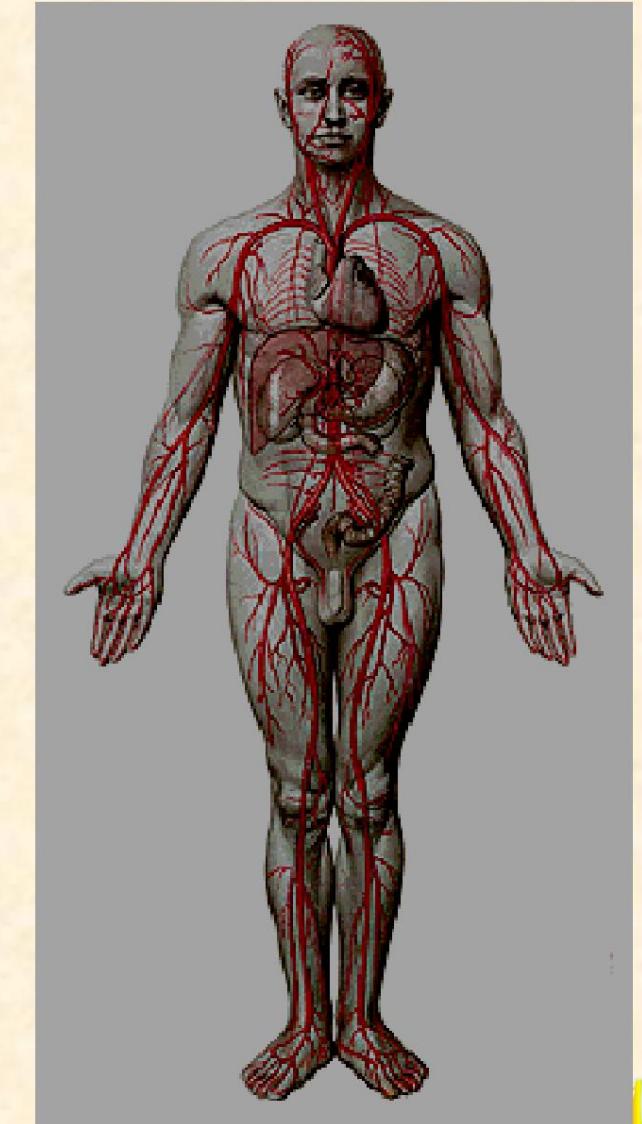


CIRCULATORY SYSTEM – blood vessels

Agata Przyborska, MD, PhD



Capillaries:

- They create the so-called microcirculation, and its components are:
 - Metarterioles - enable rapid blood flow from the arterial to the venous bed, bypassing the nutritional vessels
 - thanks to sphincters remaining under nervous control precapillary
 - Capillaries, the actual capillaries - branches of metarterioles

Veins

- **Venules from the capillary bed join - veins:**
Thin-walled, mainly elastic fibers and collagen
These are the so-called volumetric vessels – collect approximately 65% of blood
- **Large diameter – low resistance – low pressure**
- **The presence of valves helps in the flow of blood to the heart**

