

An anatomical illustration of the human torso, showing the abdominal cavity. The rib cage is visible at the top, and the pelvic region is at the bottom. The abdominal organs, including the liver, stomach, and intestines, are depicted in a detailed, realistic style. The text "Surgical anatomy of abdominal cavity" is overlaid in the center in a bold, blue font on a yellow background.

Surgical anatomy of abdominal cavity

Poltava State Medical University
**Department of Anatomy with Clinical Anatomy and Operative
Surgery**

Lecture

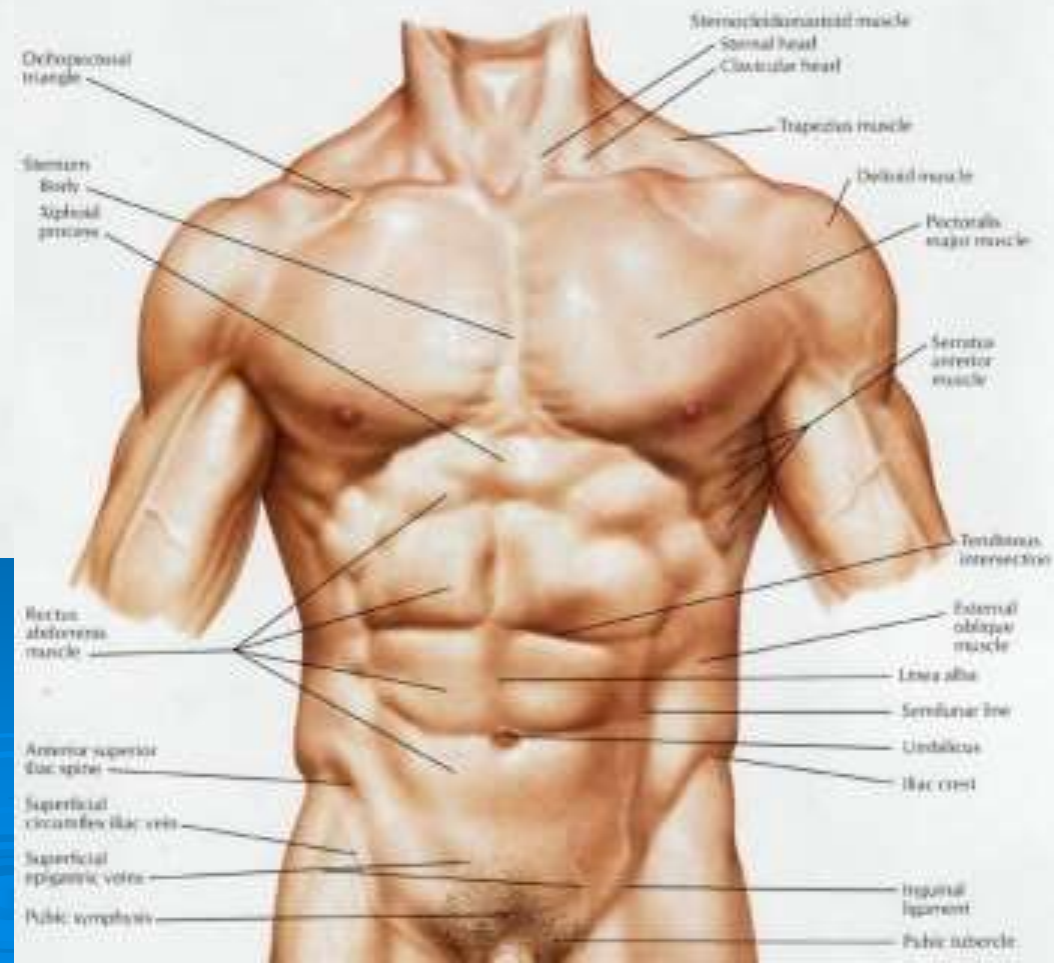
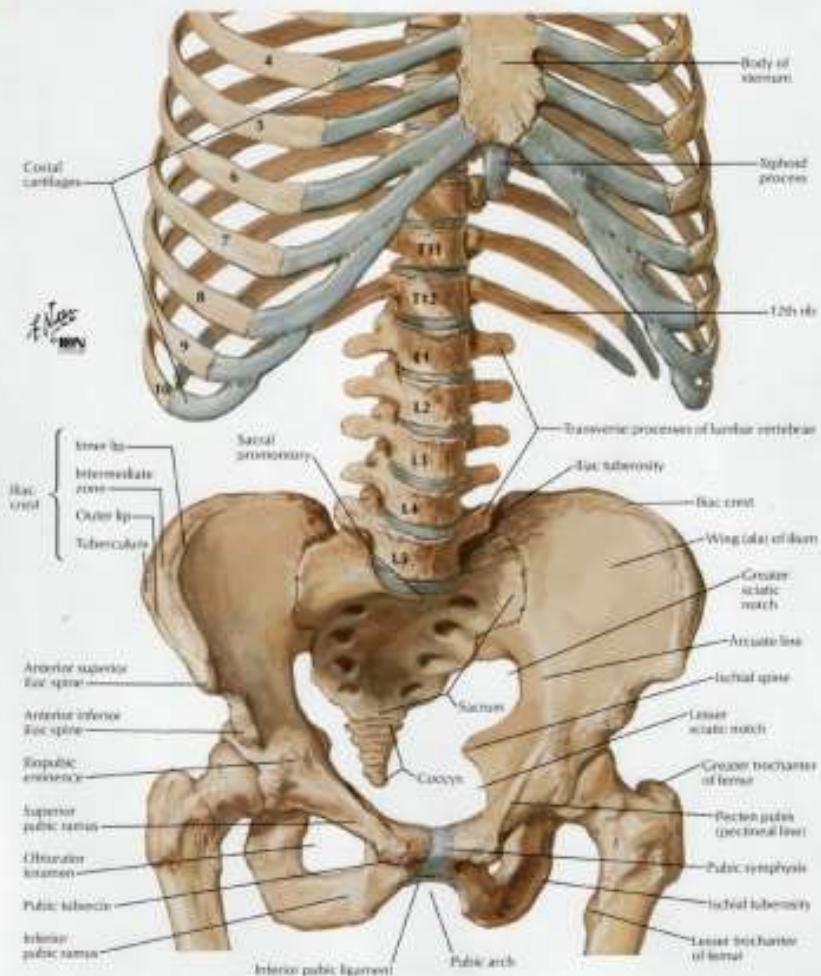
Surgical anatomy of abdominal cavity

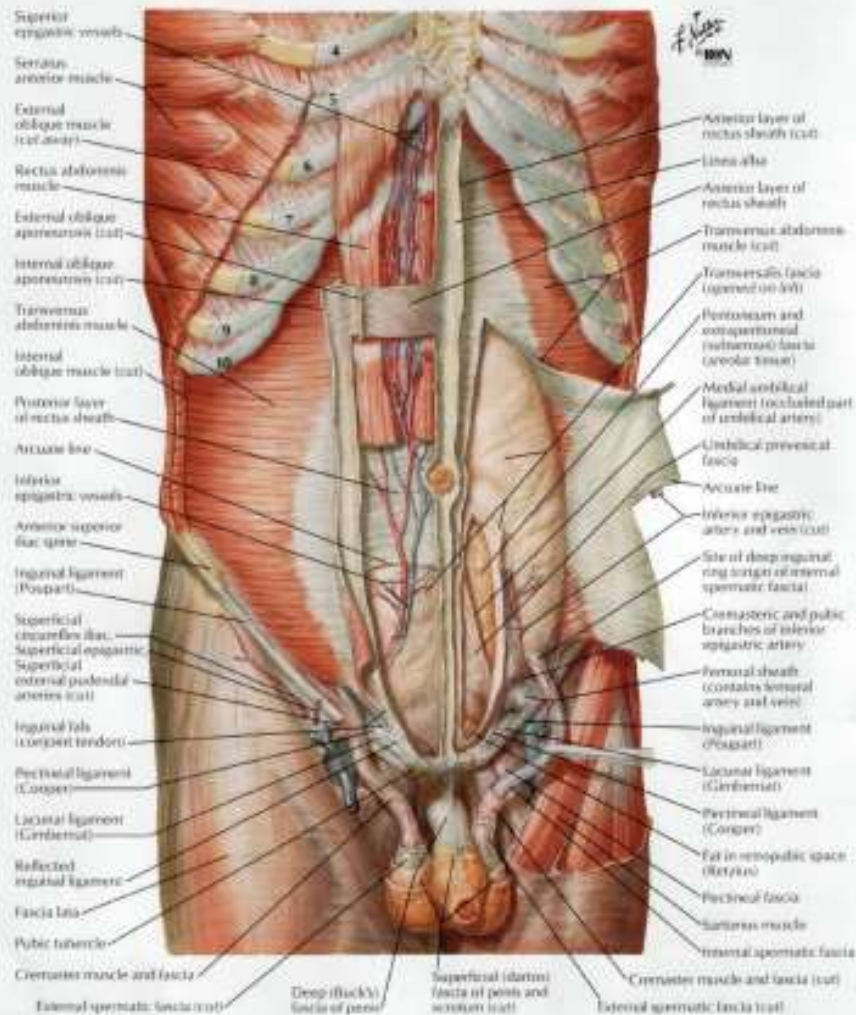
Poltava-2023

The background of the slide is a solid blue color. In the bottom right corner, there are several faint, concentric circles that resemble ripples in water, creating a decorative effect.

