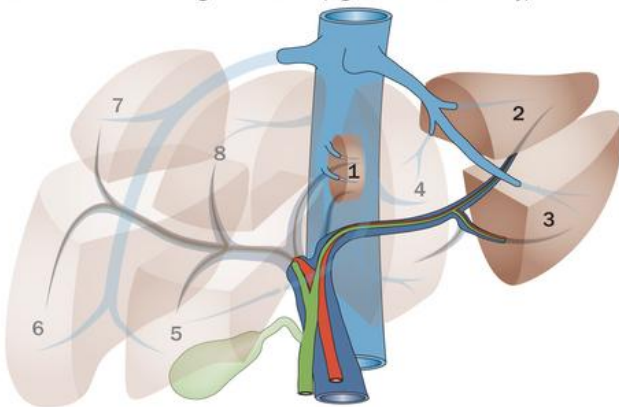




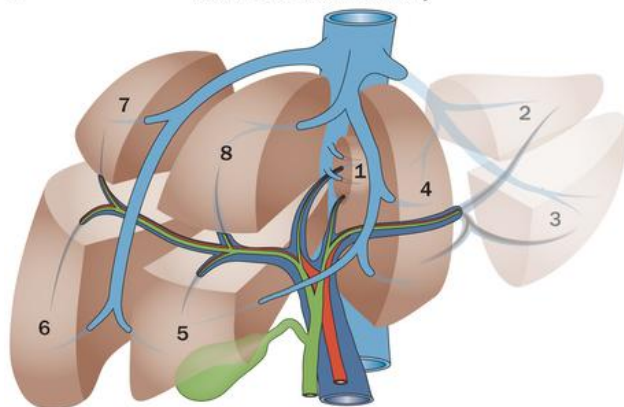
**a** Formal right hepatectomy (right bissectionectomy)



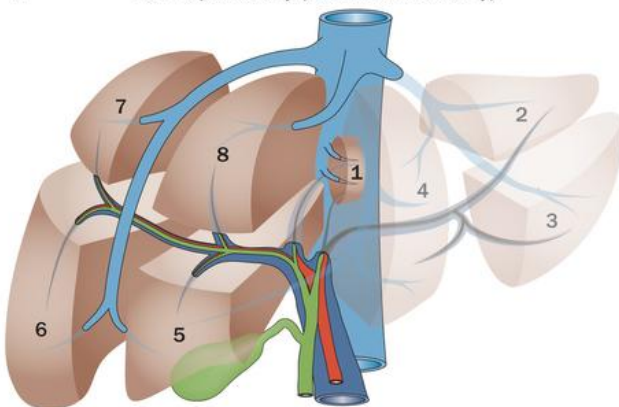
**b** Extended right resection (right trisectionectomy)

