



CAT DISSECTION

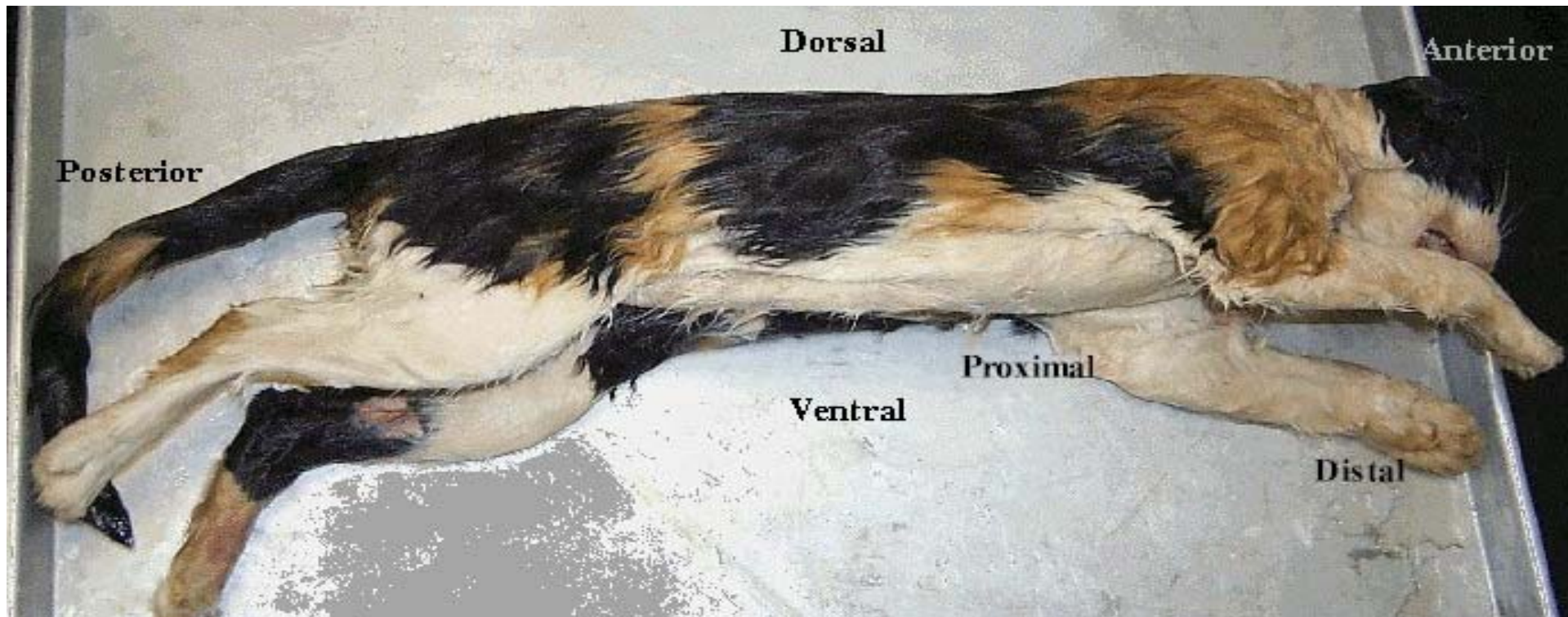


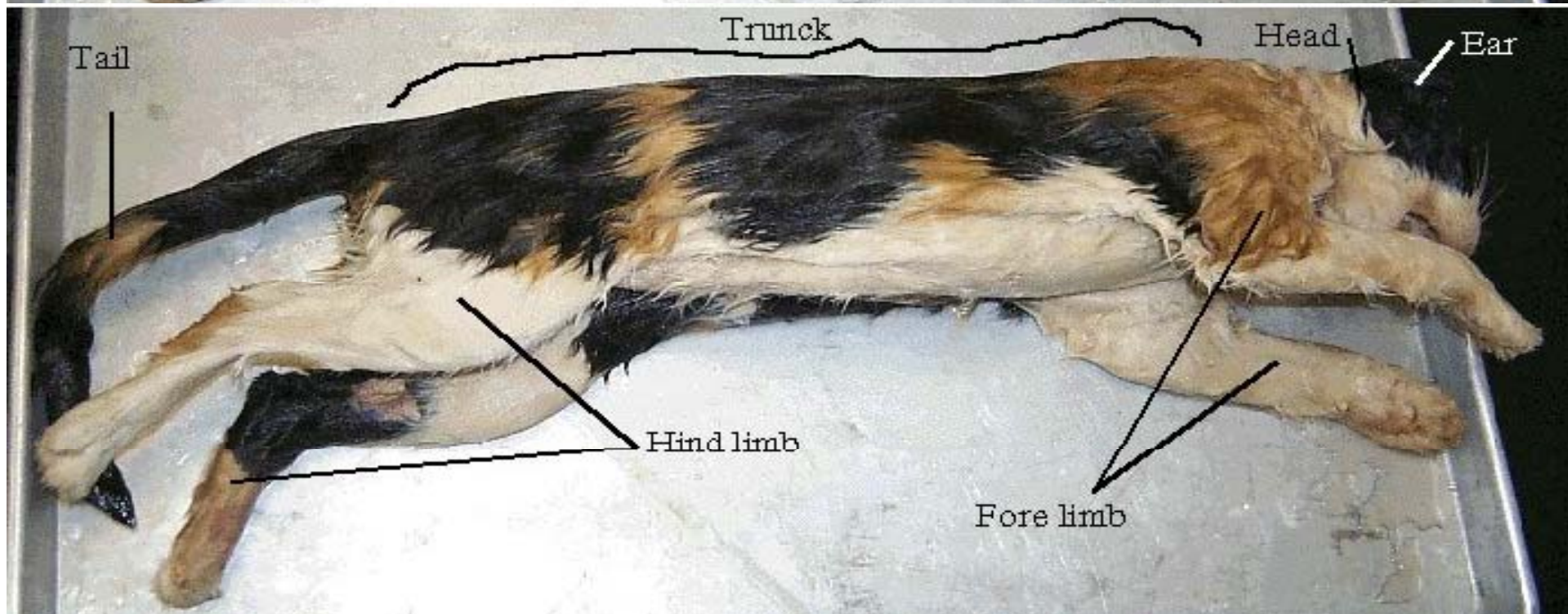