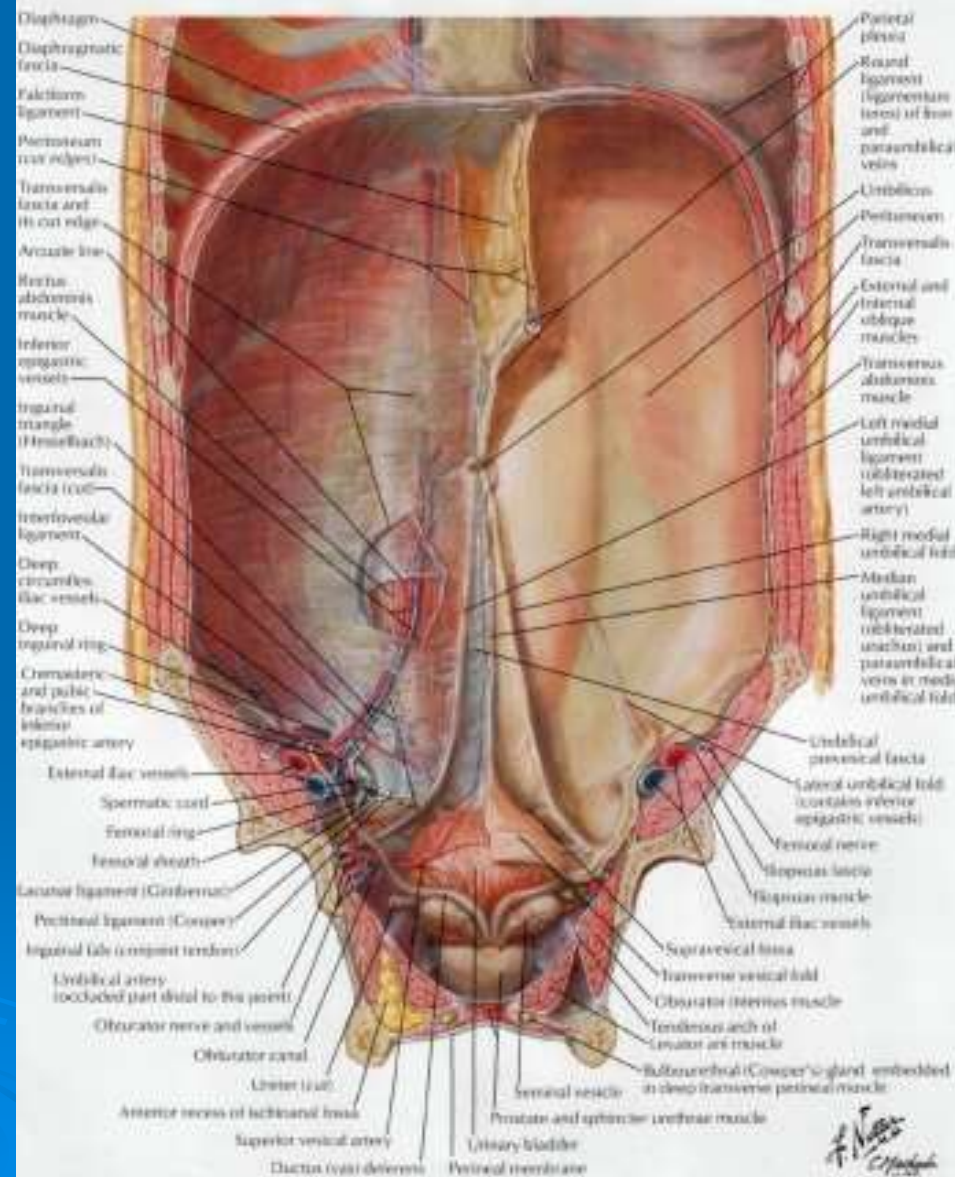
Plan

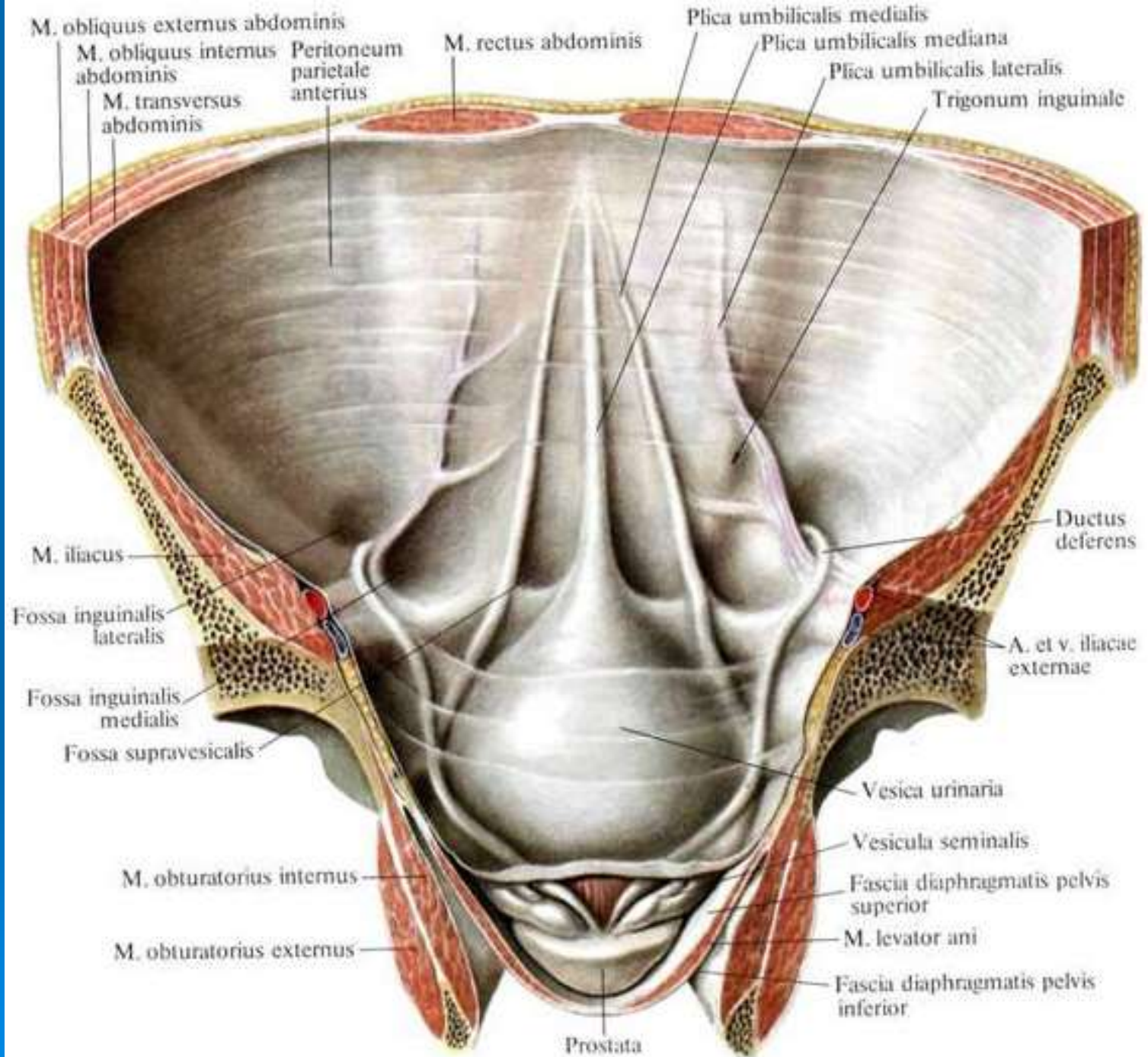
- Topographic anatomy of abdominal organs. Topography of the abdominal cavity, peritoneum (sinuses, bags, recesses, ligaments).
- Topography of the liver, stomach, spleen, small and large intestines.
- Principles of abdominal surgery. Intestinal sutures. Bowel operations.
- Operations on the stomach, liver, extrahepatic bile ducts.
- Removal of the appendix. Applying an artificial drain.