Pulse test

temporal t

t. facial

cervical t

brachial t

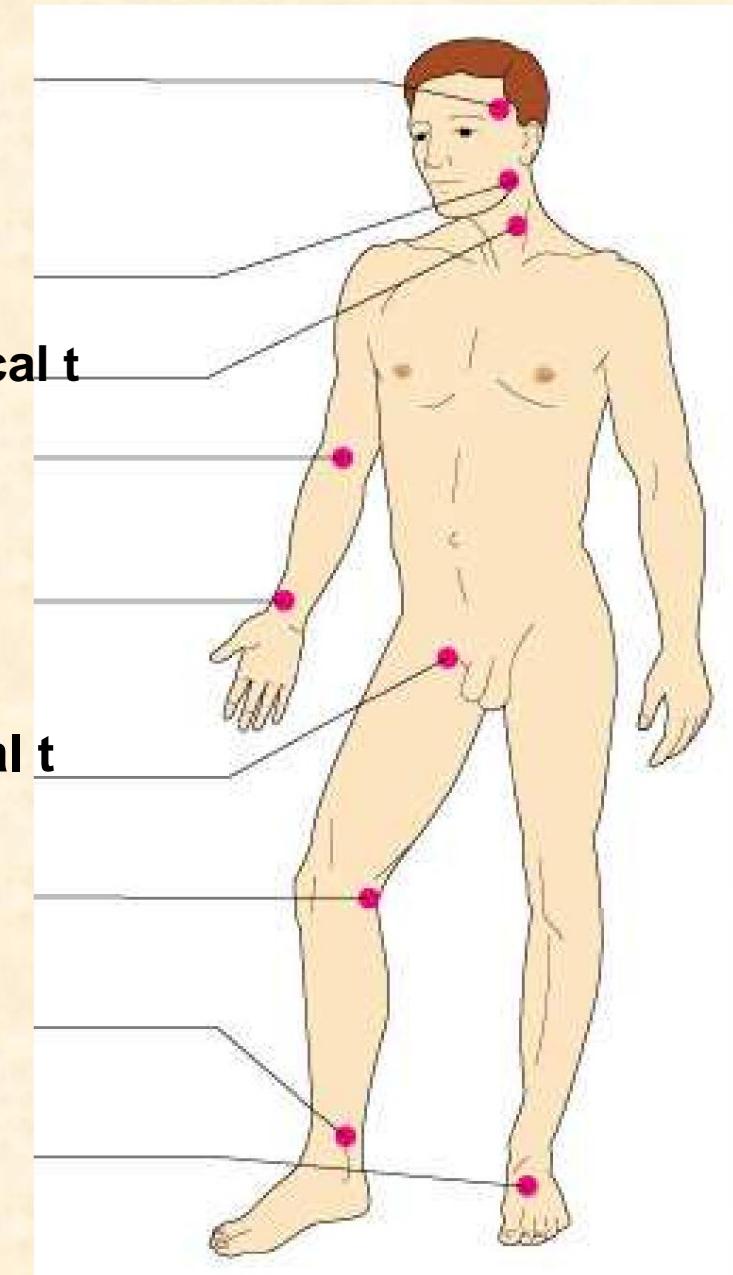
radial t

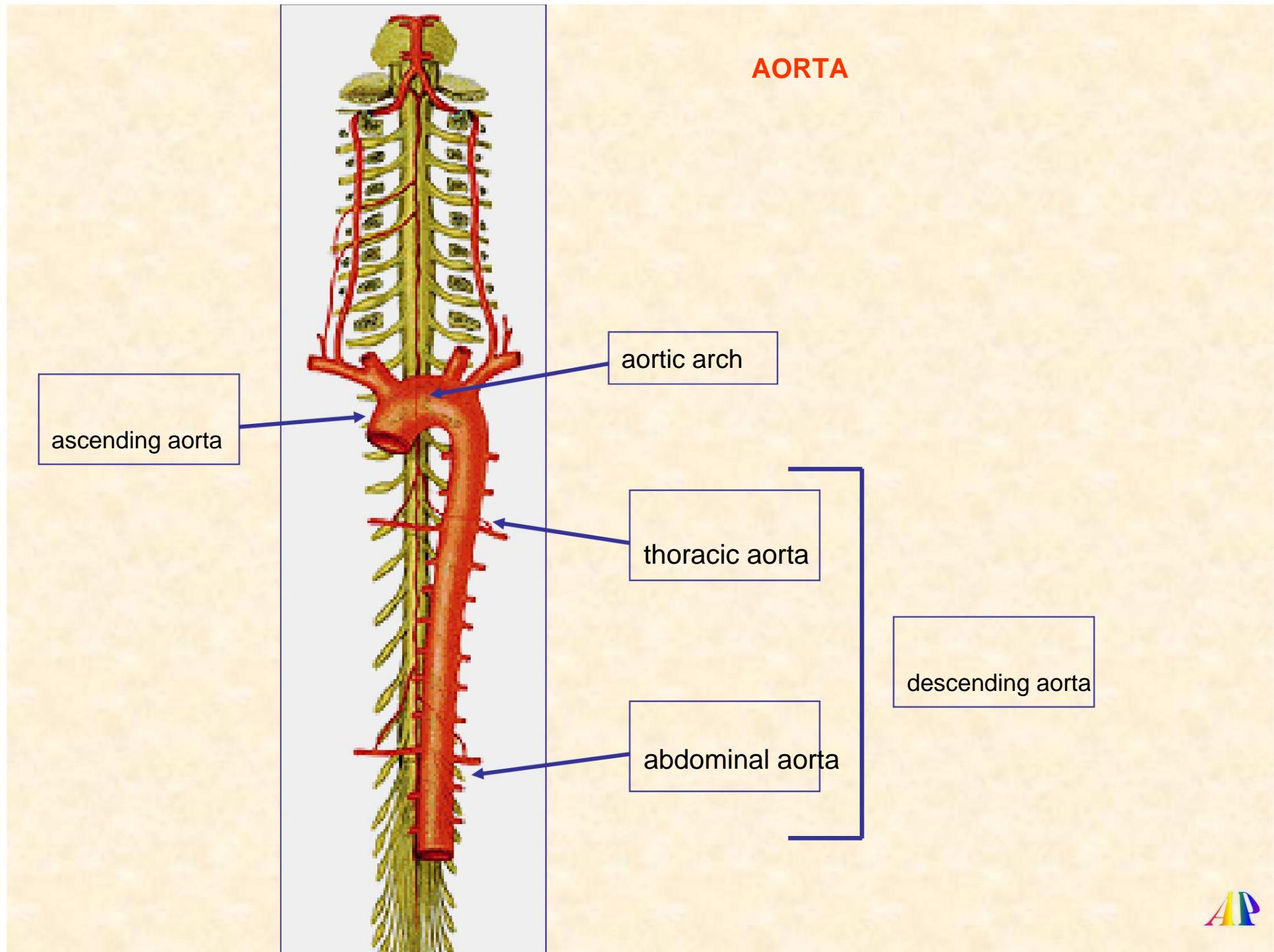
femoral t

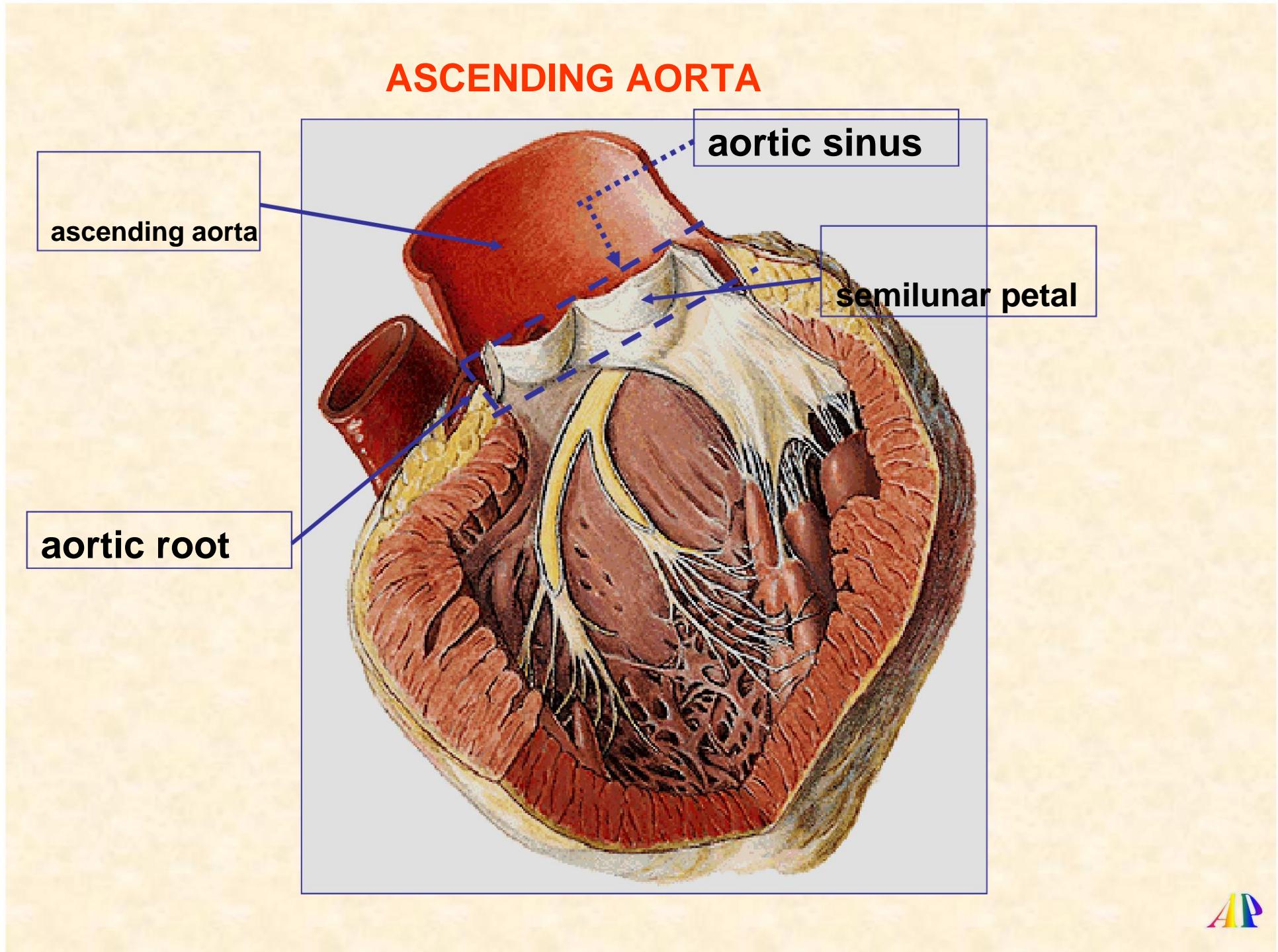
popliteal t

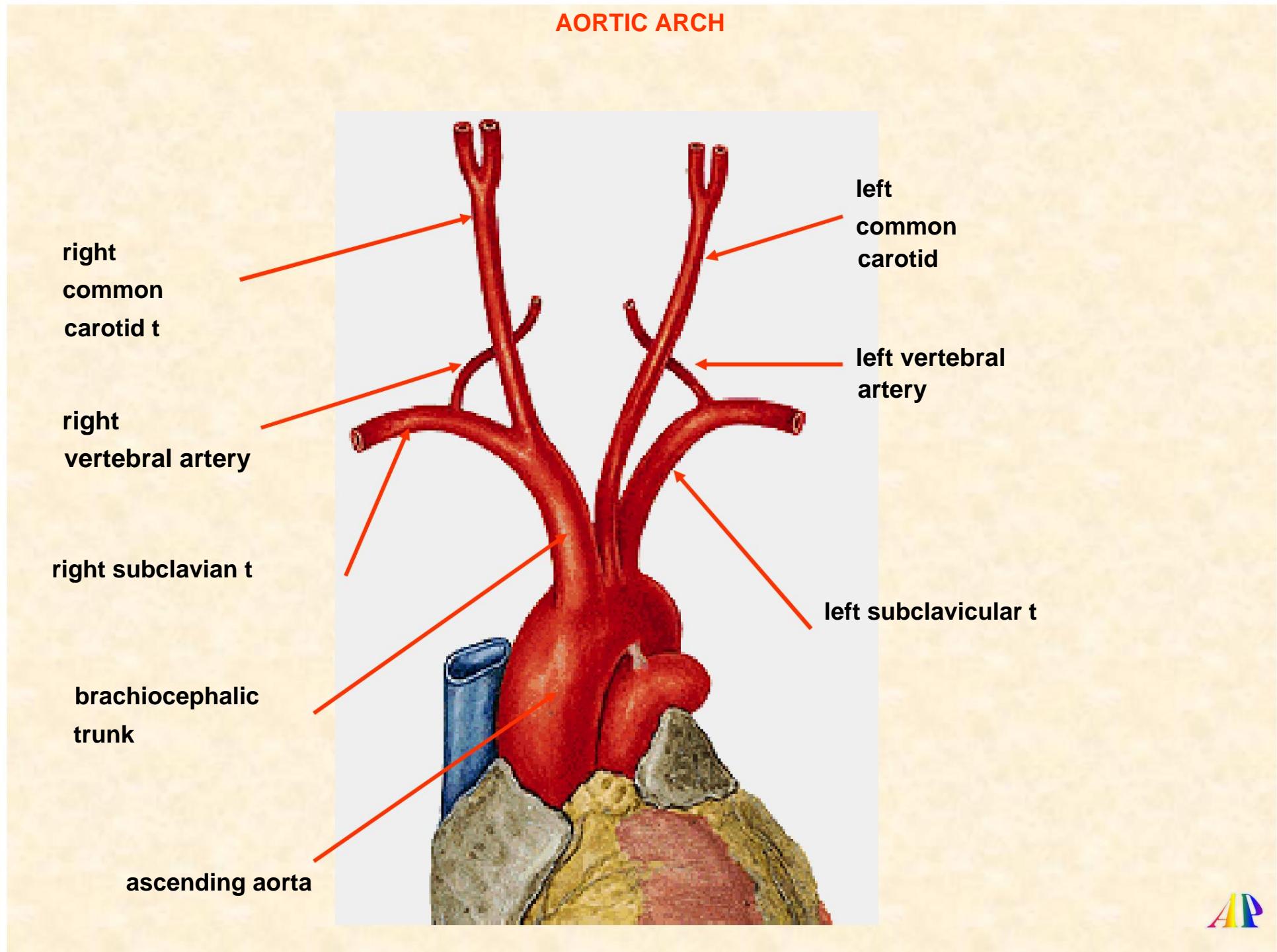
tibial t

dorsal foot t

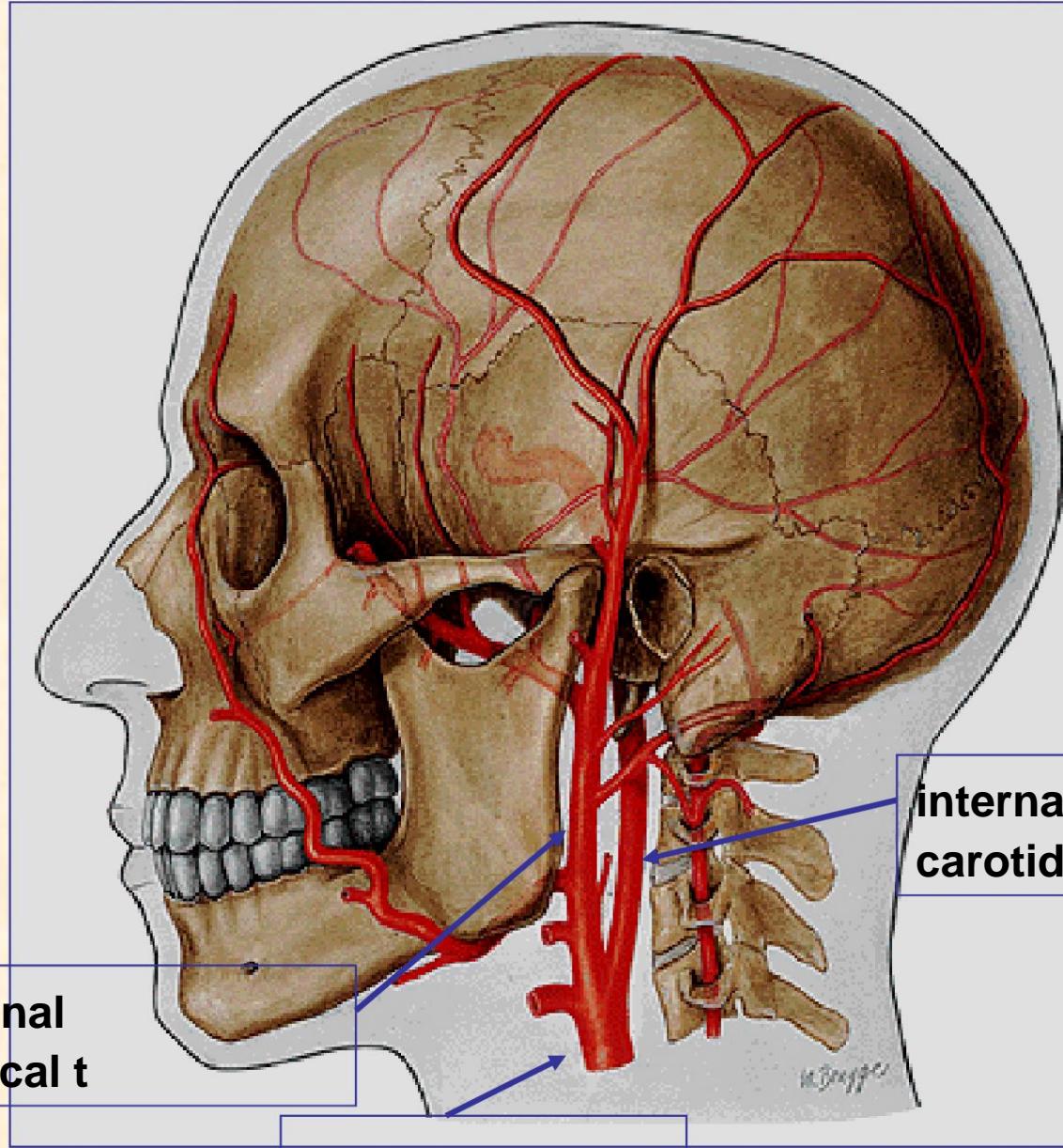




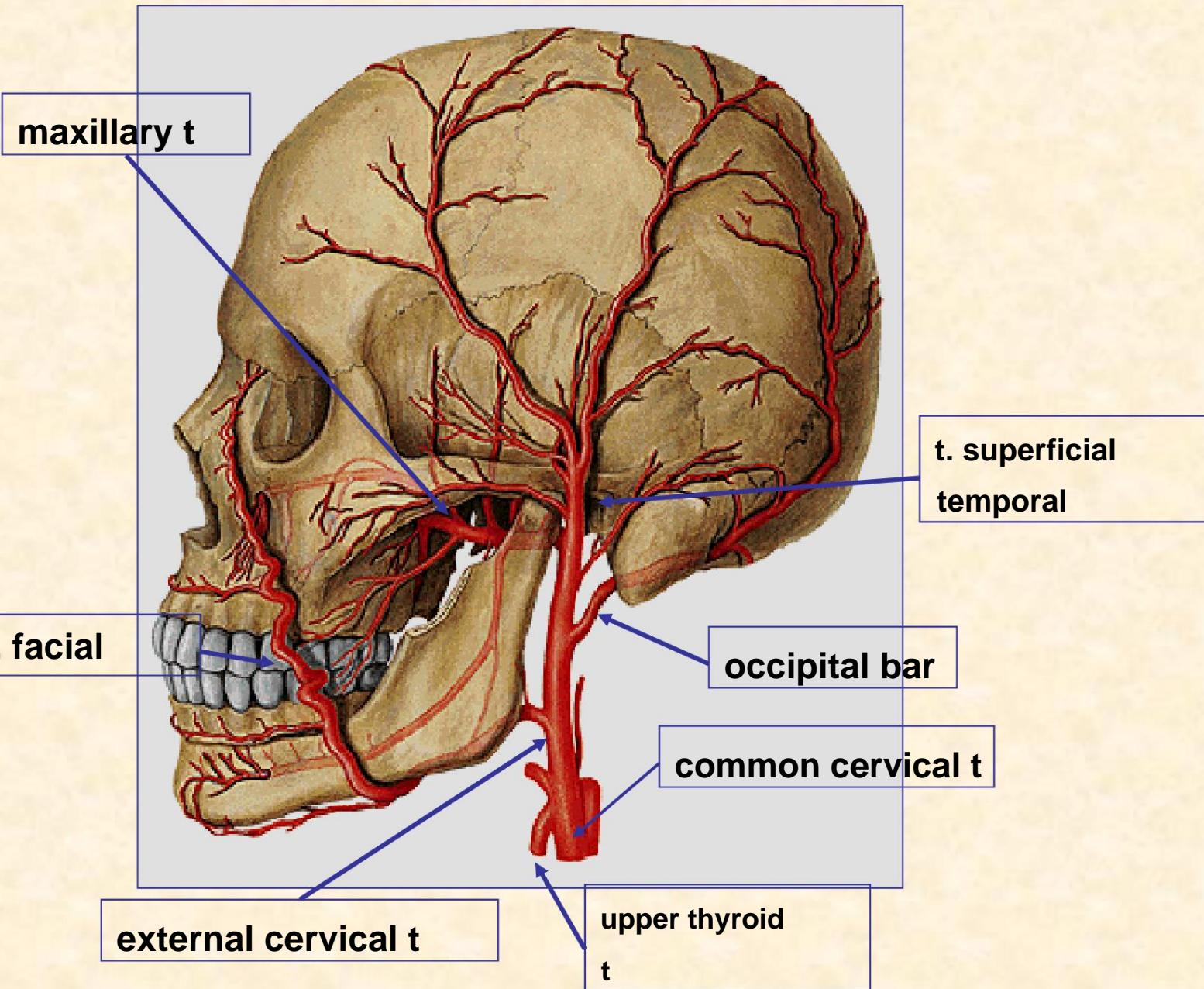




