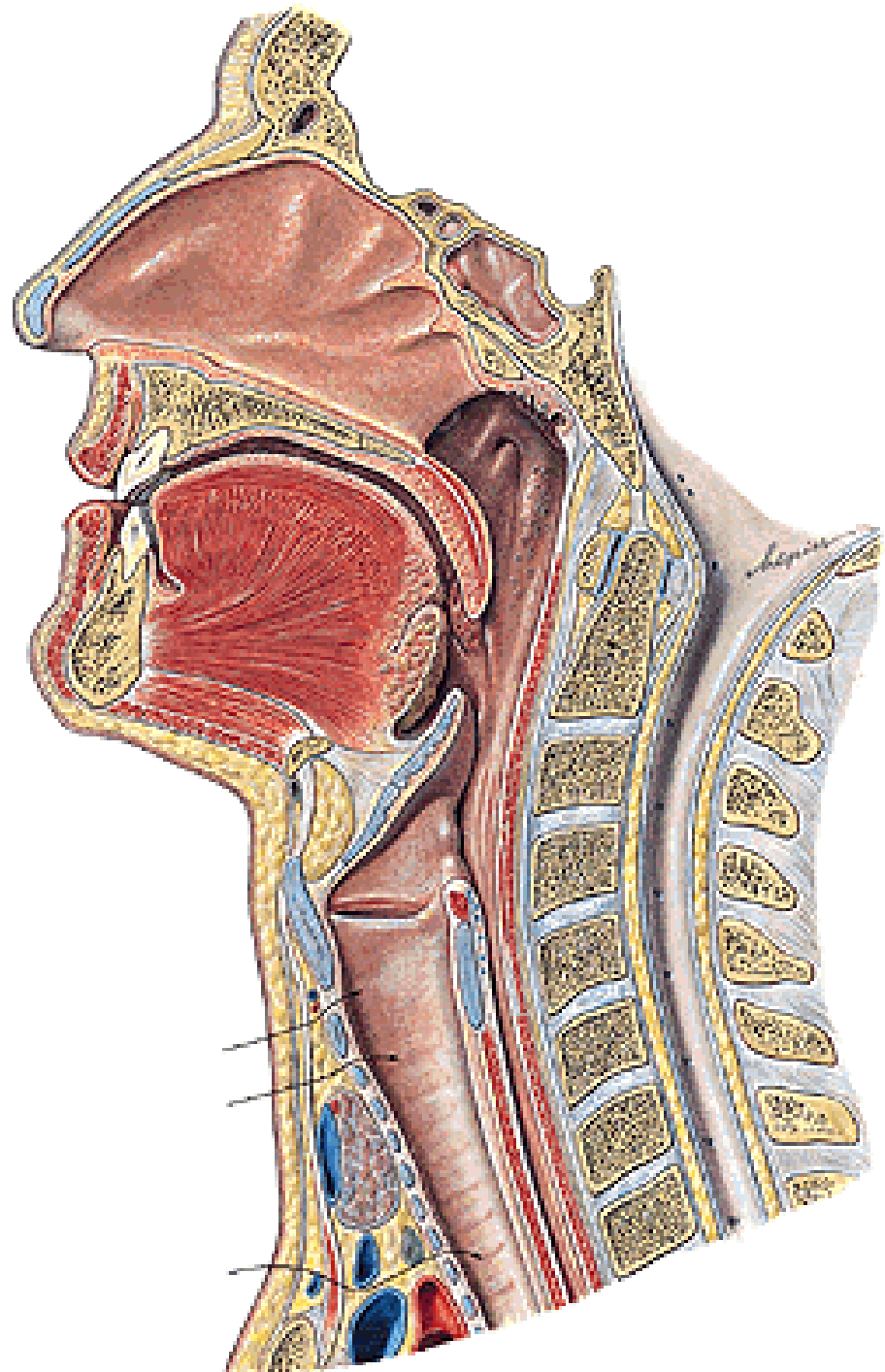


# **DIGESTIVE SYSTEM II.**

# PHARYNX

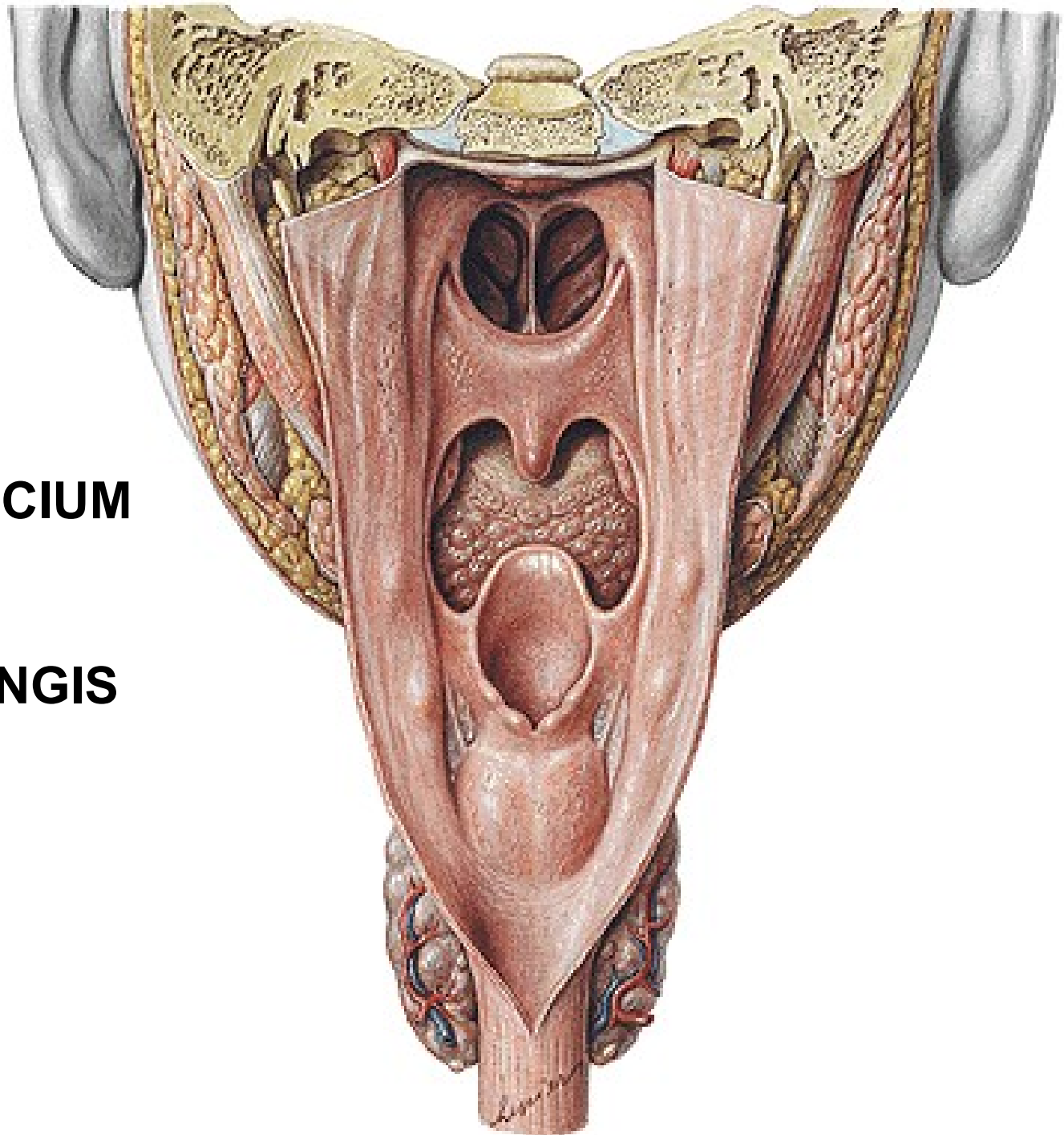
Fornix pharyngis  
Cavum pharyngis



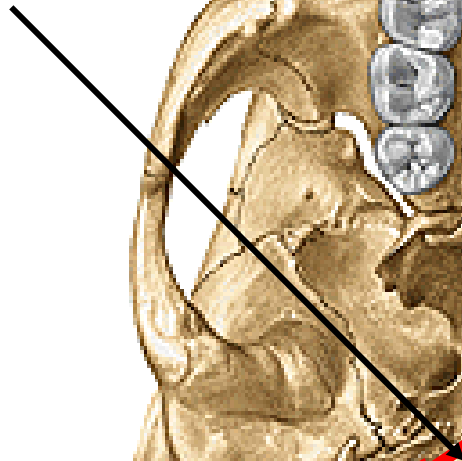
**CHOANAE**

**ISTHMUS FAUCIUM**

**ADITUS LARYNGIS**

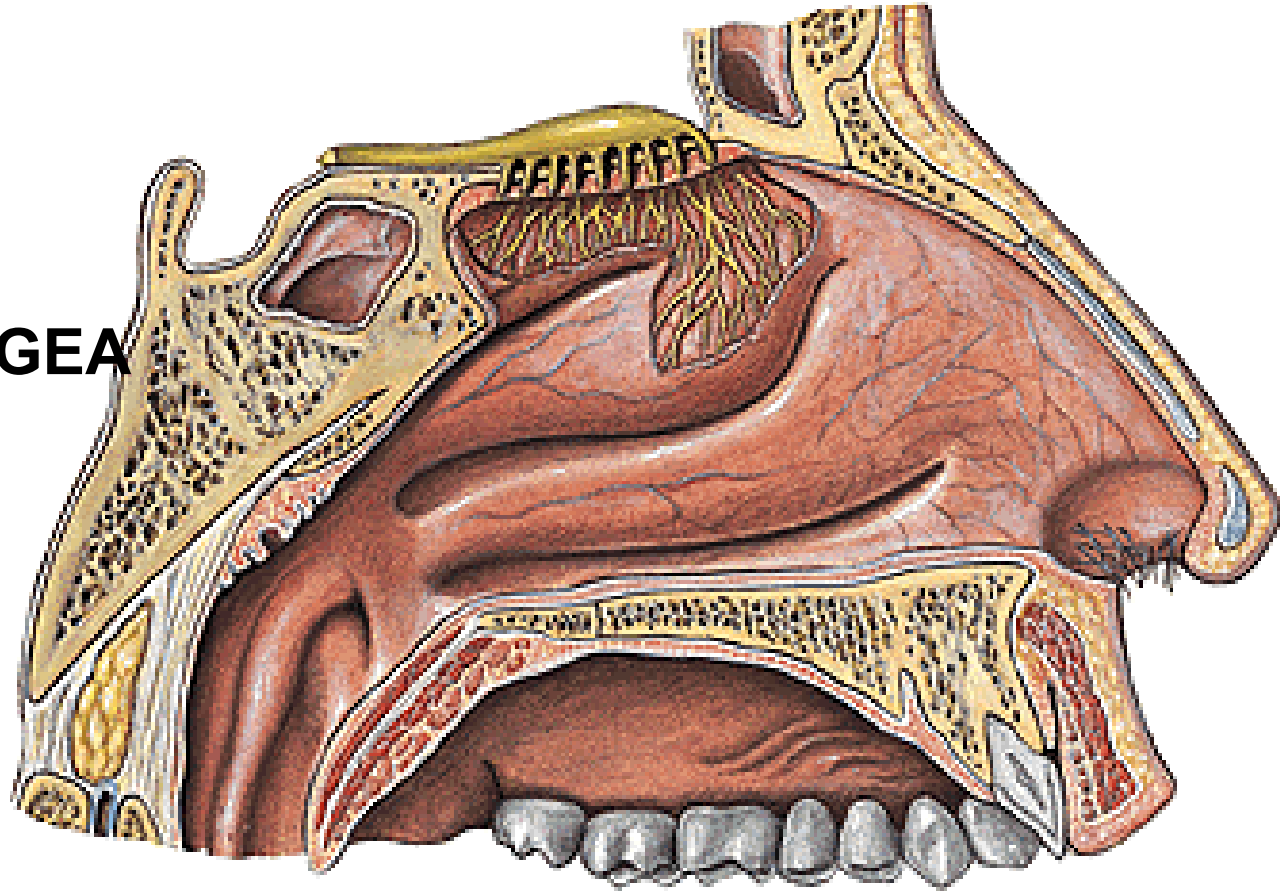


**RECESSUS  
PHARYNGEUS**



**NASOPHARYNX:**

**TONSILLA PHARYNGEA**



**OSTIUM PHARYNGEUM TUBAE AUDITIVAE:**

- TORUS TUBARIUS (PLICA SALPINGOPHARYNGEA)
- TORUS LEVATORIUS
- PLICA SALPINGOPALATINA

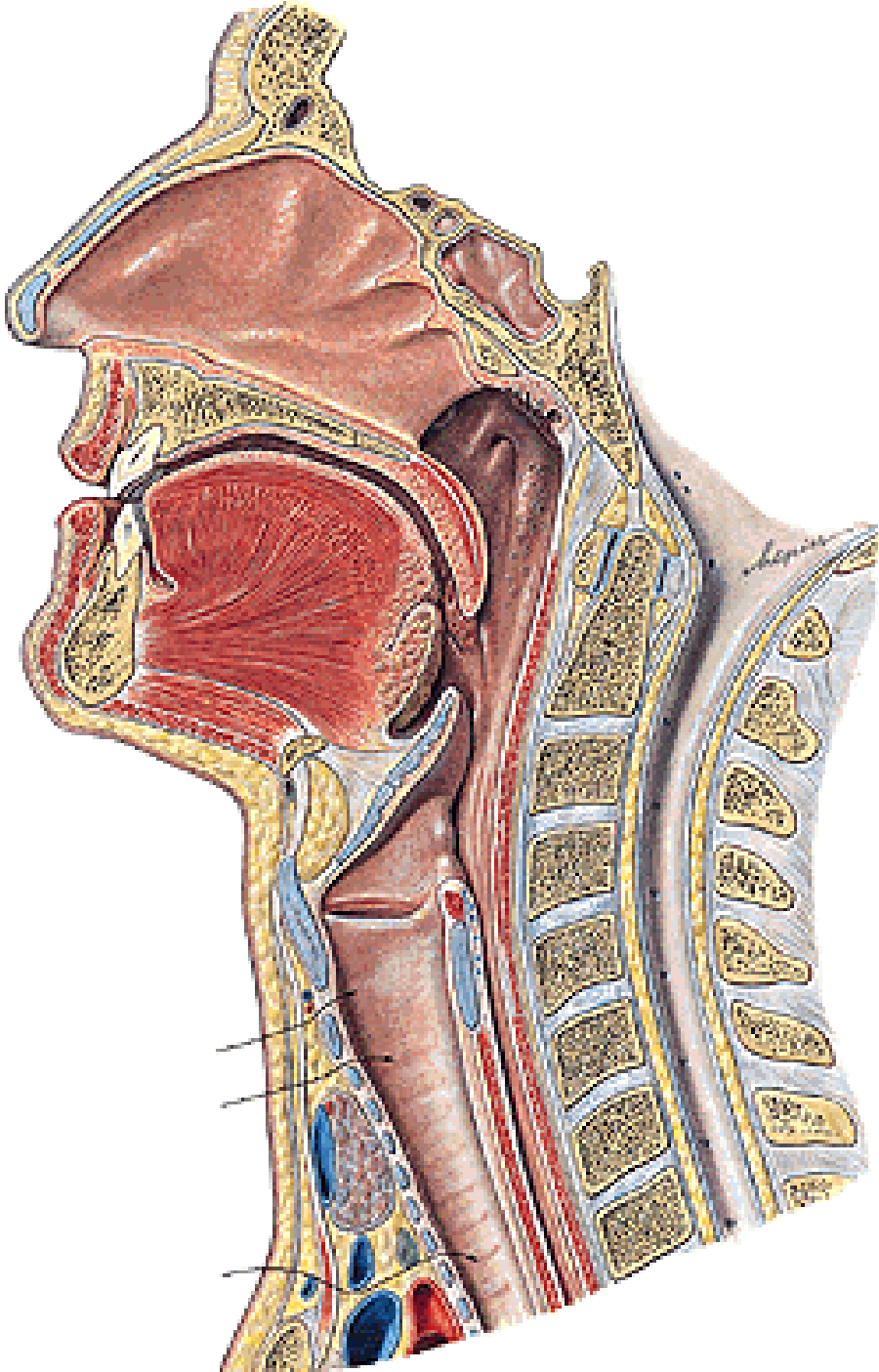
**TONSILLA TUBARIA**

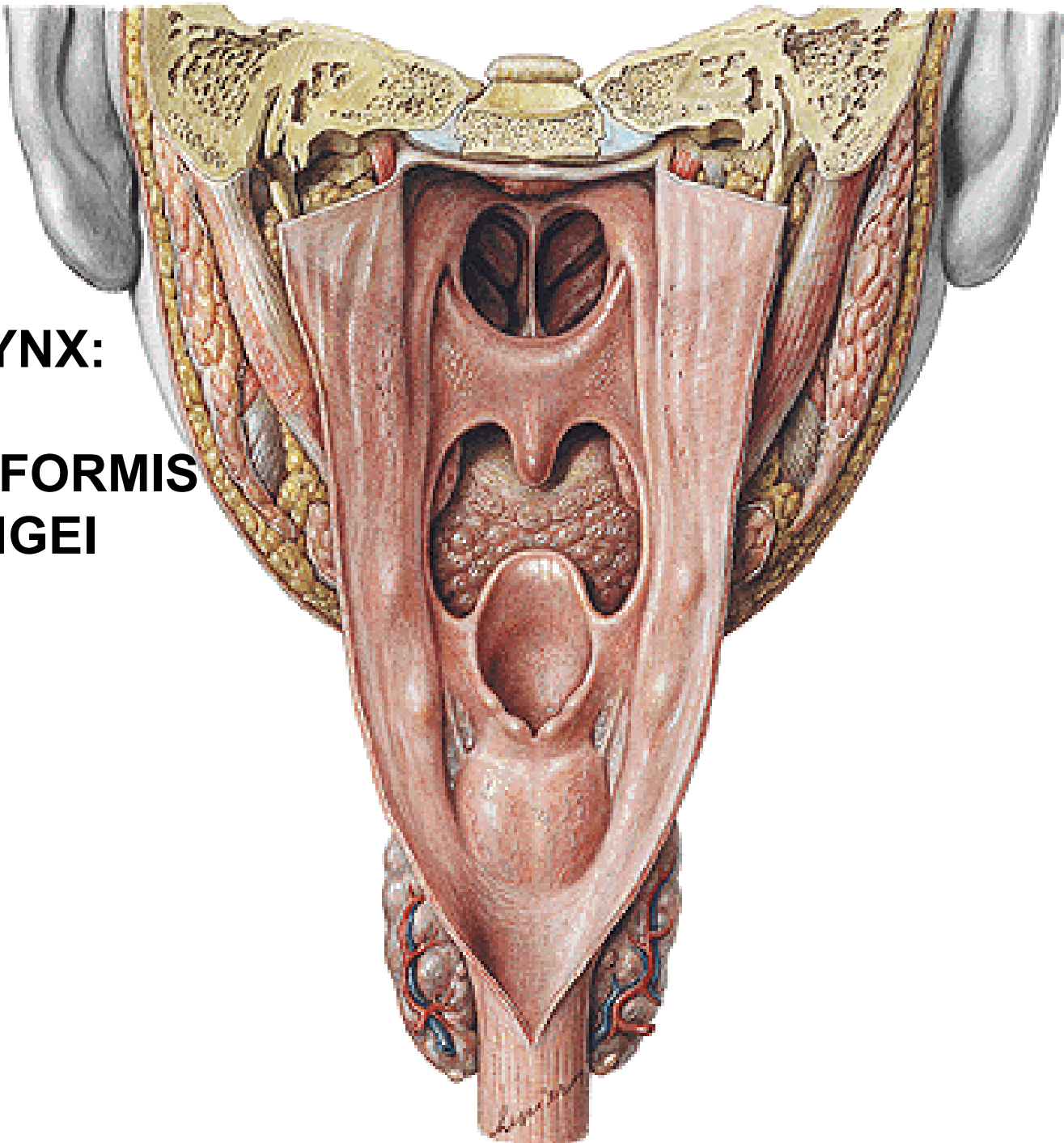
**Waldeyer lymphoepithelial ring**

**Adenoid facies**



# OROPHARYNX





**LARYNGOPHARYNX:**

- RECESSUS PIRIFORMIS**
- PLICA N. LARYNGEI**