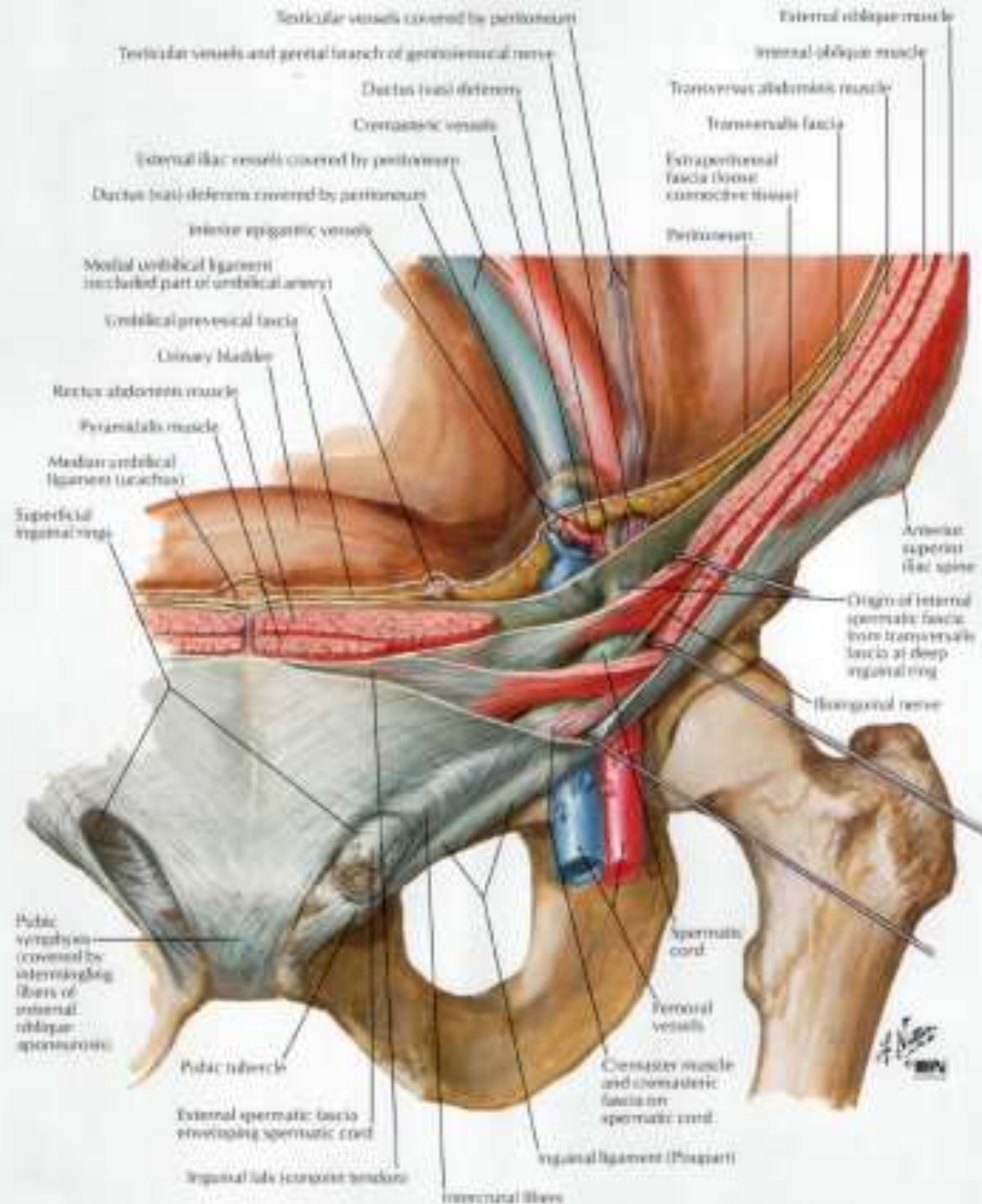




FOR UMBILICAL VESSELS SEE PLATE 225







Anterior superior iliac spine

Inguinal ligament

Lateral cutaneous nerve of thigh

Superficial circumflex iliac artery

Femoral
Nerve
Artery
Vein

Deep artery of thigh

Sartorius

Rectus femoris

Iliotibial tract

Iliacus fascia and iliacus