D.Hammoudi.MD

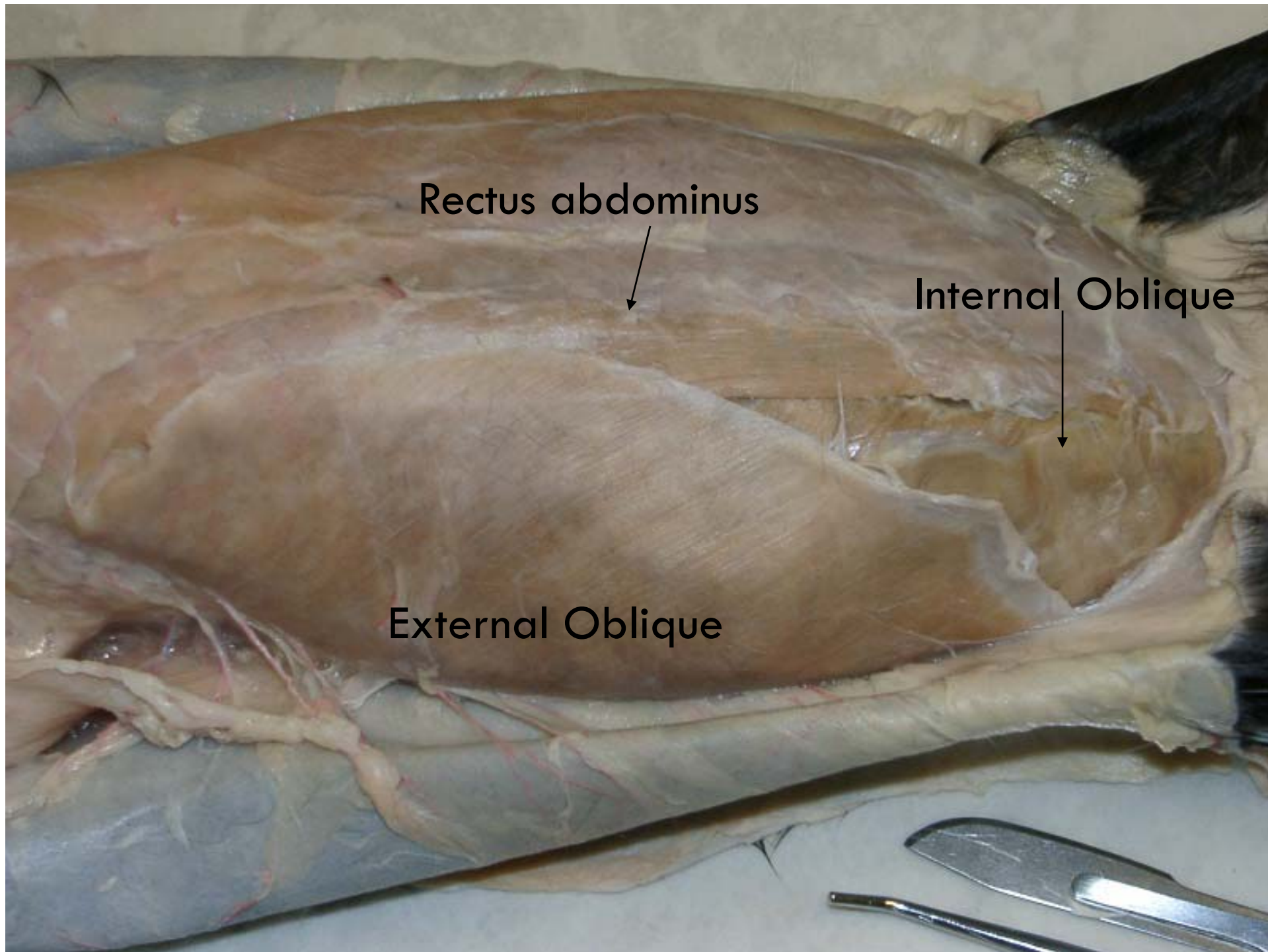


*“Hic locus est ubi mortui