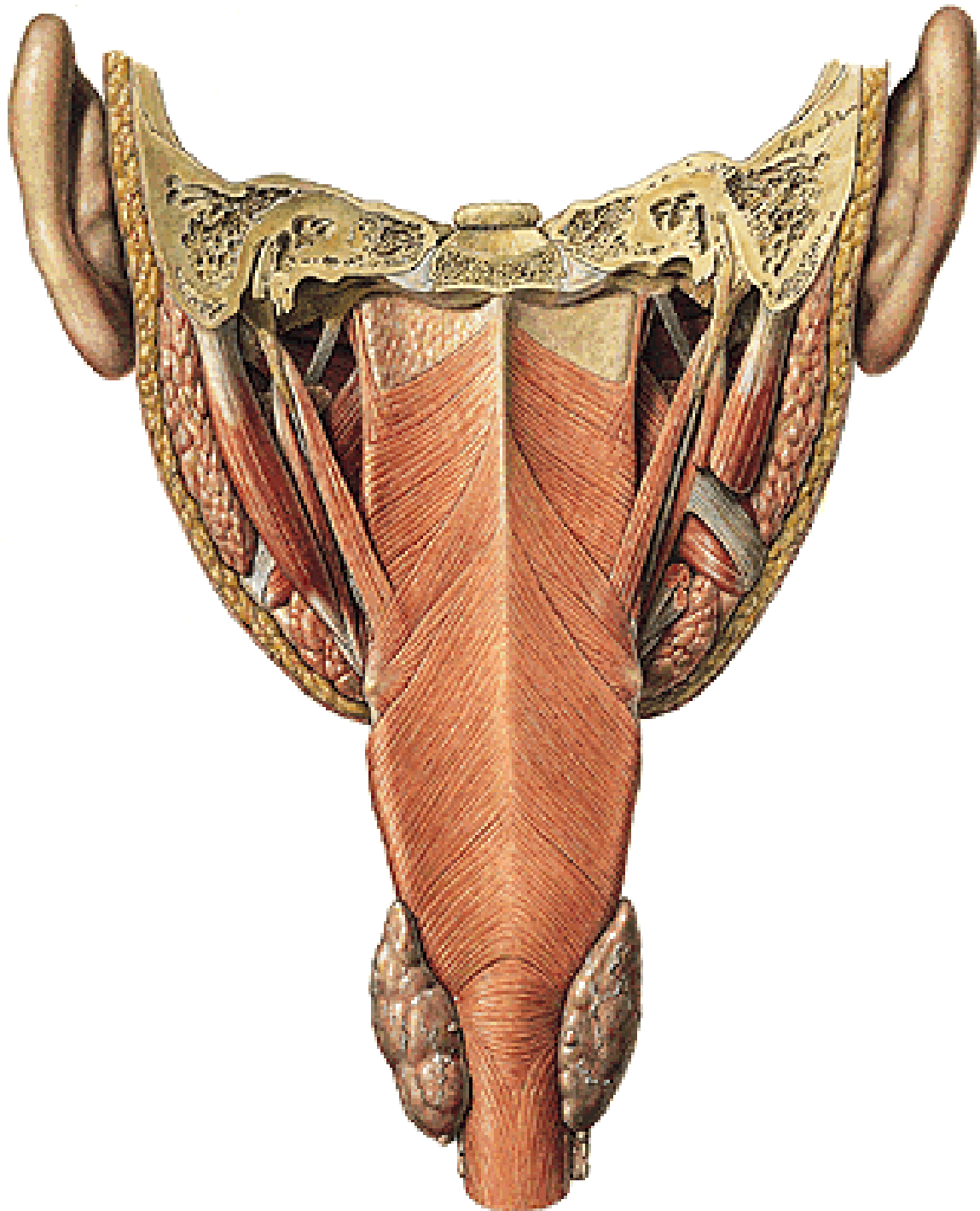


**M. CONSTRICTOR  
PHARYNGIS SUP.**

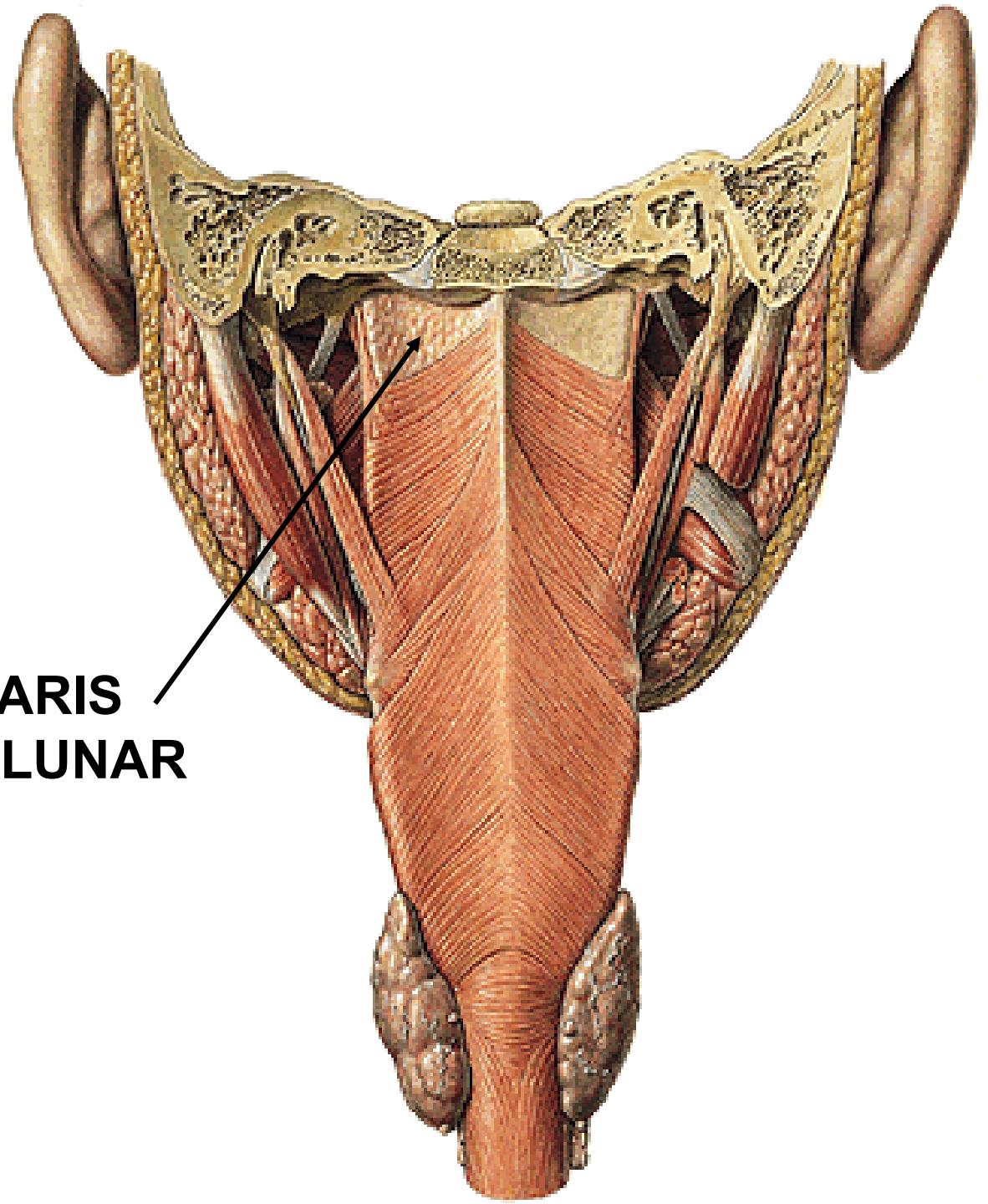
**M. CONSTRICTOR  
PHARYNGIS MEDIUS**

**M. CONSTRICTOR  
PHARYNGIS INF.**

**- RAPHE PHARYNGIS**



**FASCIA  
PHARYNGOBASILARIS  
(LUSCHKA'S SEMILUNAR  
SPACE)**



**M. CONSTRICTOR**  
**PHARYNGIS SUP.:**

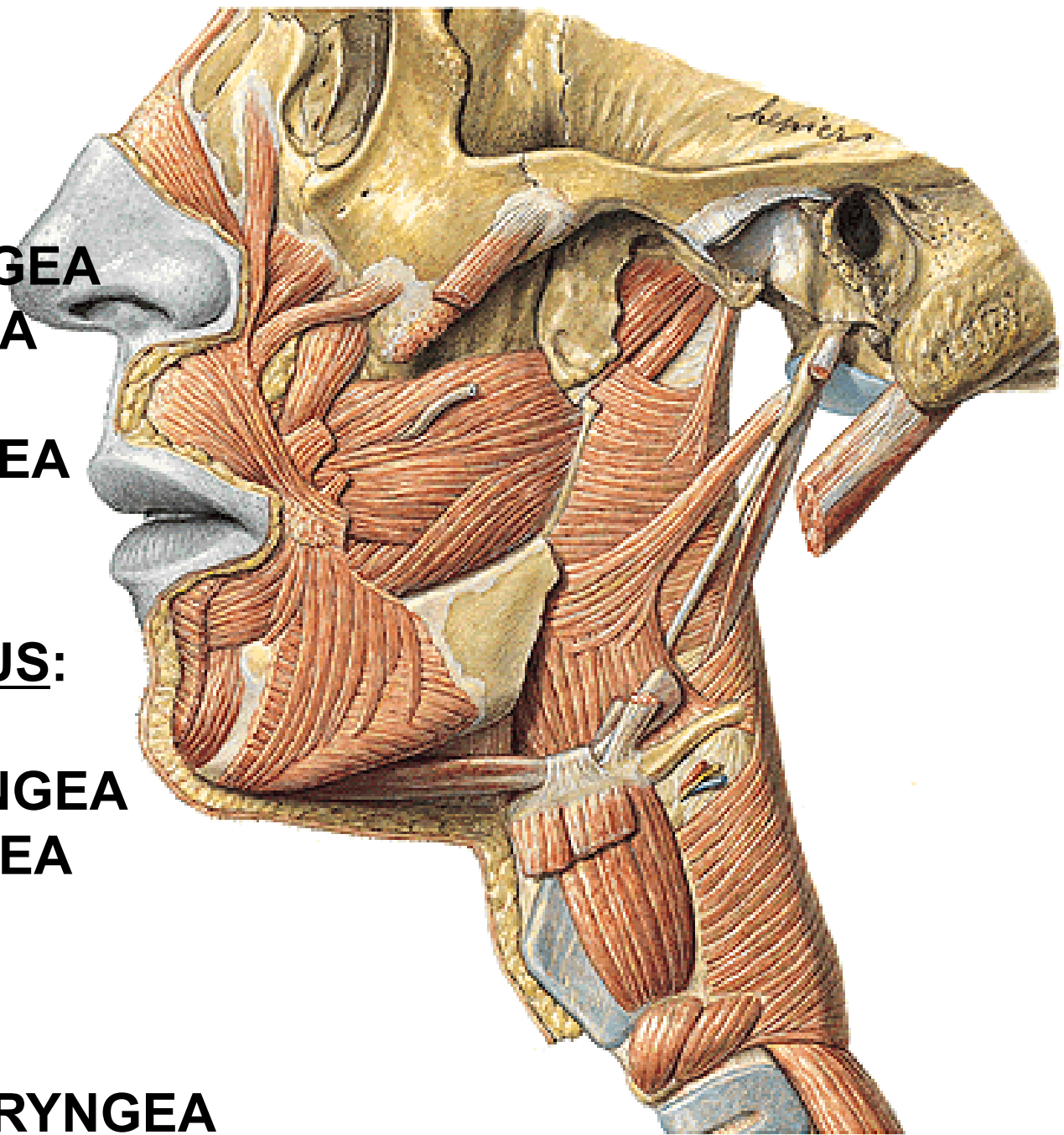
- PARS  
PTERYGOPHARYNGEA
- BUCCOPHARYNGEA
- MYLOPHARYNGEA
- GLOSSOPHARYNGEA

**M. CONSTRICTOR**  
**PHARYNGIS MEDIUS:**

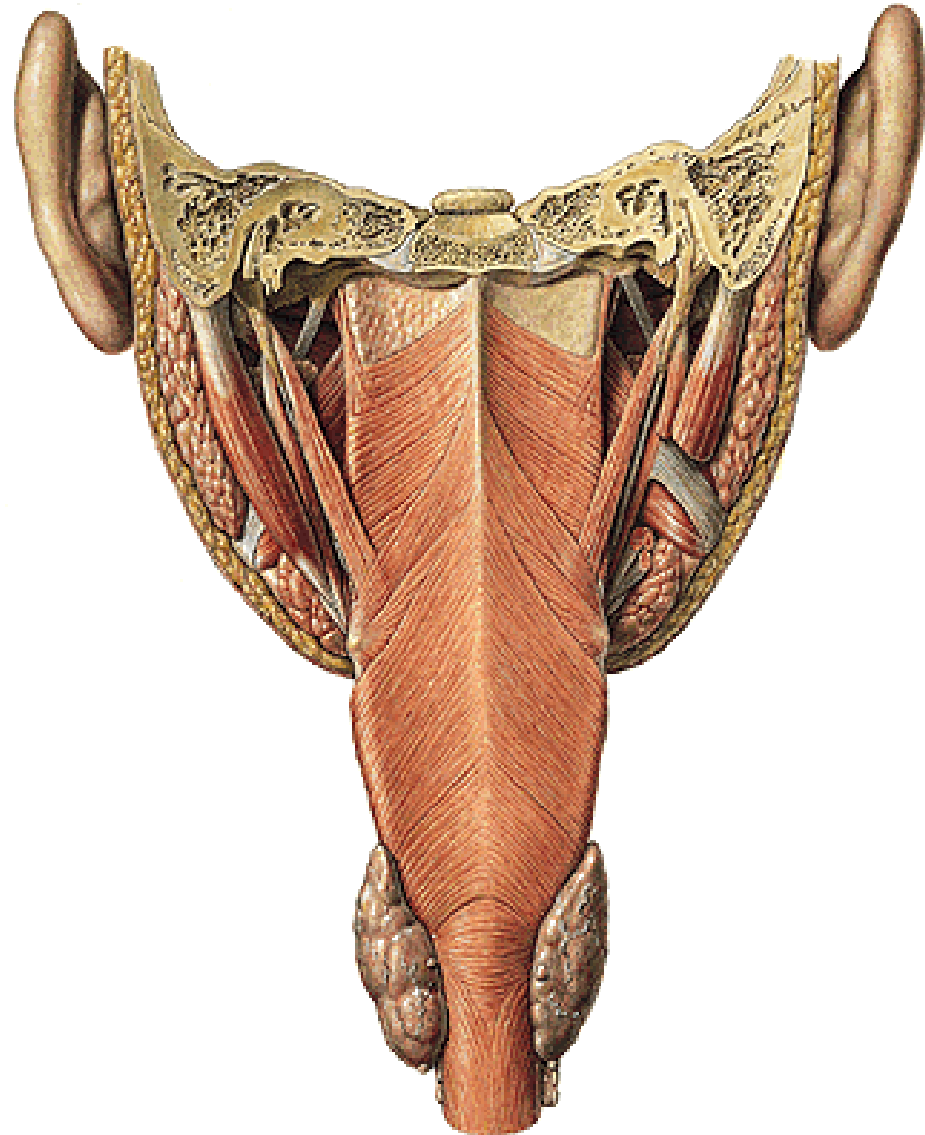
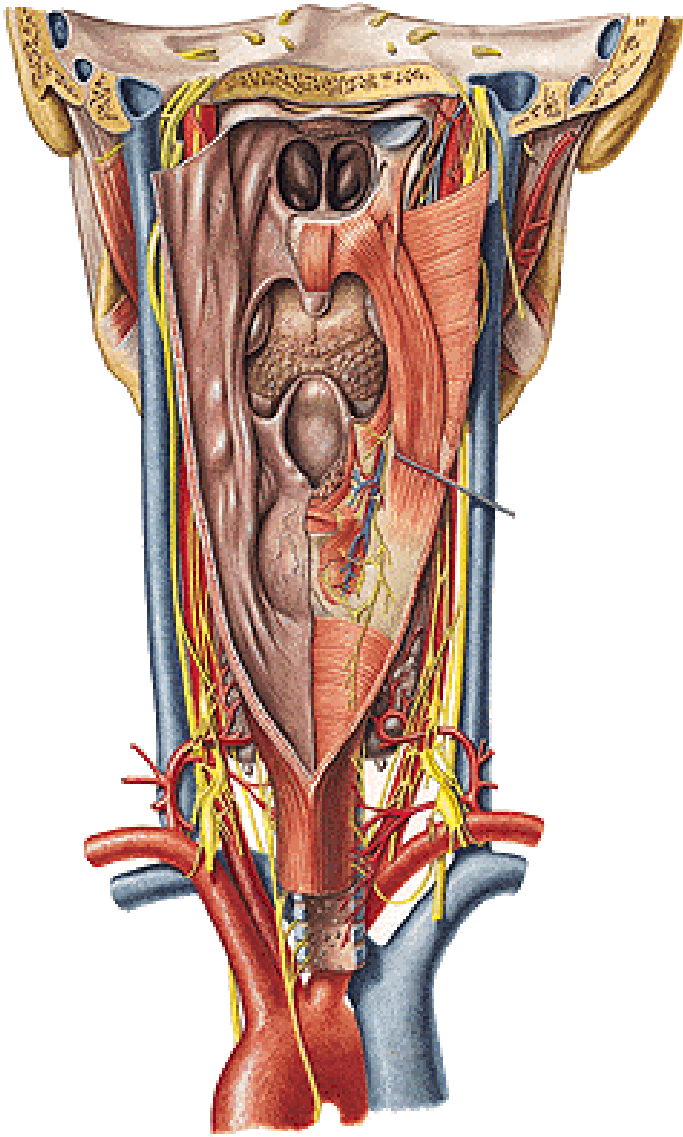
- PARS  
CHONDROPHARYNGEA
- CERATOPHARYNGEA

**M. CONSTRICTOR**  
**PHARYNGIS INF.:**

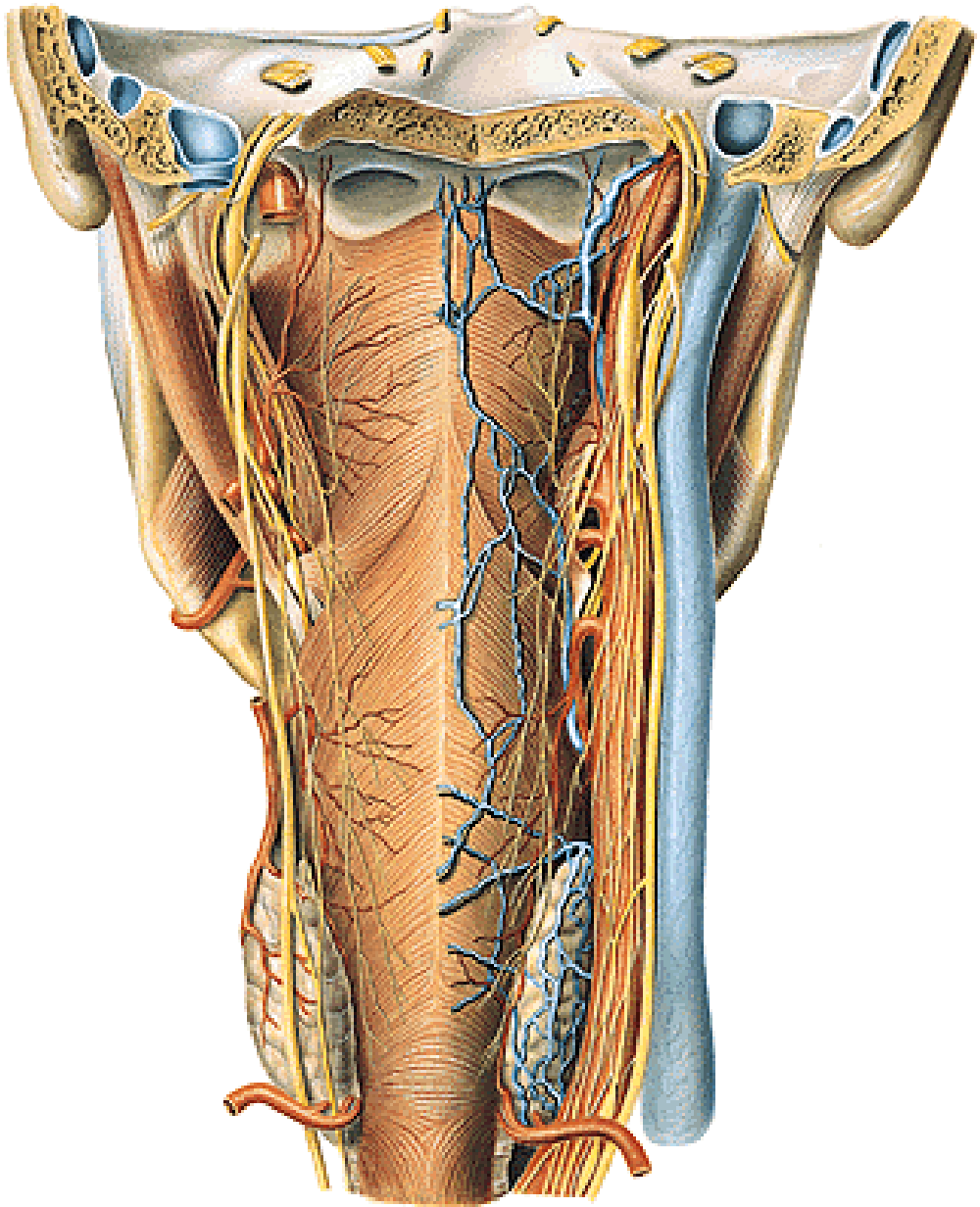
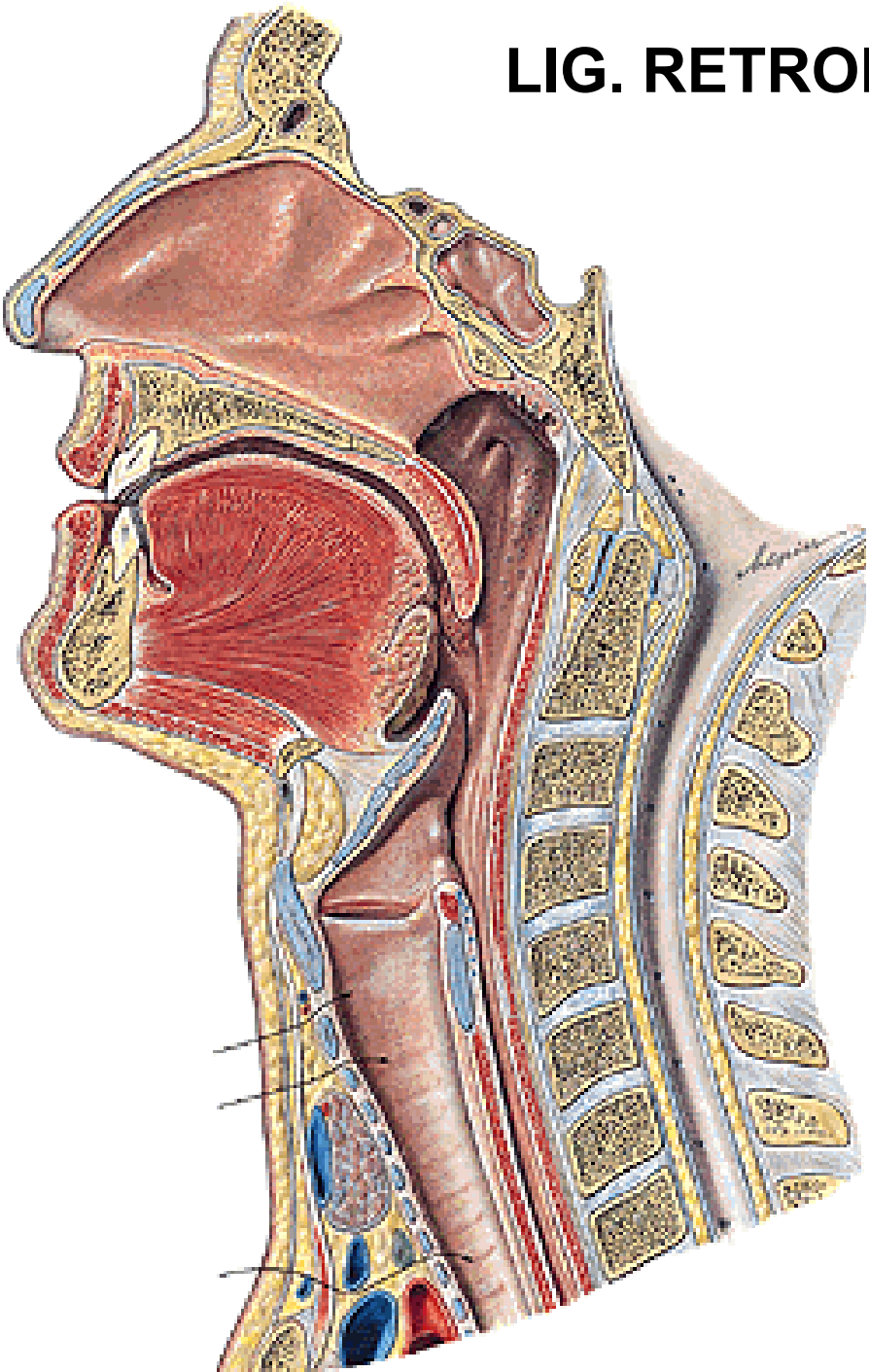
- PARS THYROPHARYNGEA
- CRICOPHARYNGEA