Deep circumflex iliac artery

Femoral ring

Lacunar ligament

Pectineus and pectineal fascia

Pubic tubercle

Obturator nerve, anterior division

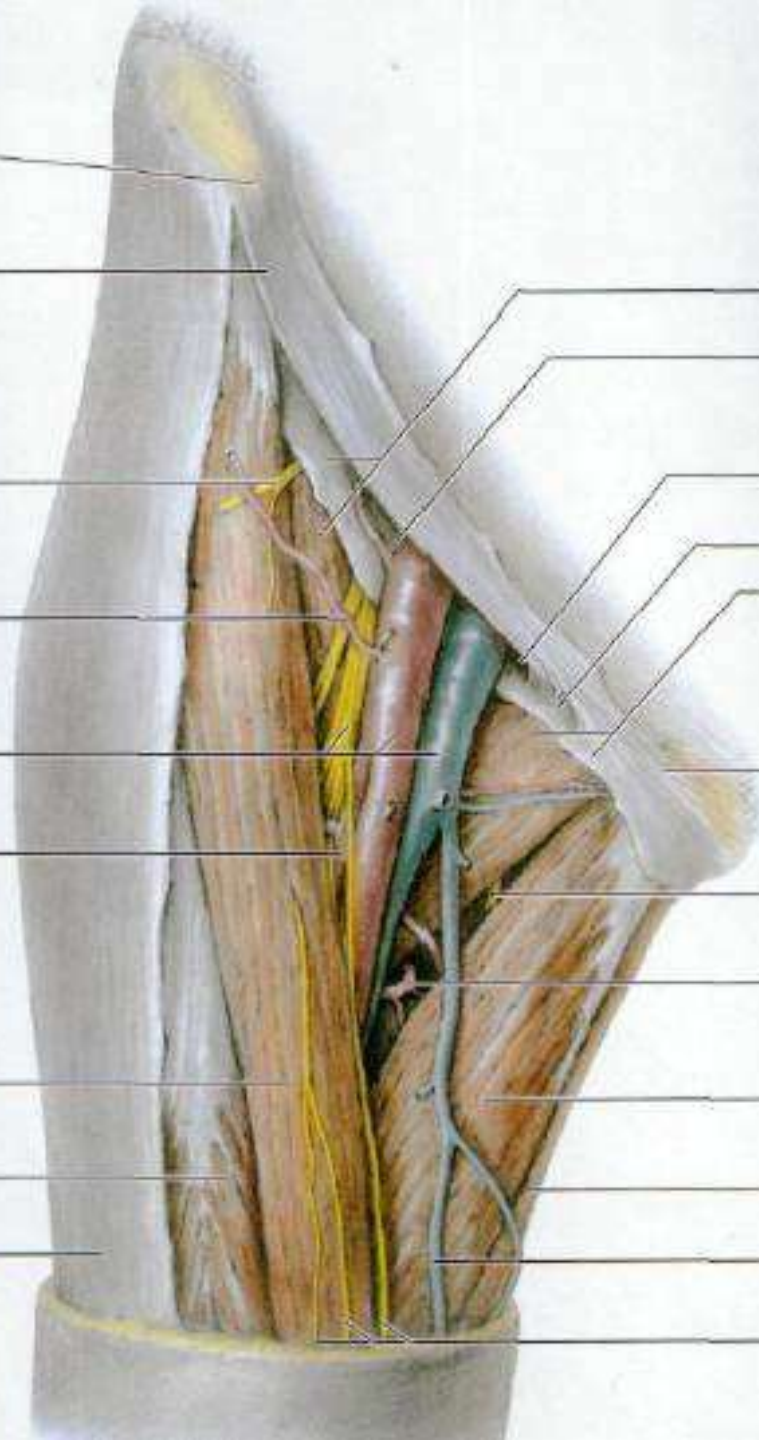
1st perforating artery

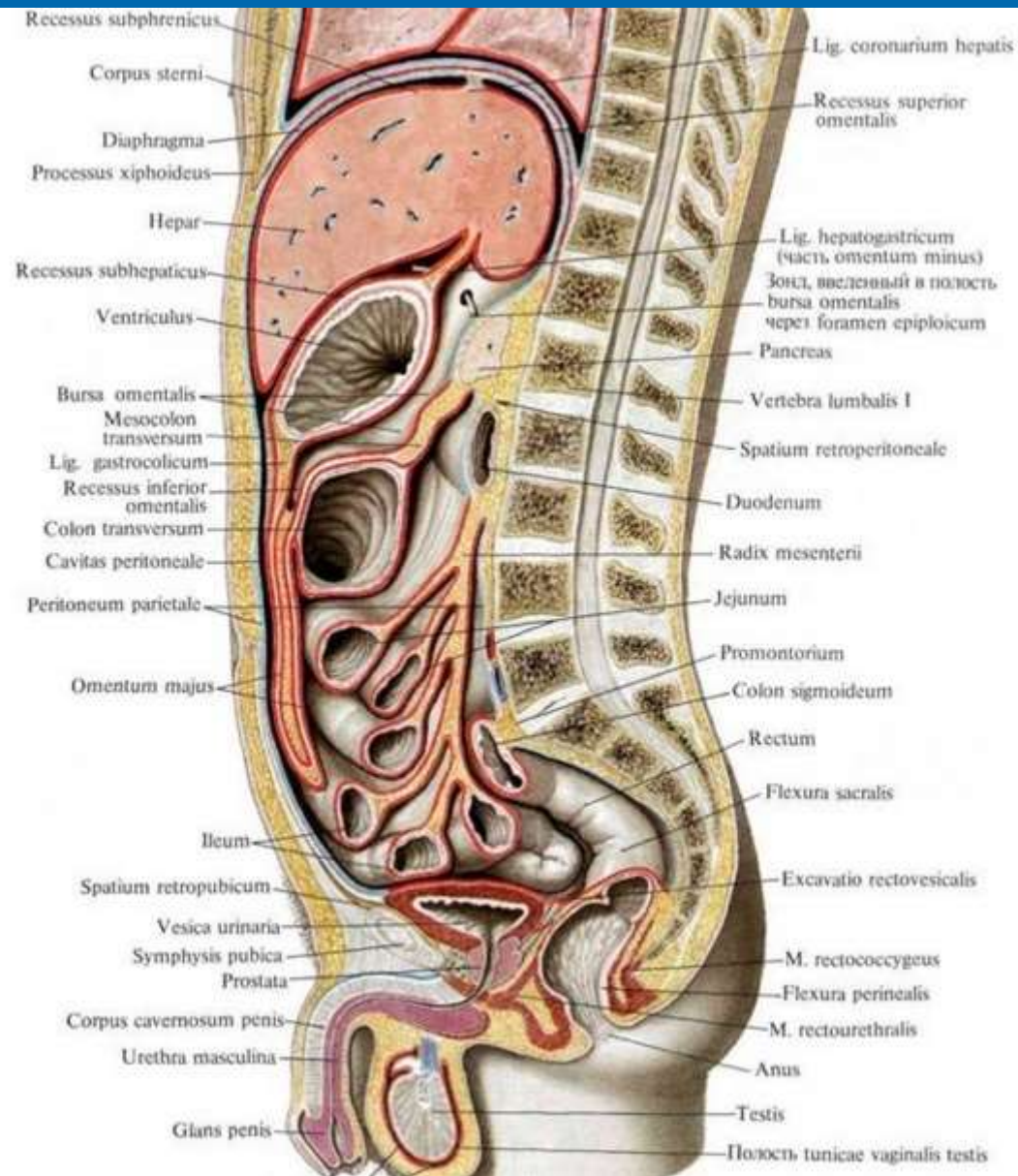
Adductor longus

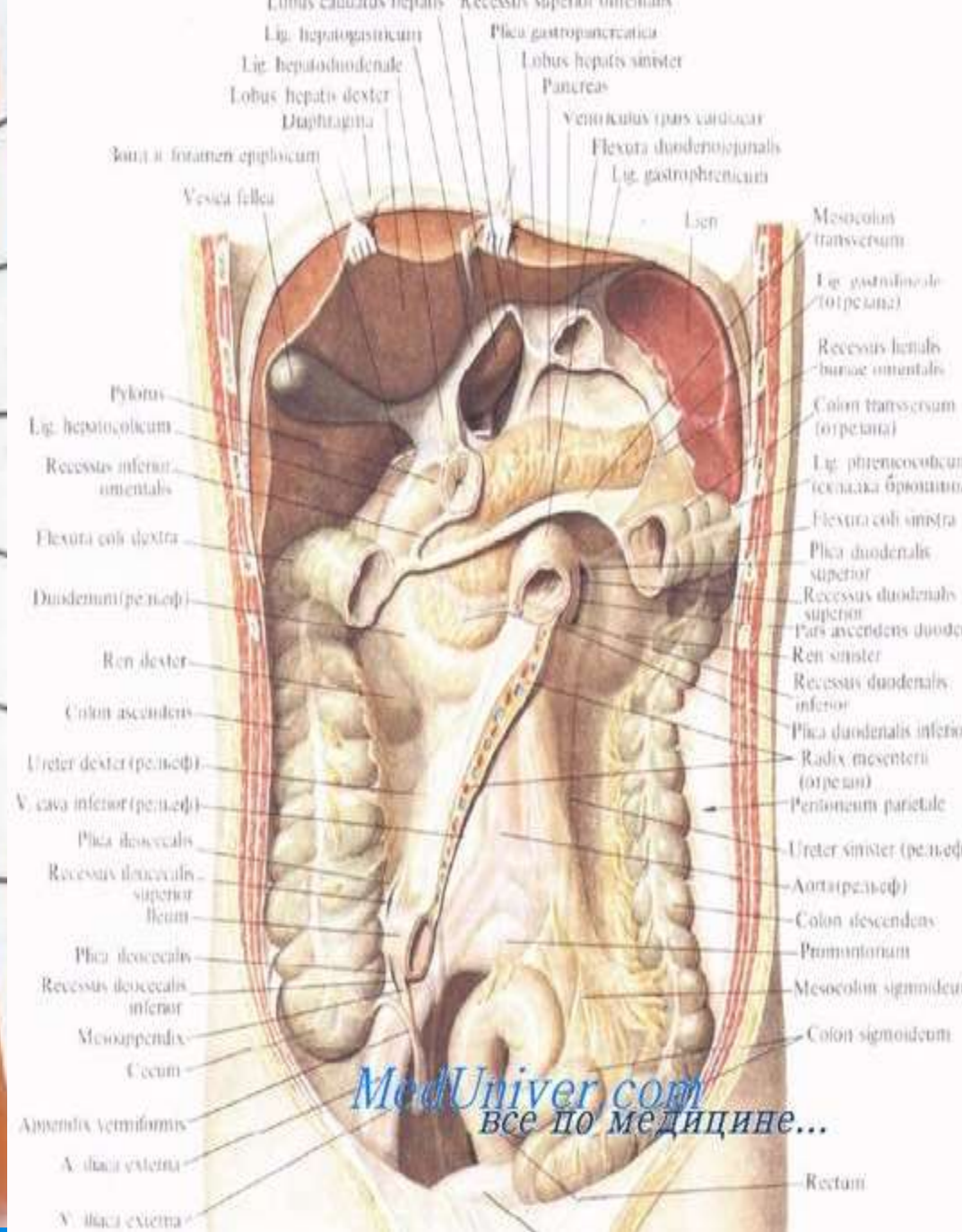
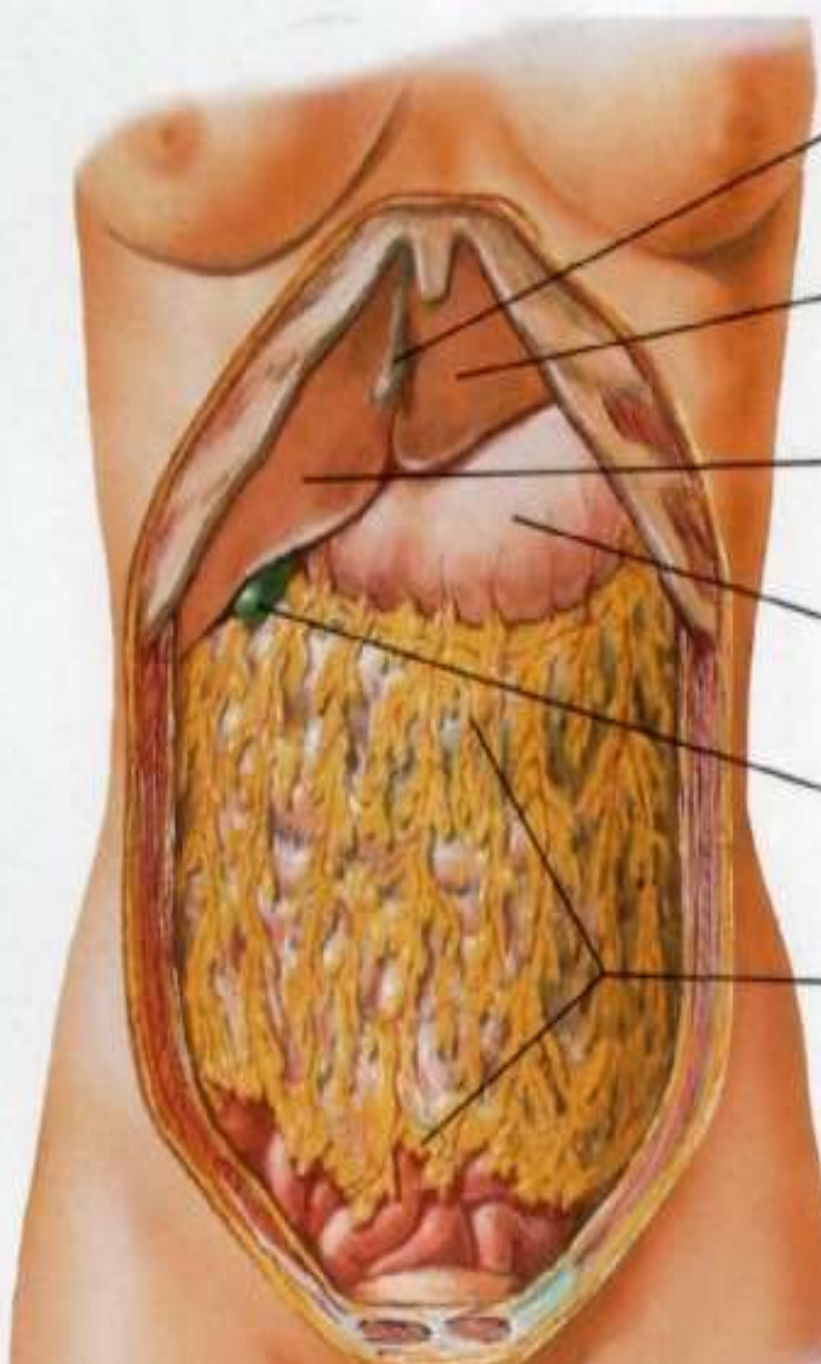
Gracilis