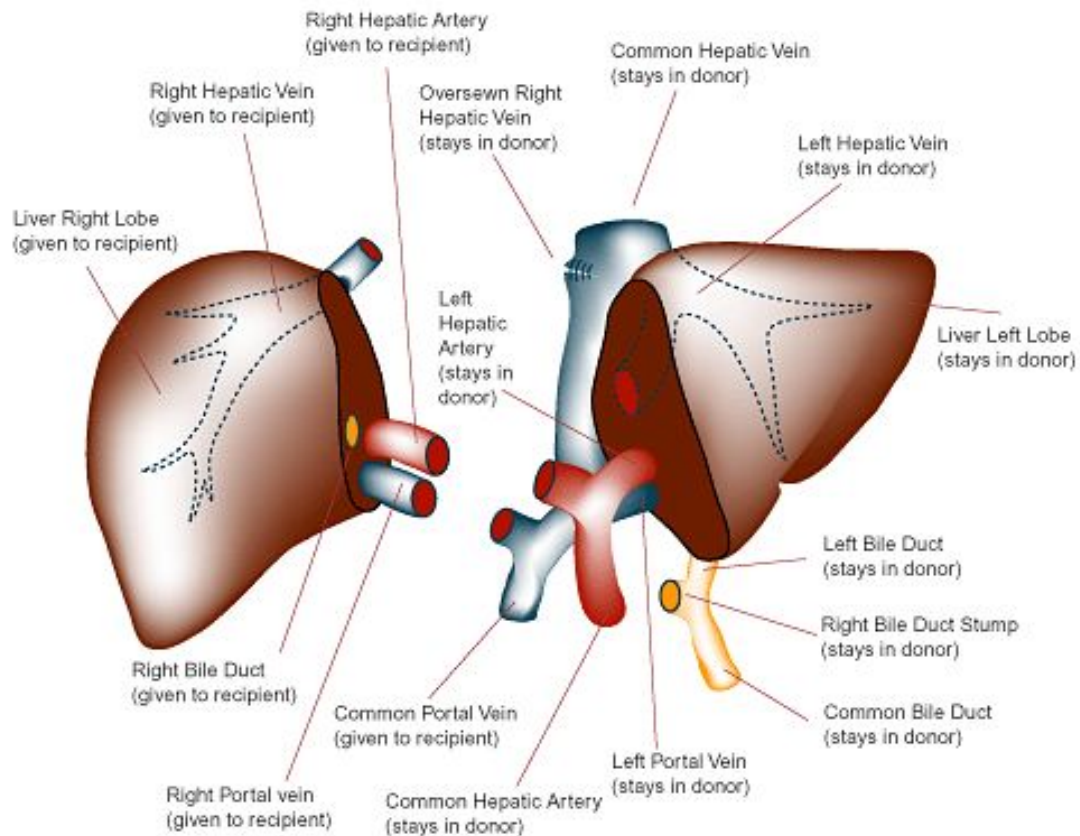


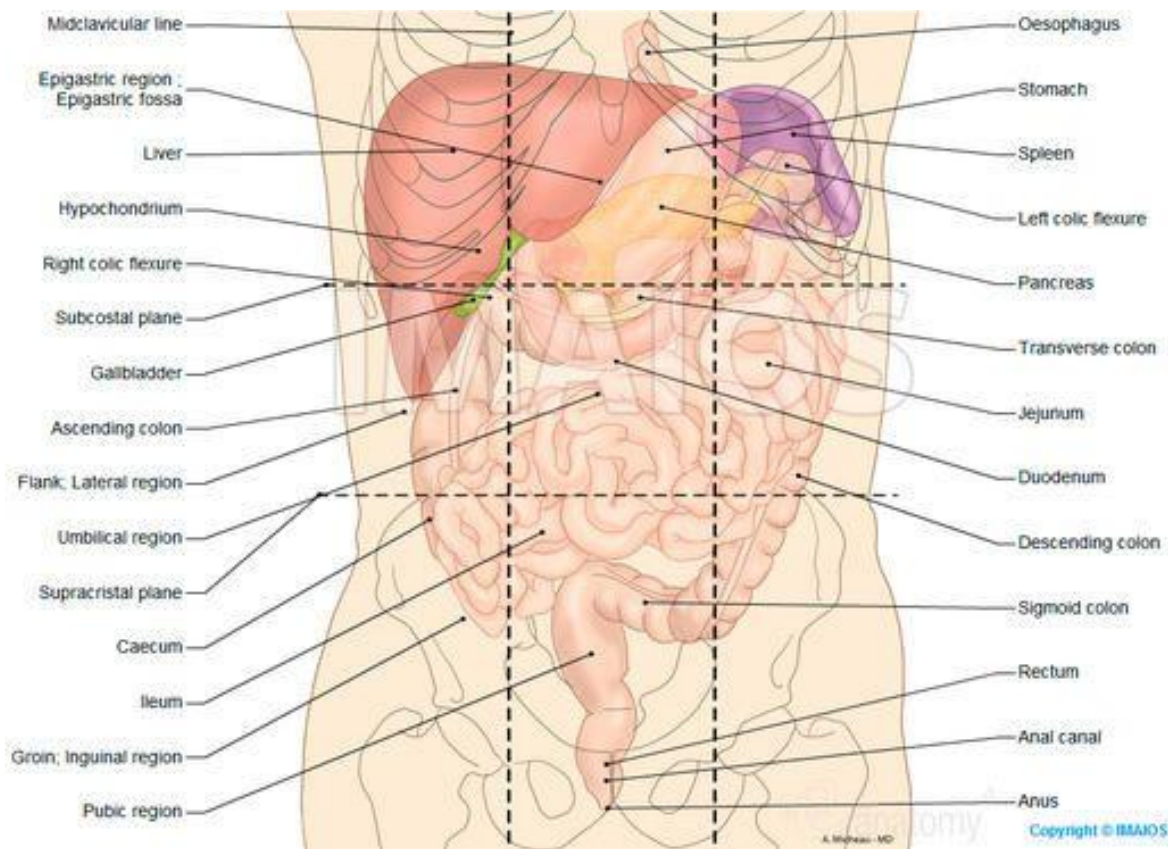