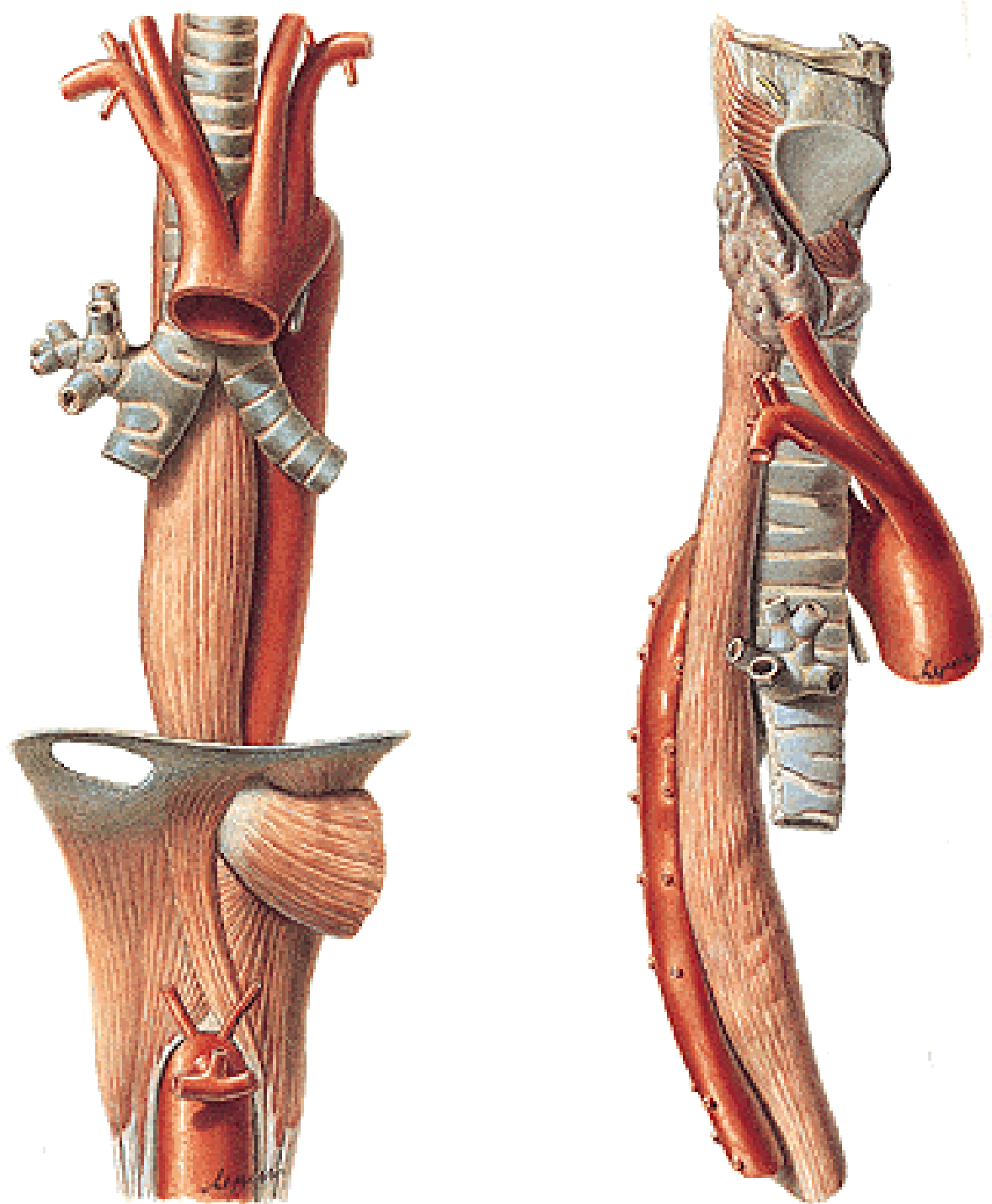
**LEVATORS: M. PALATOPHARYNGEUS  
M. SALPINGOPHARYNGEUS  
M. STYLOPHARYNGEUS**



# LIG. RETROPHARYNGEUM MEDIANUM



# OESOPHAGUS

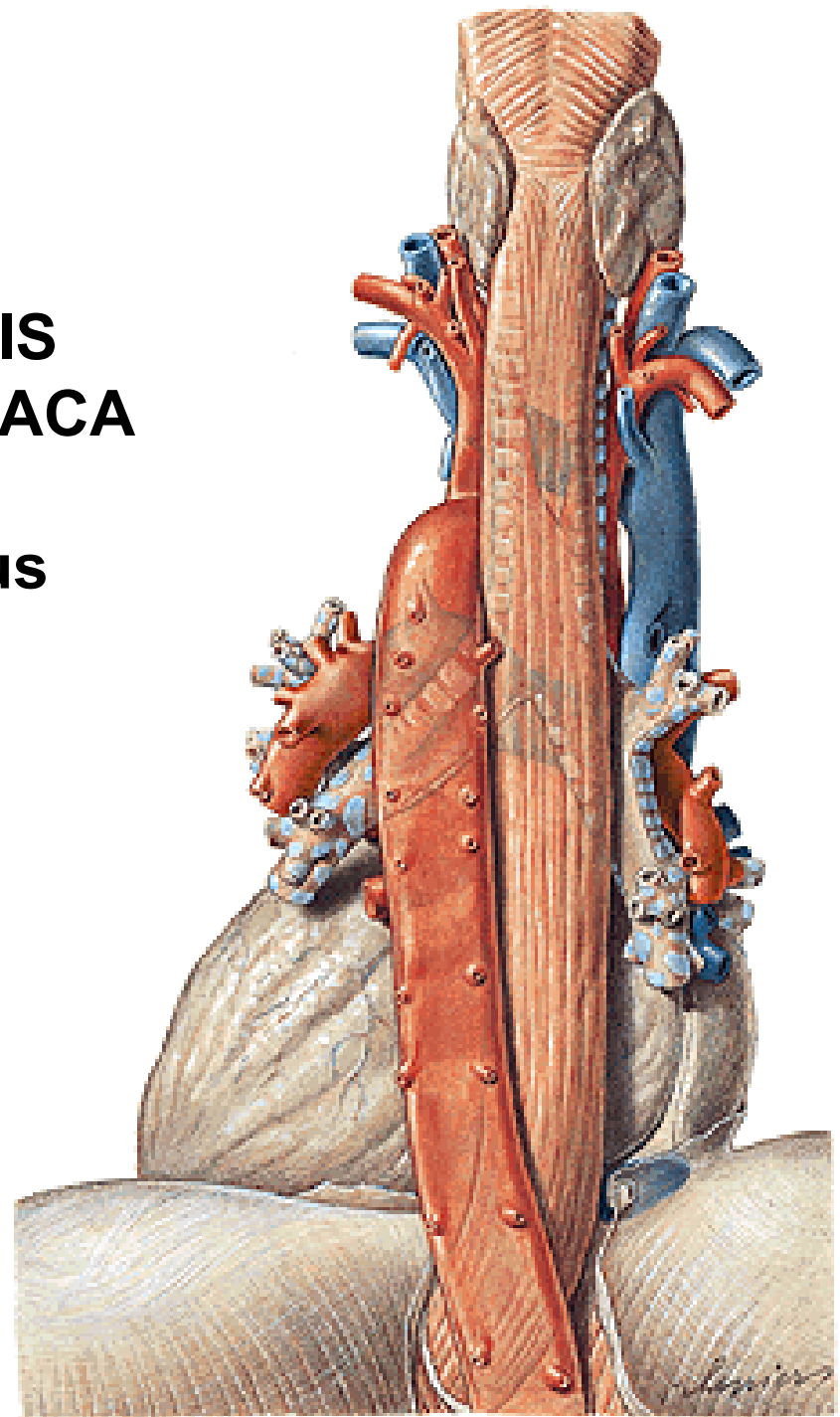


# PARS CERVICALIS

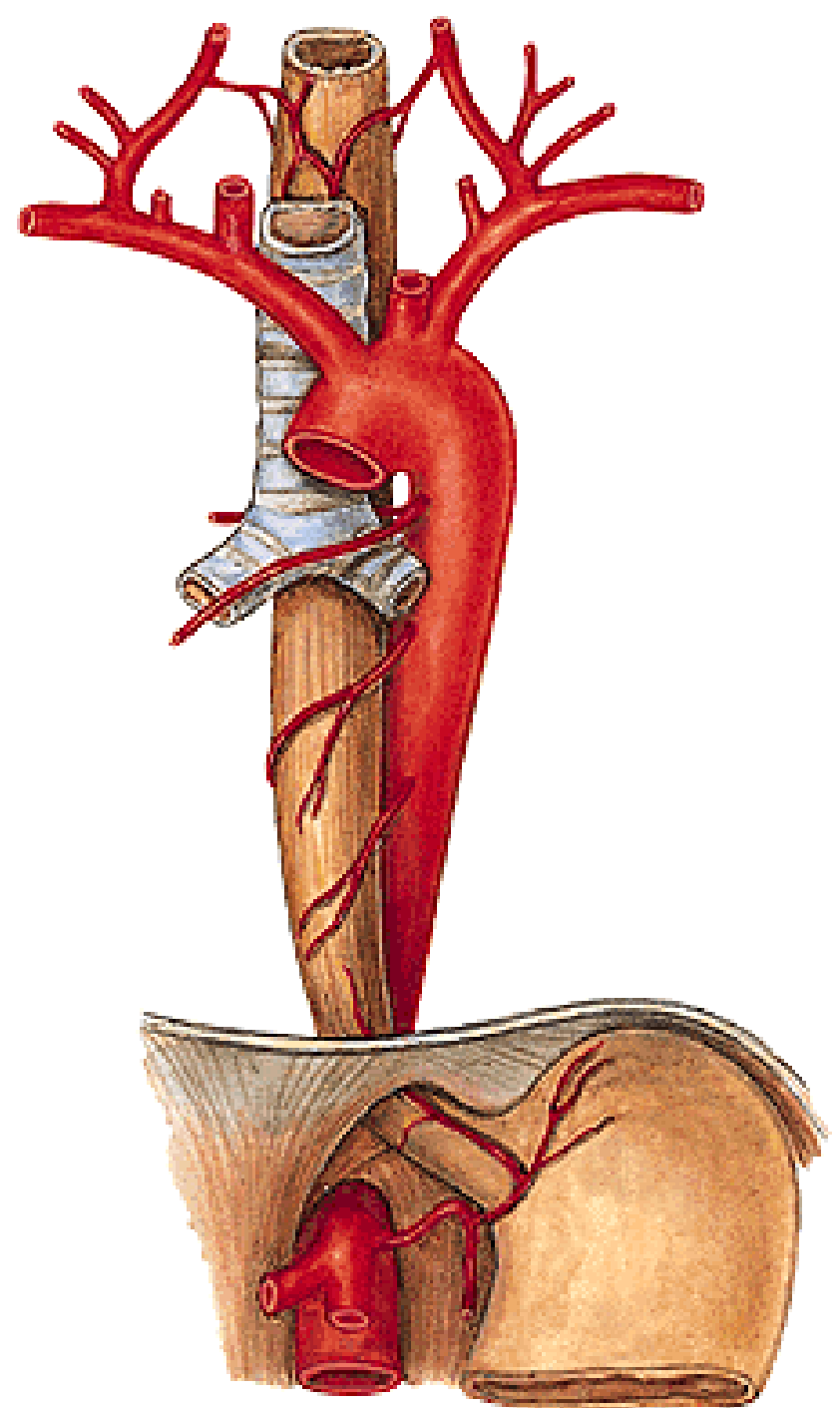
## PARS THORACICA

- PARS RETROTRACHEALIS
- PARS RETROPERICARDIACA

## Recessus retrooesophageus

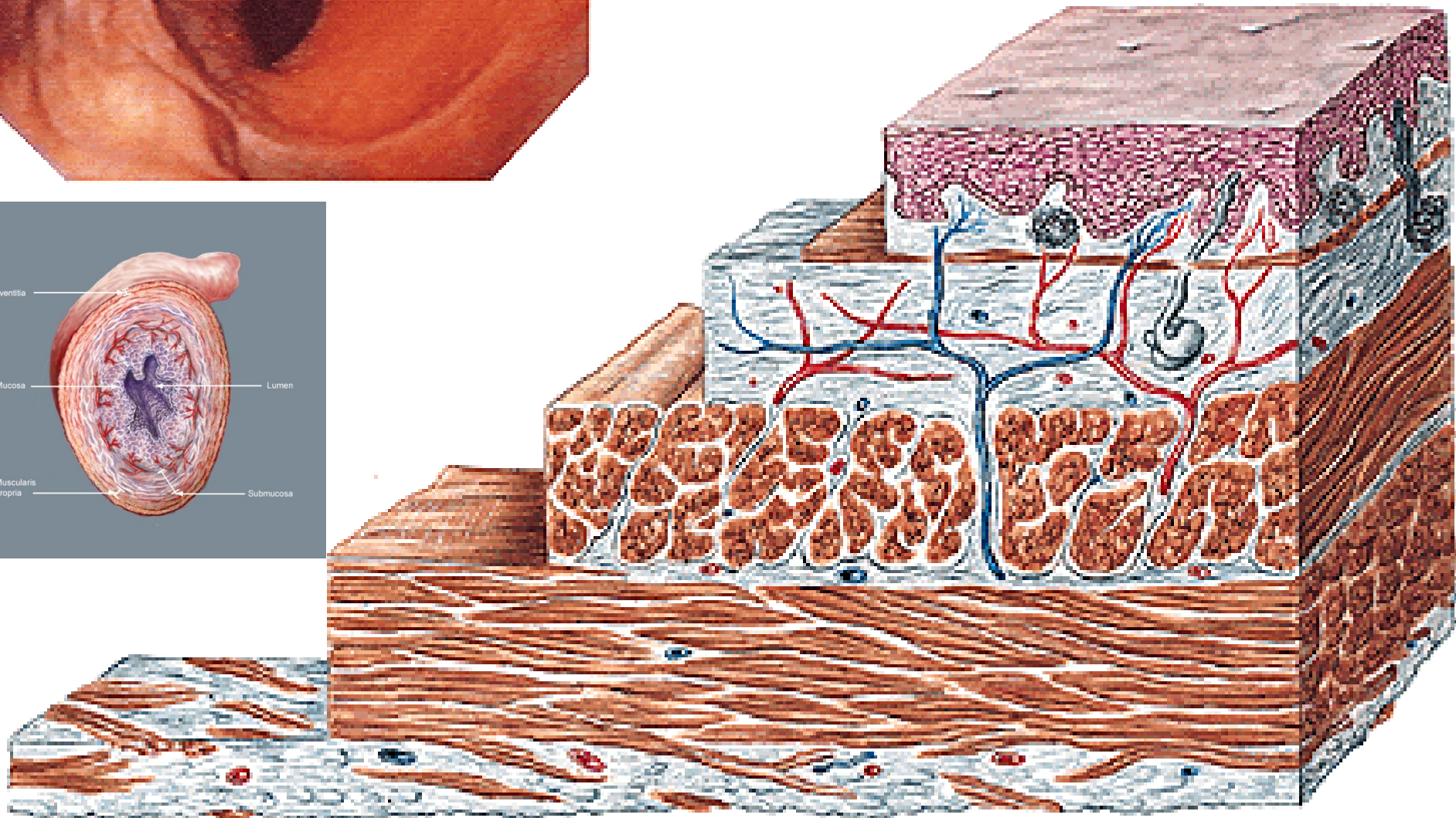
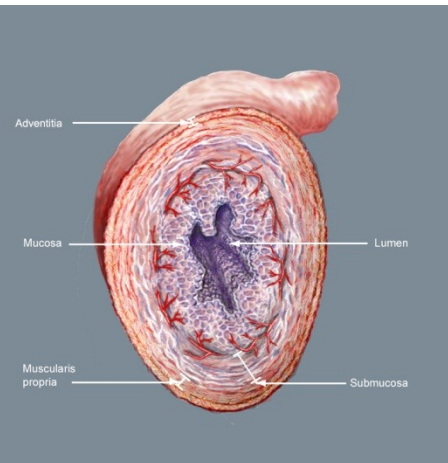
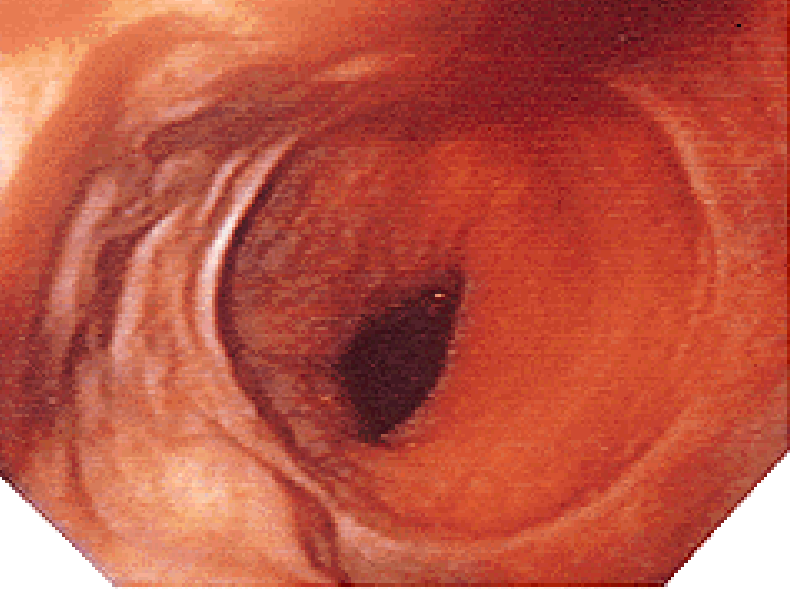


# PARS ABDOMINALIS





# GASTROESOPHAGEAL JUNCTION

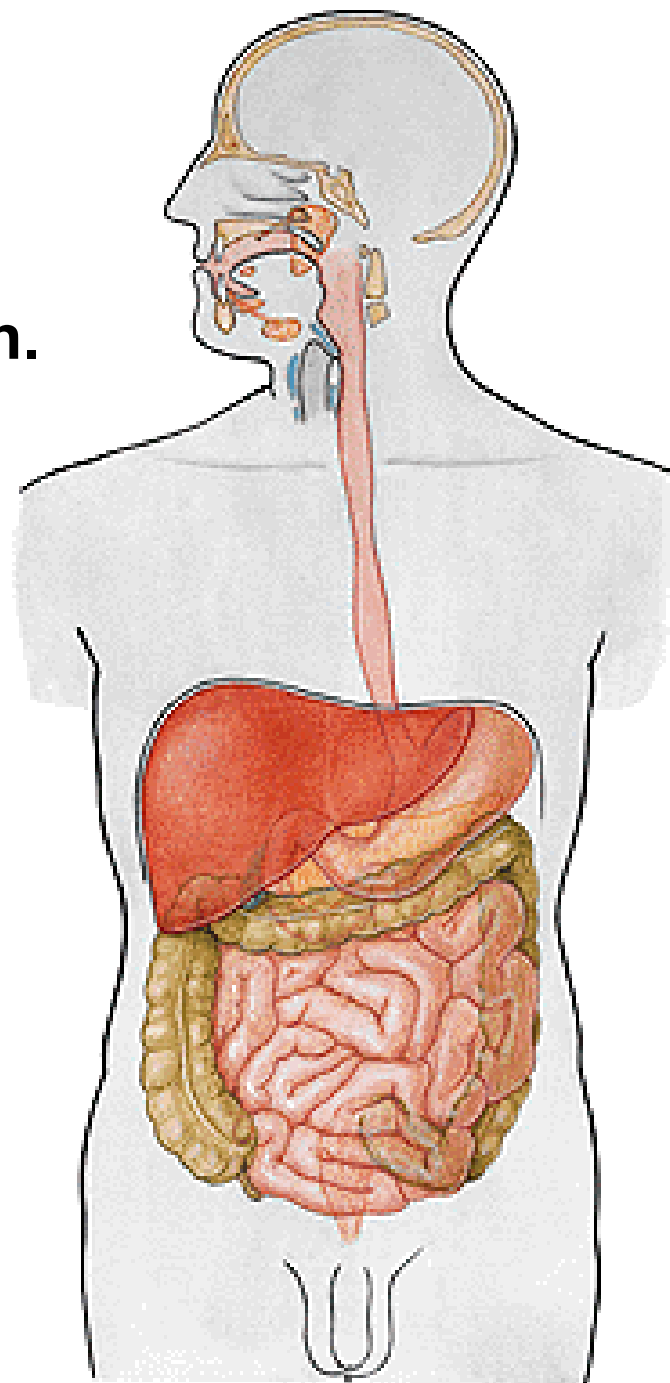
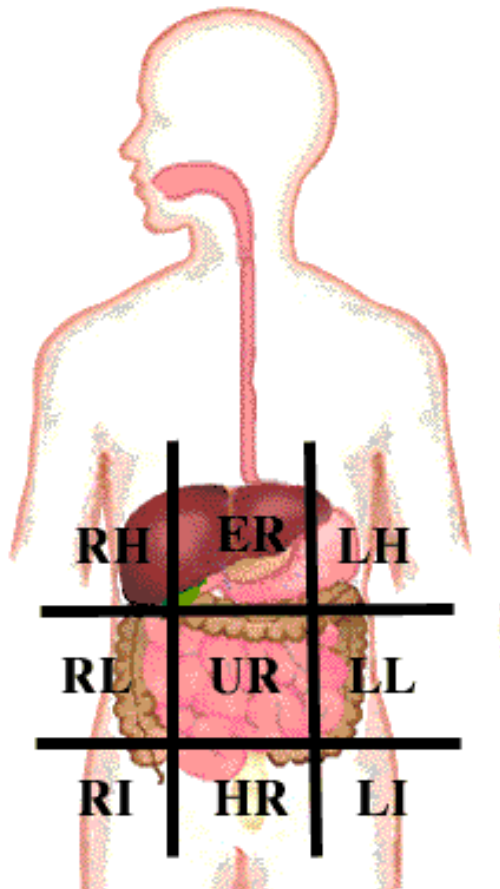


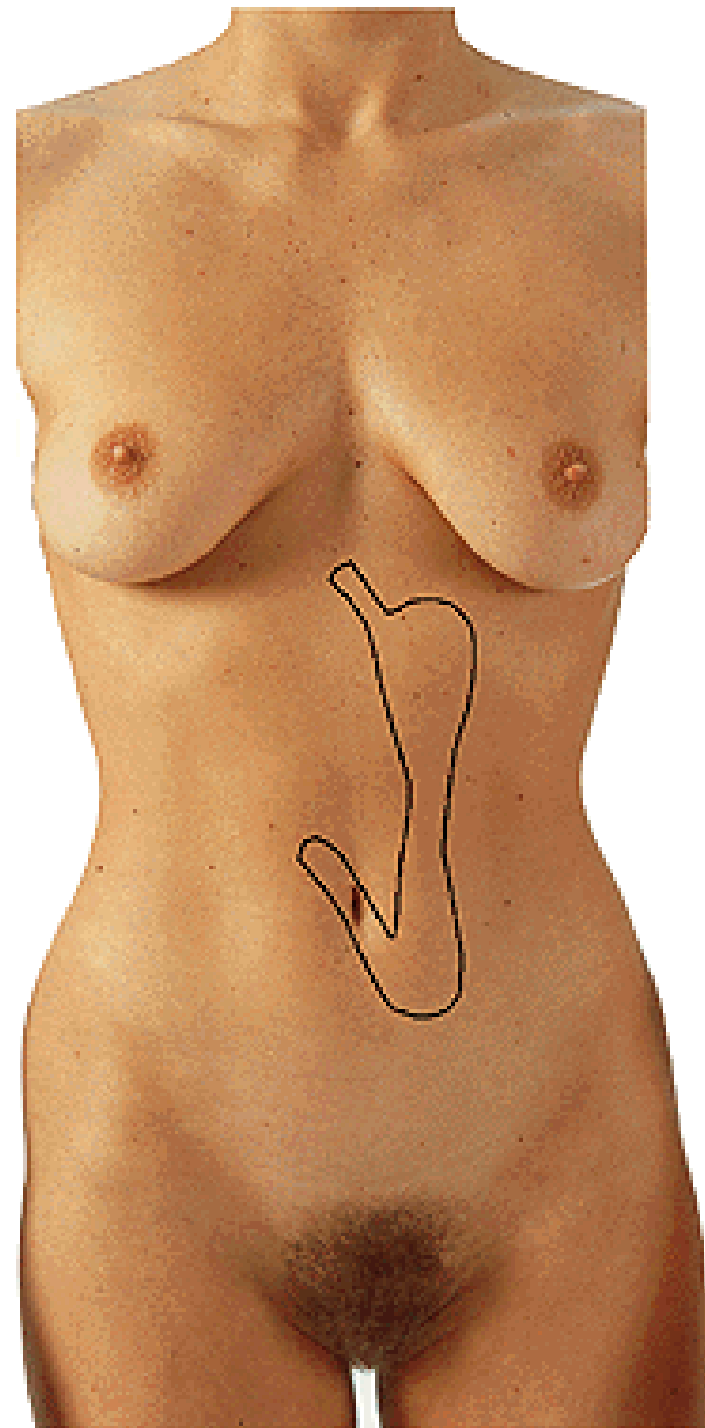
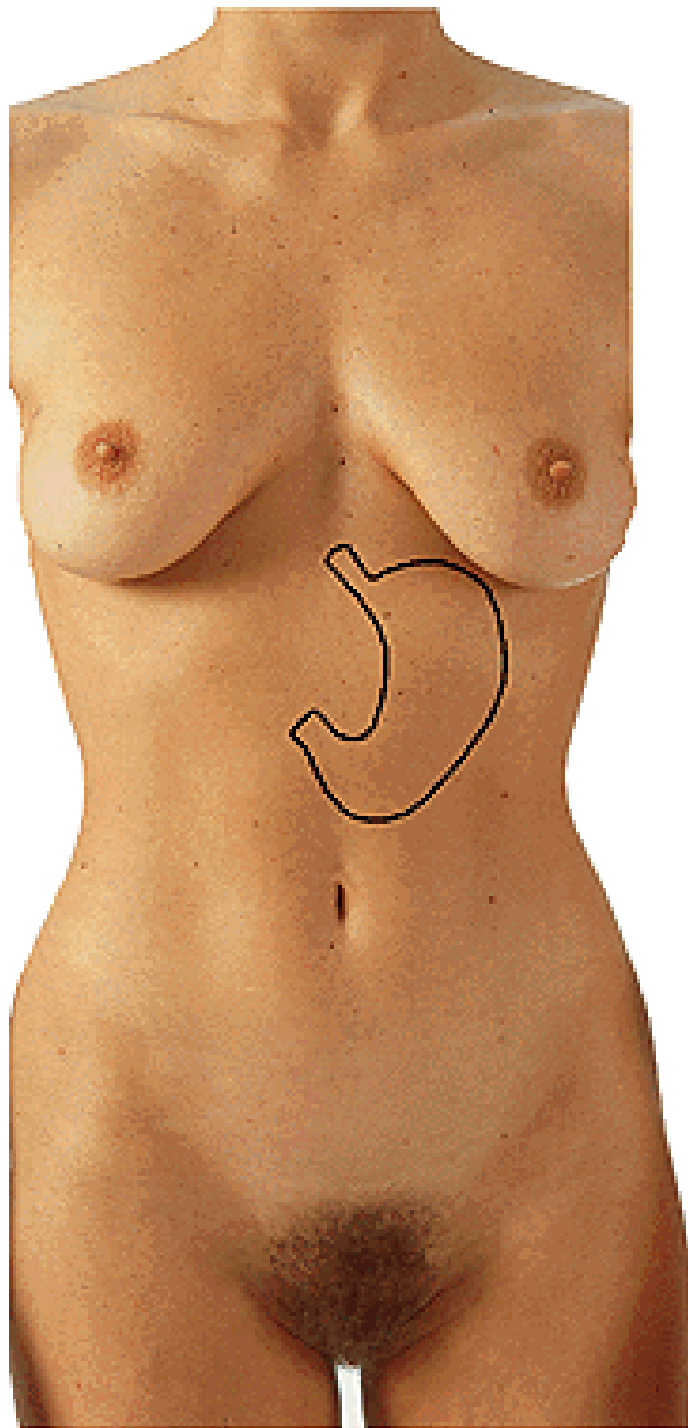
# OESOPHAGOGRAPHY