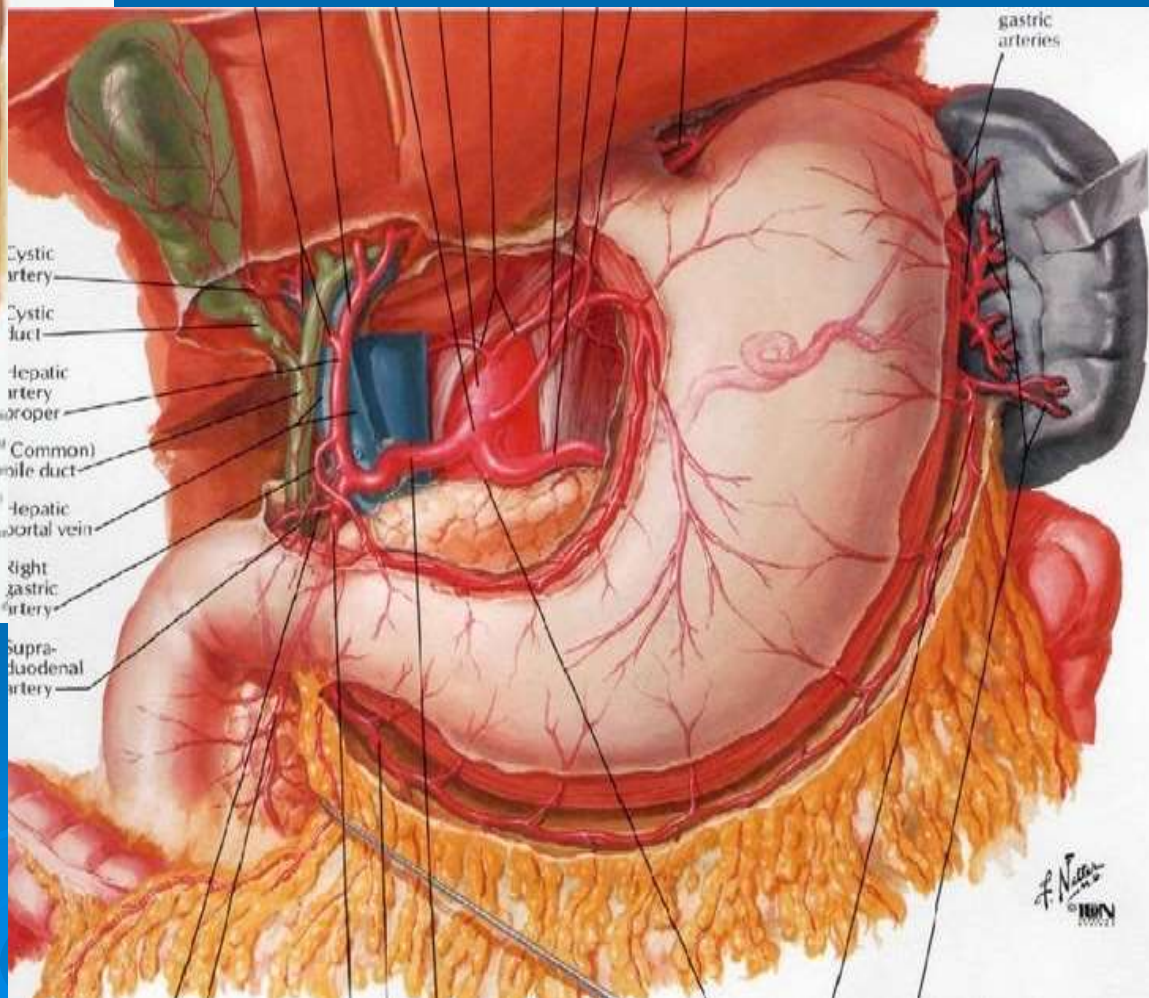
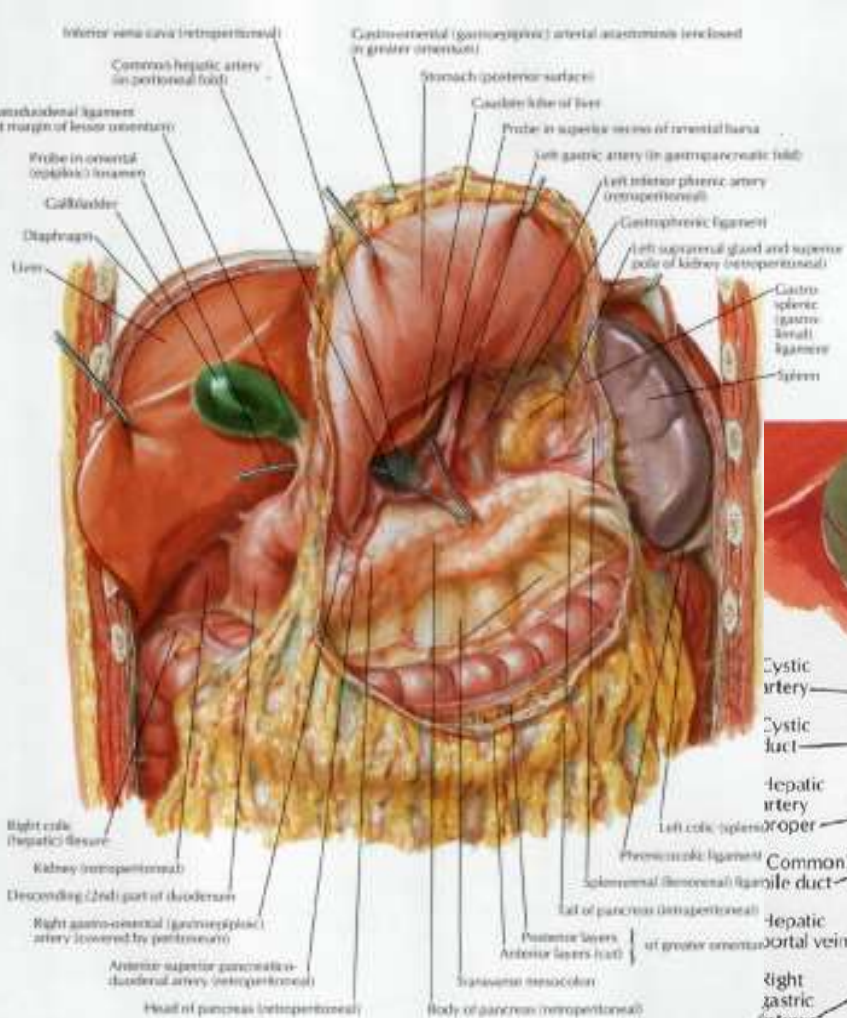
Great saphenous vein