viveunt docent.”*

*This is the place where the
dead teach the living.*



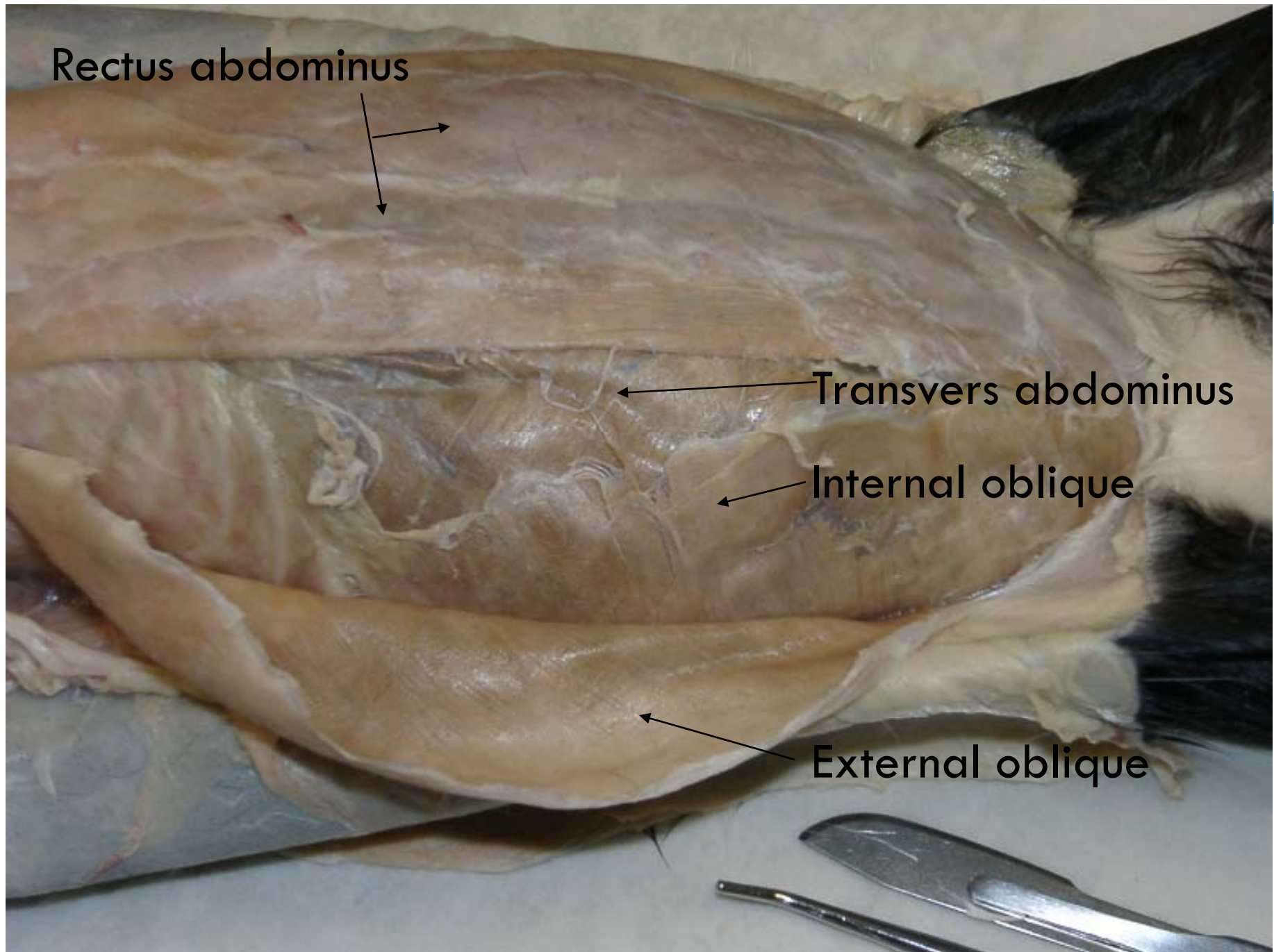




Rectus abdominus

Internal Oblique

External Oblique