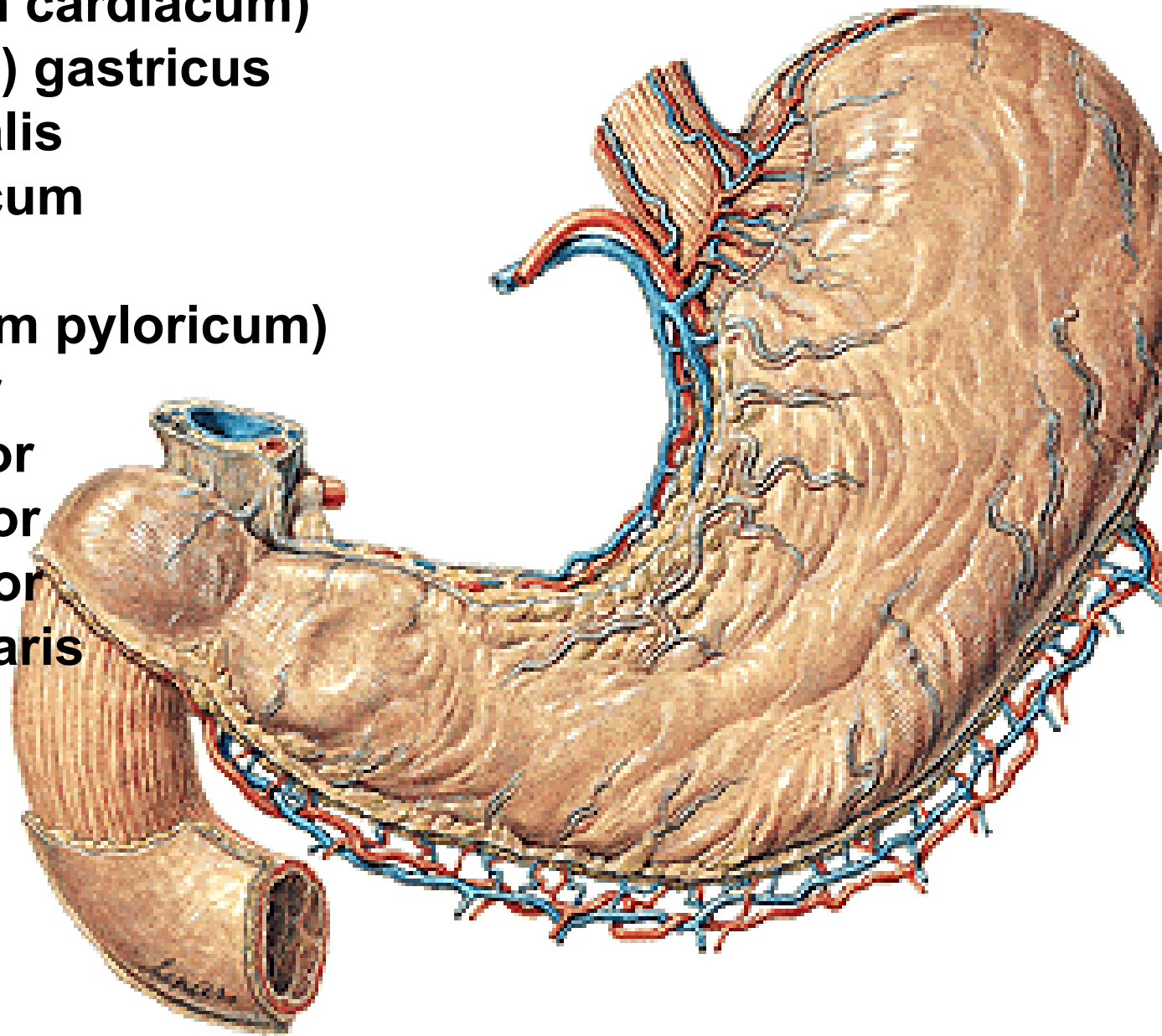
# GASTER

Regio hypochondriaca sin.  
Chymus

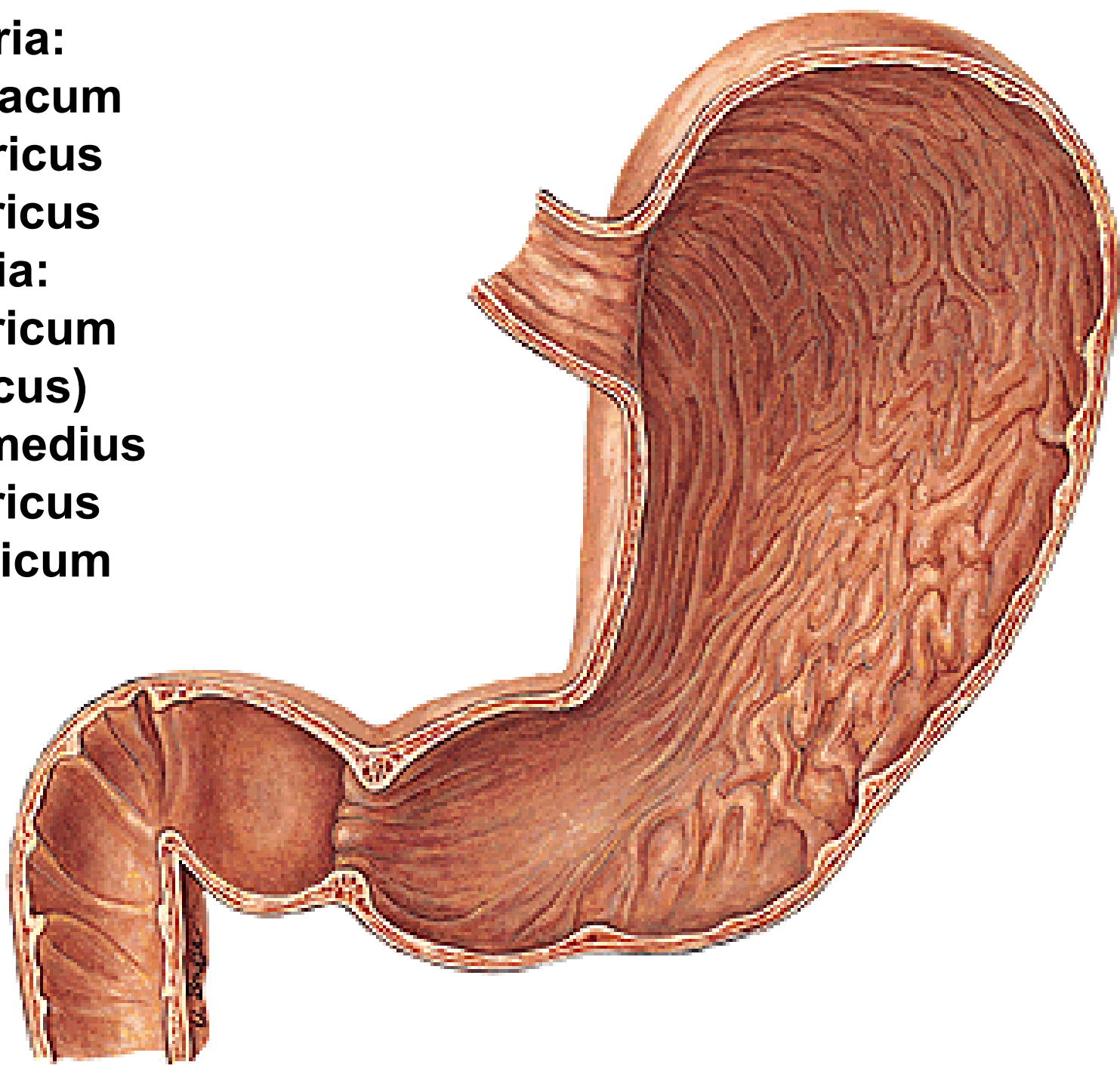




**Cardia (Ostium cardiacum)**  
**Fornix (fundus) gastricus**  
**Incisura cardialis**  
**Corpus gastricum**  
**Pars pylorica**  
**Pylorus (Ostium pyloricum)**  
**Paries anterior**  
**Paries posterior**  
**Curvatura major**  
**Curvatura minor**  
**Incisura angularis**



**Pars digestoria:**  
**Ostium cardiacum**  
**Fundus gastricus**  
**Canalis gastricus**  
**Pars egestoria:**  
**Antrum pyloricum**  
**(sinus gastricus)**  
**Sulcus intermedius**  
**Canalis pyloricus**  
**Ostium pyloricum**



**Plicae gastricae**

**Sulcus salivarius**

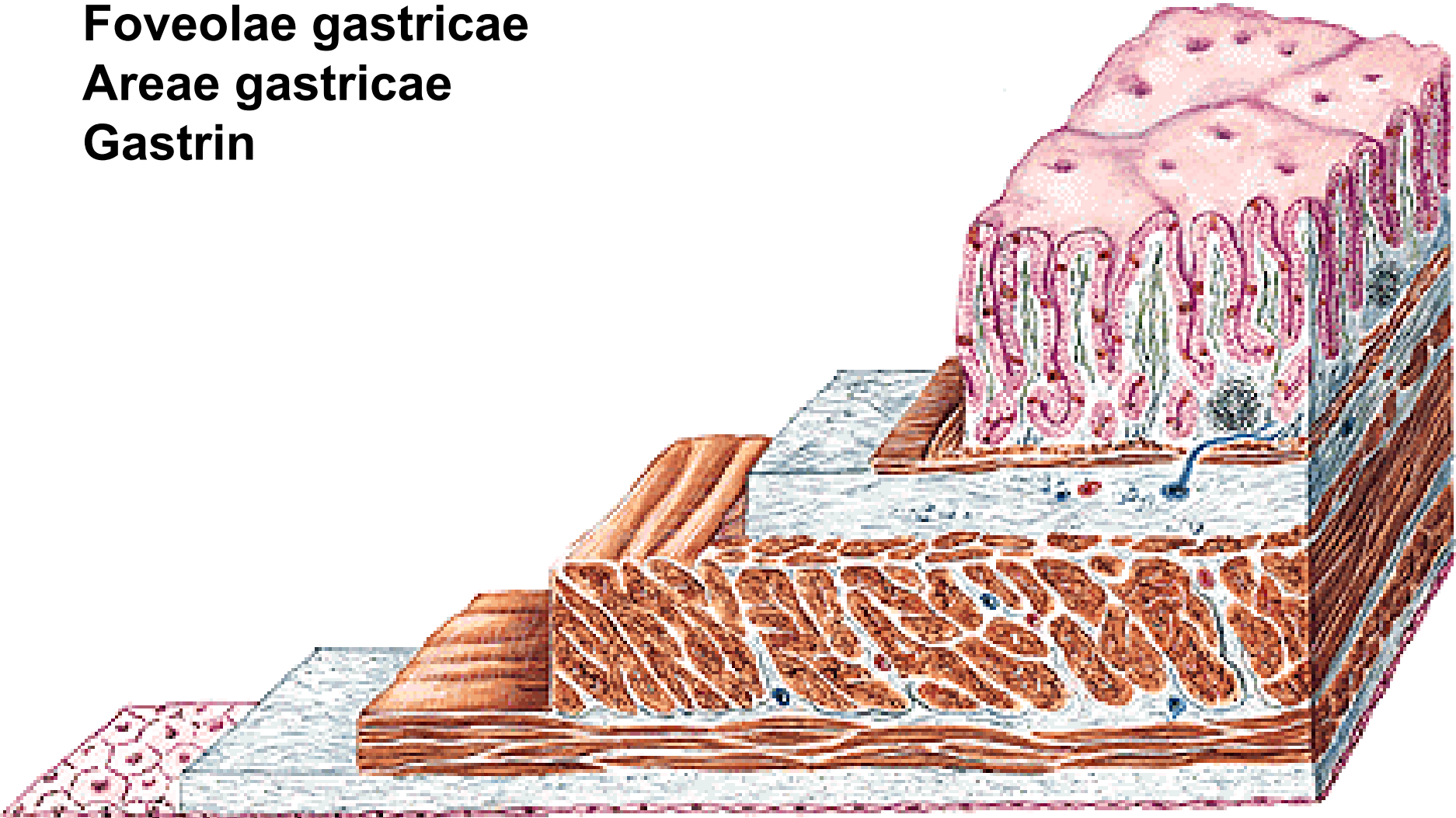
**Glandulae gastricae - mucus**

**- succus gastricus**

**Foveolae gastricae**

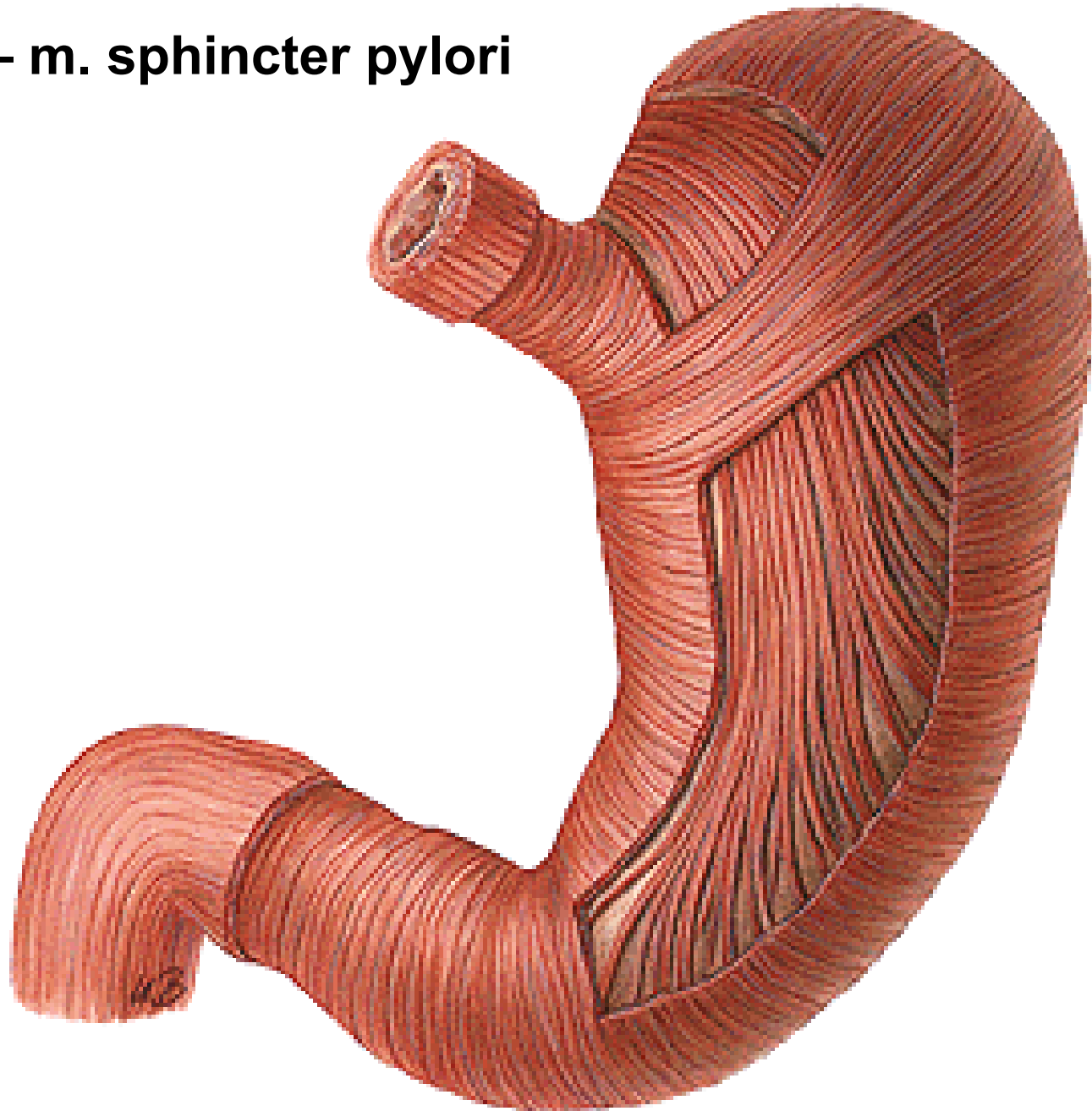
**Areae gastricae**

**Gastrin**



**Fibrae obliquae**

**Stratum circulare – m. sphincter pylori**

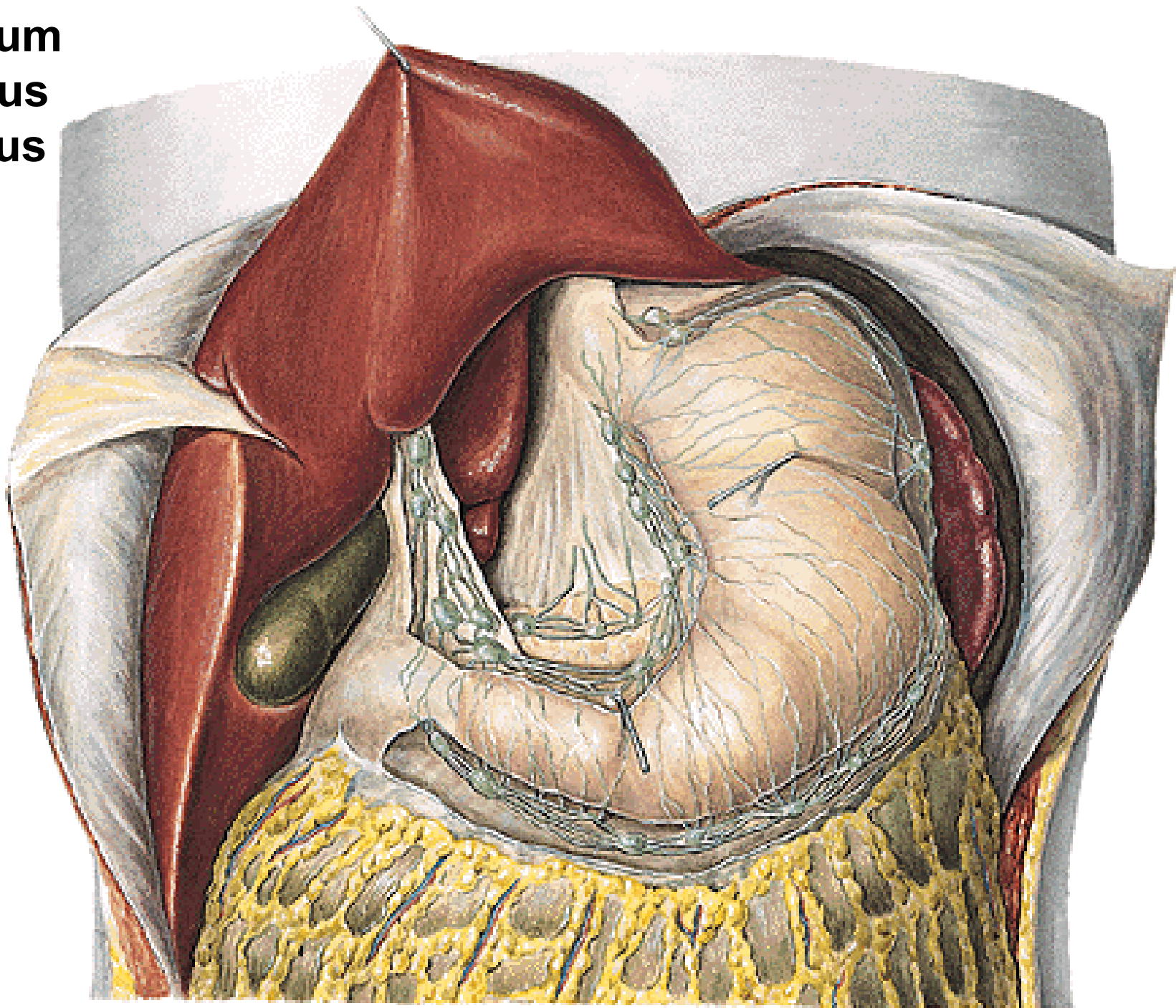




# Stratum longitudinale

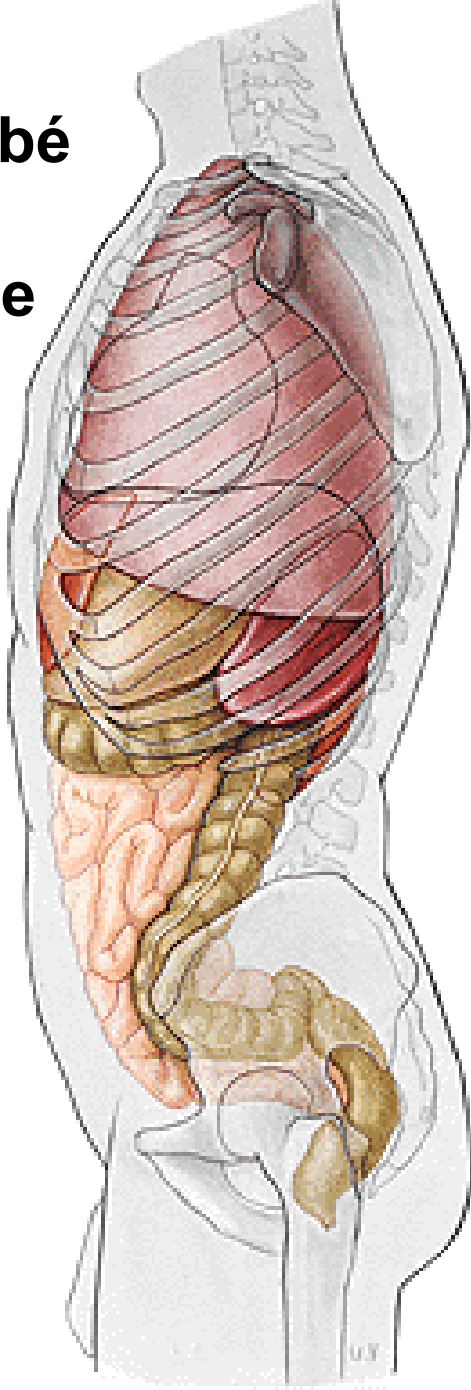
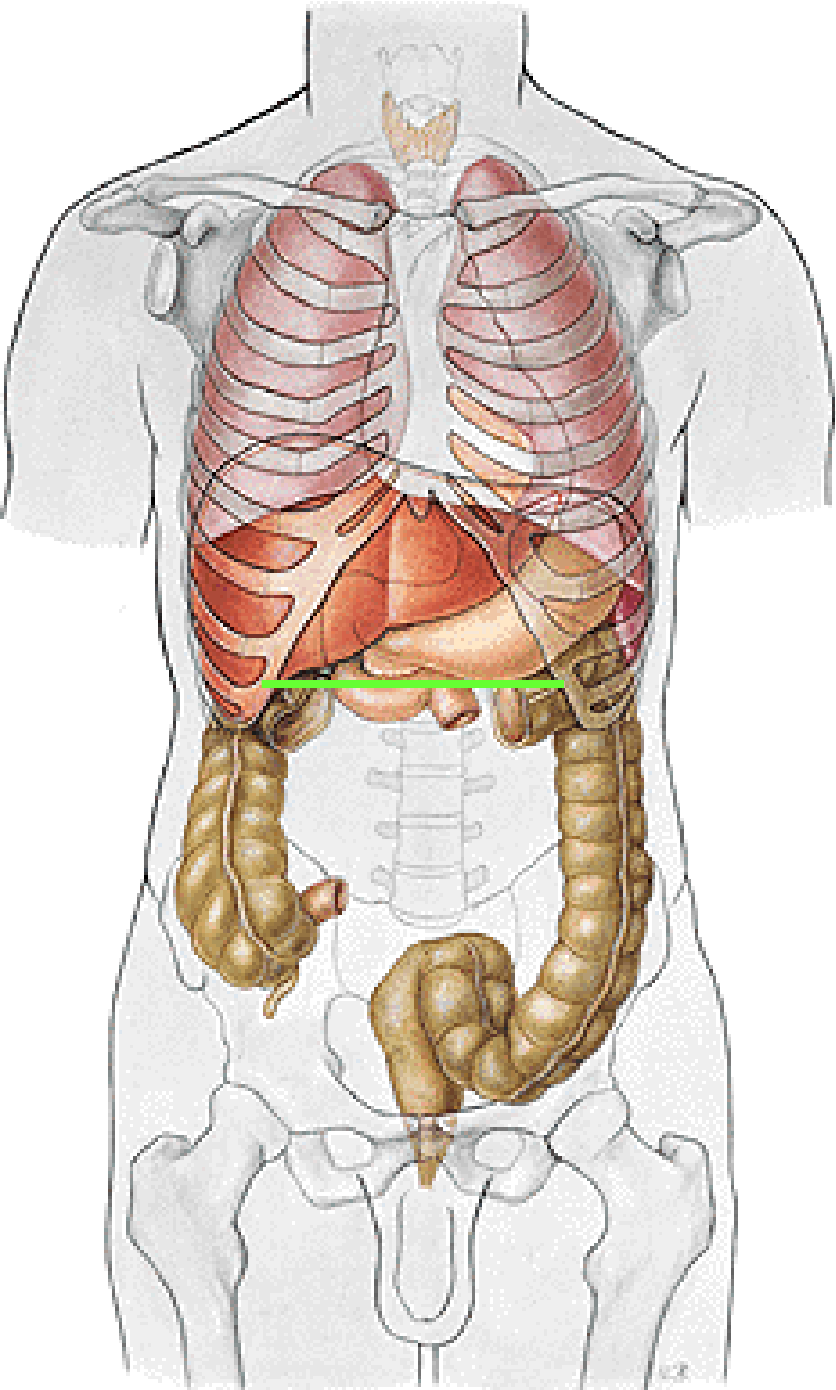