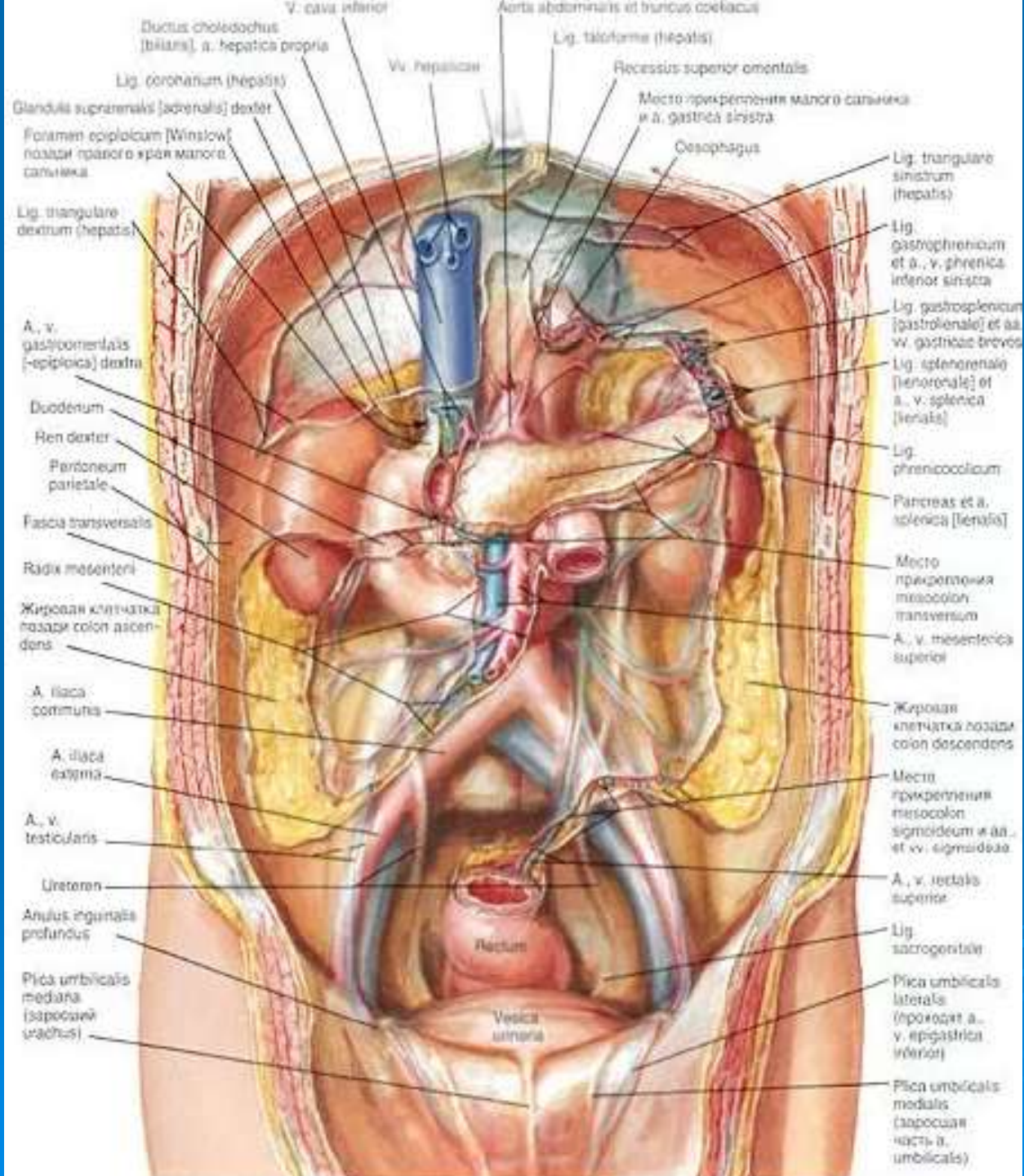
Anterior femoral cutaneous nerves

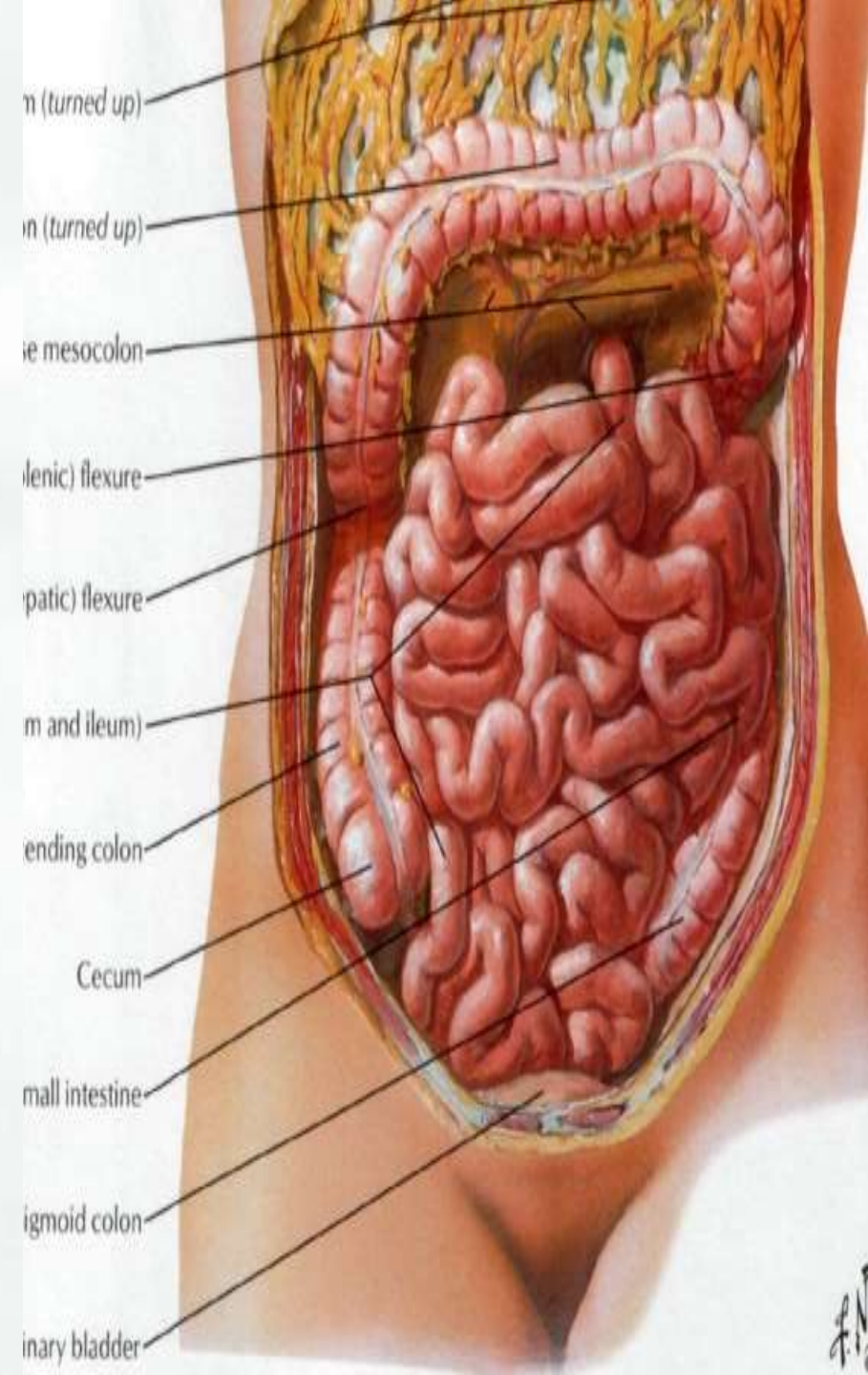
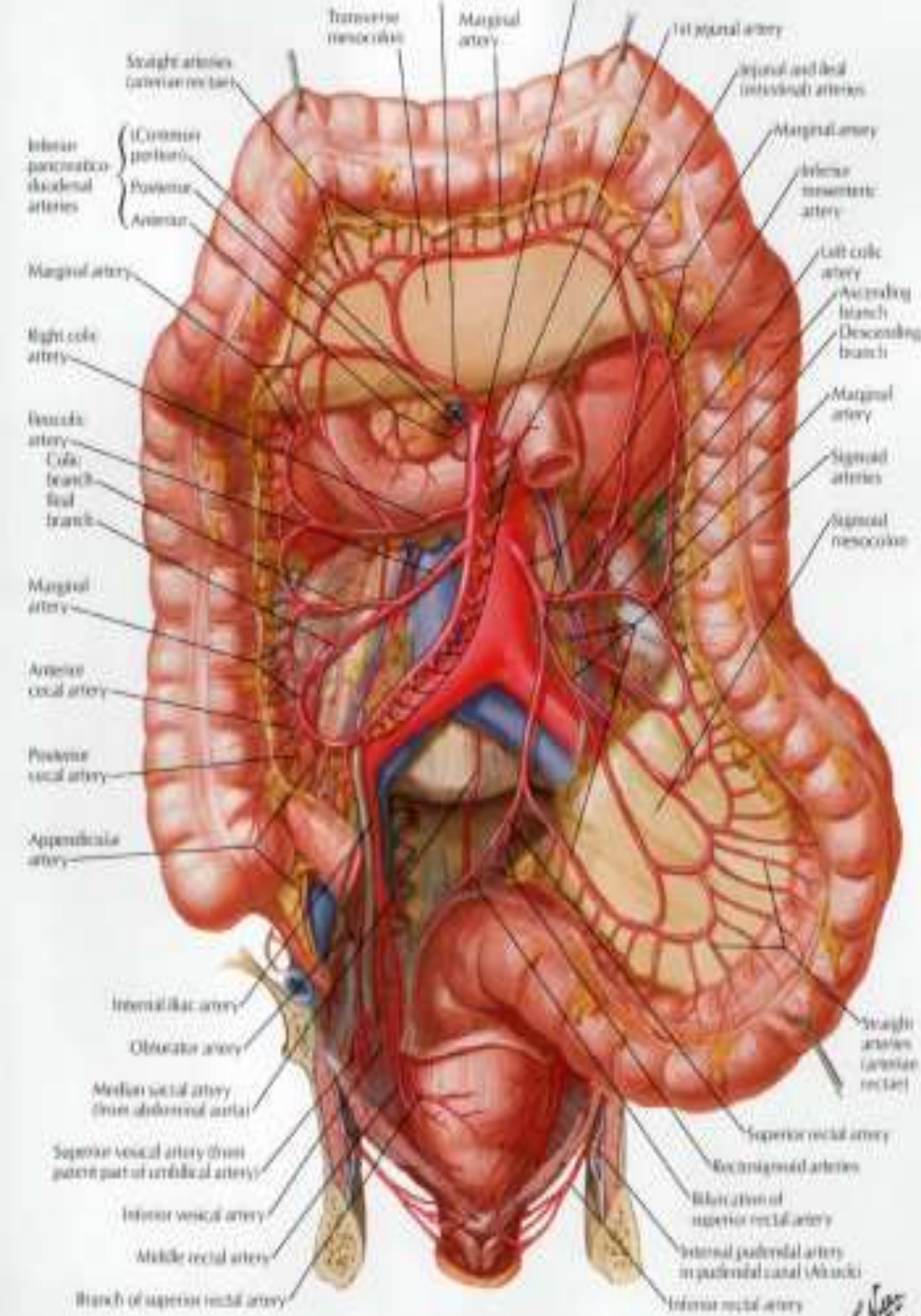