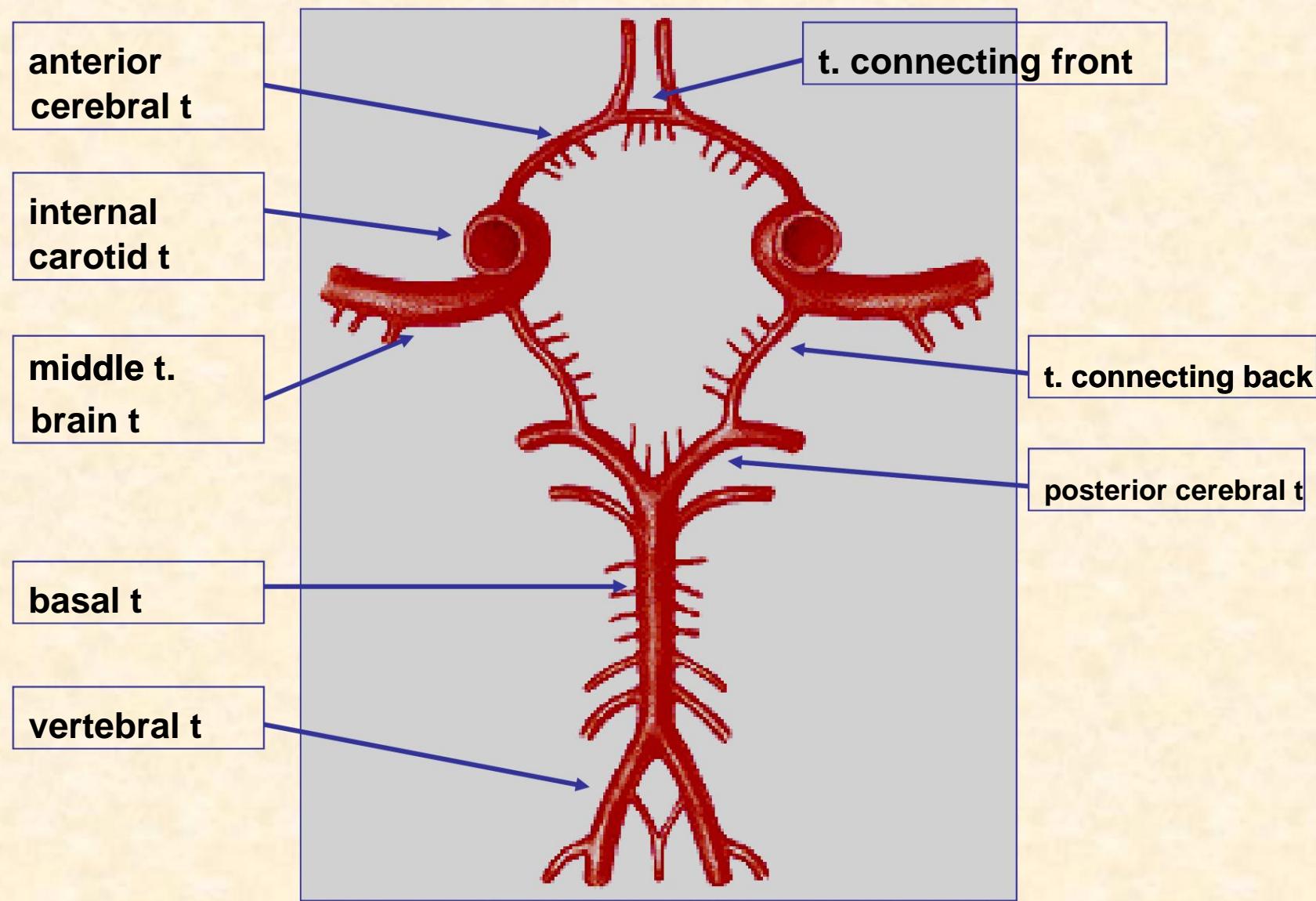
COMMON CAROTAL ARTERY



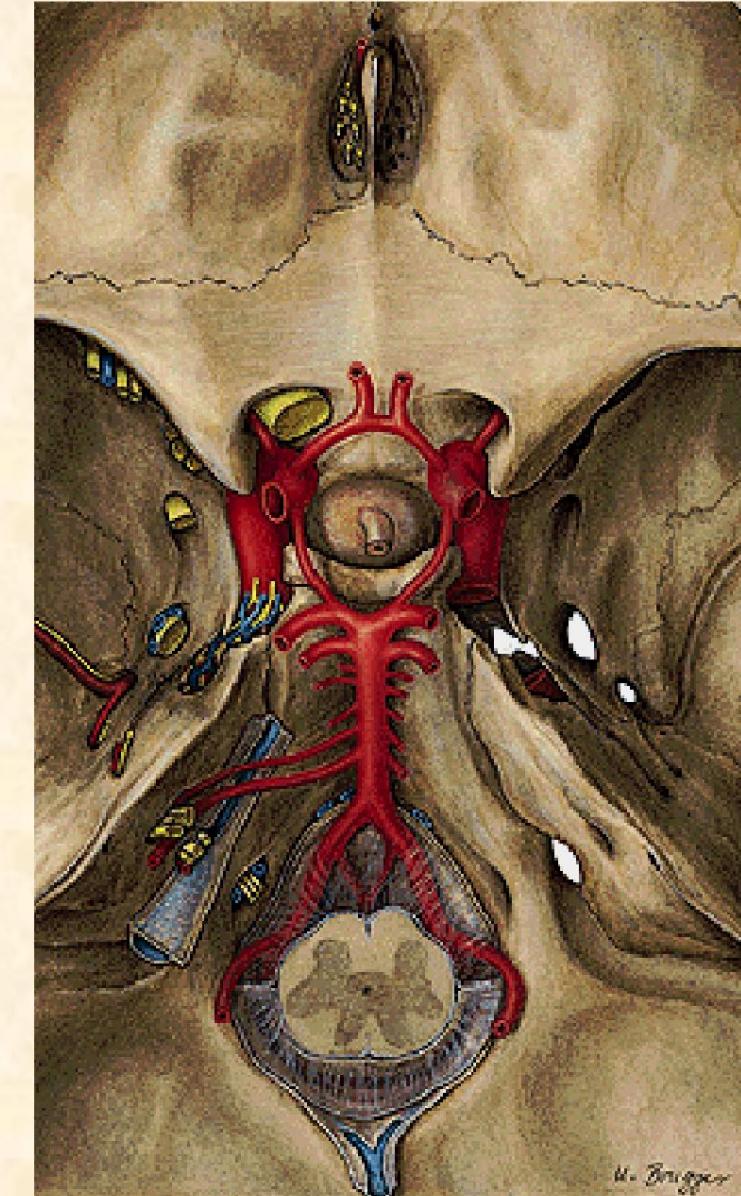
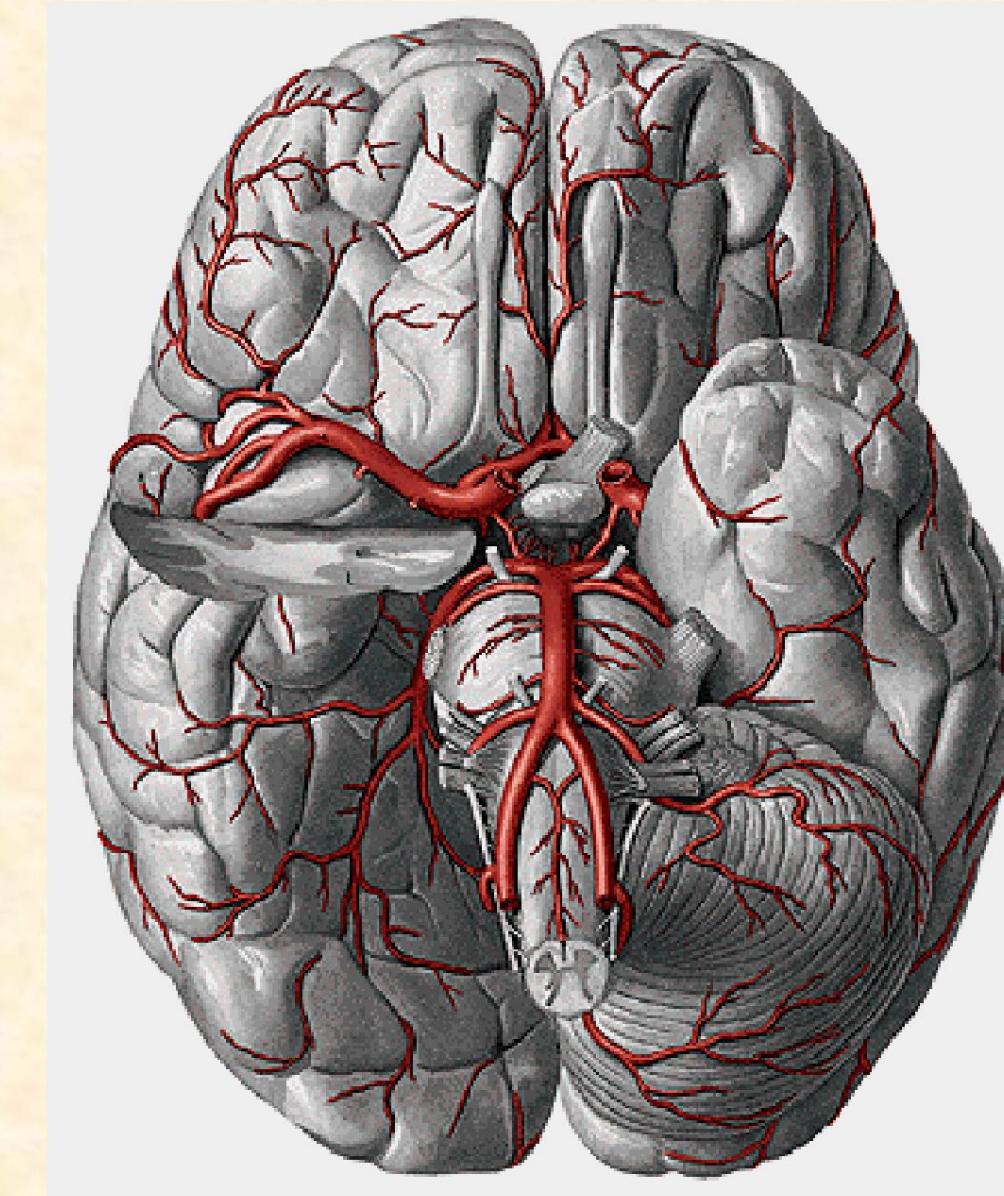
EXTERNAL CAROTAL ARTERY



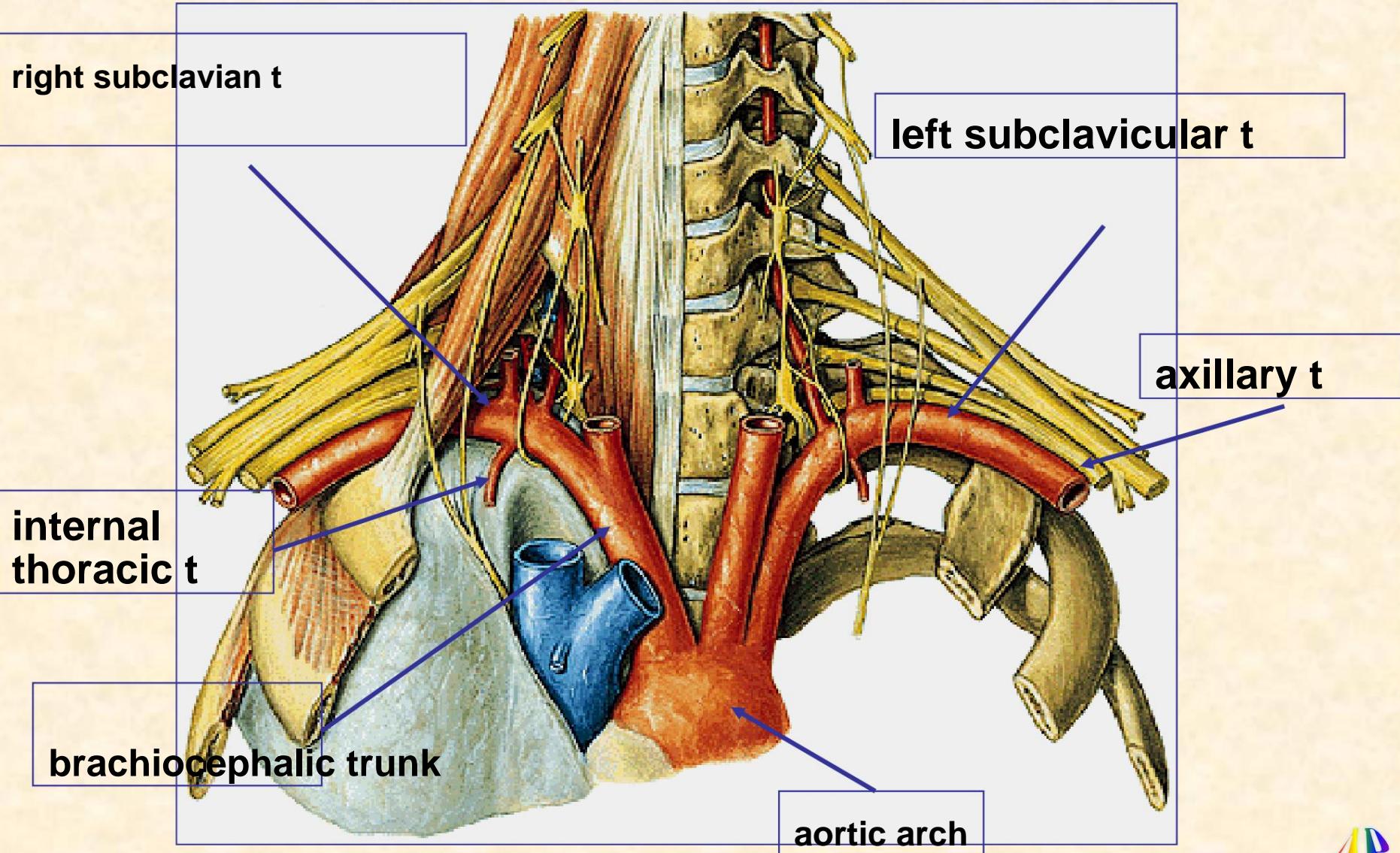
INTERNAL CAROTID ARTERY, arterial circle of the brain



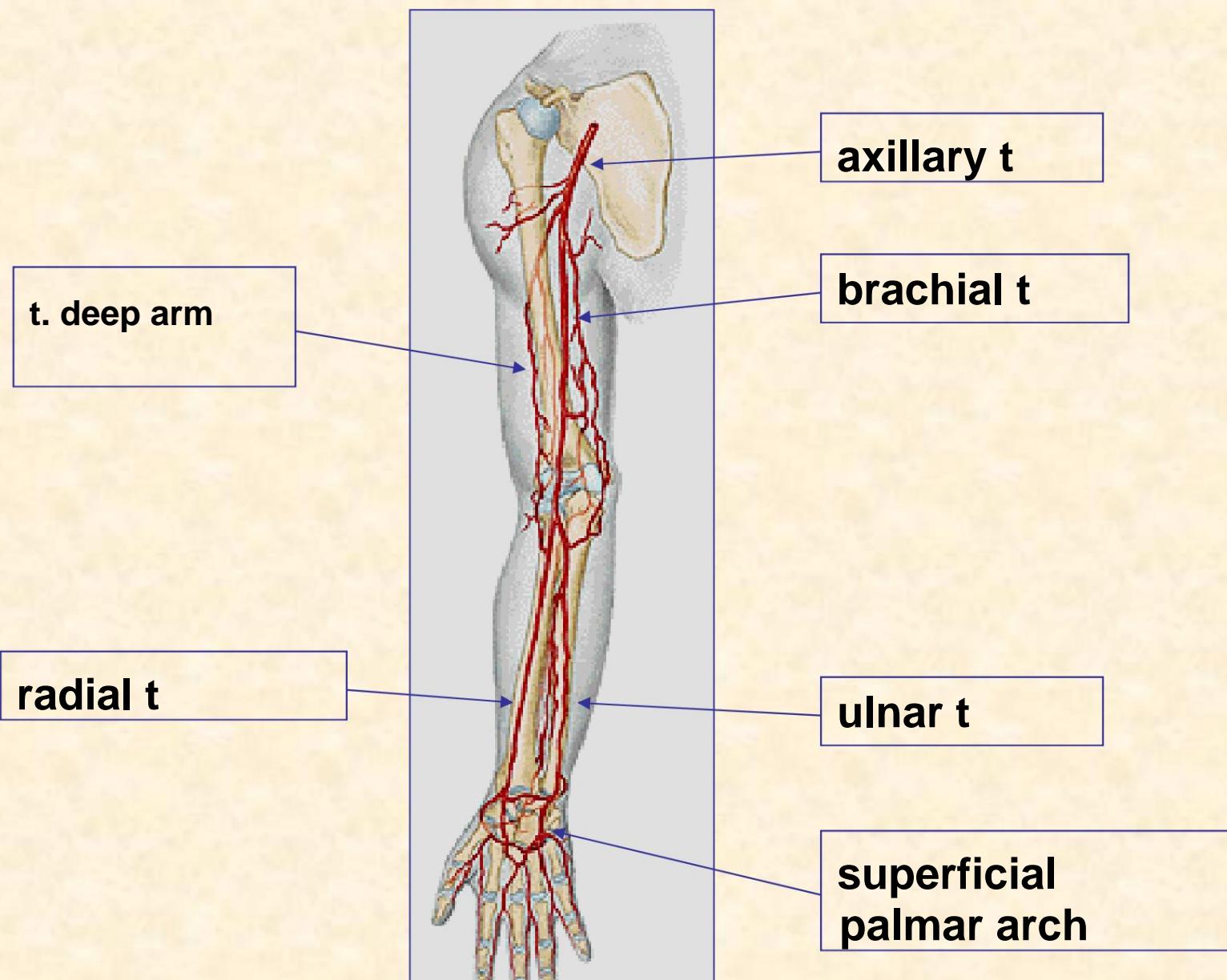
INTERNAL CAROTID ARTERY, arterial circle of the brain