**Omentum**  
**- minus**  
**- majus**

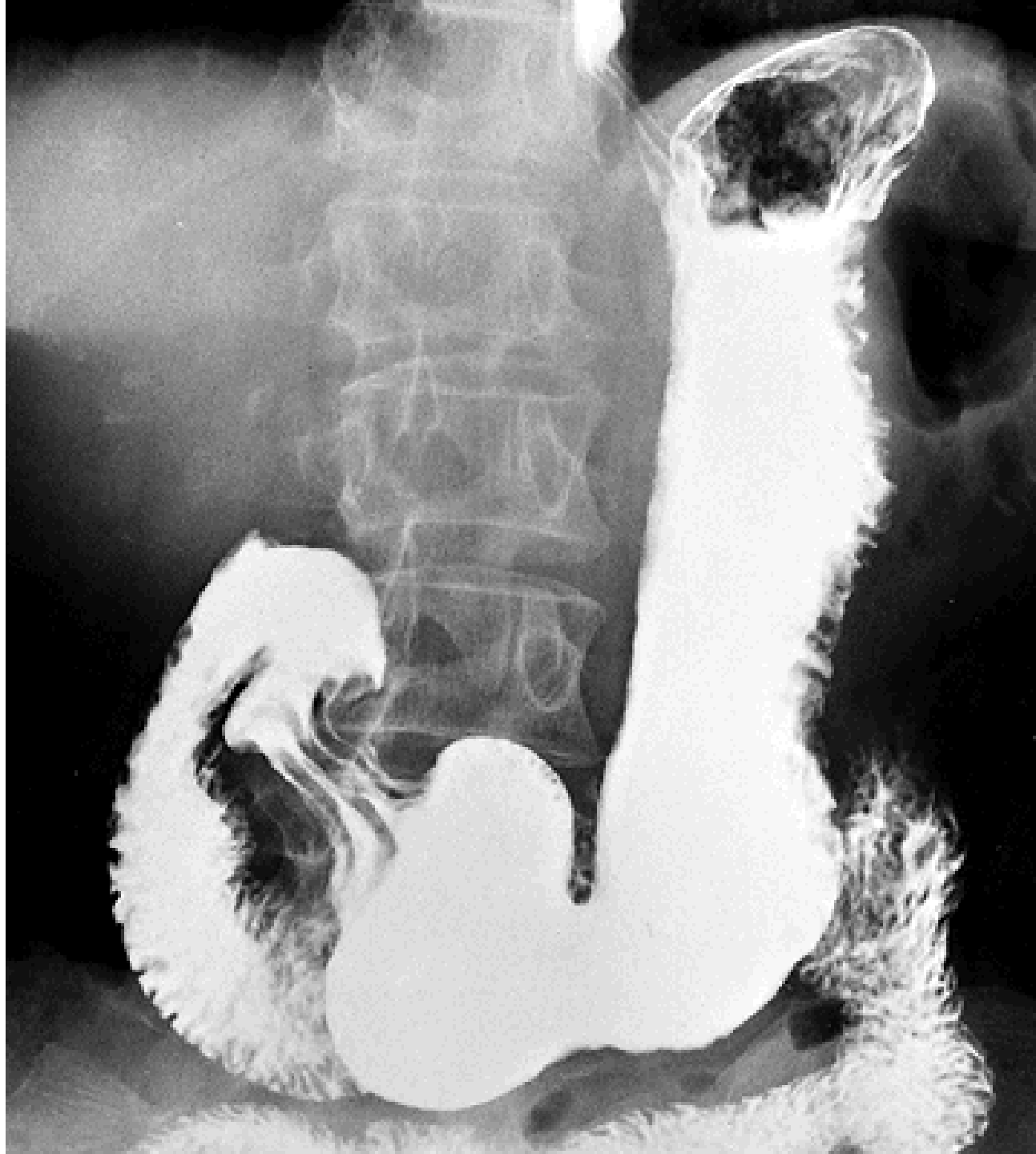


# Triangle of Labbé

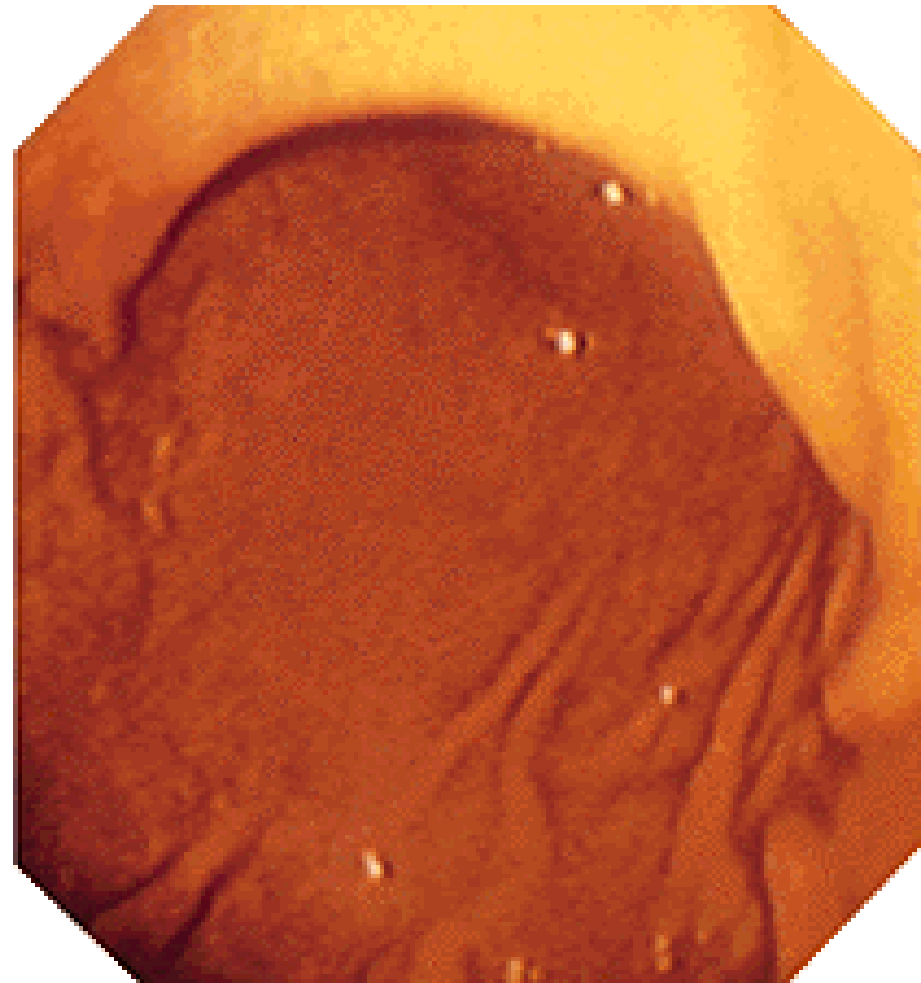
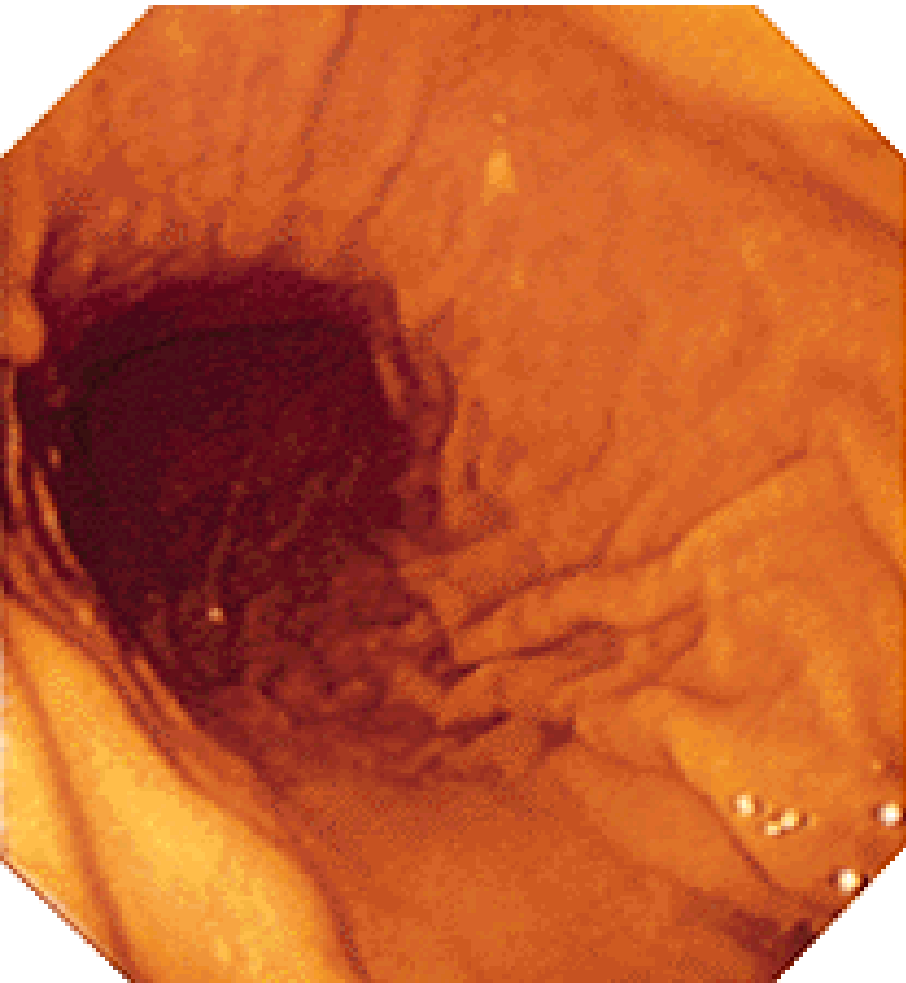
transpyloric line

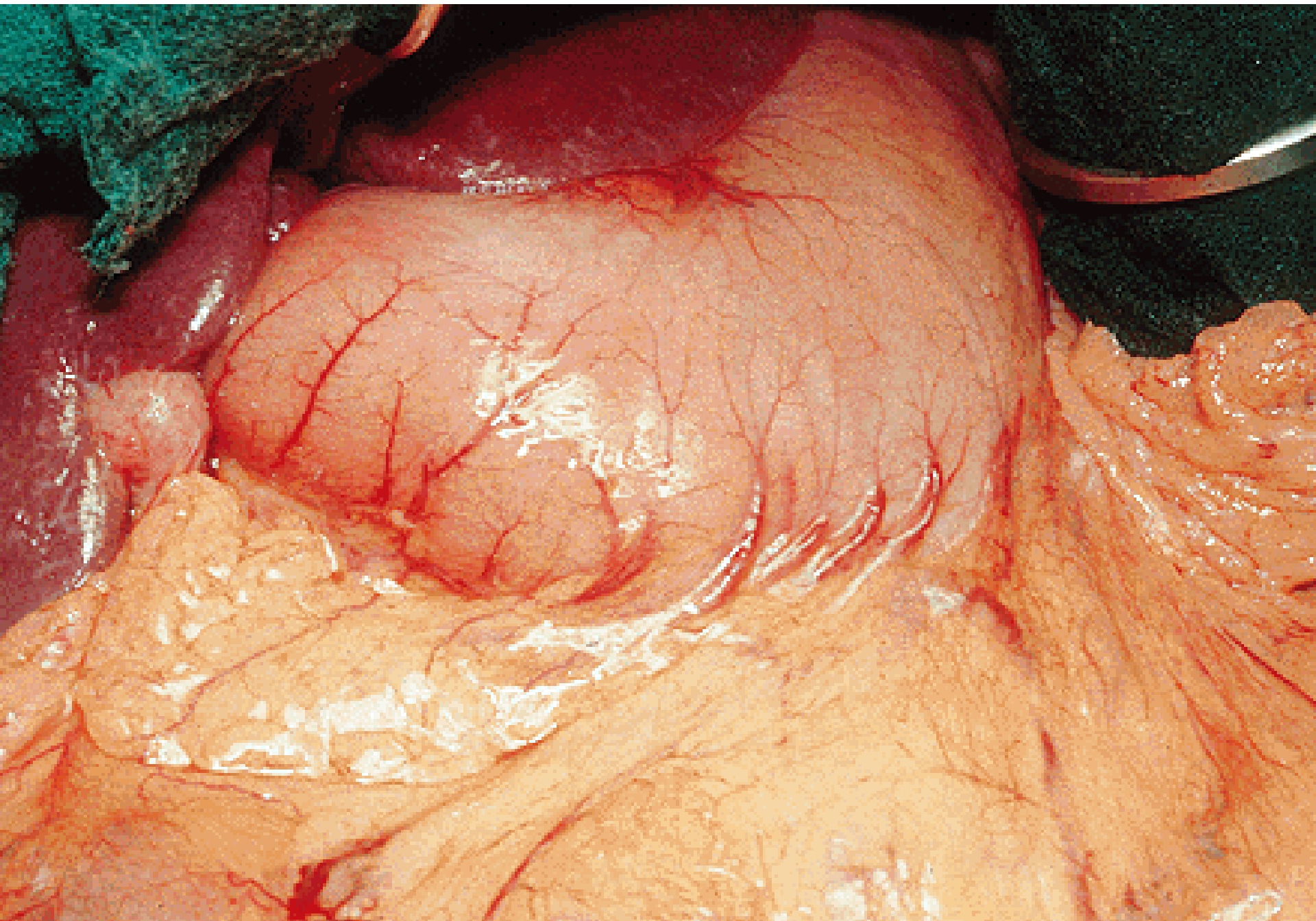


**Incisura angularis**  
**Pars digestoria**  
**Pars egestoria**



# Gastroscopy

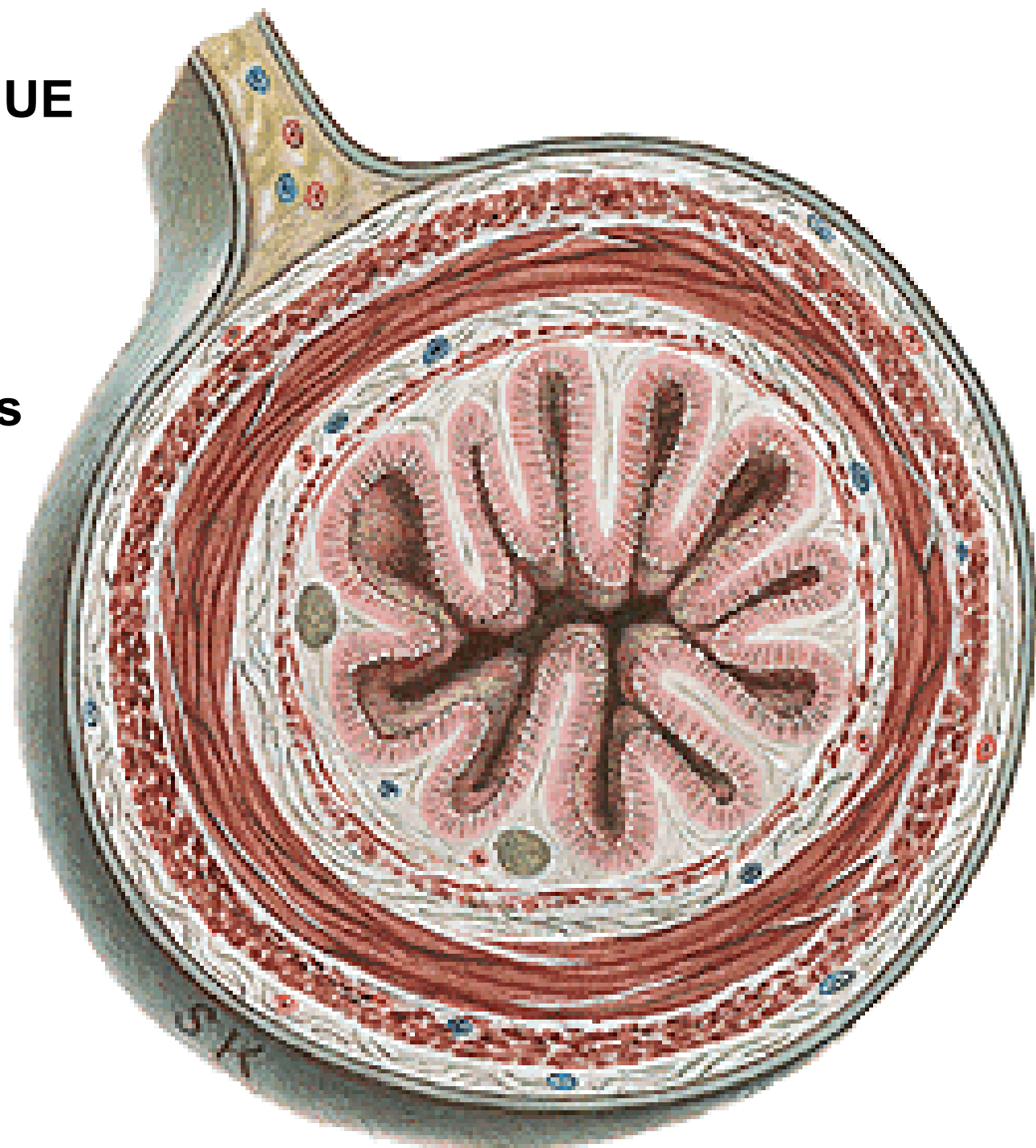




# INTESTINUM TENUE

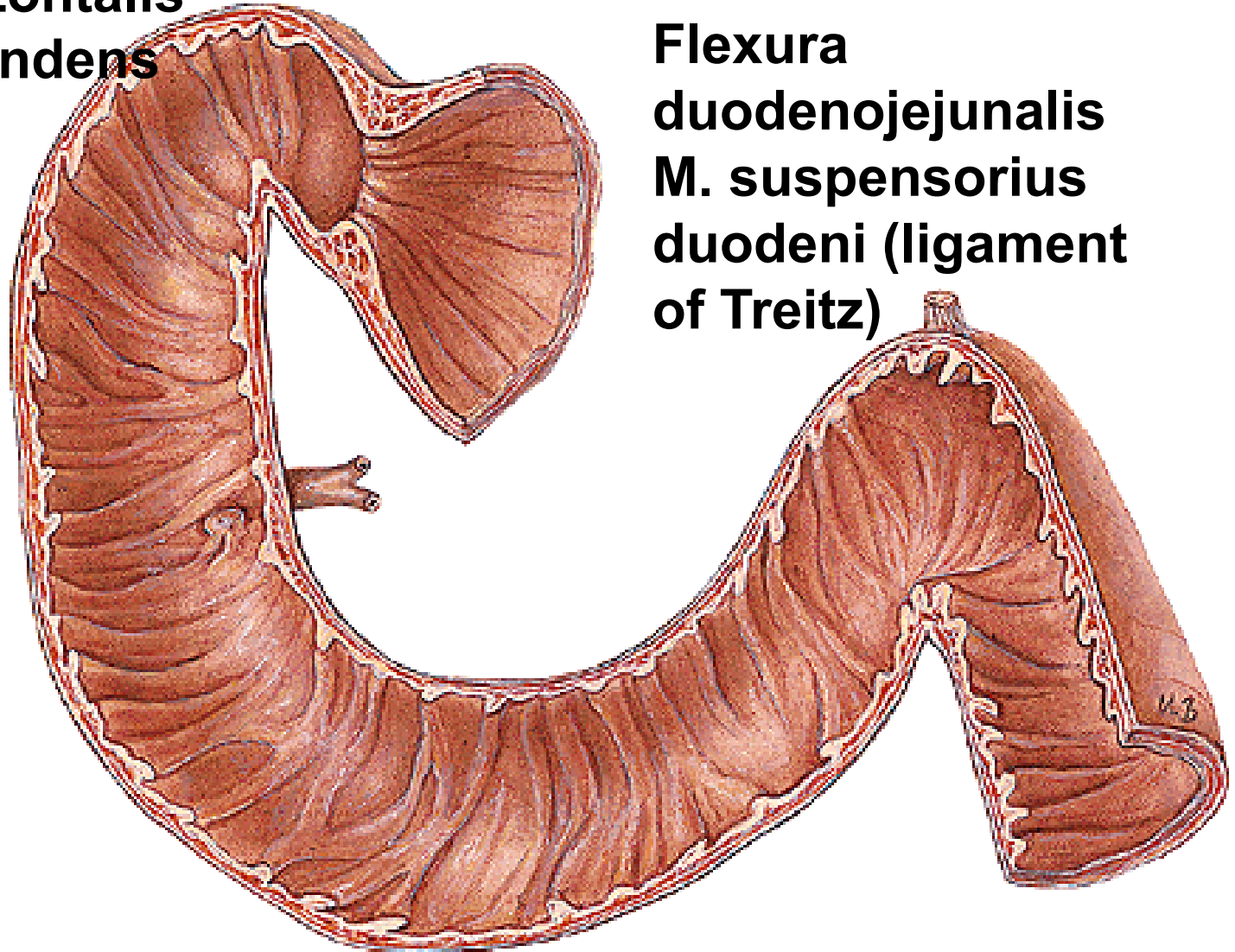
- duodenum
- jejunum
- ileum

**Ansae intestinales**  
**Mesenterium**



# DUODENUM (duodecim /.)

- pars superior (bulbus duodeni), flexura duodeni sup
- pars descendens, flexura duodeni inf.
- pars horizontalis
- pars ascendens