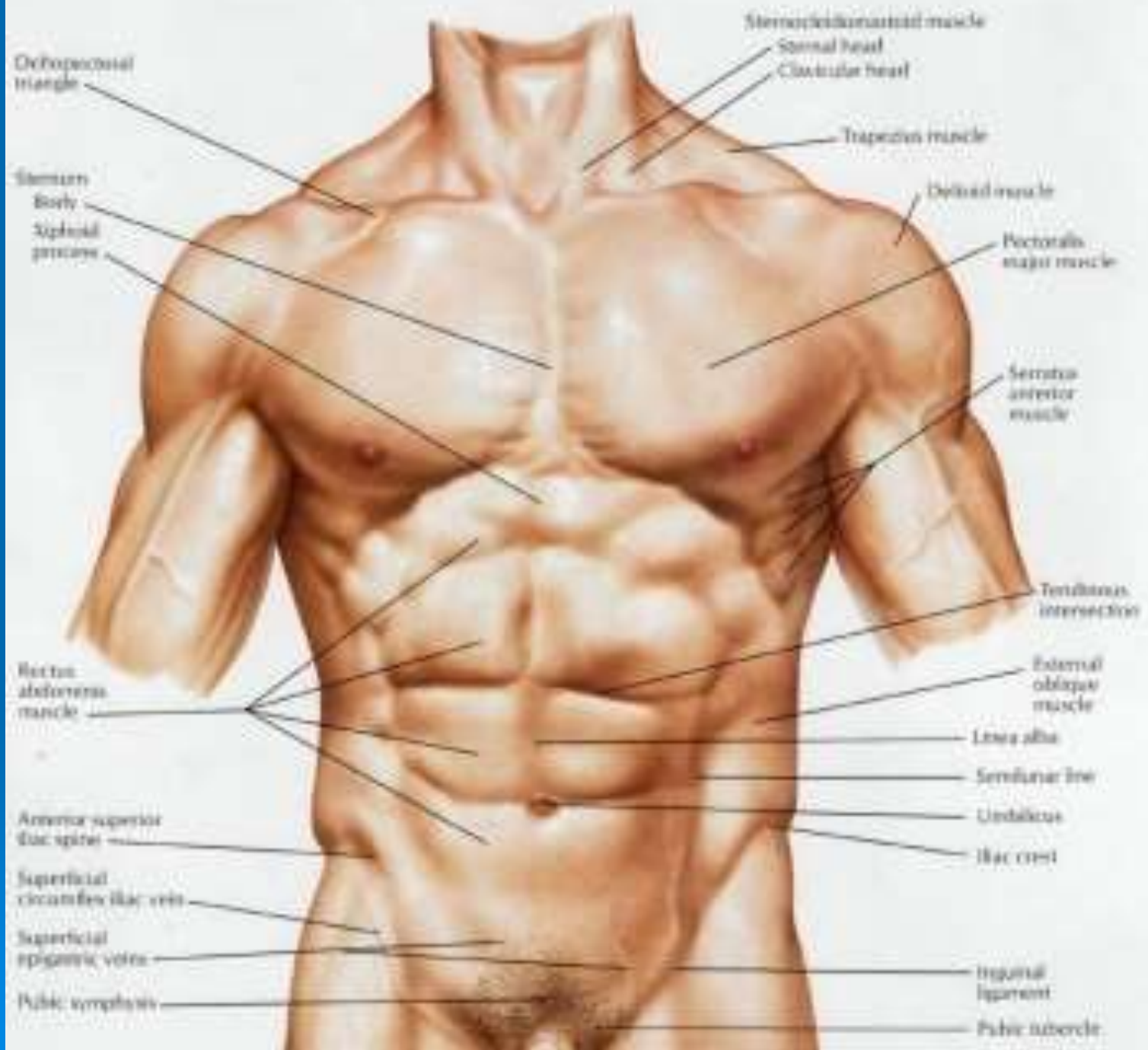


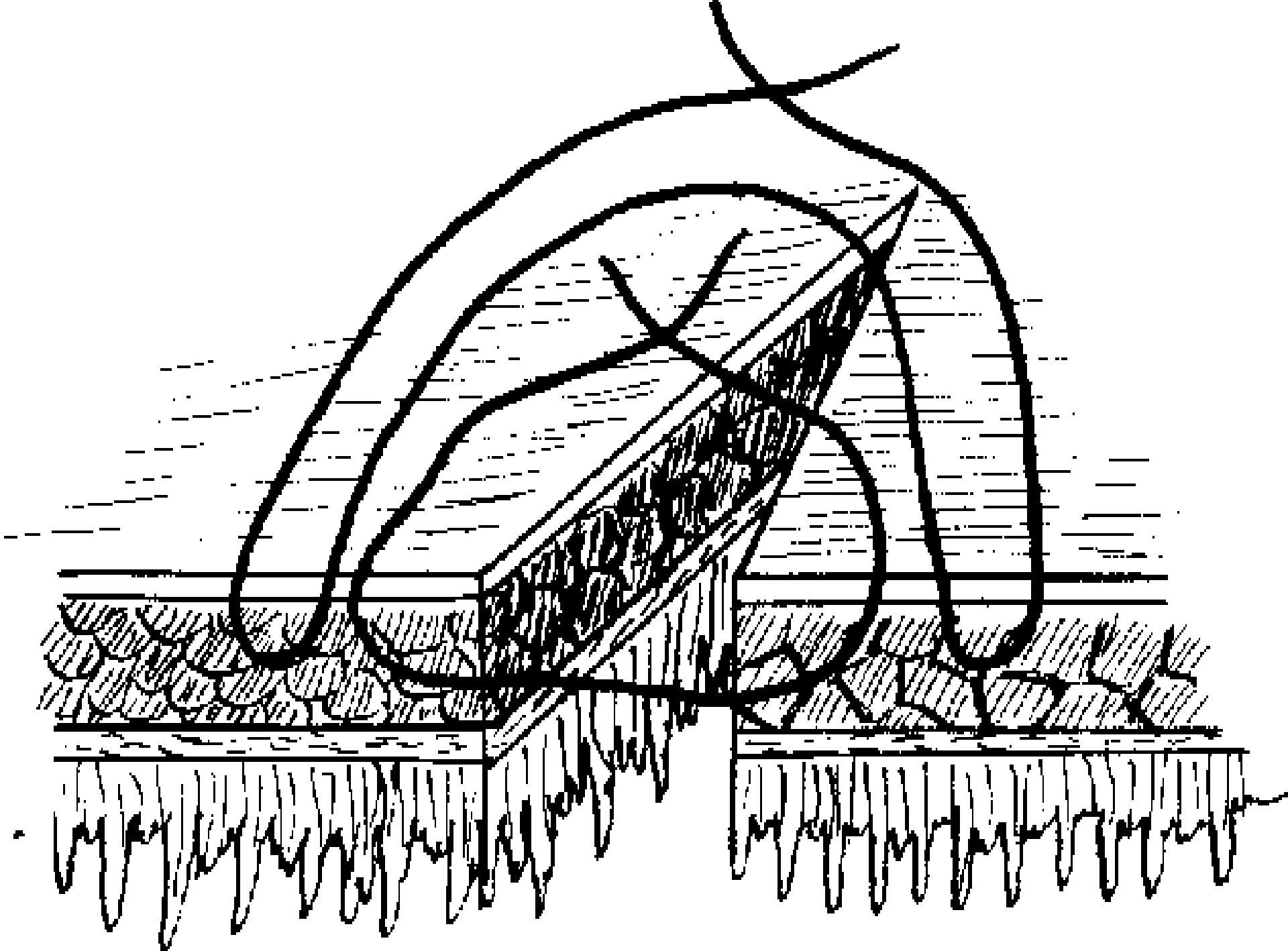


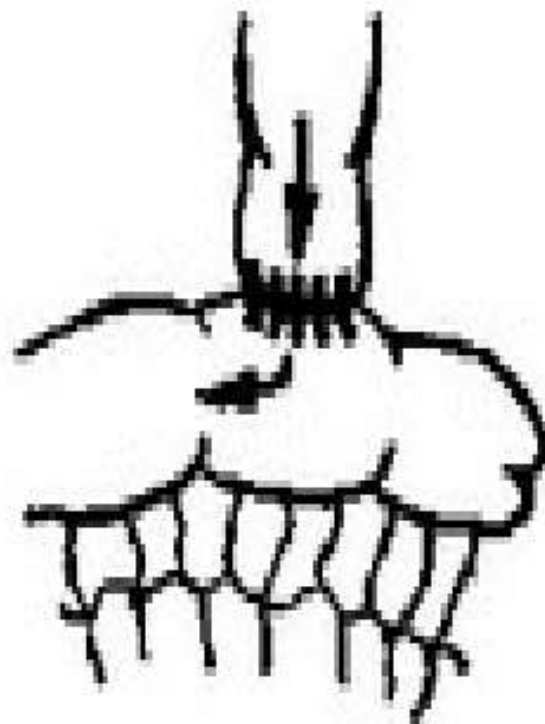
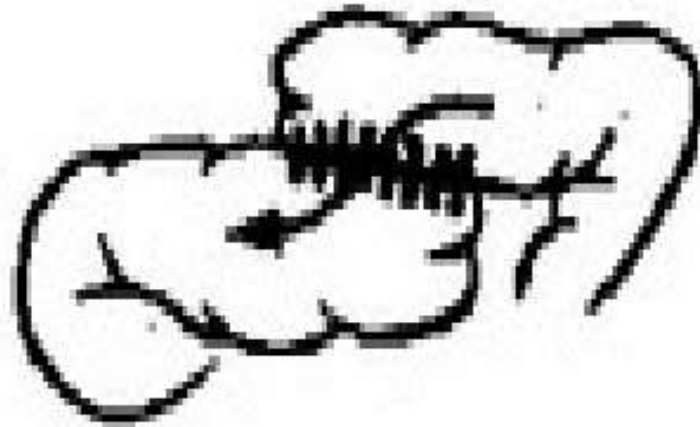