Rectus abdominus

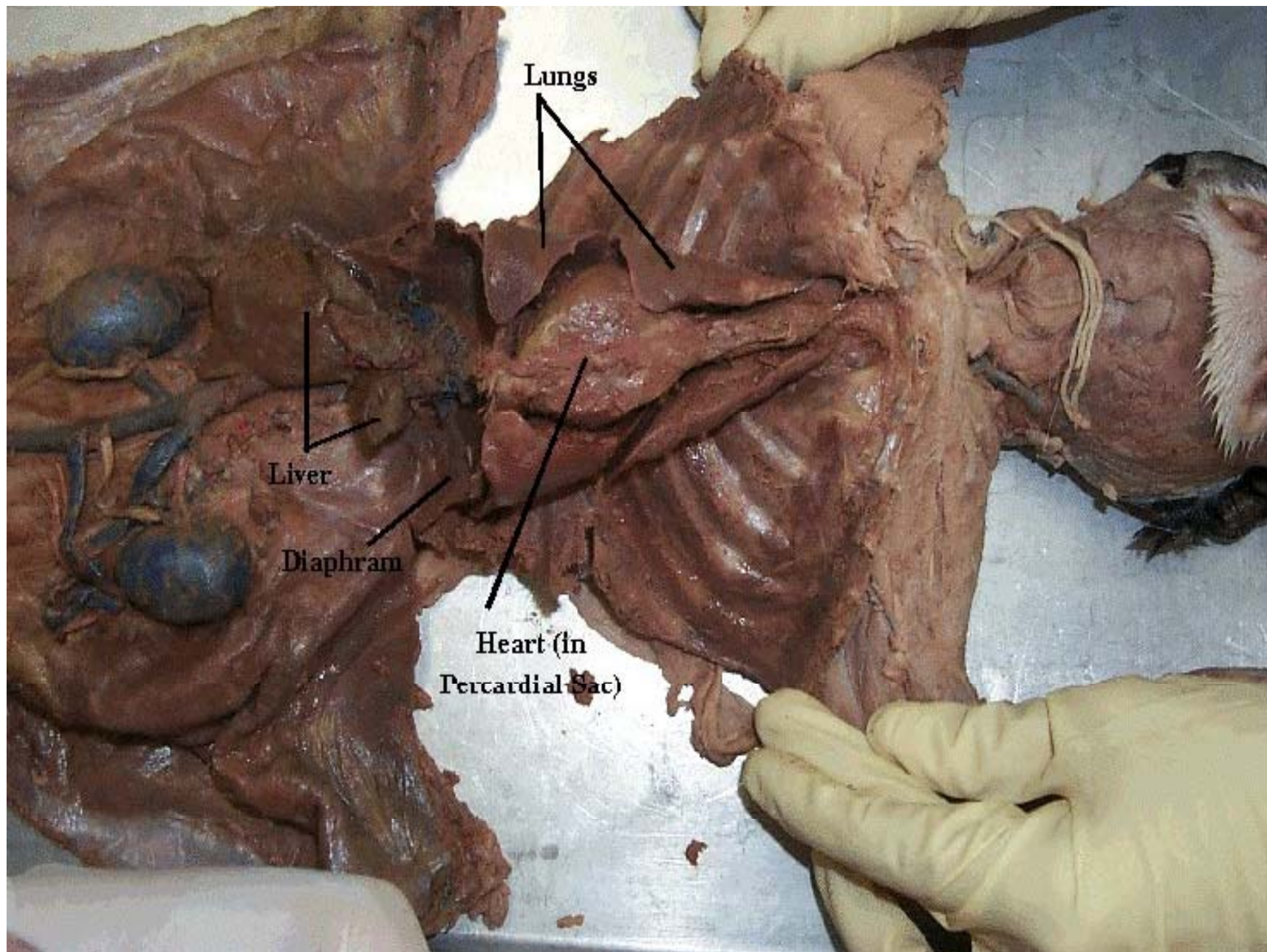
Transvers abdominus