**c** Left lateral sectionectomy



**d** Left hepatectomy (left bissectionectomy)





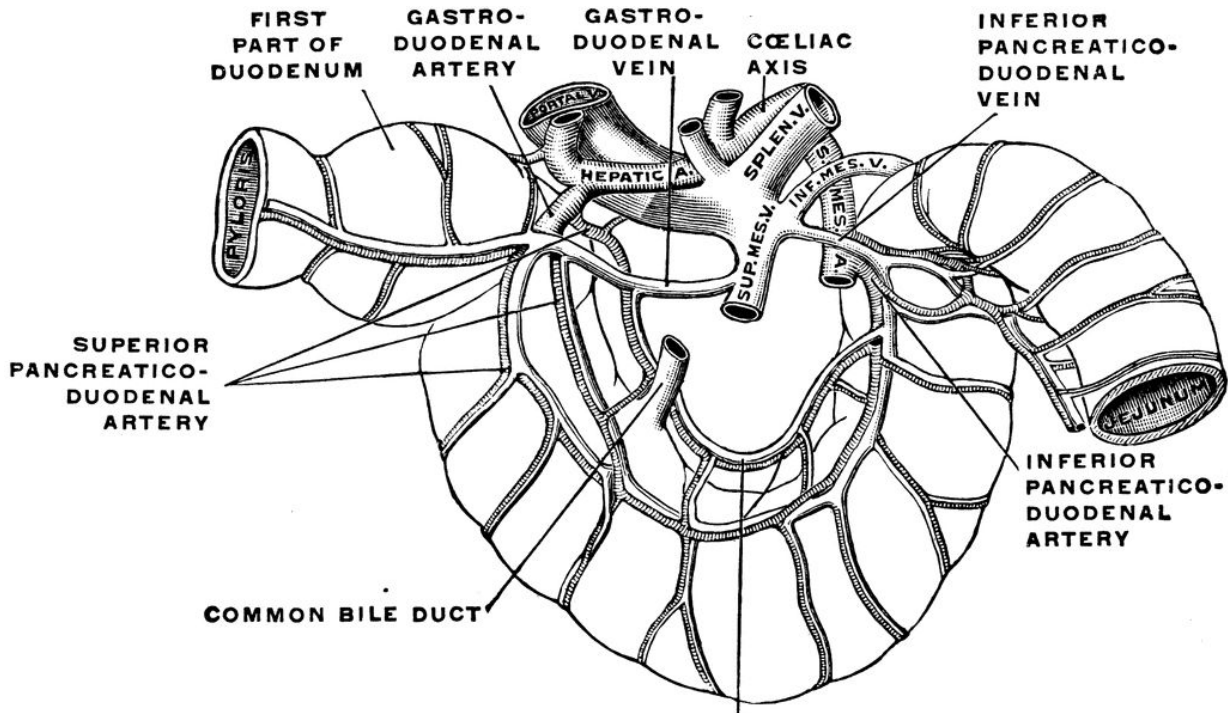


A. Higham - MD

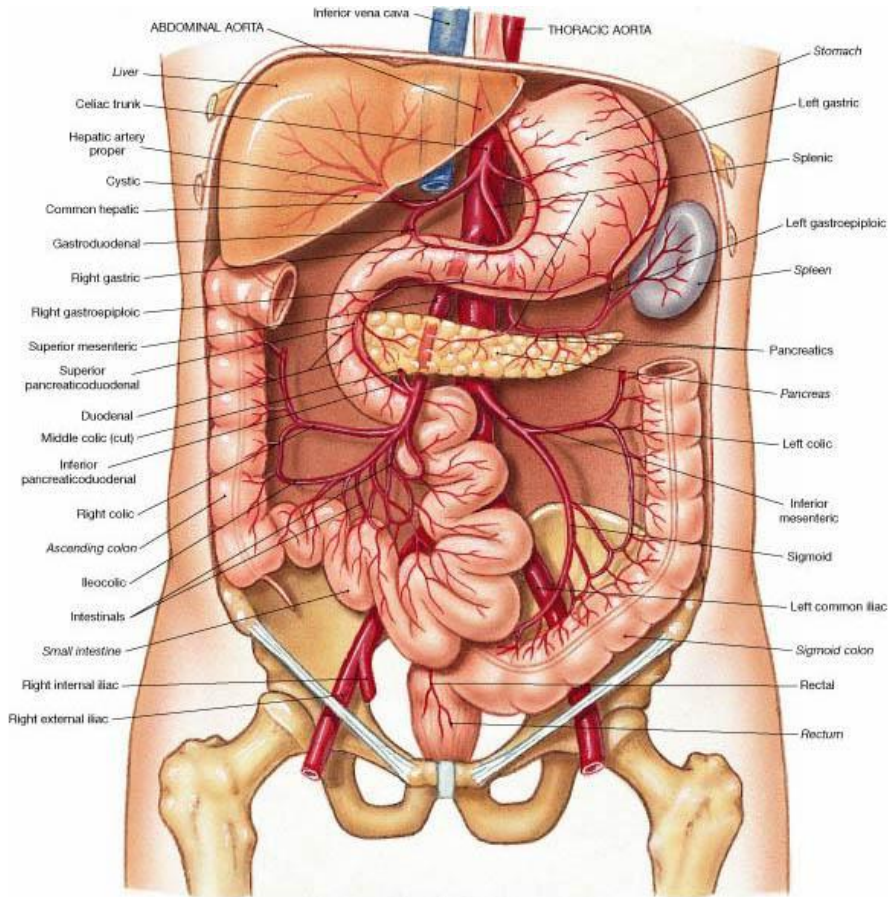