**Flexura  
duodenojejunalis  
M. suspensorius  
duodeni (ligament  
of Treitz)**

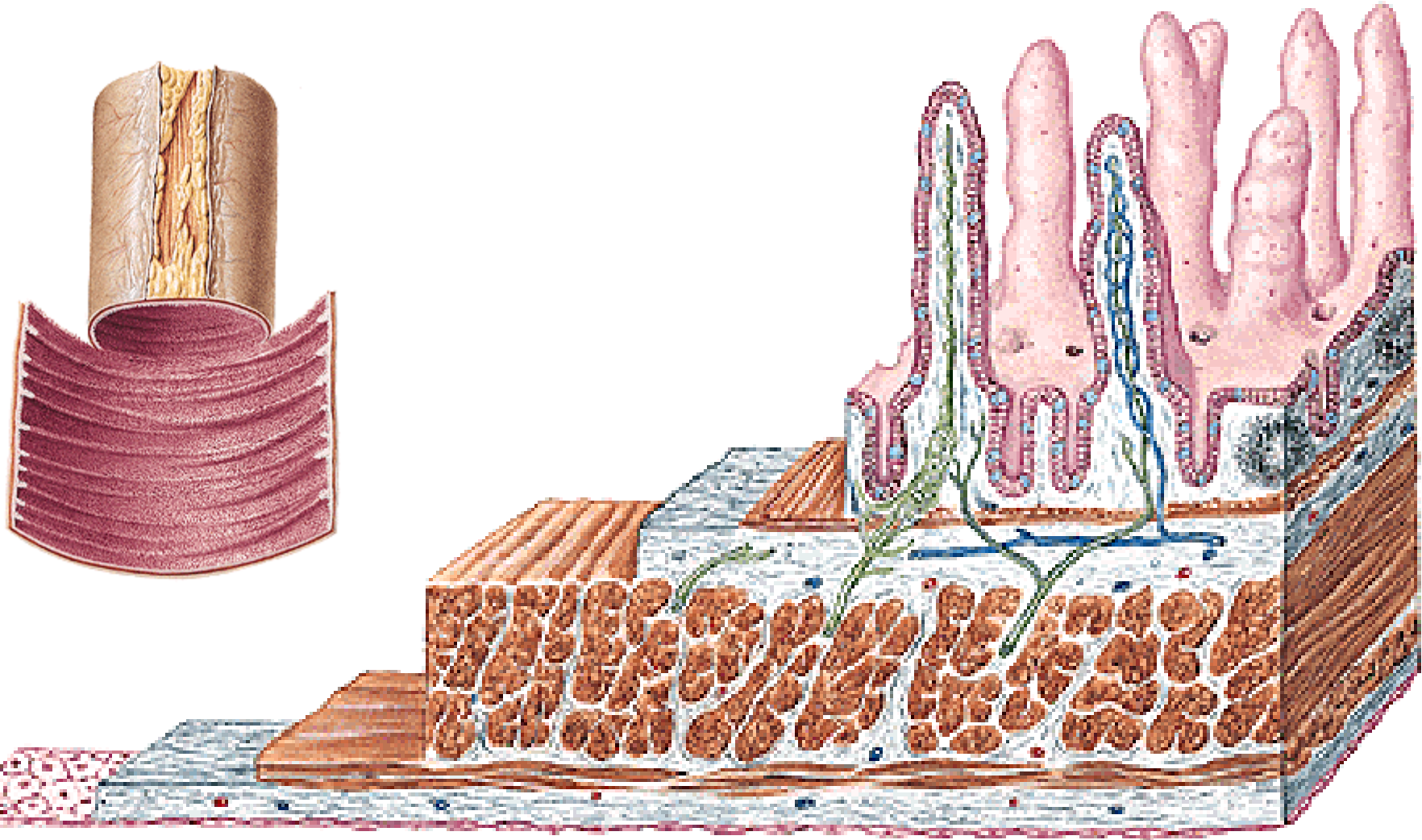


**Plicae circulares Kerkringi**

**Villi intestinales**

**Glandulae intestinales – crypts of Lieberkuehn**

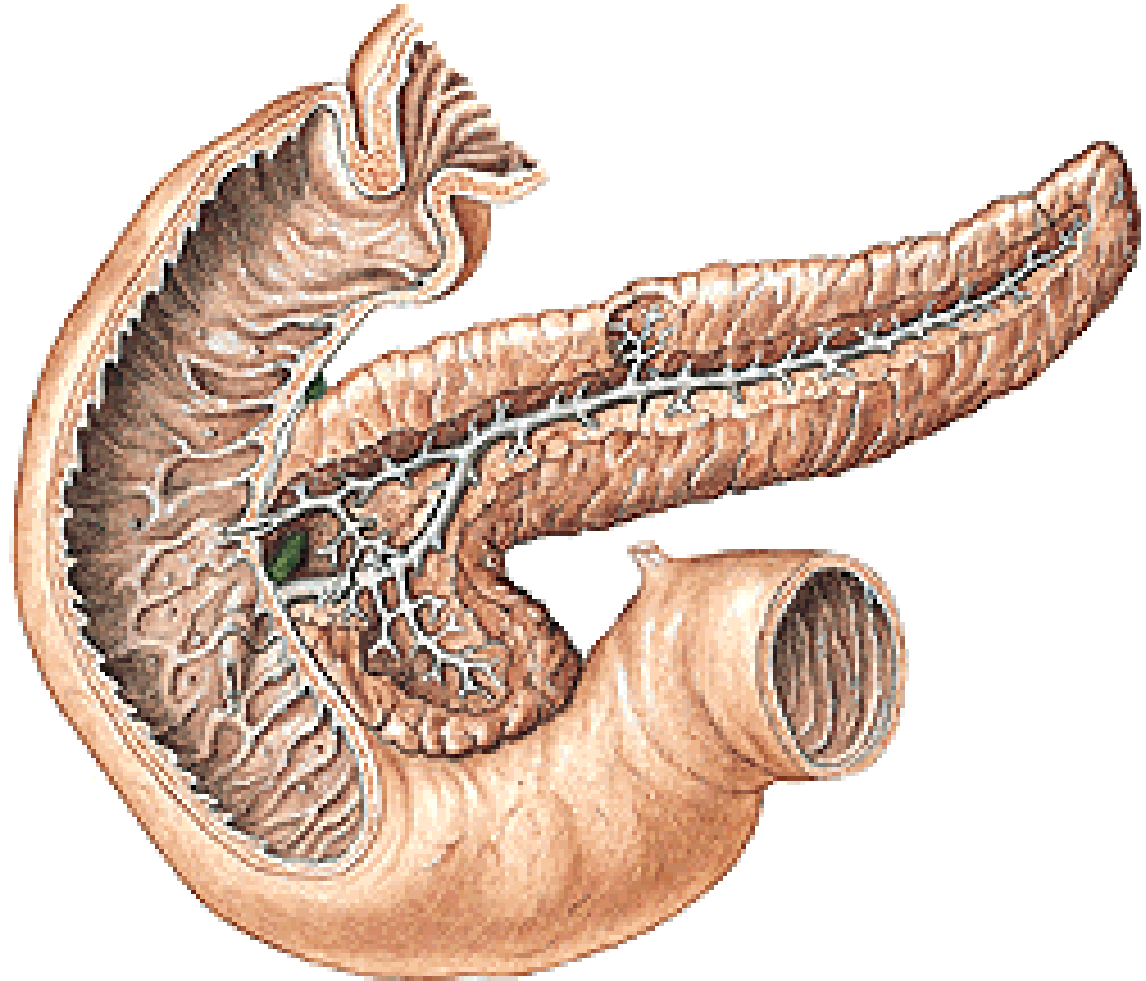
**Glandulae duodenales Brunneri**



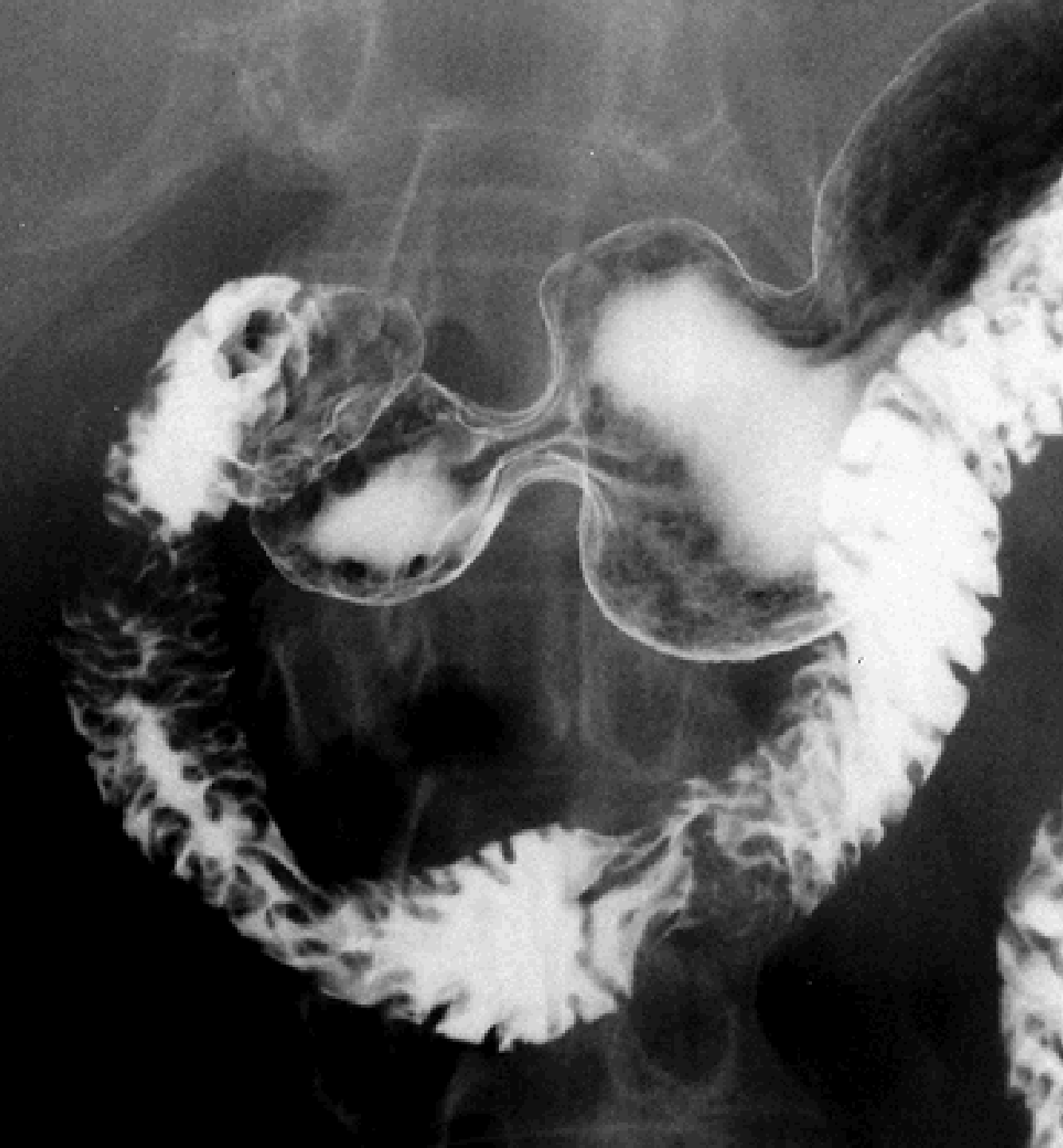
**Plica longitudinalis duodeni**

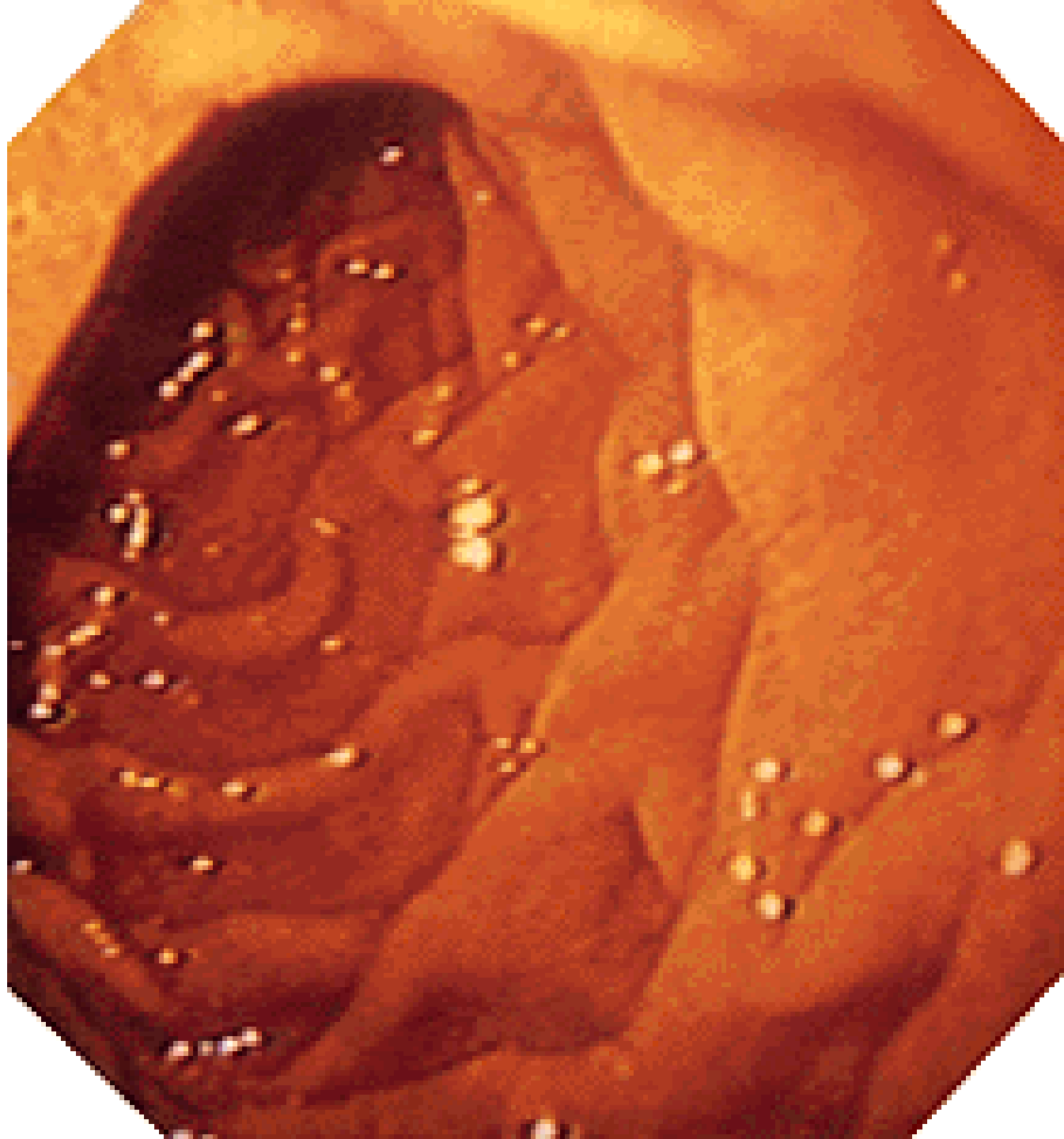
**Papilla duodeni major Vateri - ductus choledochus  
- ductus pancreaticus**

**Papilla duodeni  
minor-  
ductus  
pancreaticus  
accessorius**

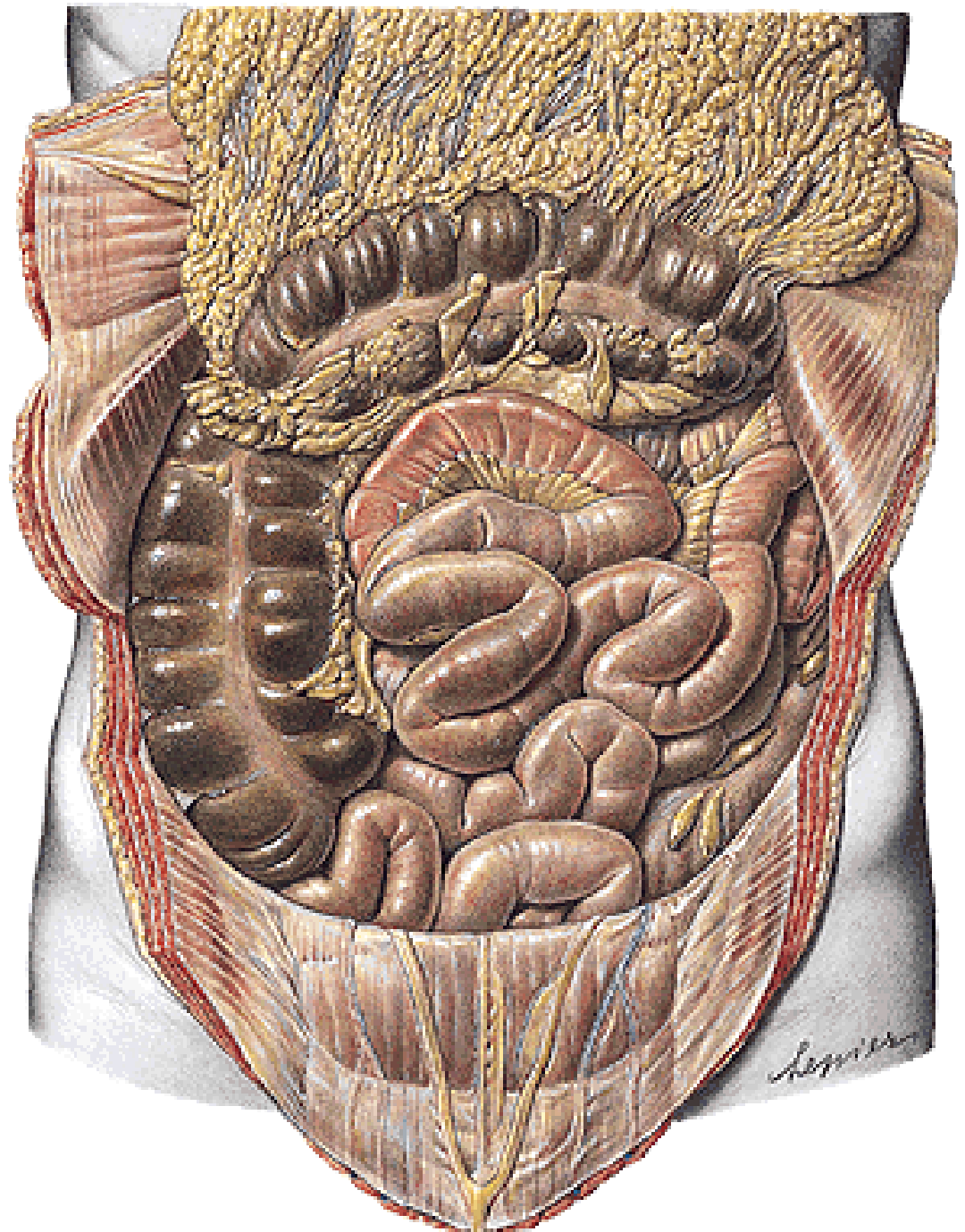


# Enteroclysis



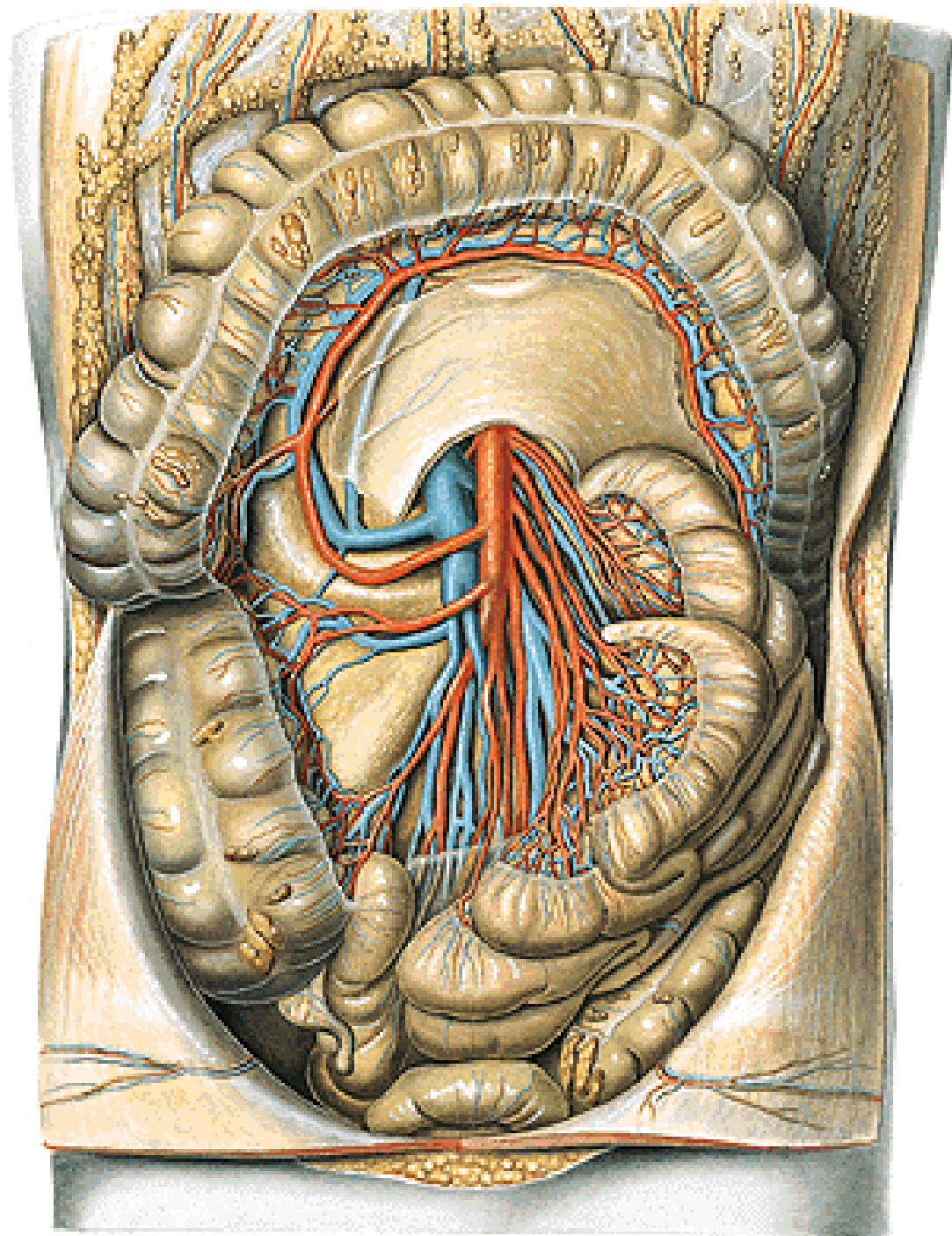


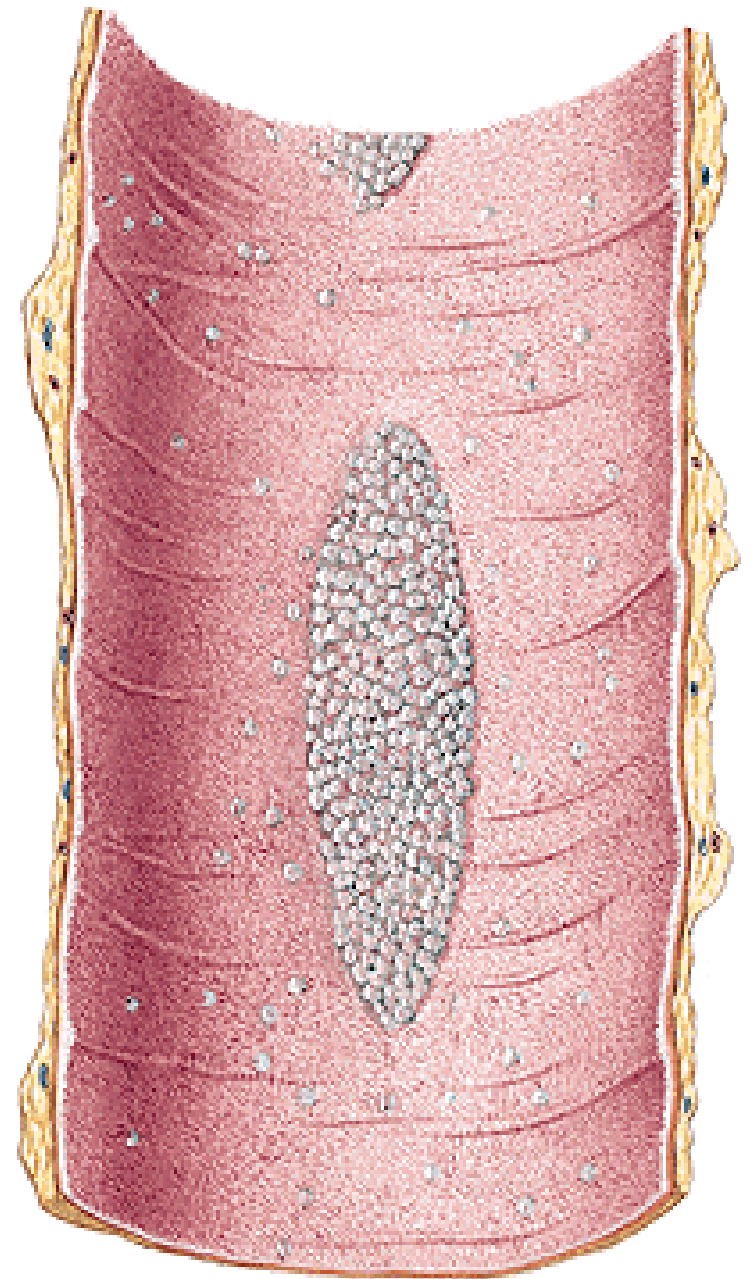
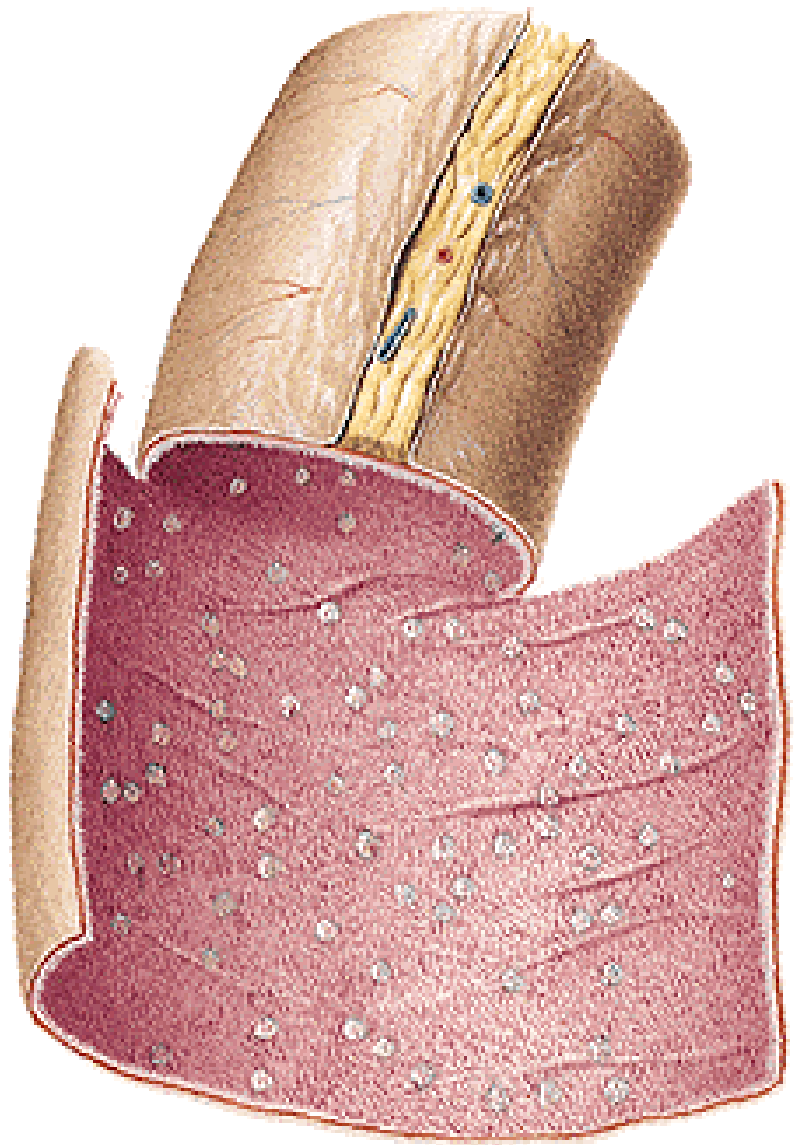
# Jejunioileum



<b>JEJUNUM</b>	<b>ILEUM</b>
<b>upper left part of the inframesocolic space</b>	<b>lower right part of the inframesocolic space</b>
<b>wider (3-4 cm)</b>	<b>narrower (2-3 cm)</b>
<b>more plicae circulares</b>	<b>fewer plicae circulares</b>
<b>1-2 arcades</b>	<b>2-3 arcades</b>
<b>folliculi lymph. solitarii</b>	<b>folliculi lymph. aggregati</b>