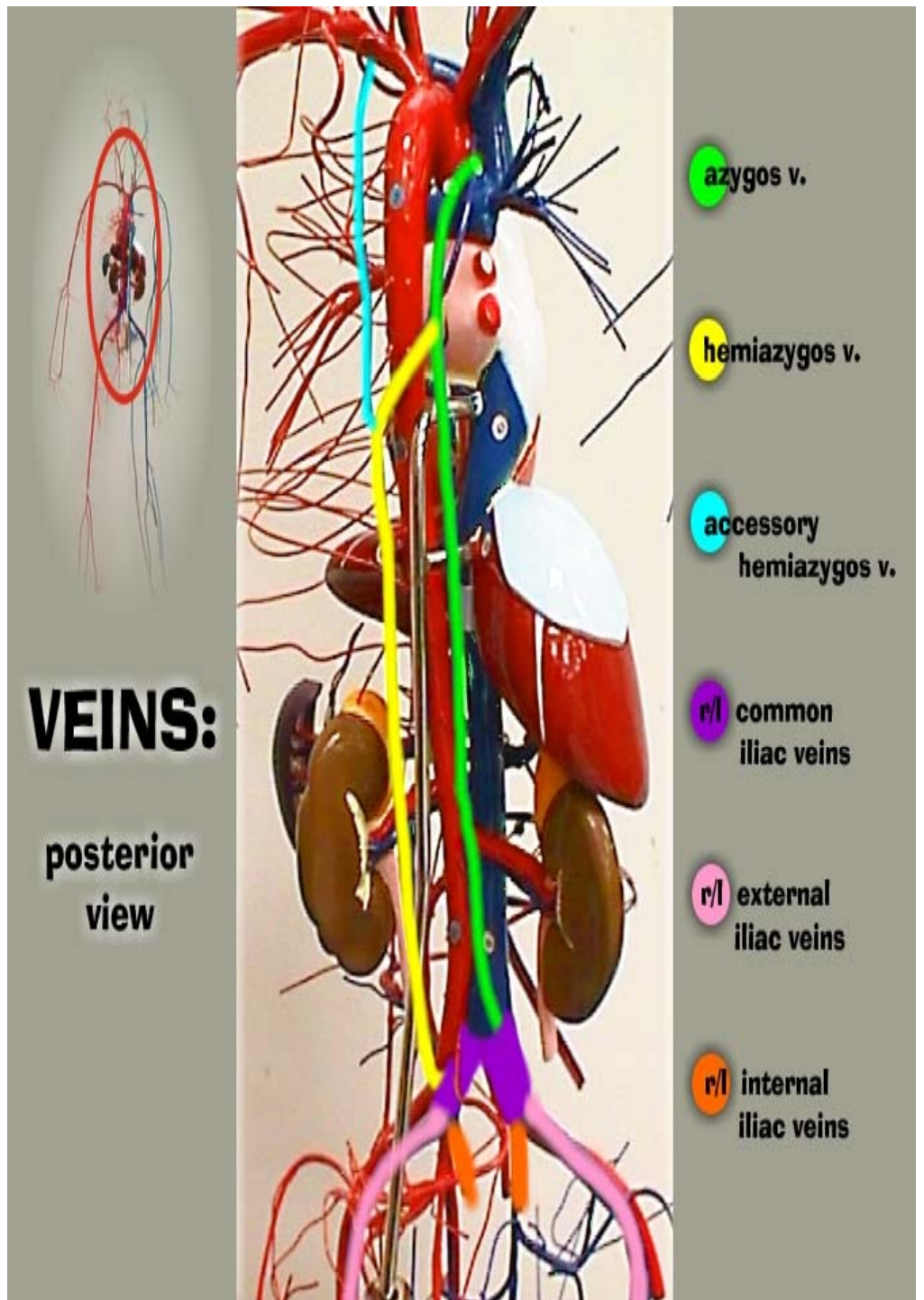
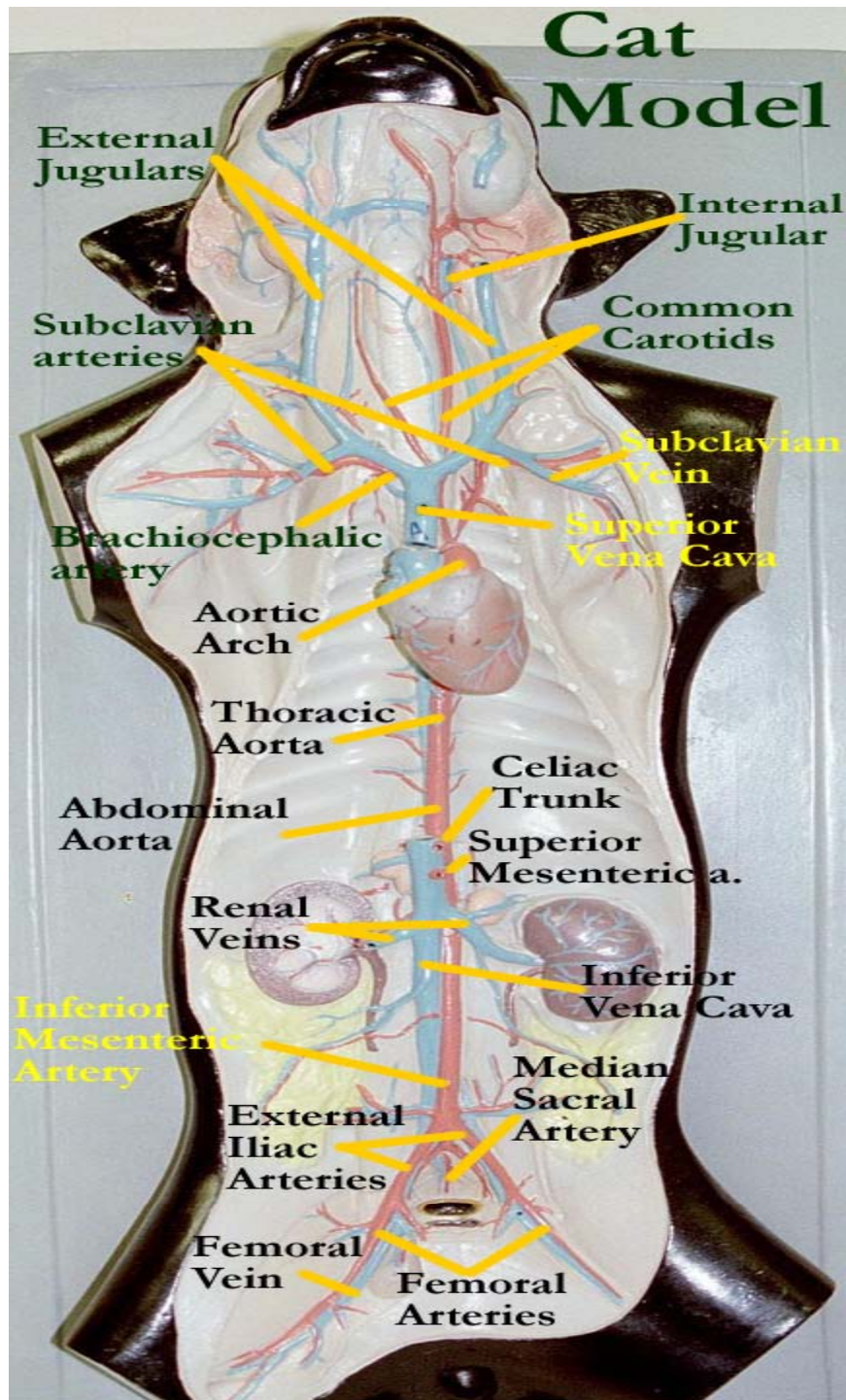
Internal oblique