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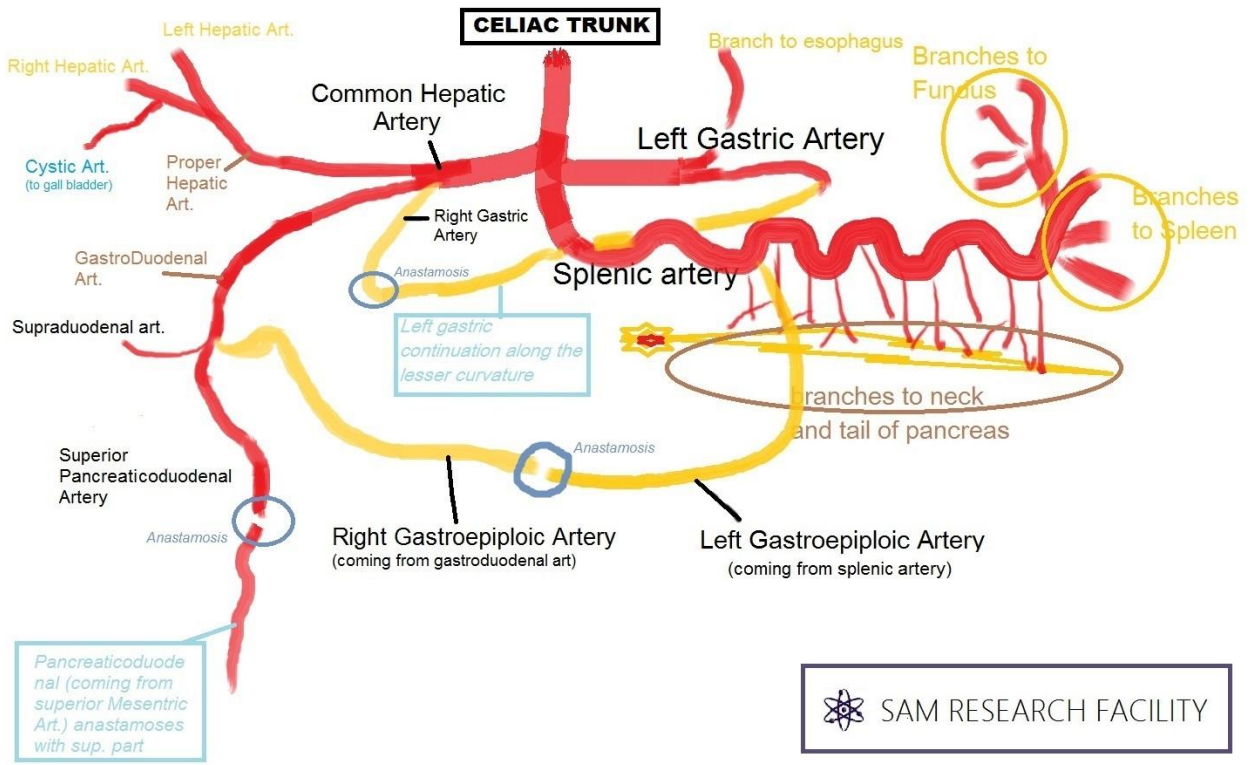