**A. mesenterica sup.**

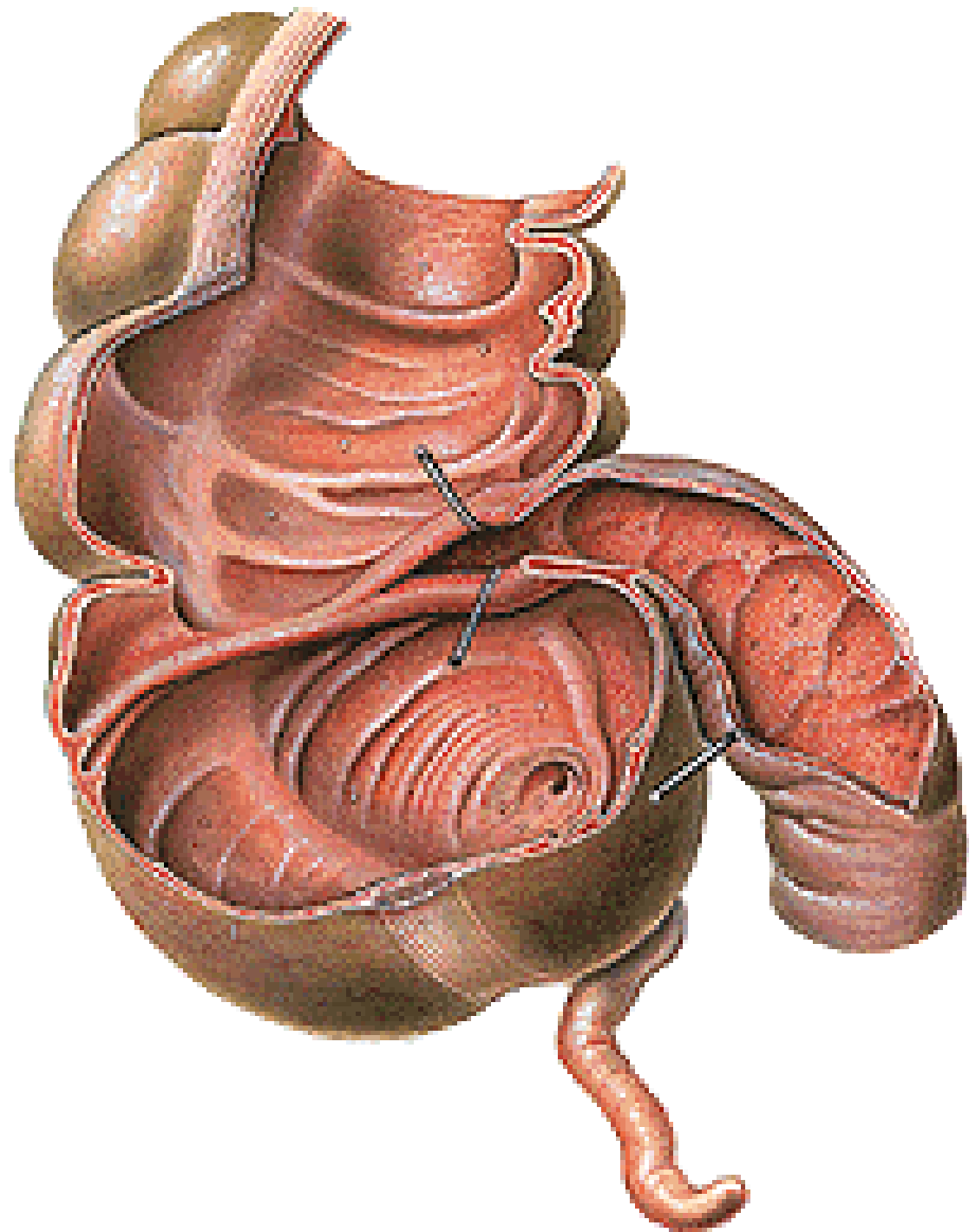




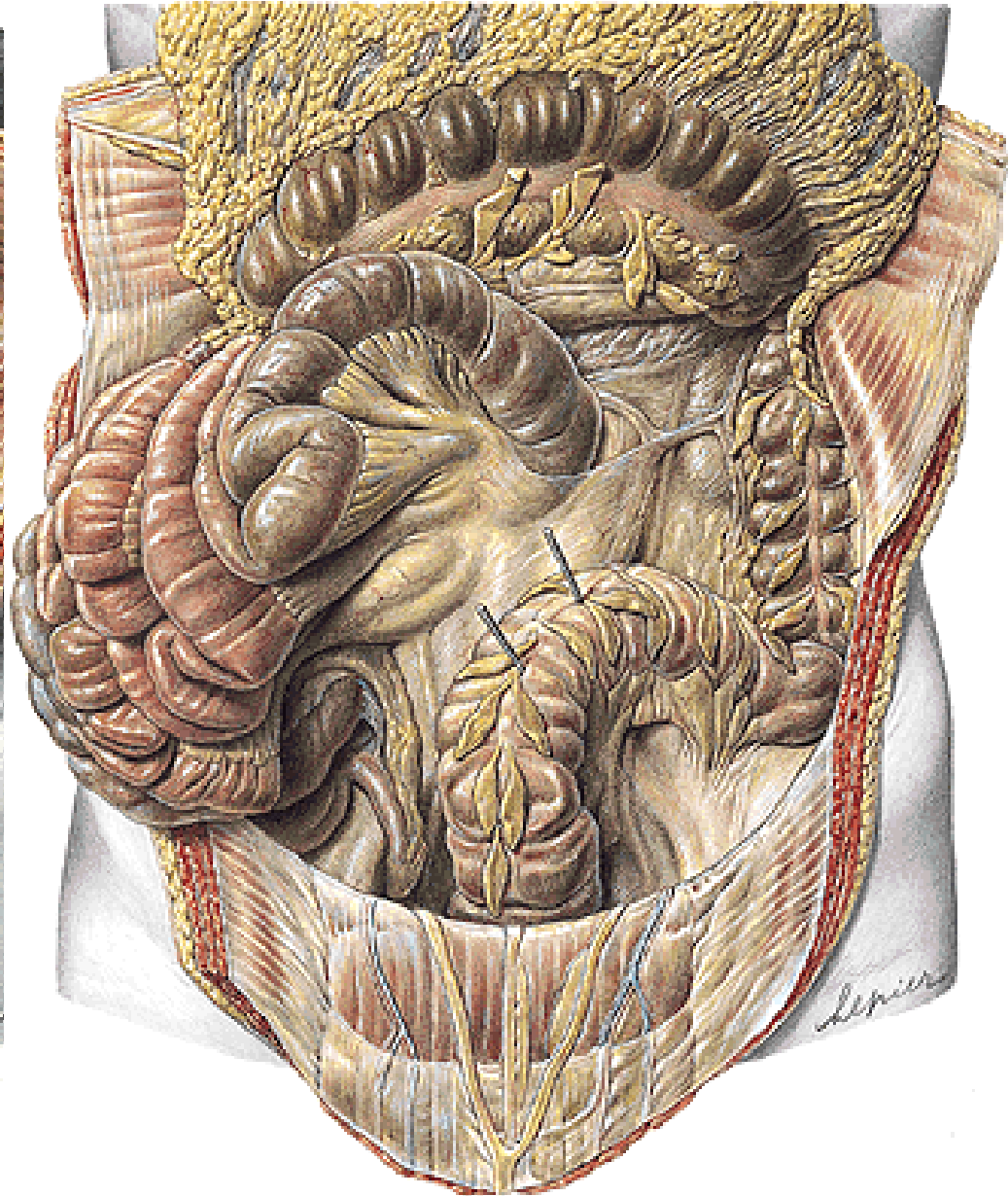
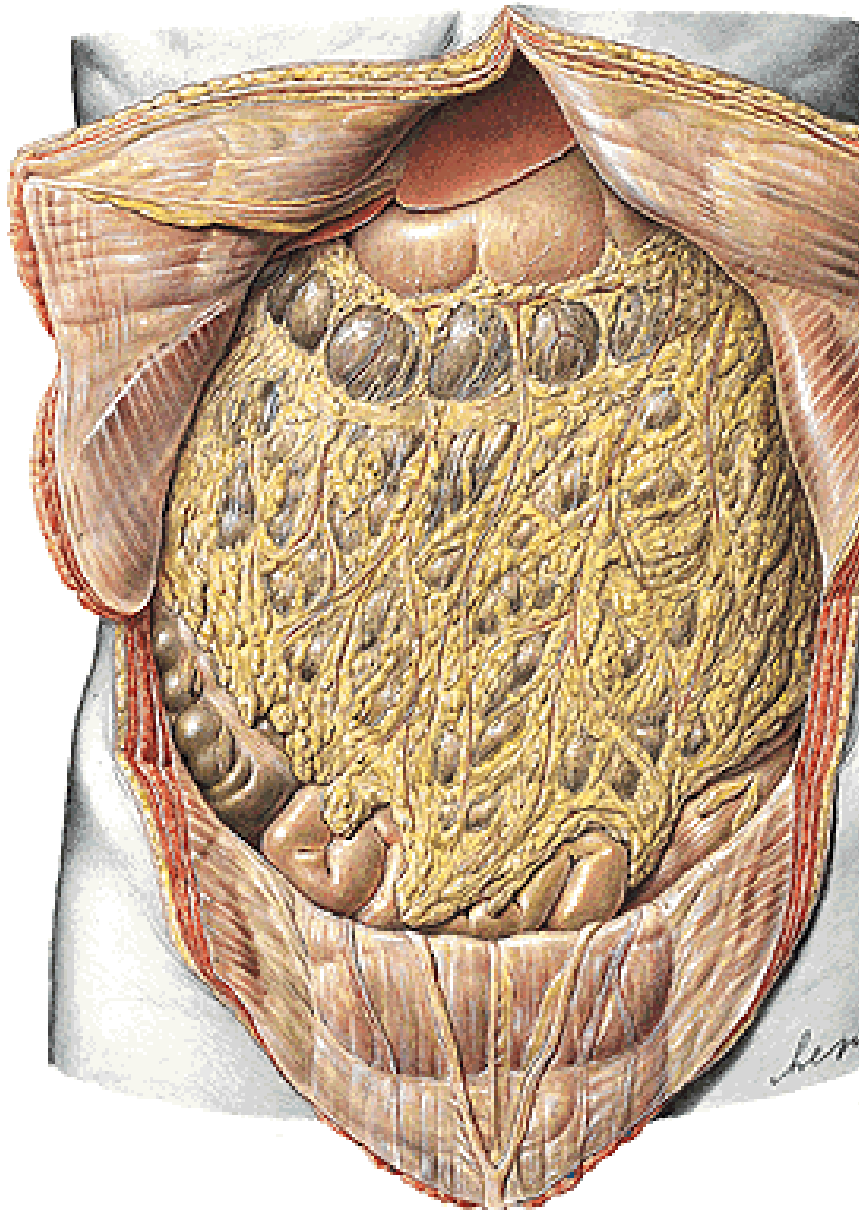
**Peyer patches**



**Ostium ileale**  
**Papilla ilealis**  
**-labrum superius**  
**-labrum inferius**

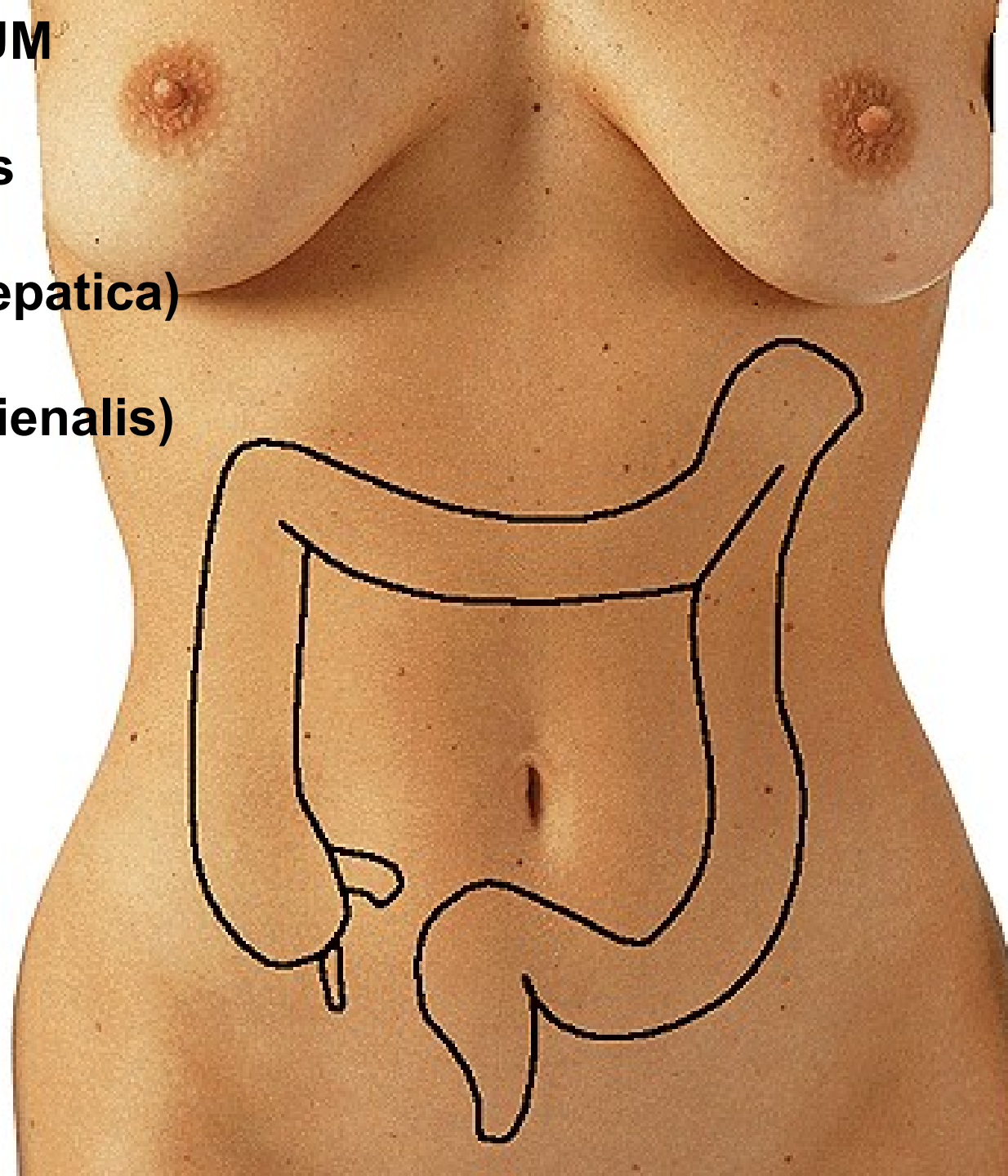


# Pars inframesocolica



# **INTESTINUM CRASSUM**

- intestinum caecum**
- appendix vermiformis**
- colon ascendens**
- flexura coli dextra (hepatica)**
- colon transversum**
- flexura coli sinistra (lienalis)**
- colon descendens**
- colon sigmoideum**
- rectum**



**Plicae semilunares**

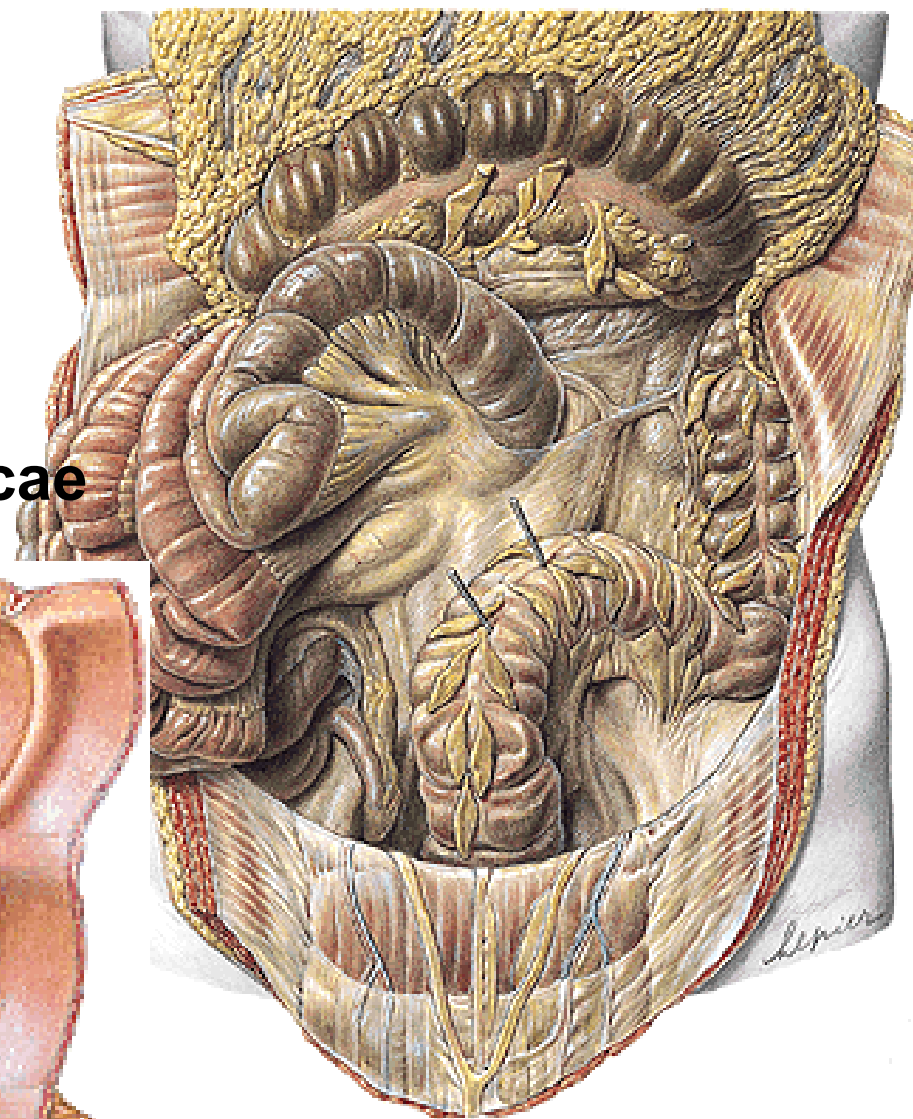
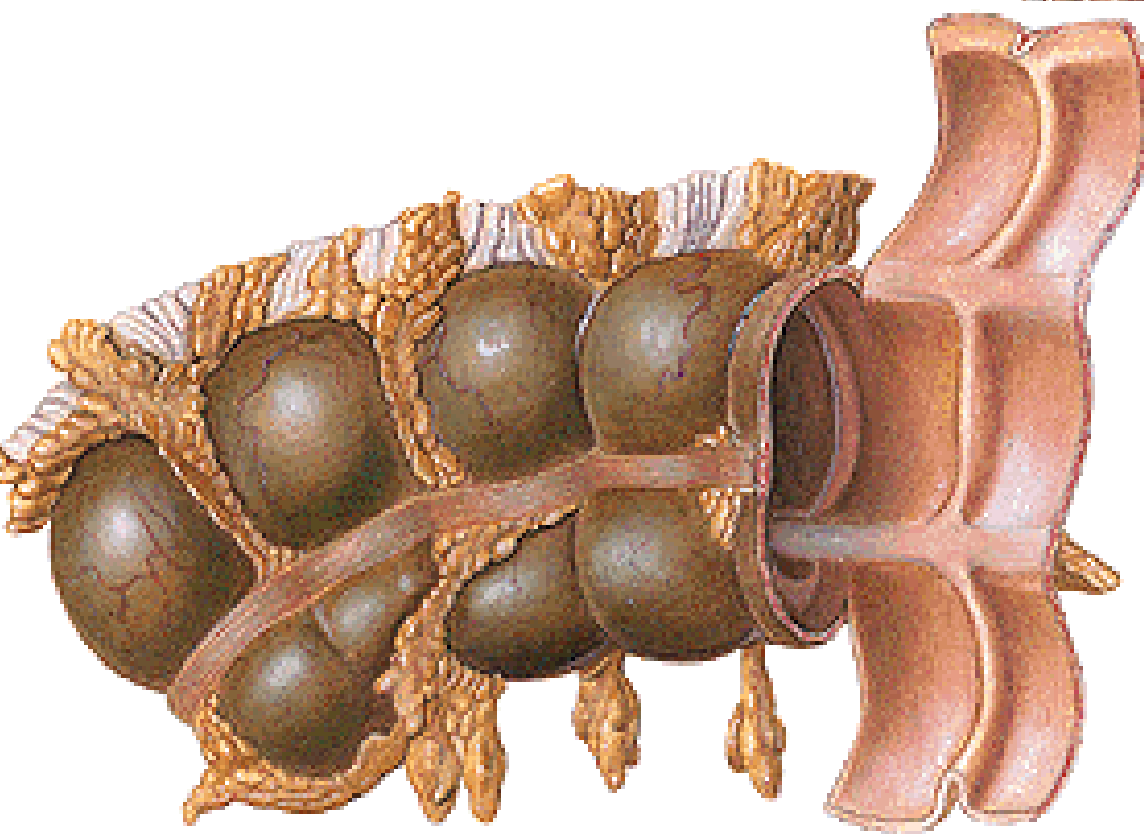
**Haustra coli**

**Taenia mesocolica**

**Taenia omentalis**

**Taenia libera**

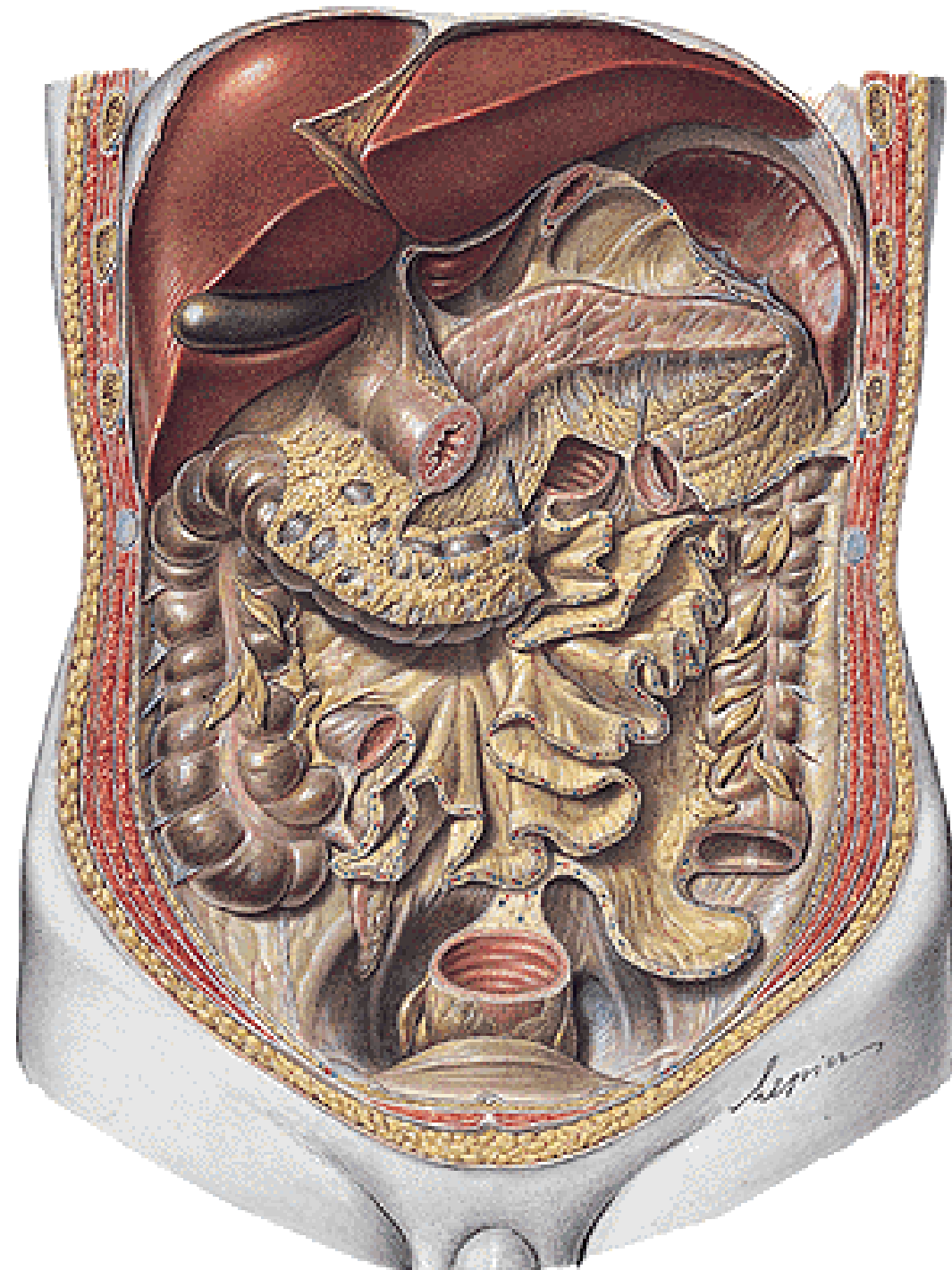
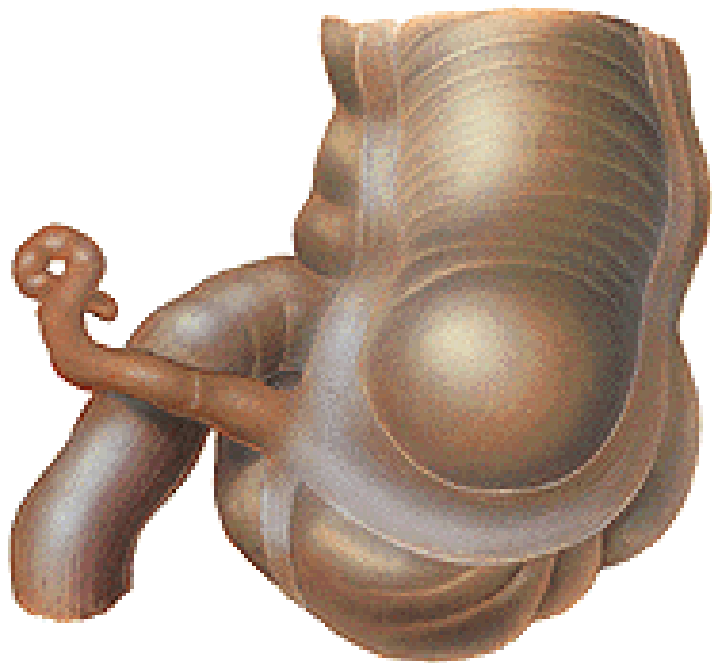
**Appendices omentales/epiploicae**



# INTESTINUM CAECUM

Recessus retrocaecalis

Caecum liberum –  
mesocaecum



# APPENDIX VERMIFORMIS

## Ostium appendicis vermiformis

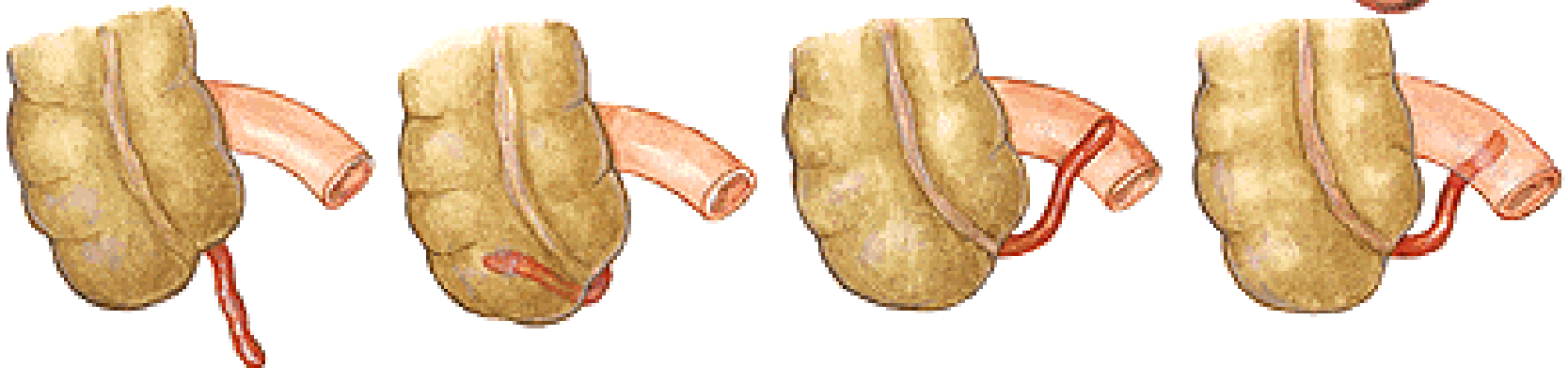
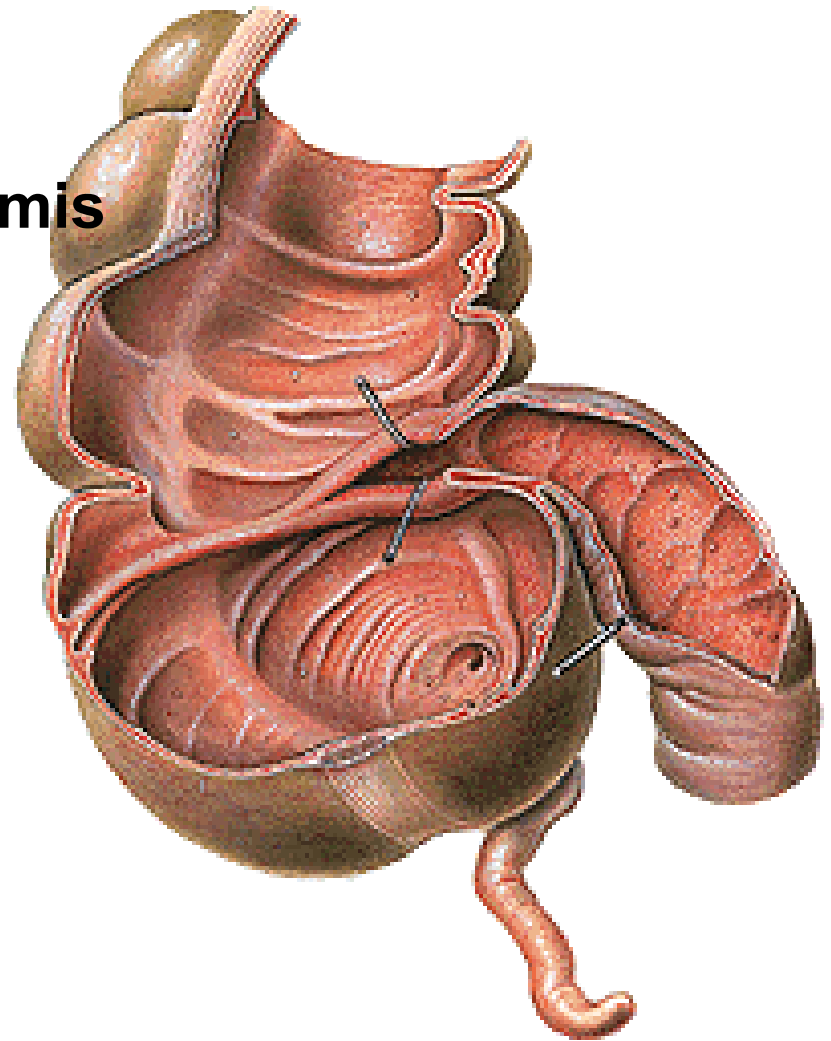
Positio pelvina