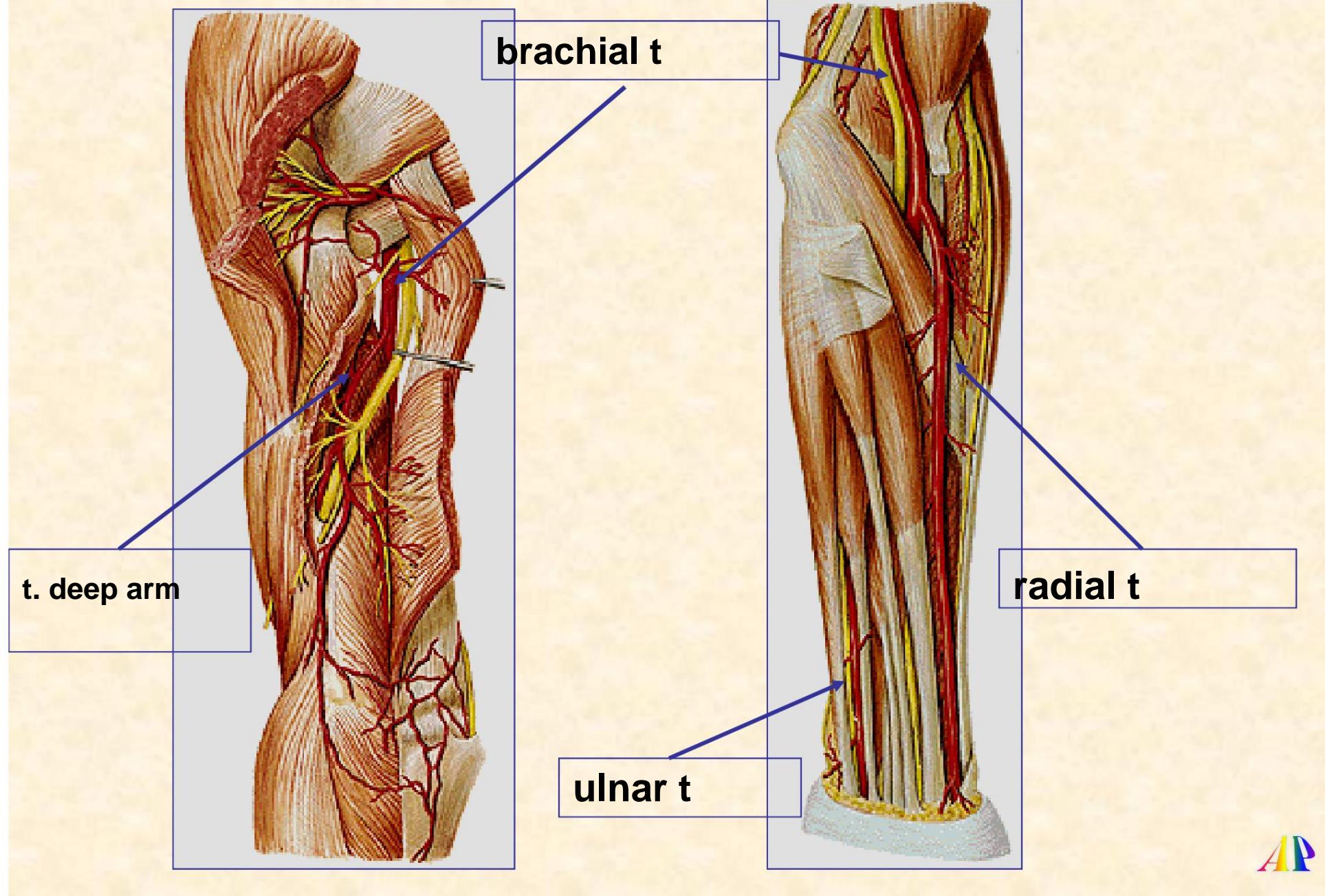
ARTERY VASCULARITY OF THE UPPER LIMB



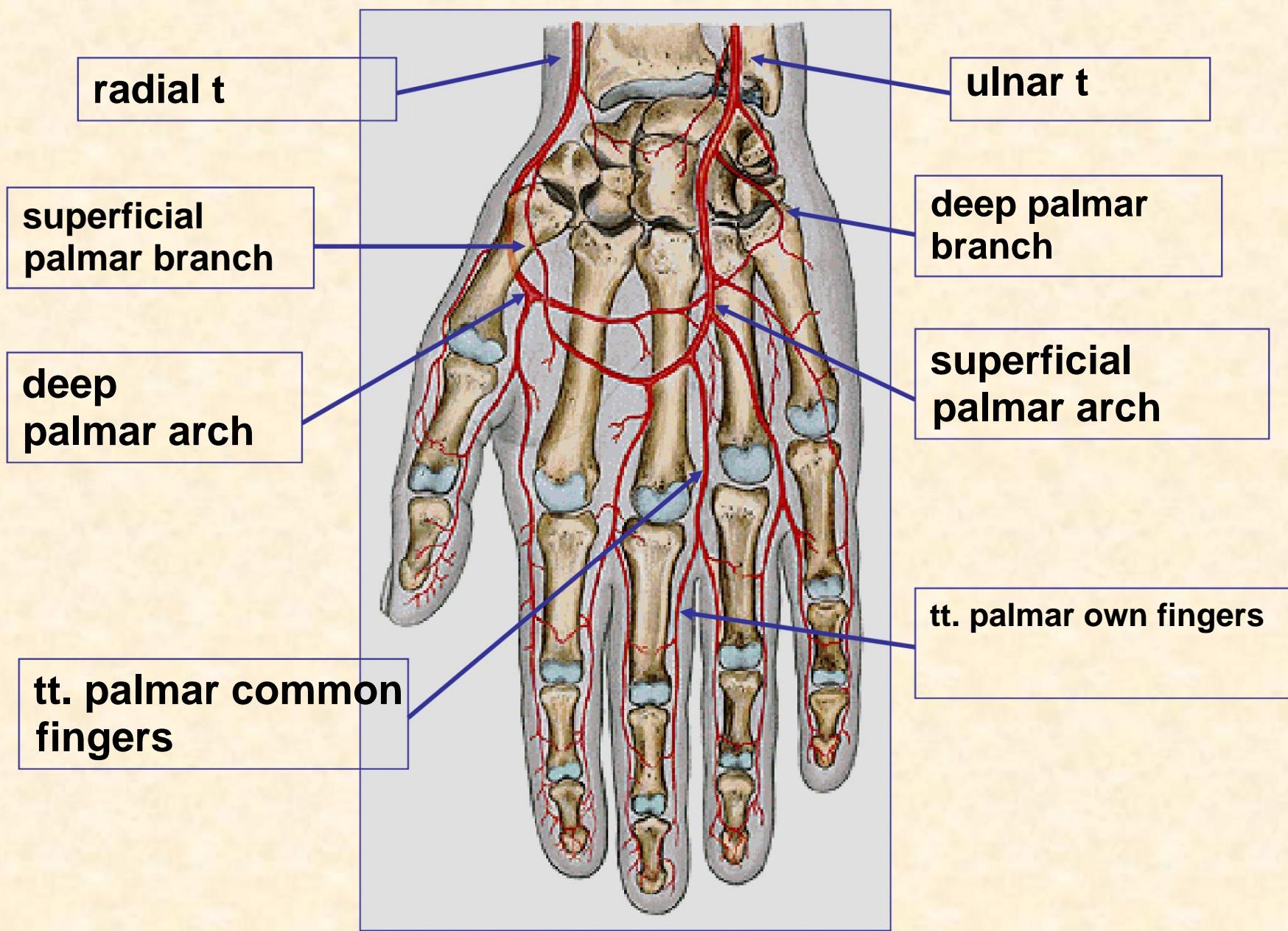
ARTERY VASCULARITY OF THE UPPER LIMB



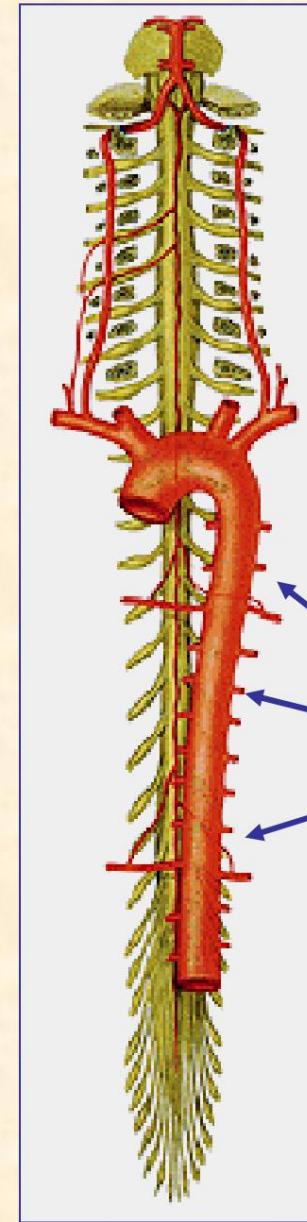
ARTERY VASCULARITY OF THE UPPER LIMB



PALM BOW

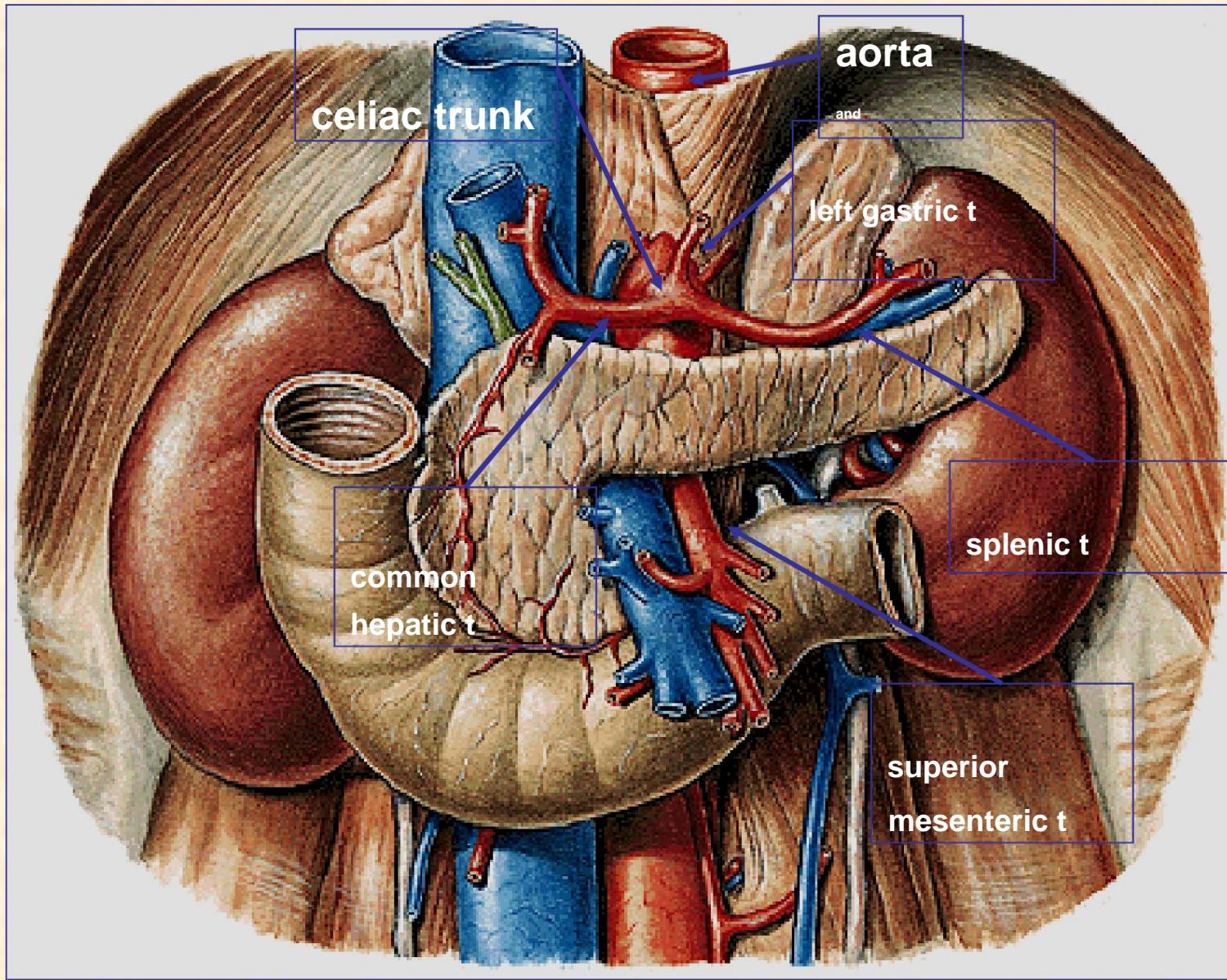


THORACIC AORTA

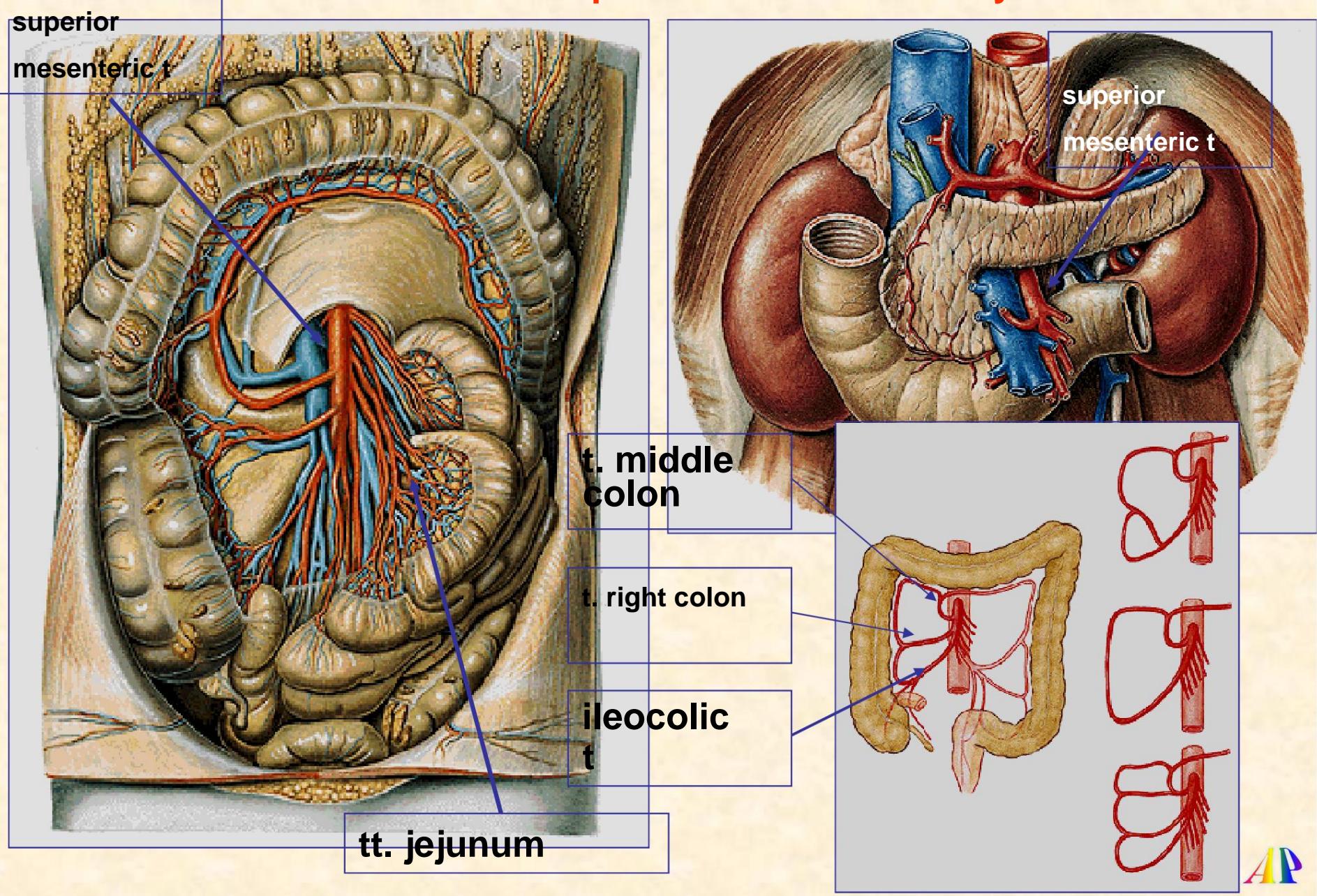


**tt. posterior
intercostal**

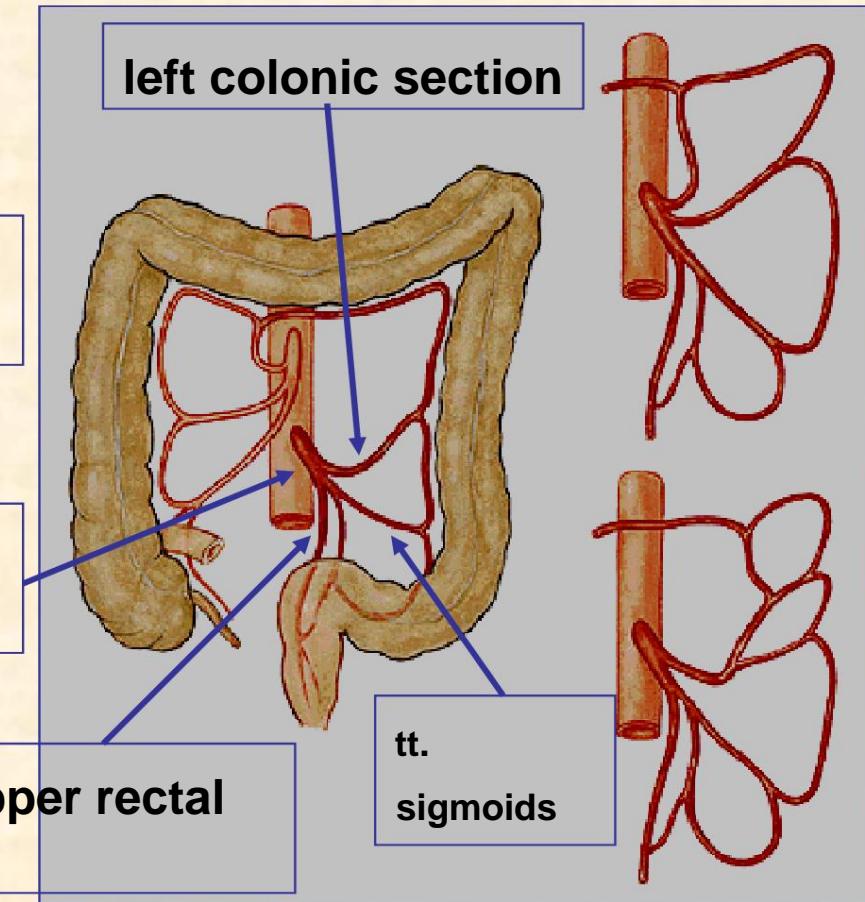
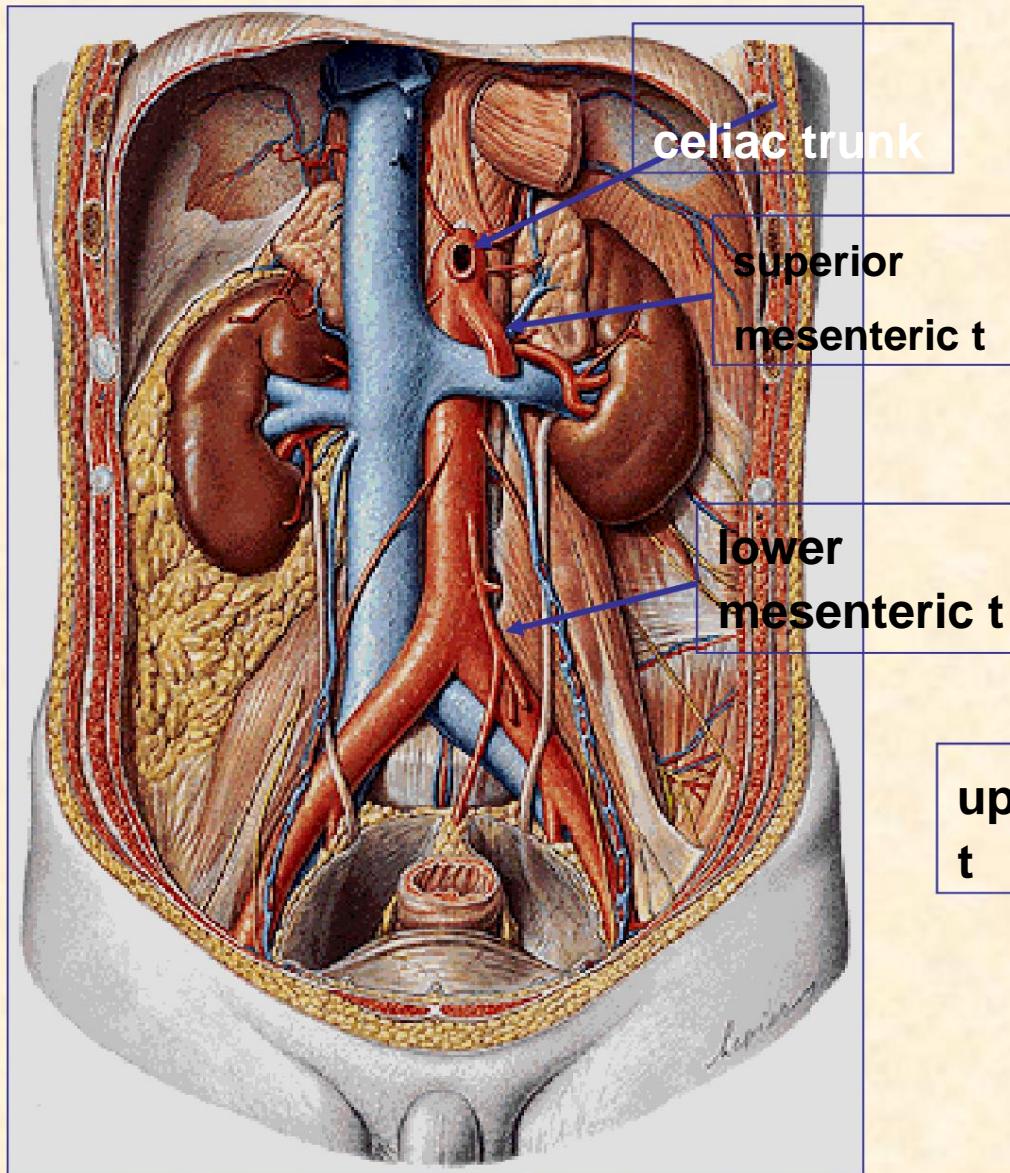
ABDOMINAL AORTA - celiac trunk