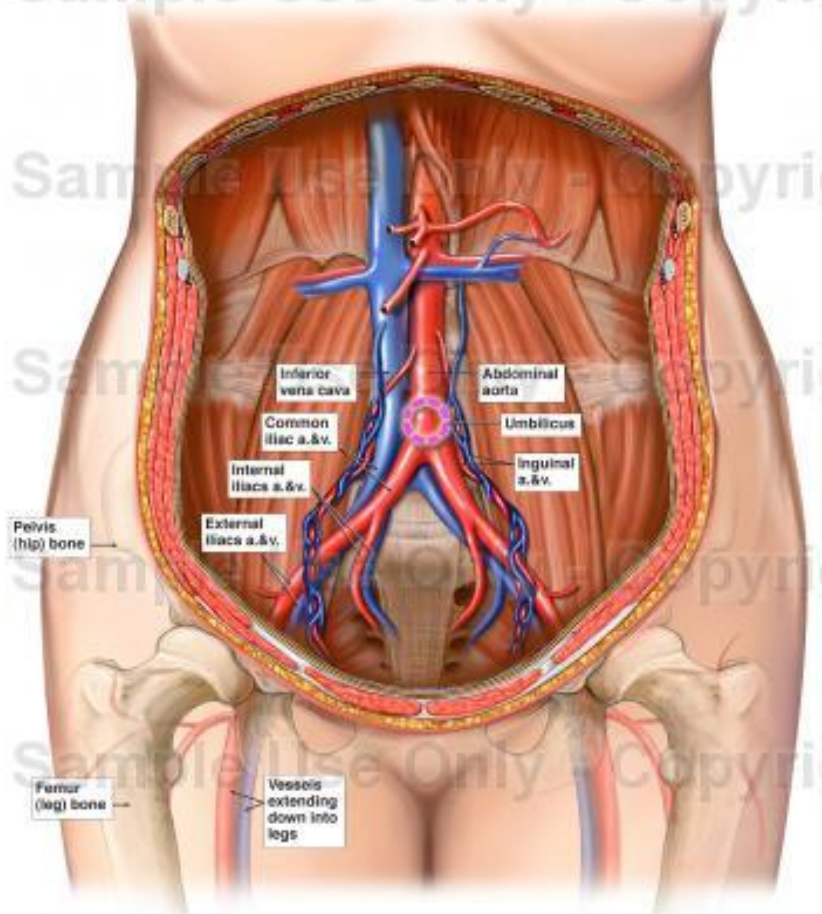
**ANASTOMOSIS OF THE TWO PANCREATICO-DUODENAL ARTERIES**



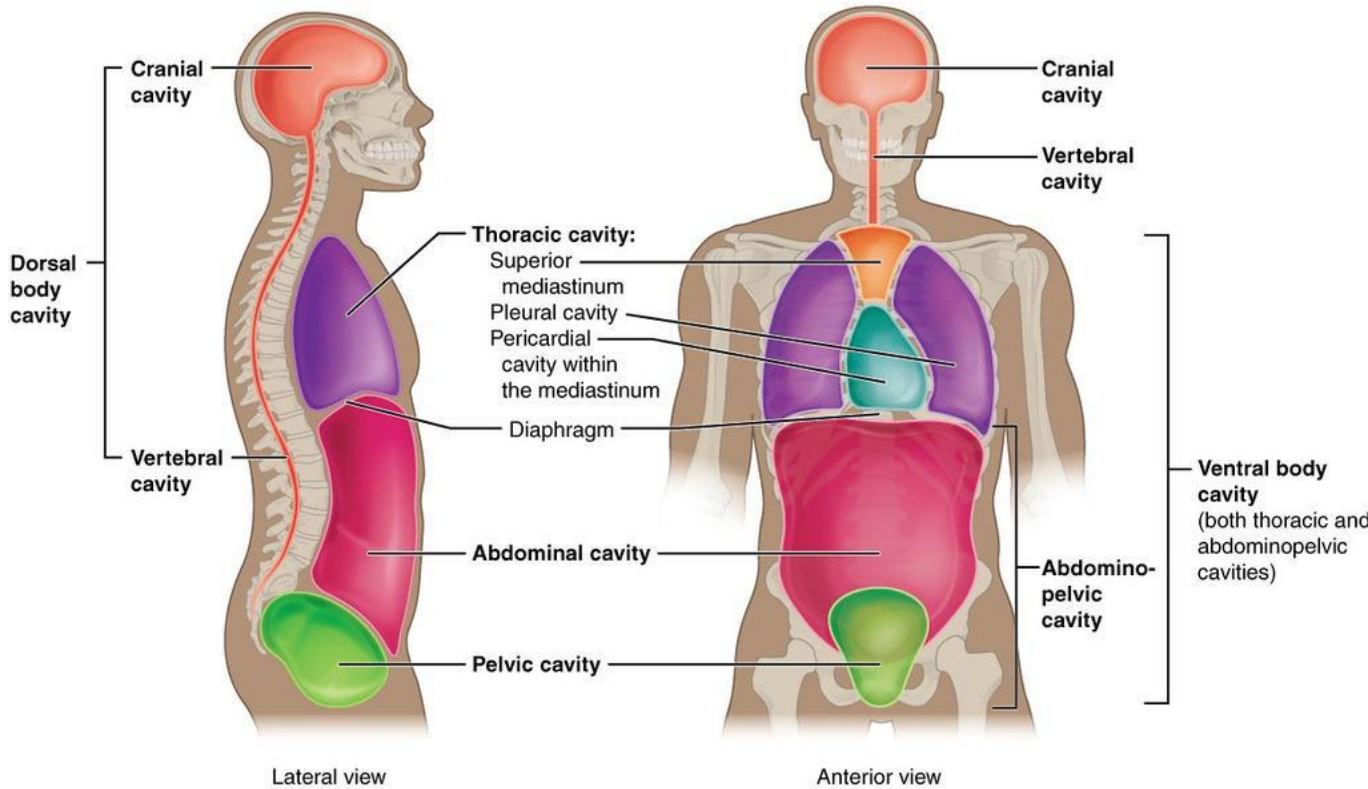
(b) Arteries supplying abdominal organs, anterior view



# Anatomy of the Female Abdomen and Pelvis



Anterior (front) view



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