- lig. appendiculoovaricum

Positio retrocaecalis

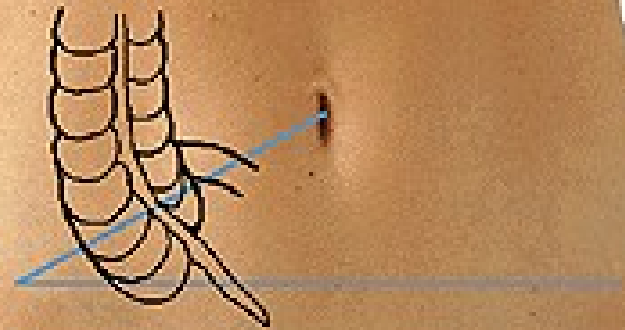
Positio ileocaecalis

Positio retroilealis

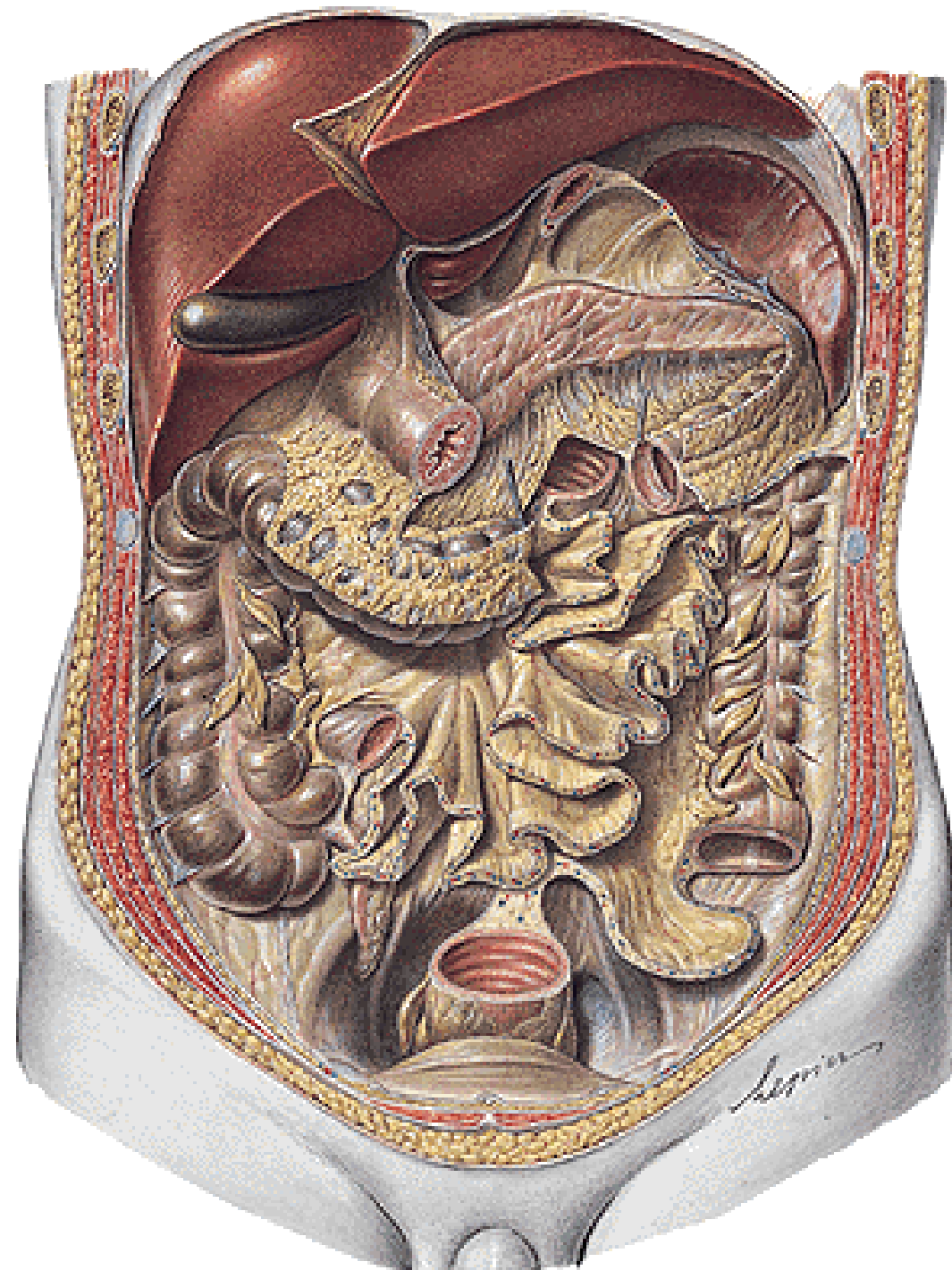


**Linea spinoumbilicalis dextra  
(Monro) - MacBurney's point  
Linea bispinalis – Lanz's point**

**Tonsilla abdominalis**

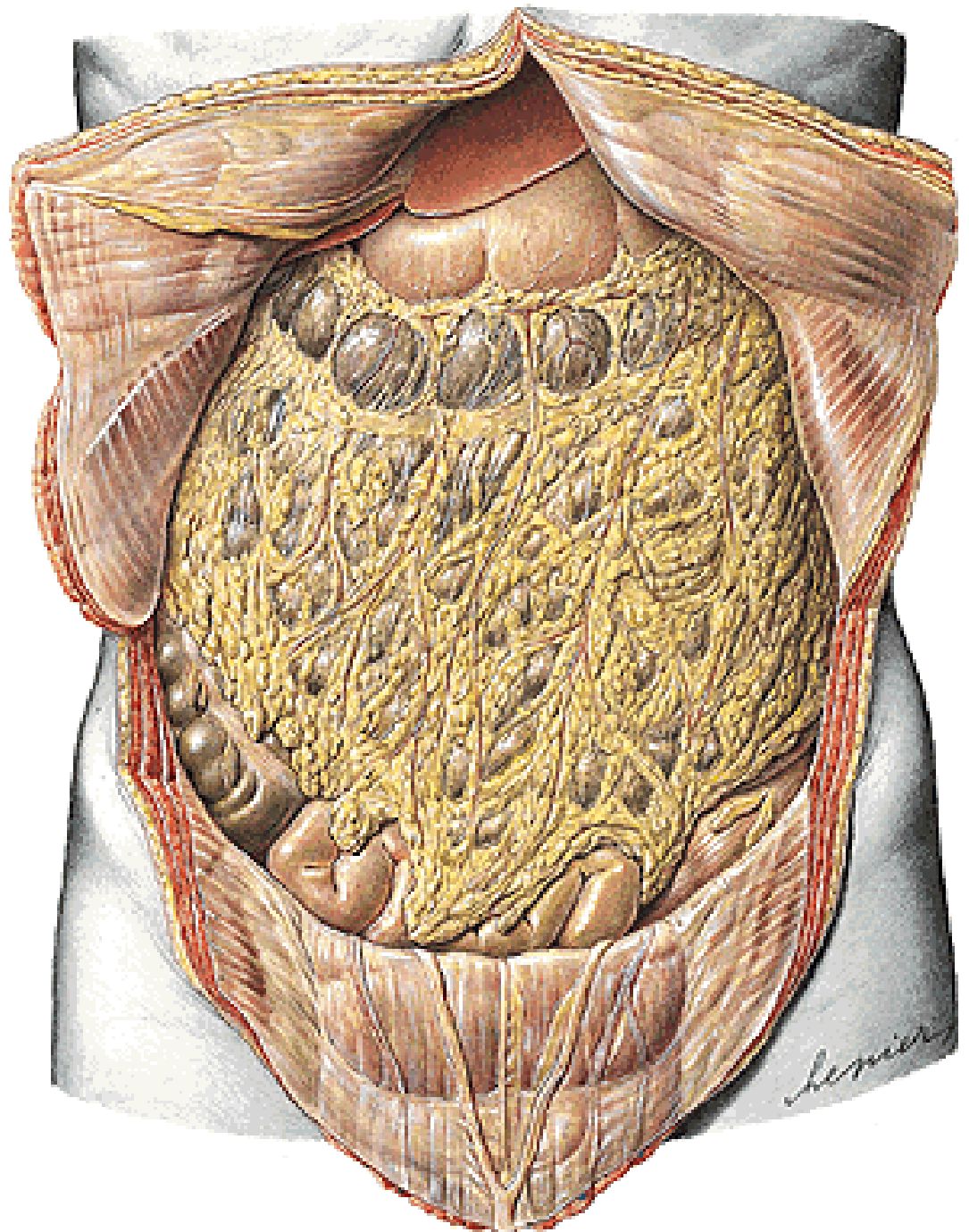
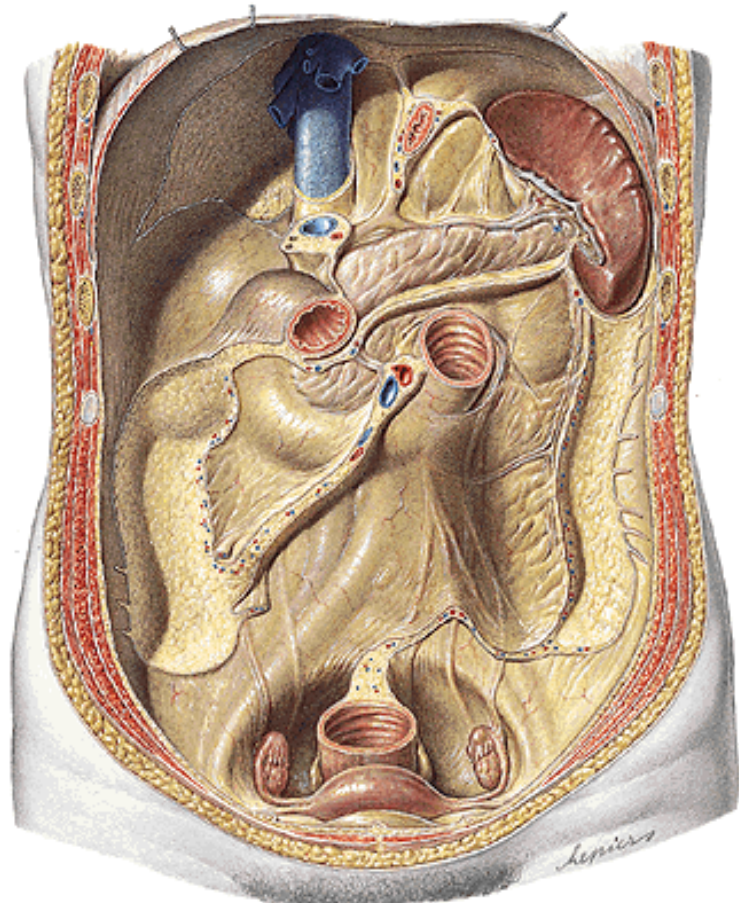


**COLON ASCENDENS**  
**Flexura coli dextra**  
**(hepatica)**



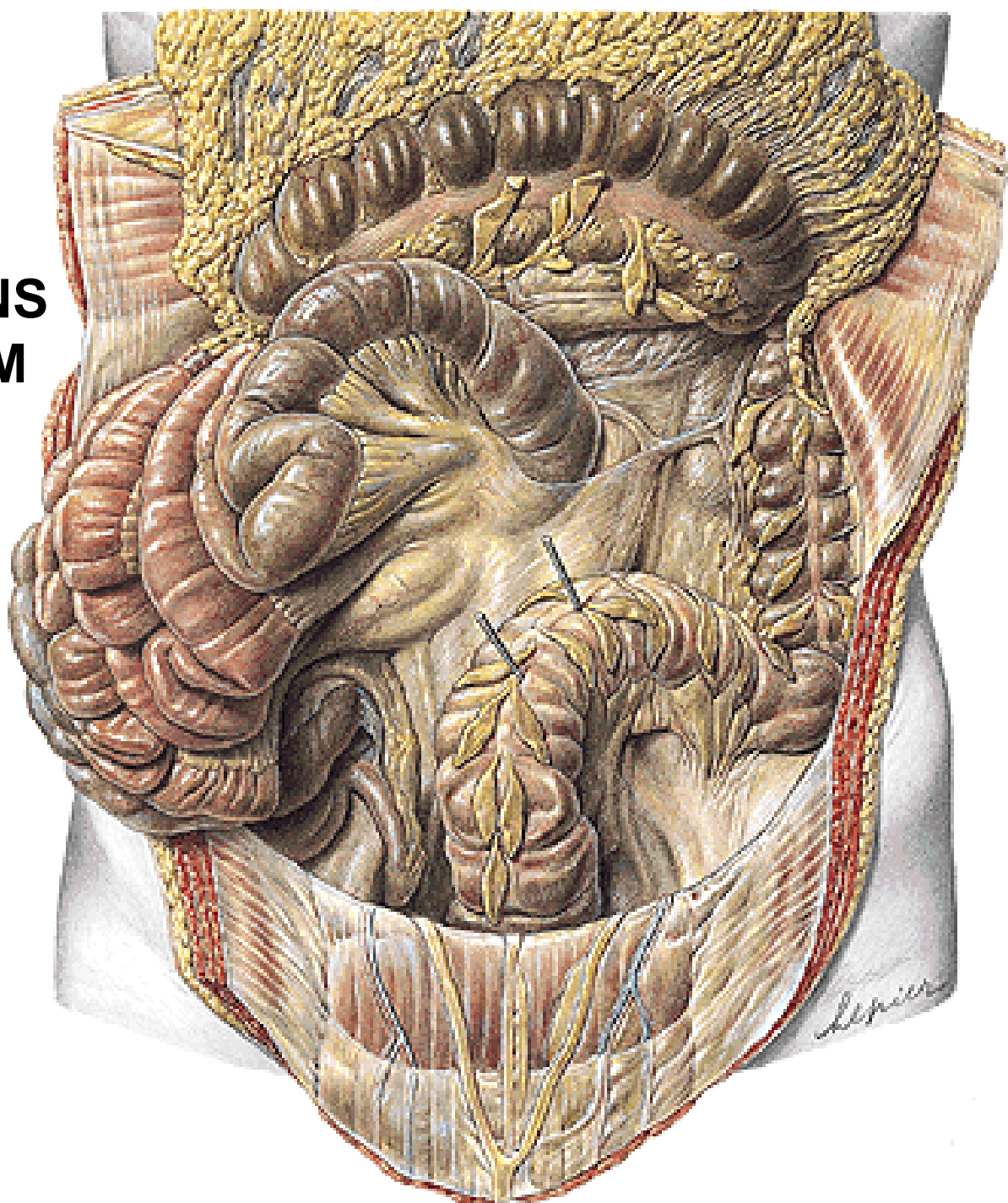


**COLON TRANSVERSUM**  
**Mesocolon transversum**  
**Omentum majus**  
**Lig. gastrocolicum**



**Flexura coli sinistra  
(lienalis)**

**COLON DESCENDENS  
COLON SIGMOIDEUM  
Mesosigmoideum**



# Irigography



# RECTUM

**Crena ani – anus**

**Ampulla recti**

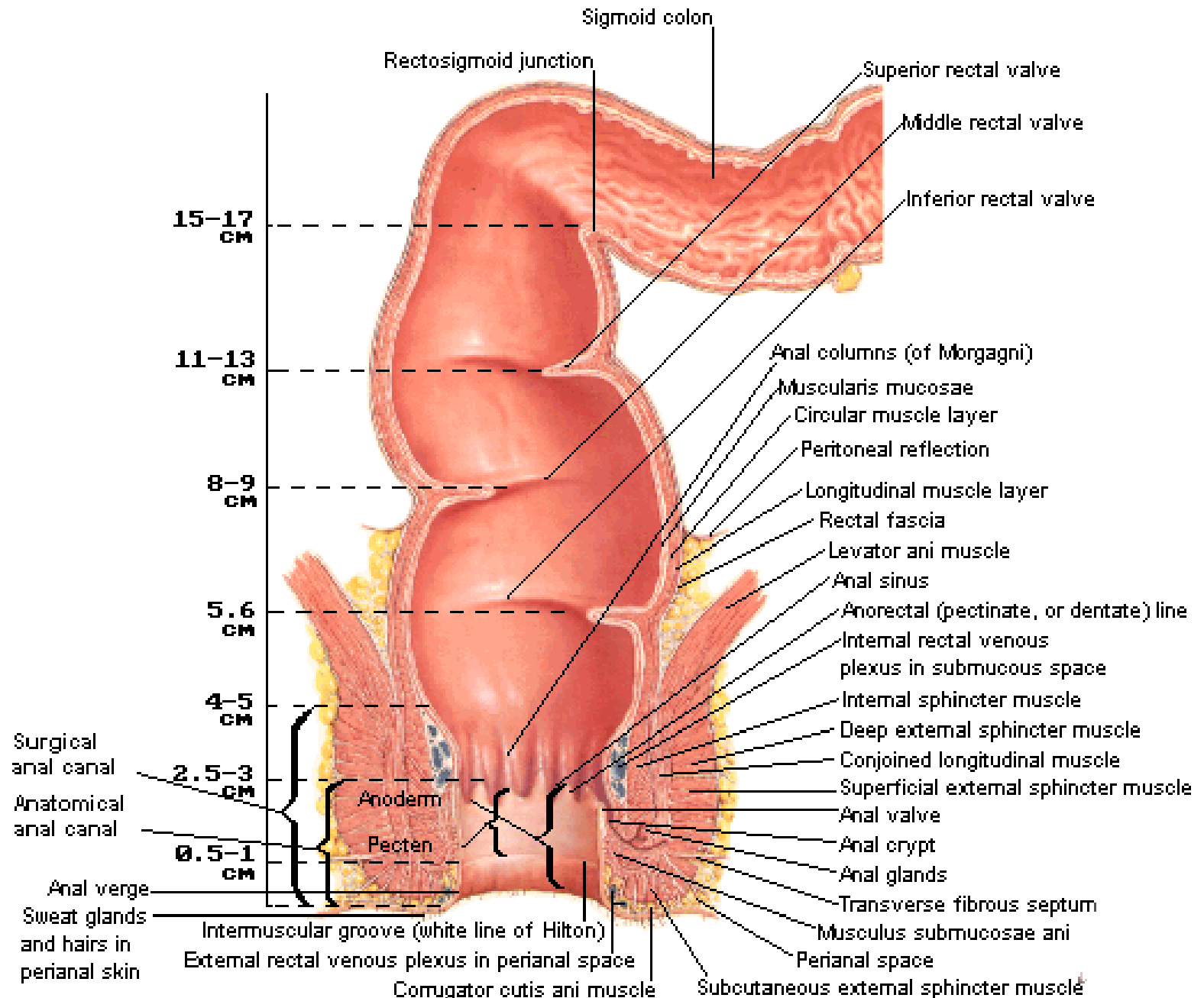
- flexura sacralis
- plicae transversae recti
- plica t.r. media (Kohlrausch)

**Canalis analis**

- flexura perinealis
- linea anorectalis
- columnae anales
- sinus anales
- valvulae anales
- pecten analis
- linea anocutanea
- zona haemorrhoidalis



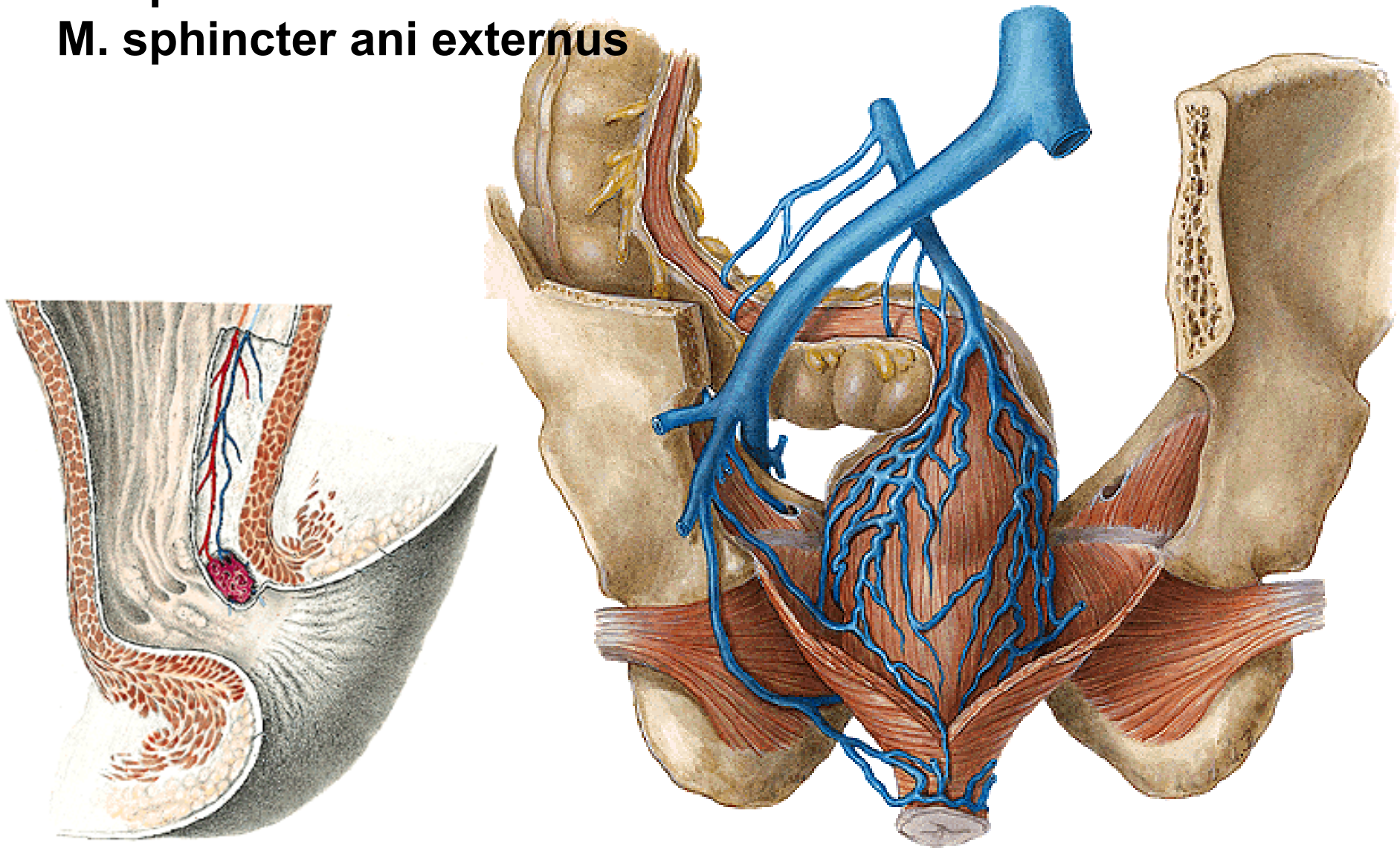
# Rectum and Anal Canal



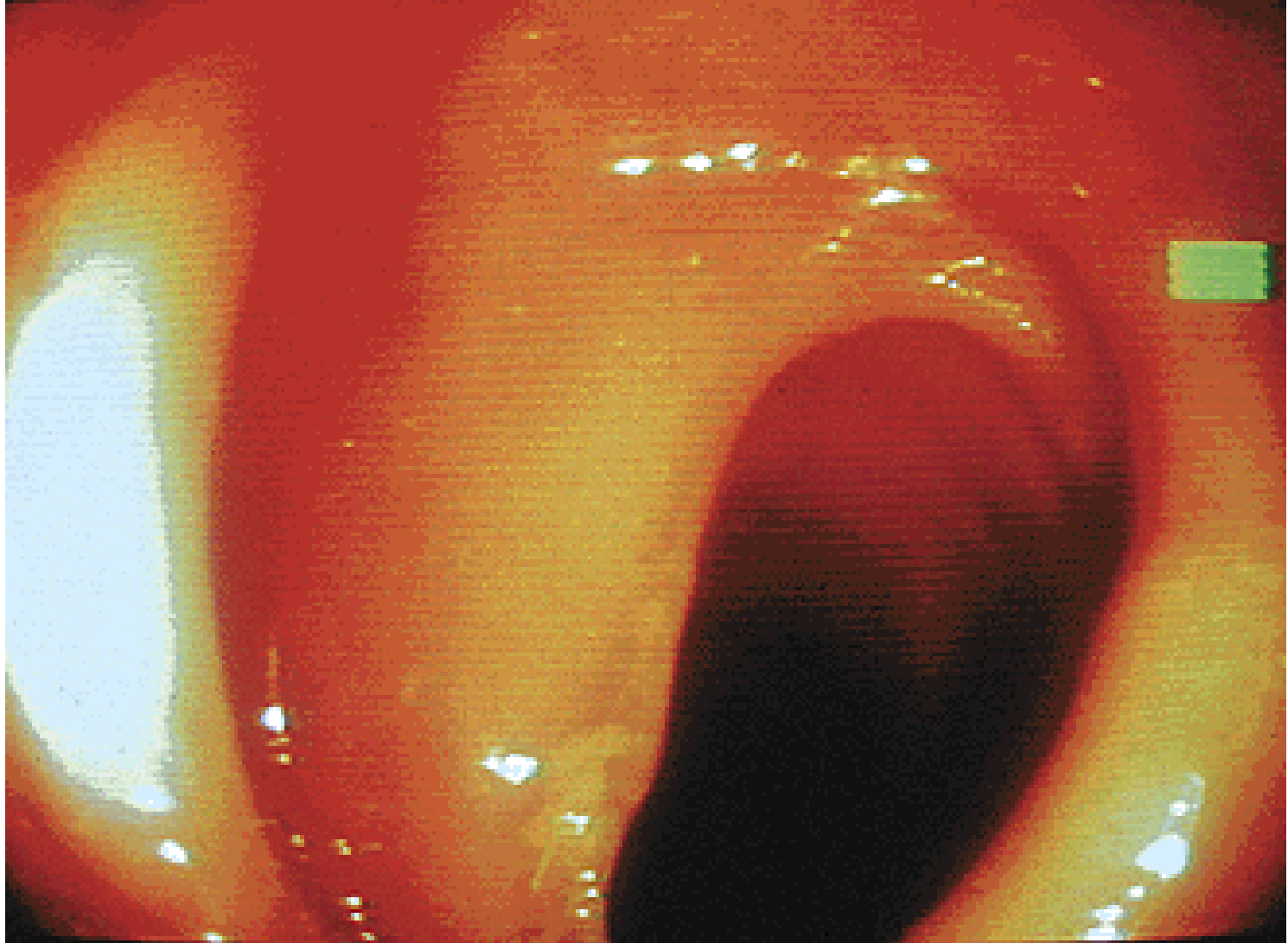
# Plexus venosus rectalis

**M. sphincter ani internus**

**M. sphincter ani externus**



# Rectoscopy



Illustrations, photographs, and radiographs were copied from:  
**Atlas der Anatomie des Menschen/Sobotta.**  
**Putz,R., und Pabst,R. 20. Auflage. München:**  
**Urban & Schwarzenberg, 1993)**  
**Netter: Interactive Atlas of Human Anatomy.**  
**Windows Version 2.0**