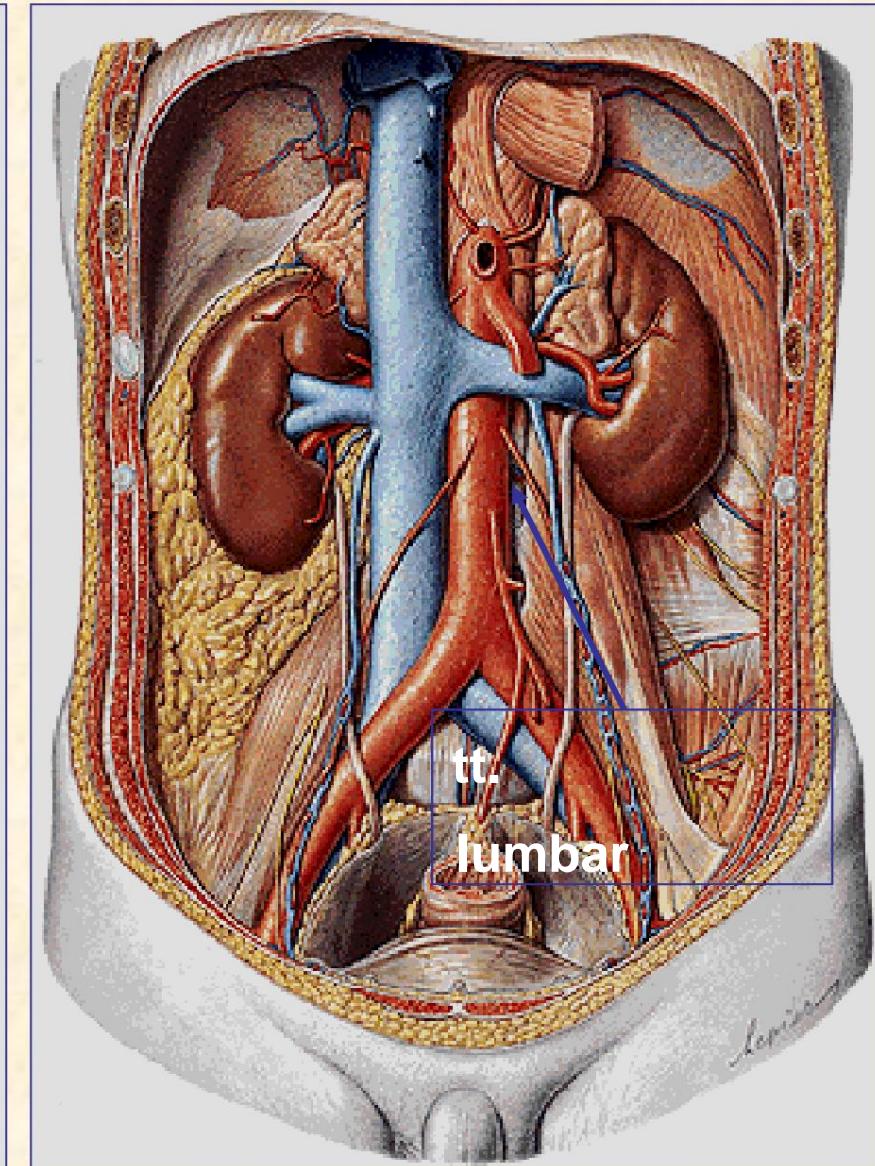
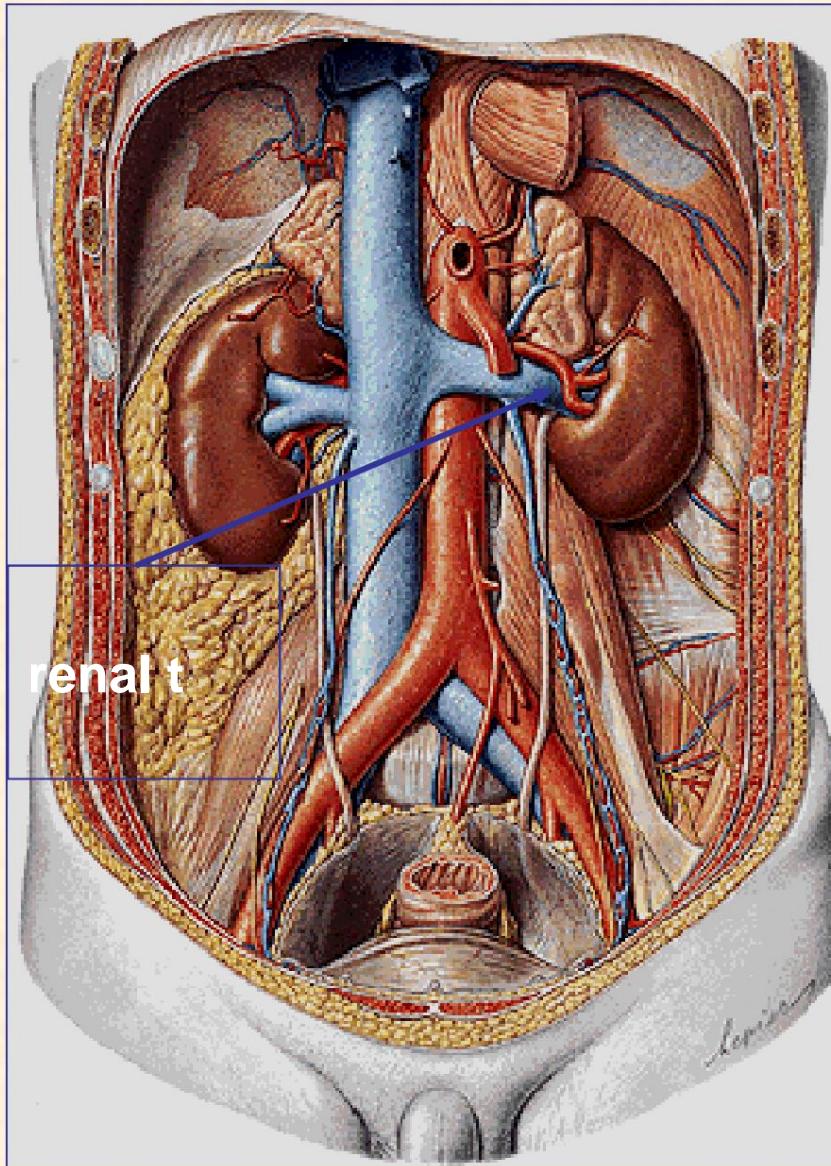
ABDOMINAL AORTA - superior mesenteric artery



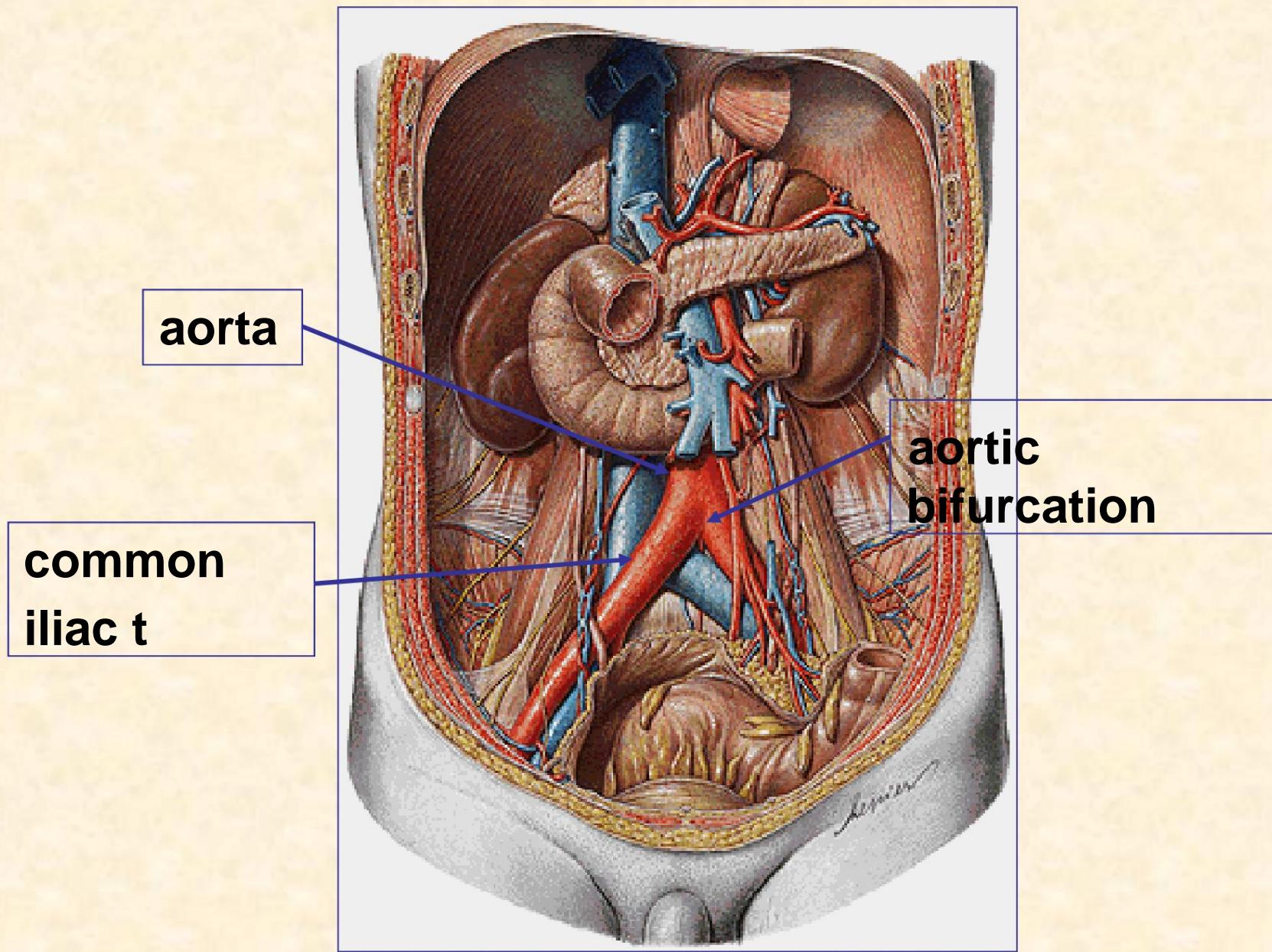
ABDOMINAL AORTA - lower mesenteric section