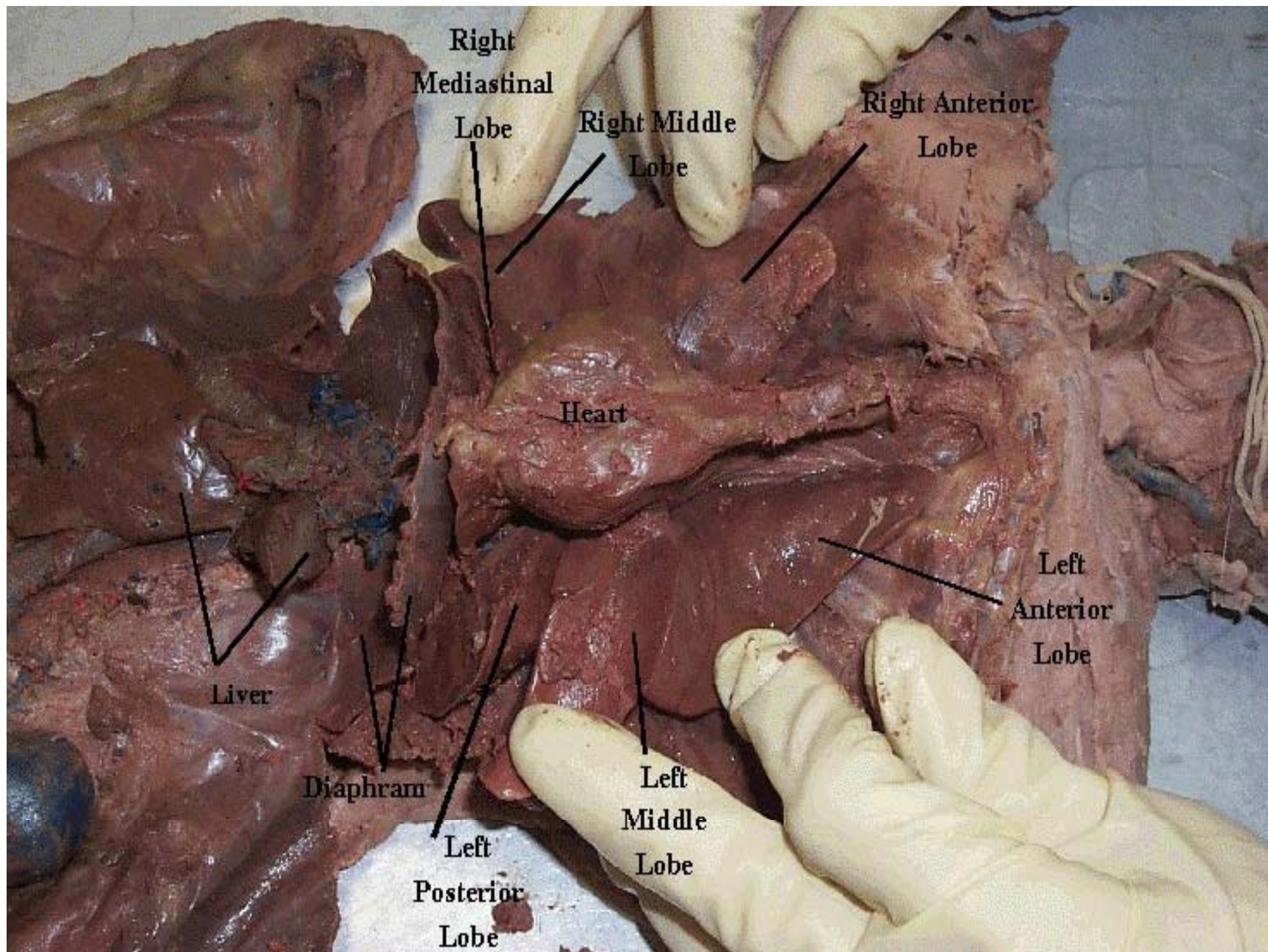
External oblique

Xiph means sword: it is sword-shaped. It is also attached to the xiphoid process at the end of the sternum.