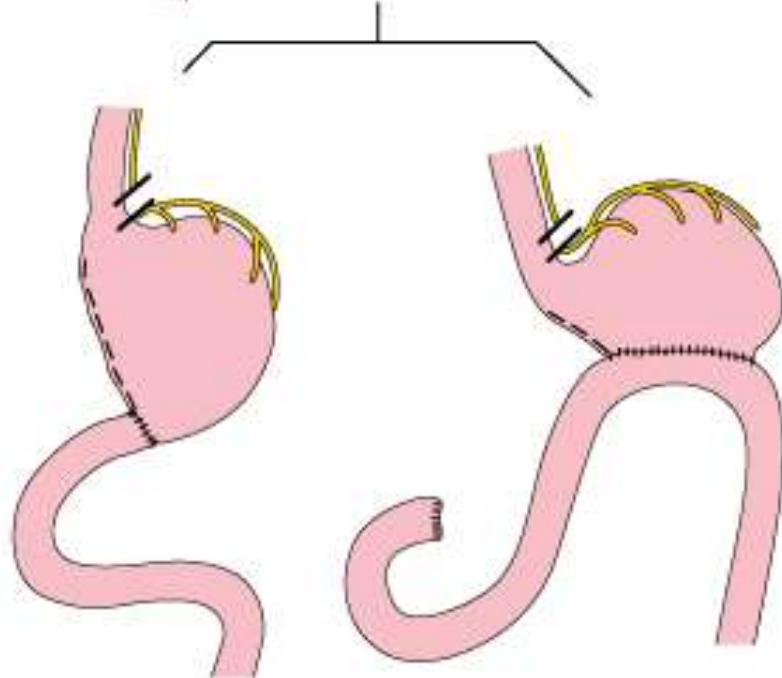
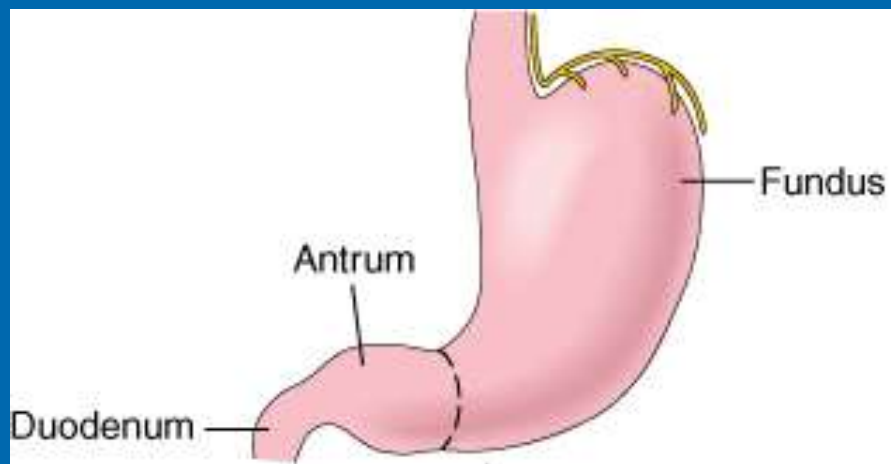










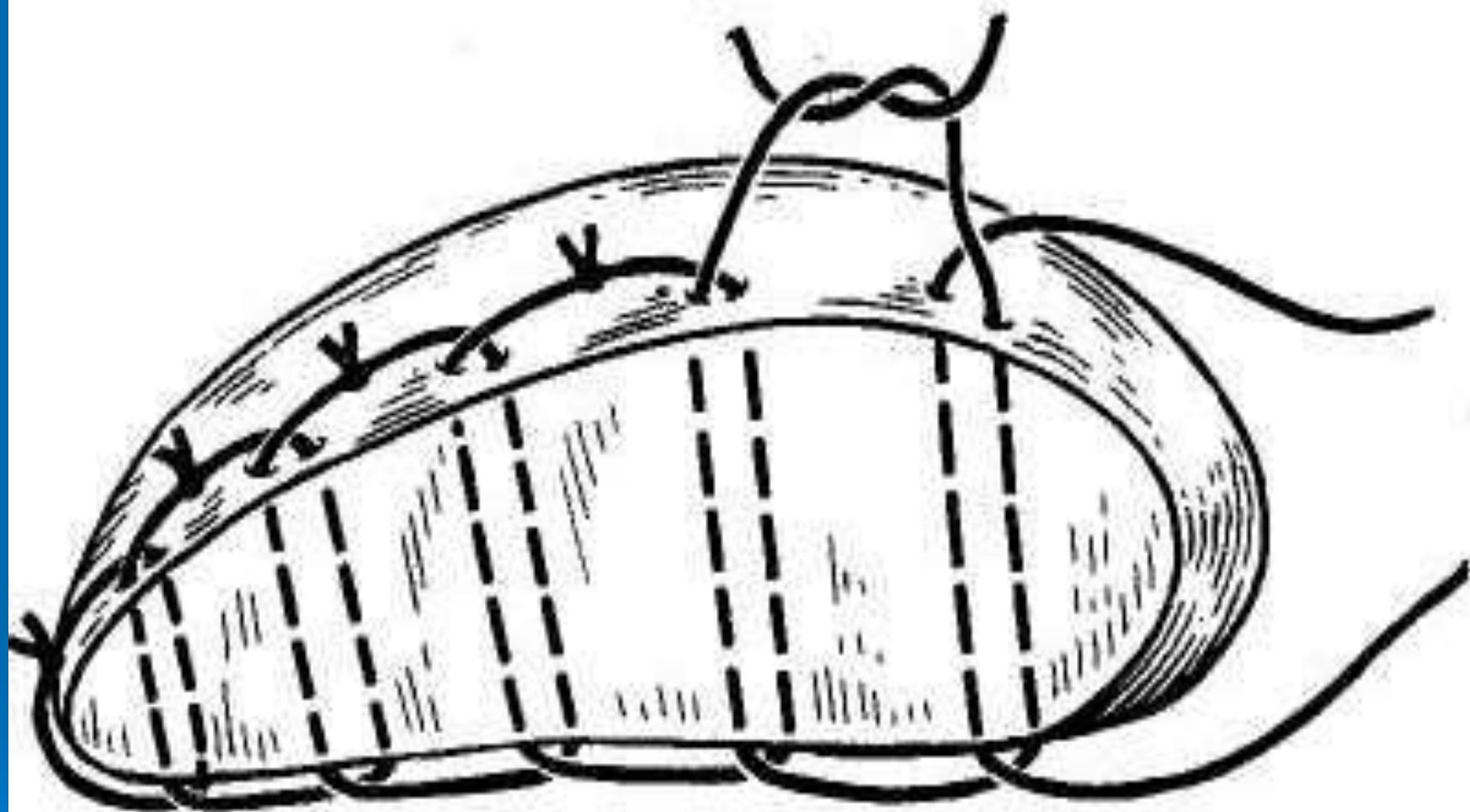


Billroth I

Billroth II

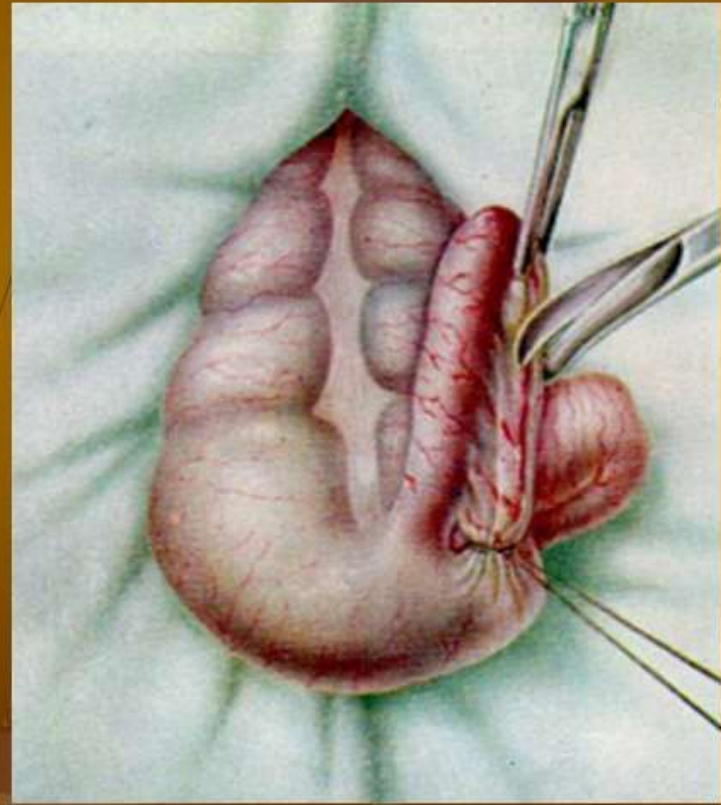
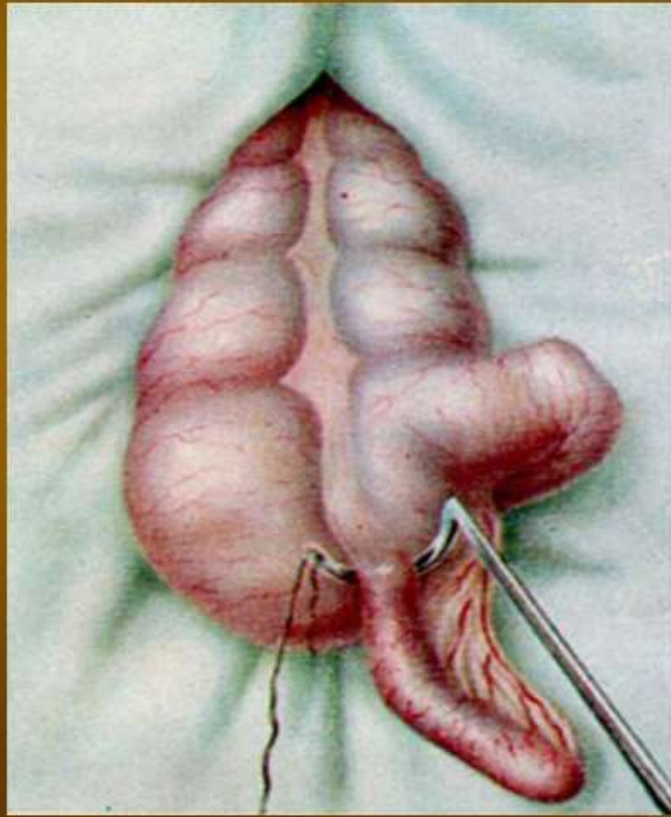
Source: Fauci AS, Kasper DL, Braunwald E, Hauser SL, Longo DL, Jameson JL, Loscalzo J: *Harrison's Principles of Internal Medicine*, 17th Edition: <http://www.accessmedicine.com>

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"Open" appendectomy: ligation of the appendix mesentery



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