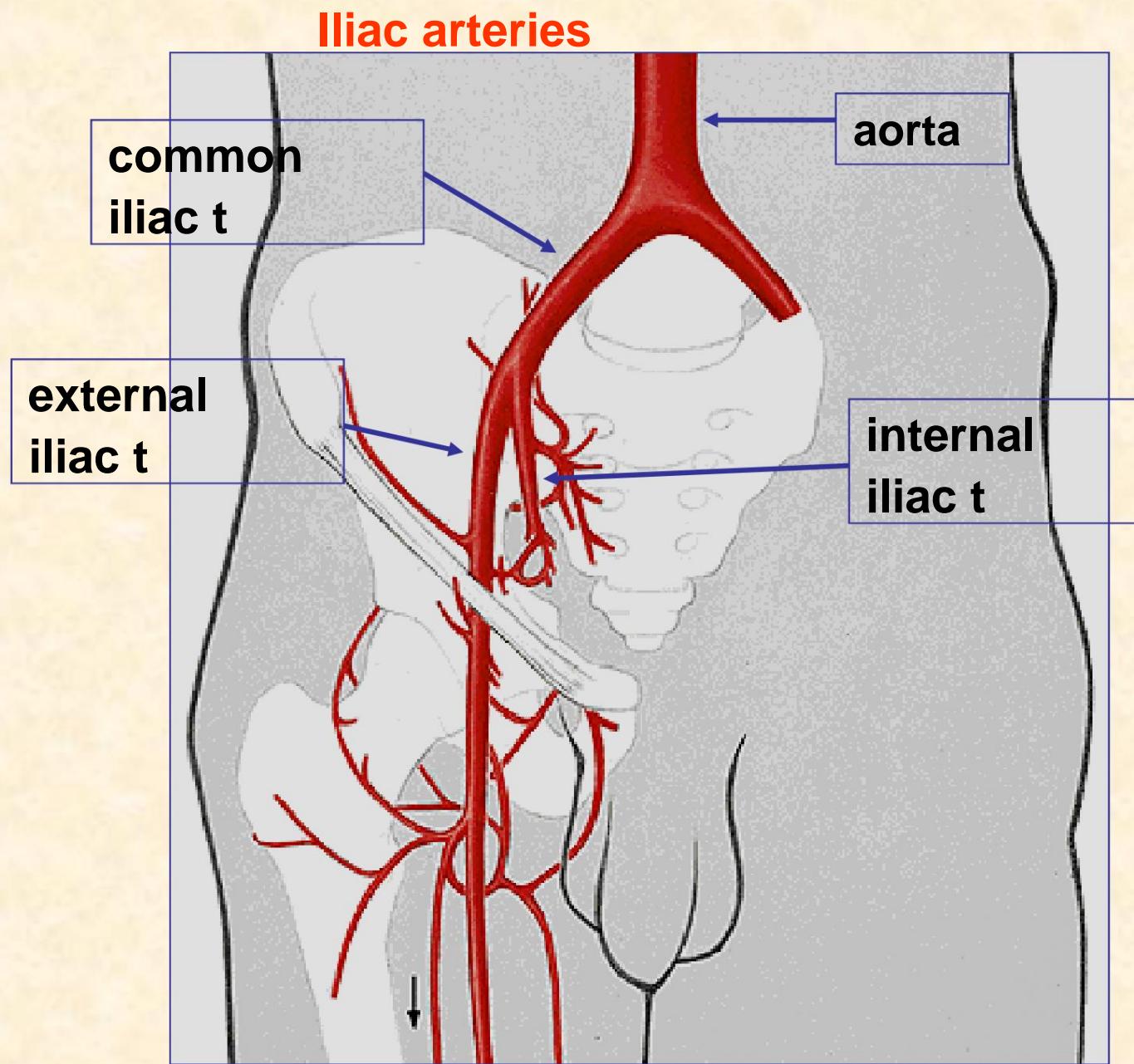


ABDOMINAL AORTA

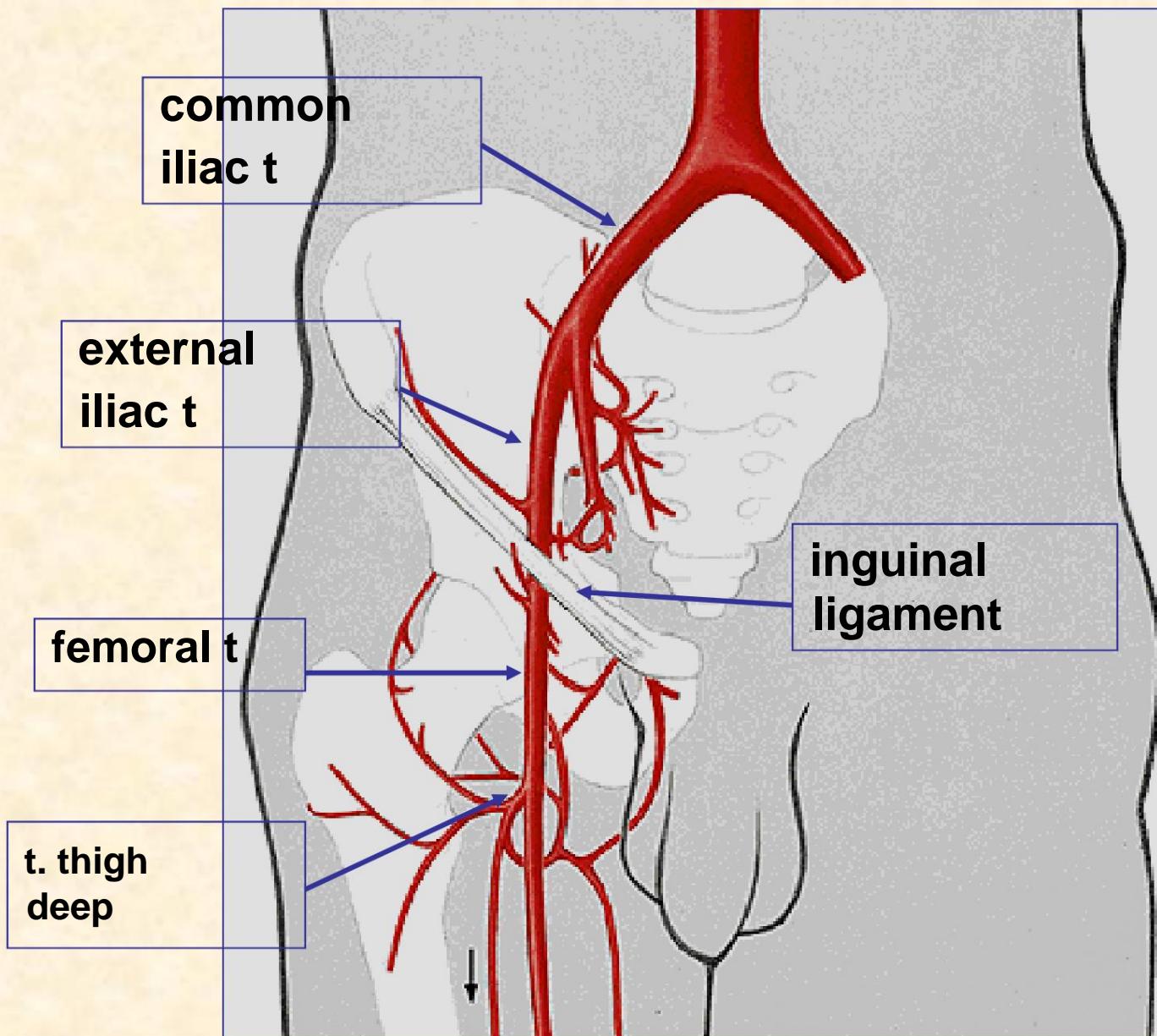


AORTA BIOPARATION

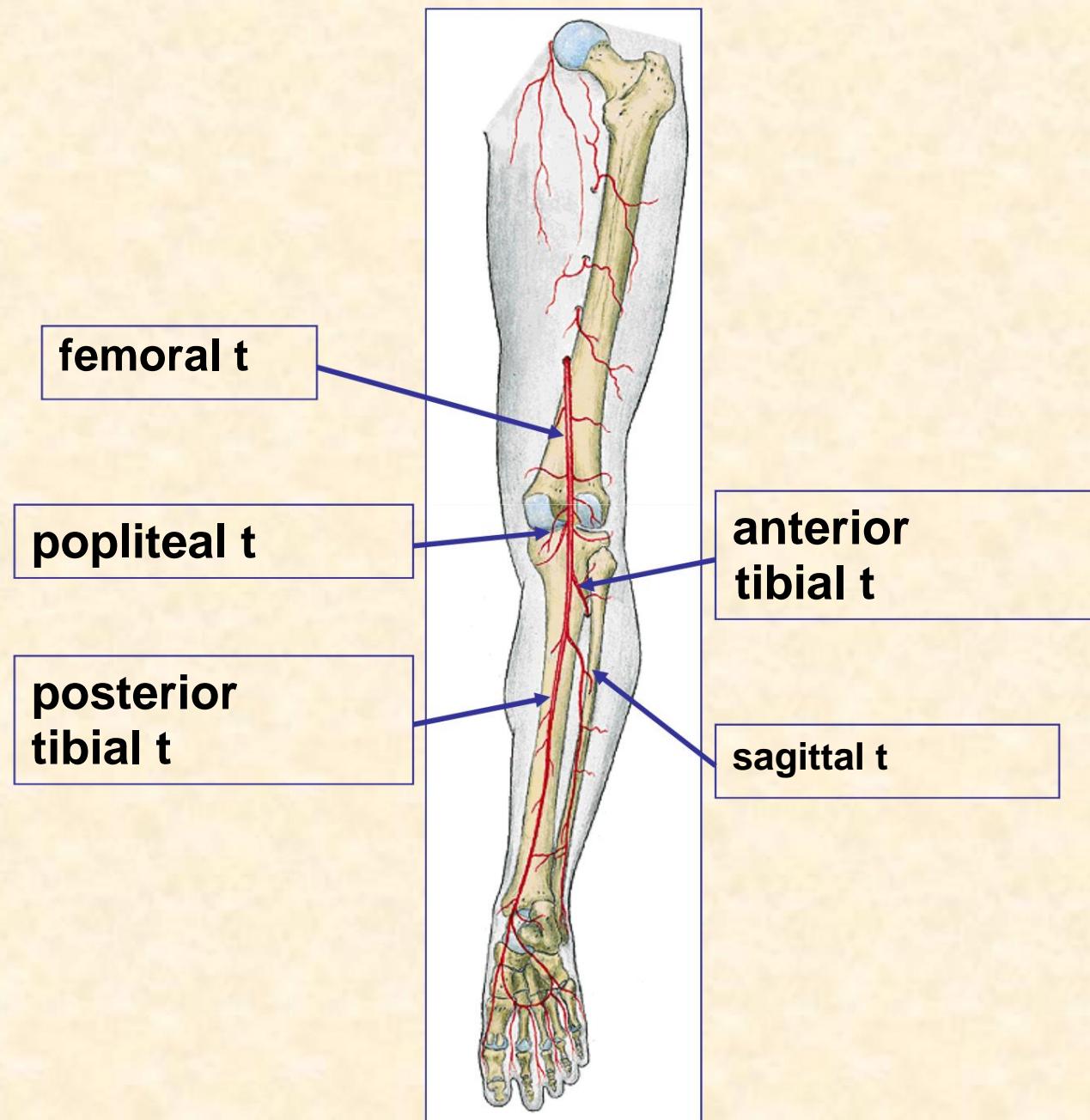




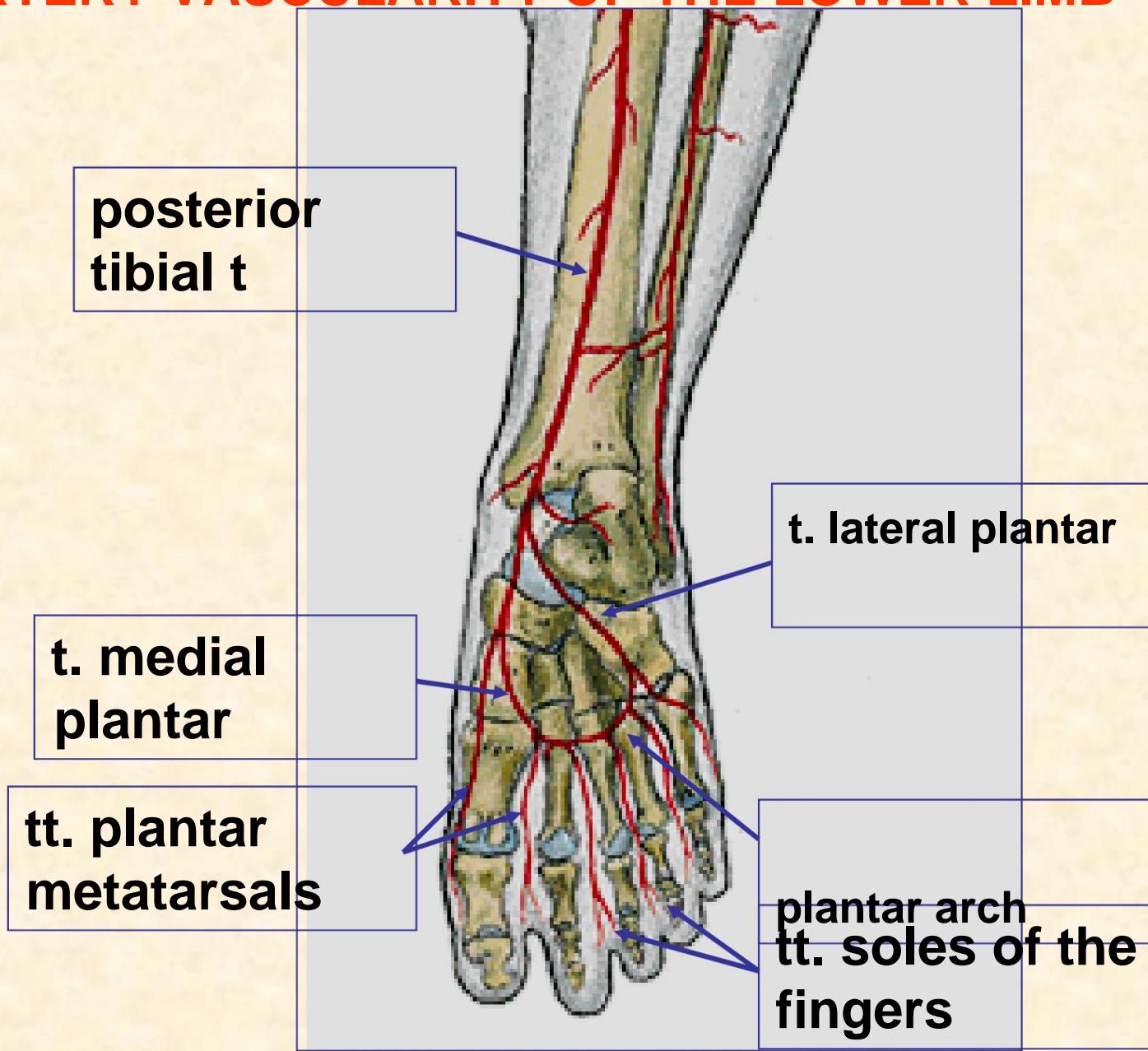
ARTERY VASCULARITY OF THE LOWER LIMB



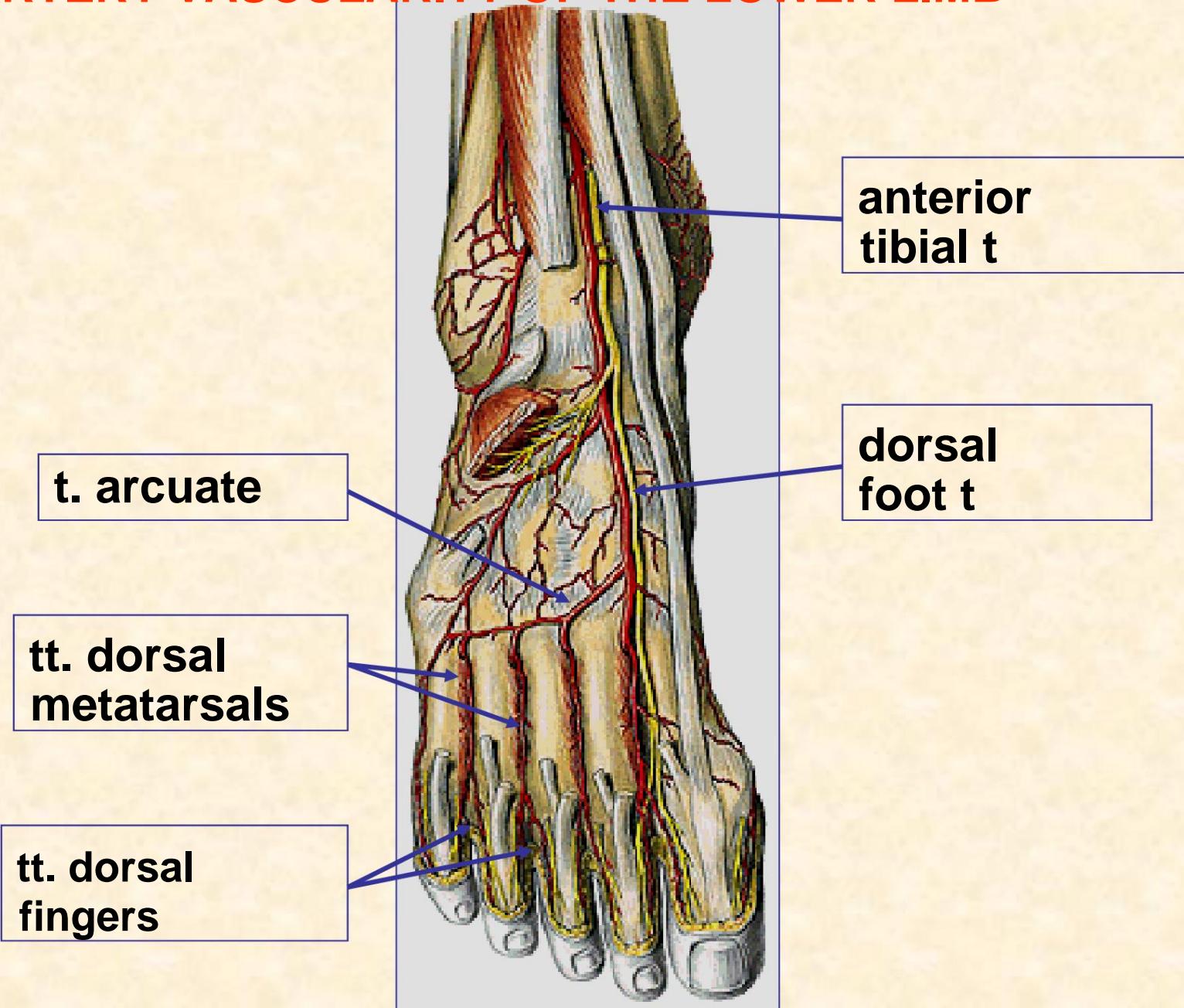
ARTERY VASCULARITY OF THE LOWER LIMB



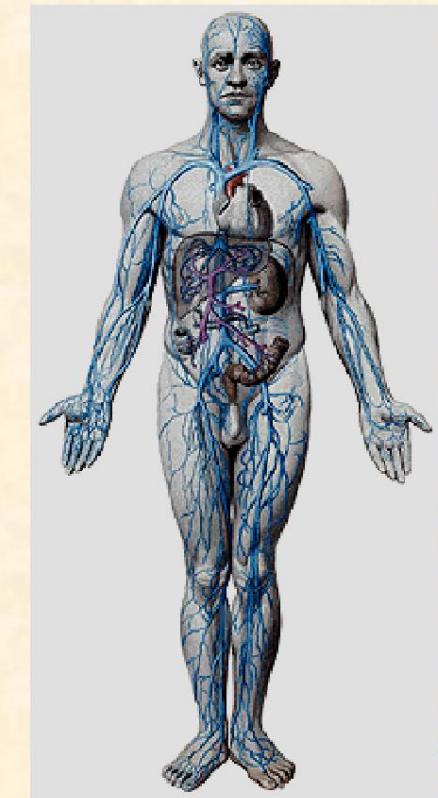
ARTERY VASCULARITY OF THE LOWER LIMB



ARTERY VASCULARITY OF THE LOWER LIMB



VENOUS SYSTEM



VENOUS SYSTEM OF THE LOWER LIMBS DIVISION

- **Superficial (cutaneous) veins:**

- great saphenous

- vein great saphenous vein

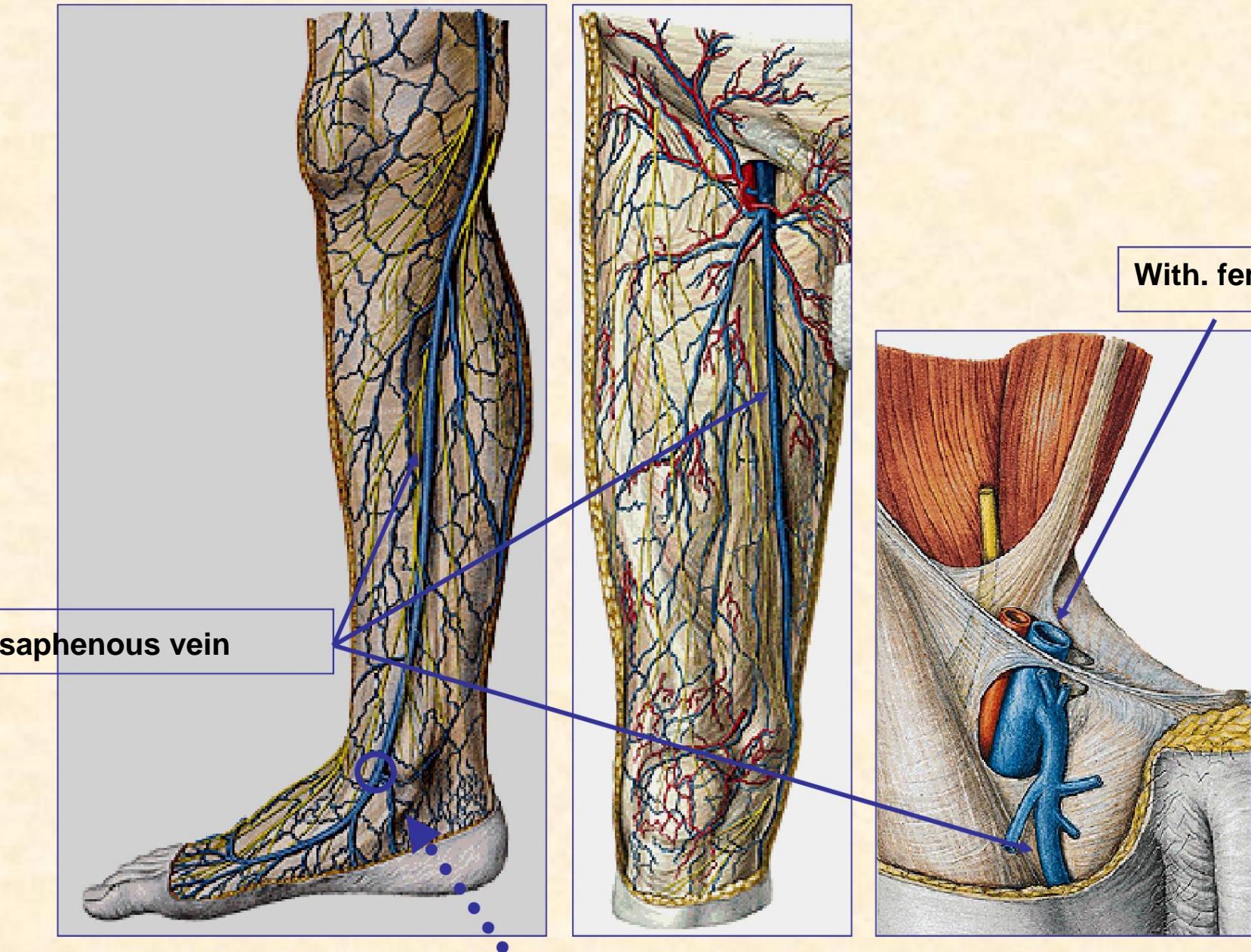
- **Deep veins:**

- feet

- lower

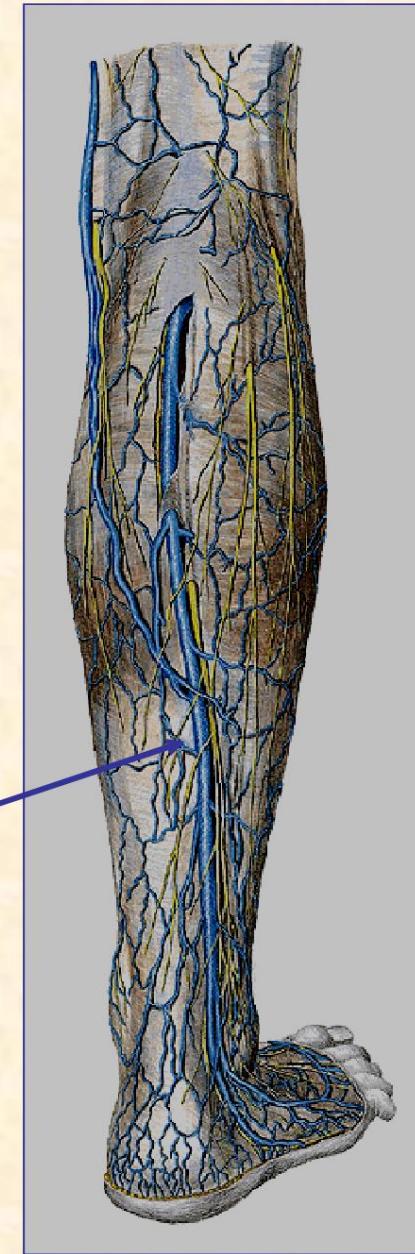
- thighs

SUPERFICIAL VEINS OF THE LOWER LIMB



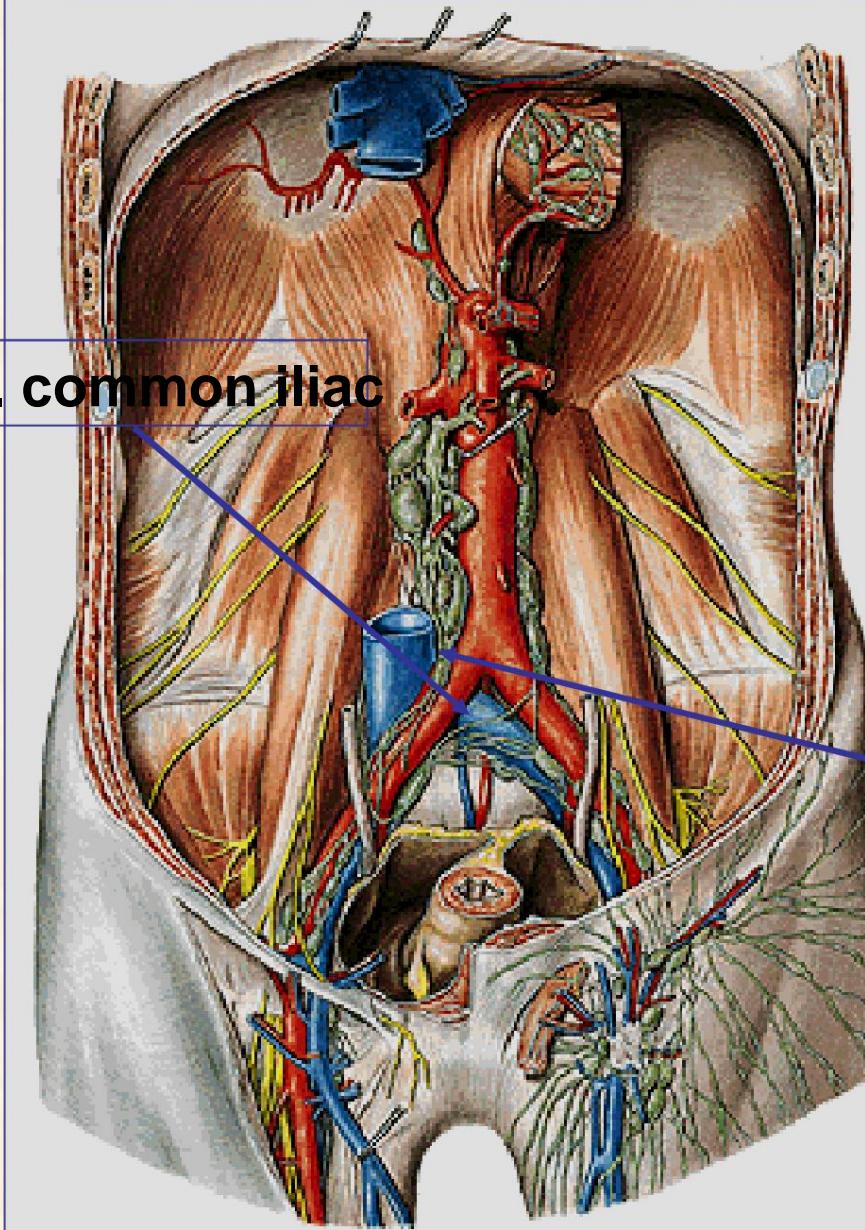
SUPERFICIAL VEINS OF THE LOWER LIMB

WITH. sniper

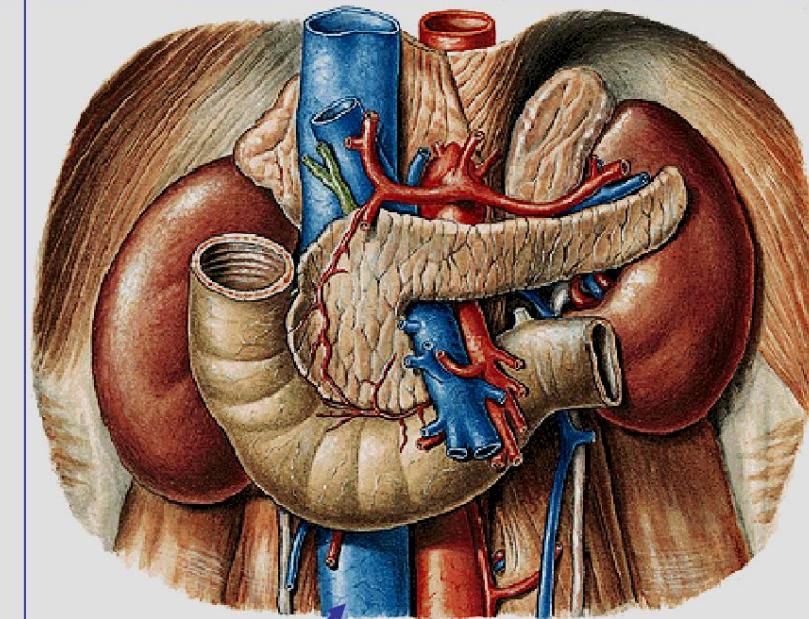


DEEP VEINS OF THE LOWER LIMB

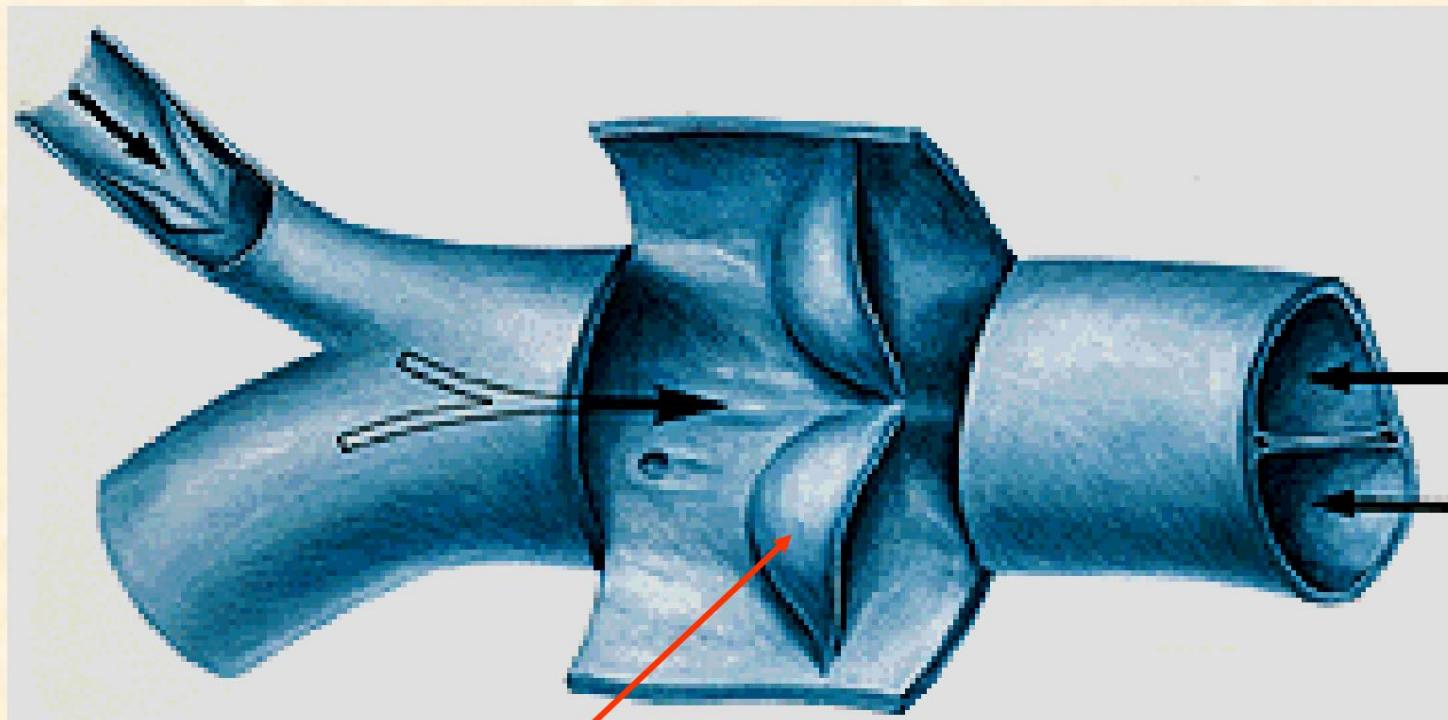
With. common iliac



With.
main lower

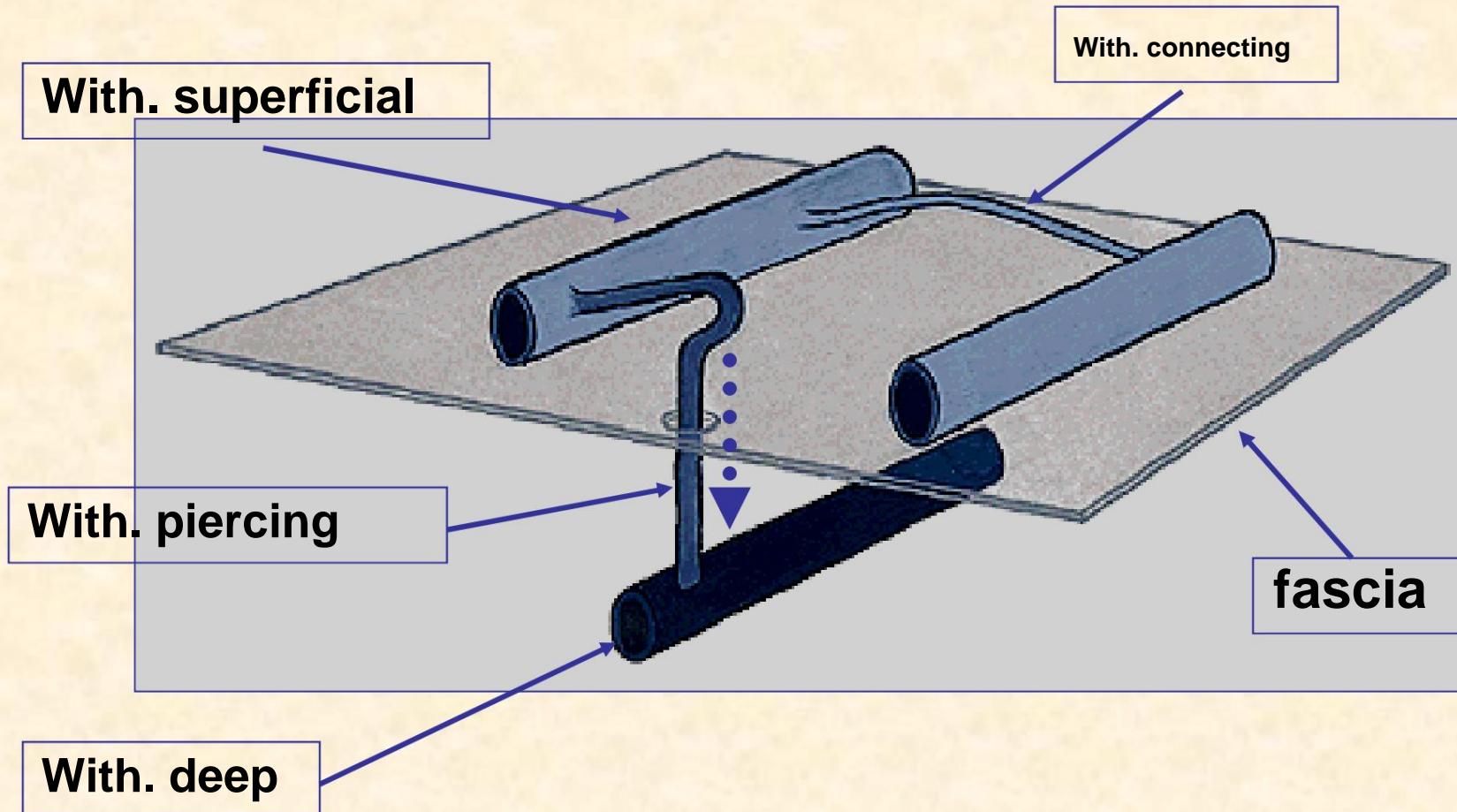


VENOUS VALVES



valve

VENOUS SYSTEM CONNECTIONS SUPERFICIAL AND DEEP



VENOUS SYSTEM OF THE UPPER LIMBS

division

- **Superficial (cutaneous) veins:**

- basilic vein**

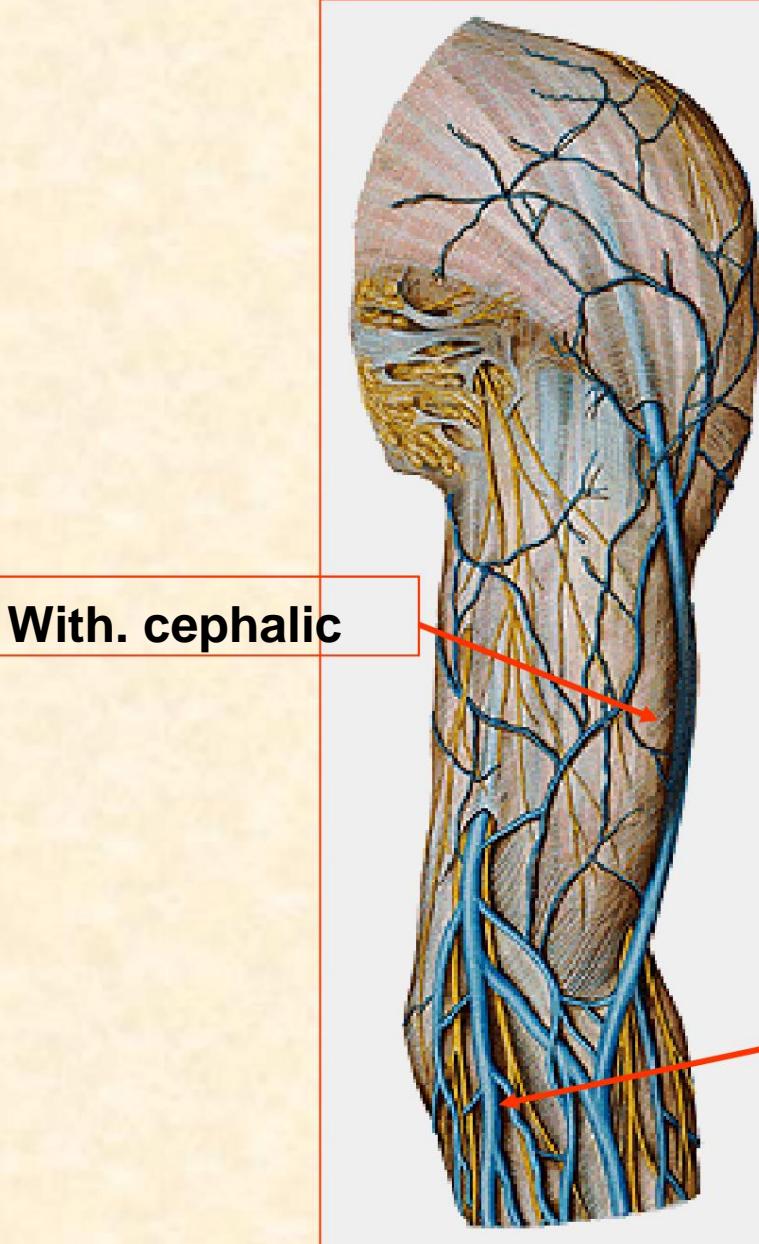
- cephalic vein**

- **Deep veins:**

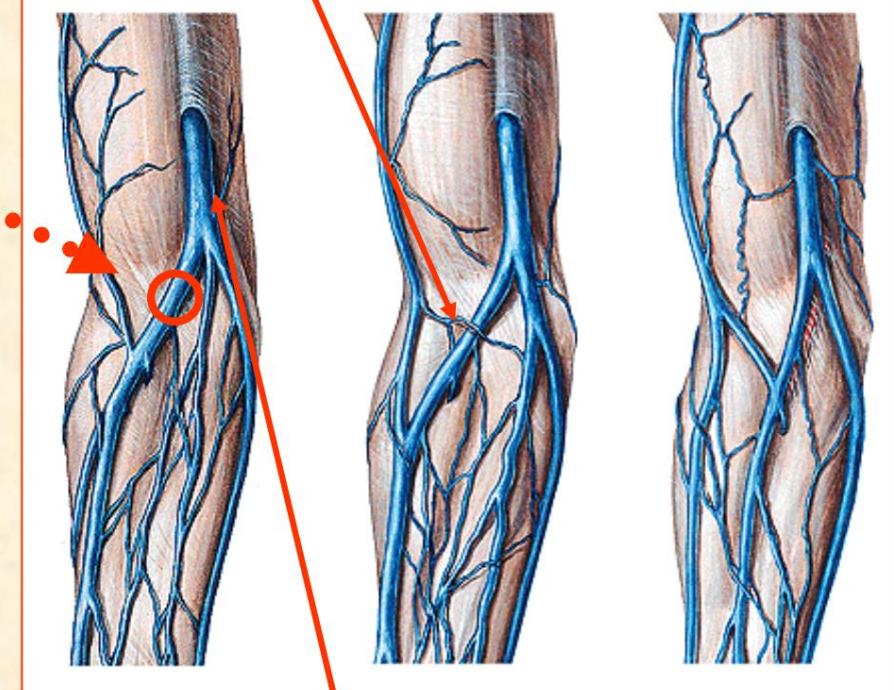
- hand, forearm**

- arm**

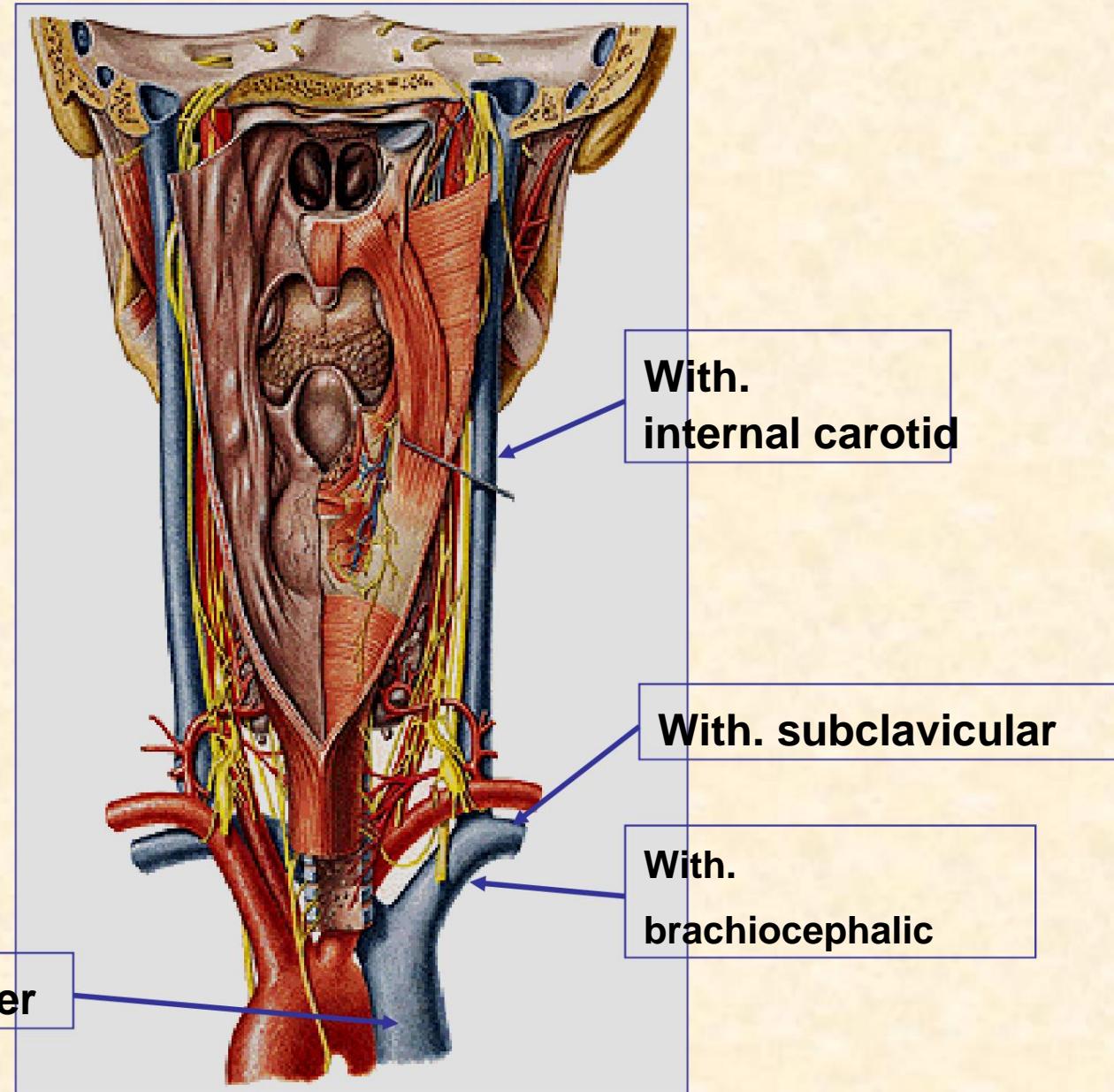
SUPERFICIAL VEINS OF THE UPPER LIMB



With. medial elbow



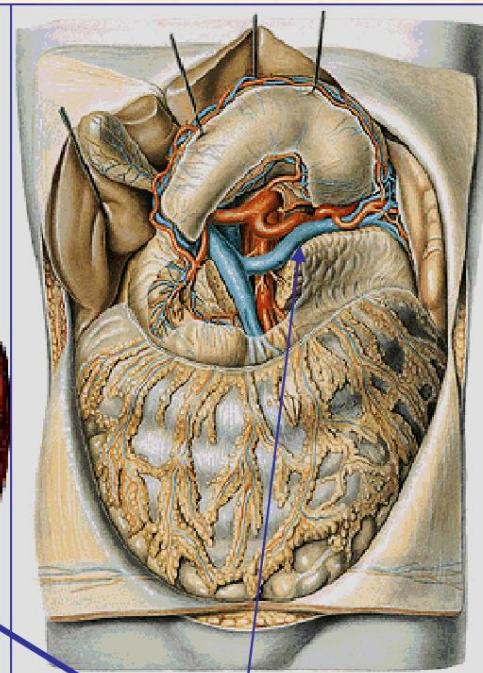
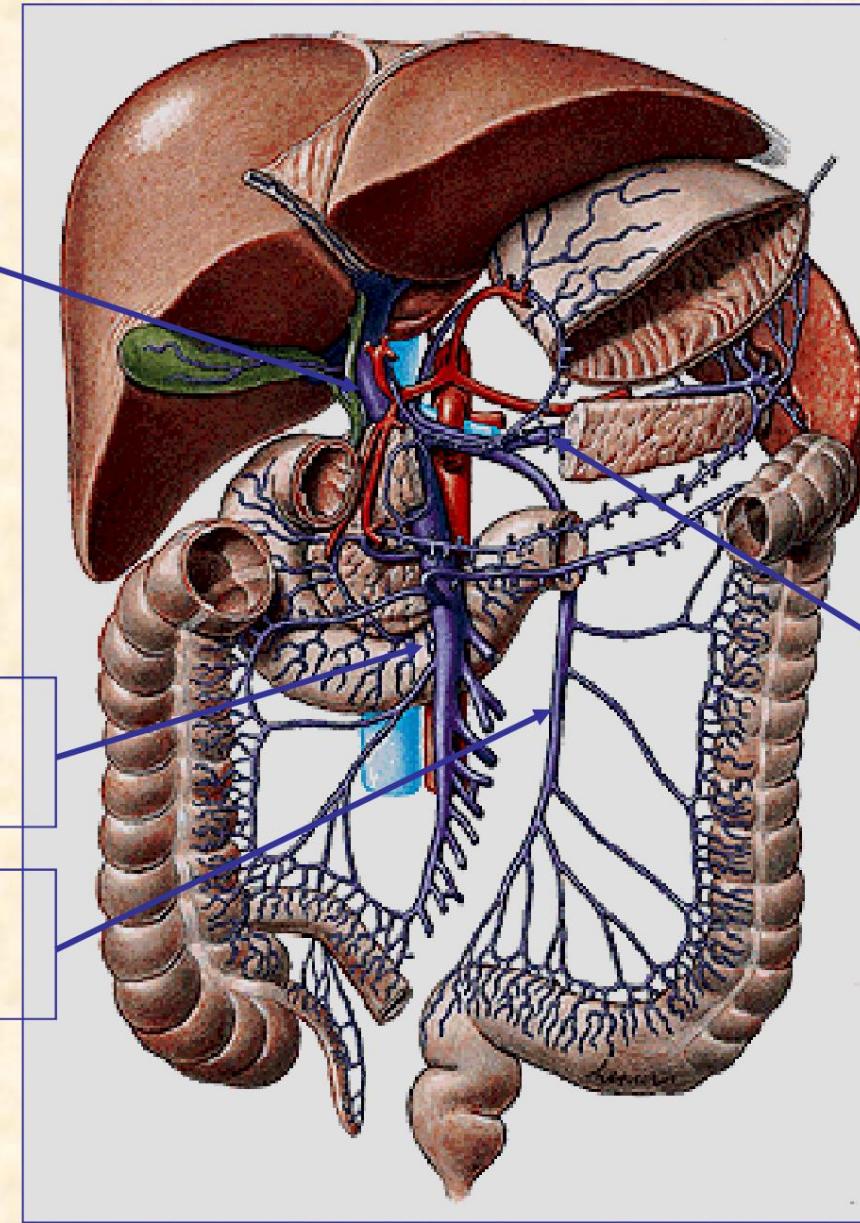
With. basilic



With. portal

With. superior
mesenteric

With. inferior
mesenteric



With. splenic