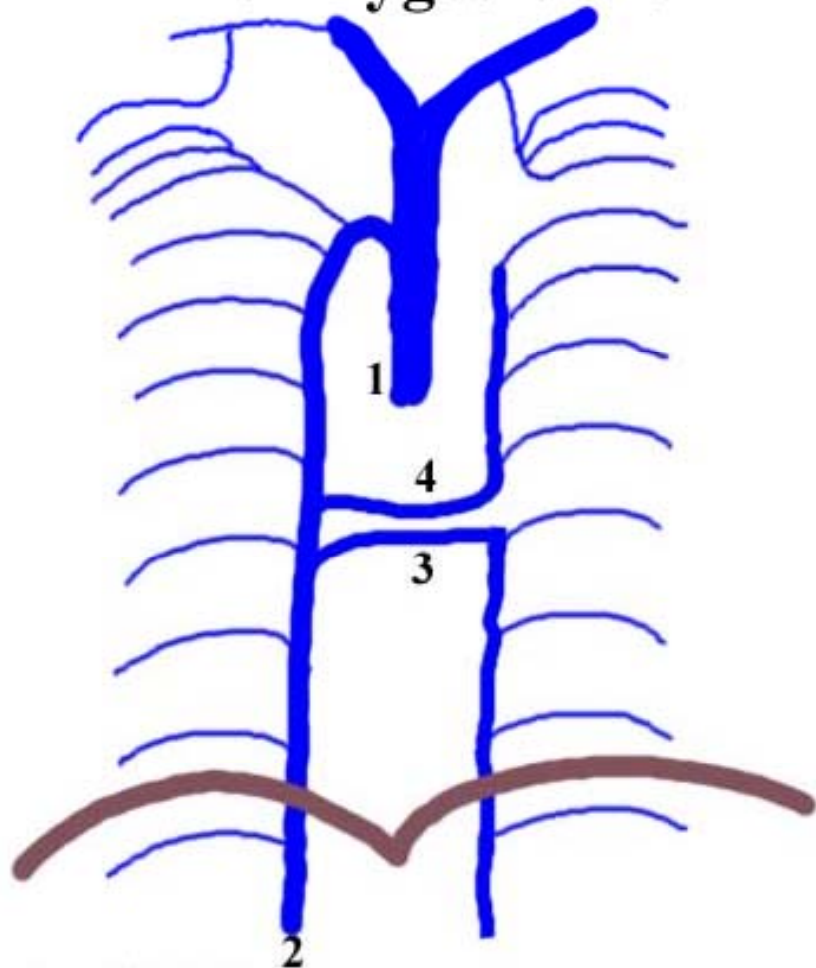




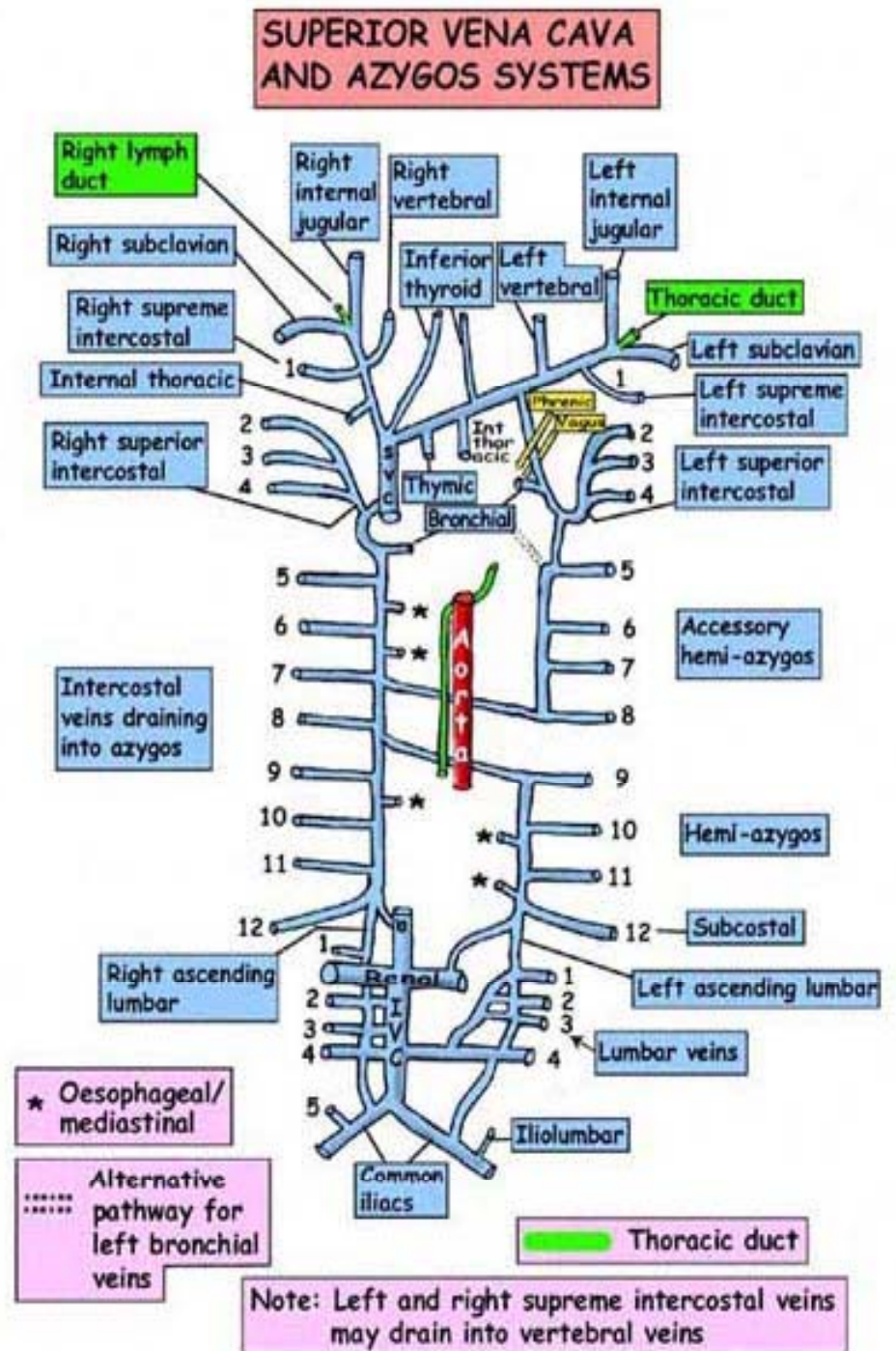




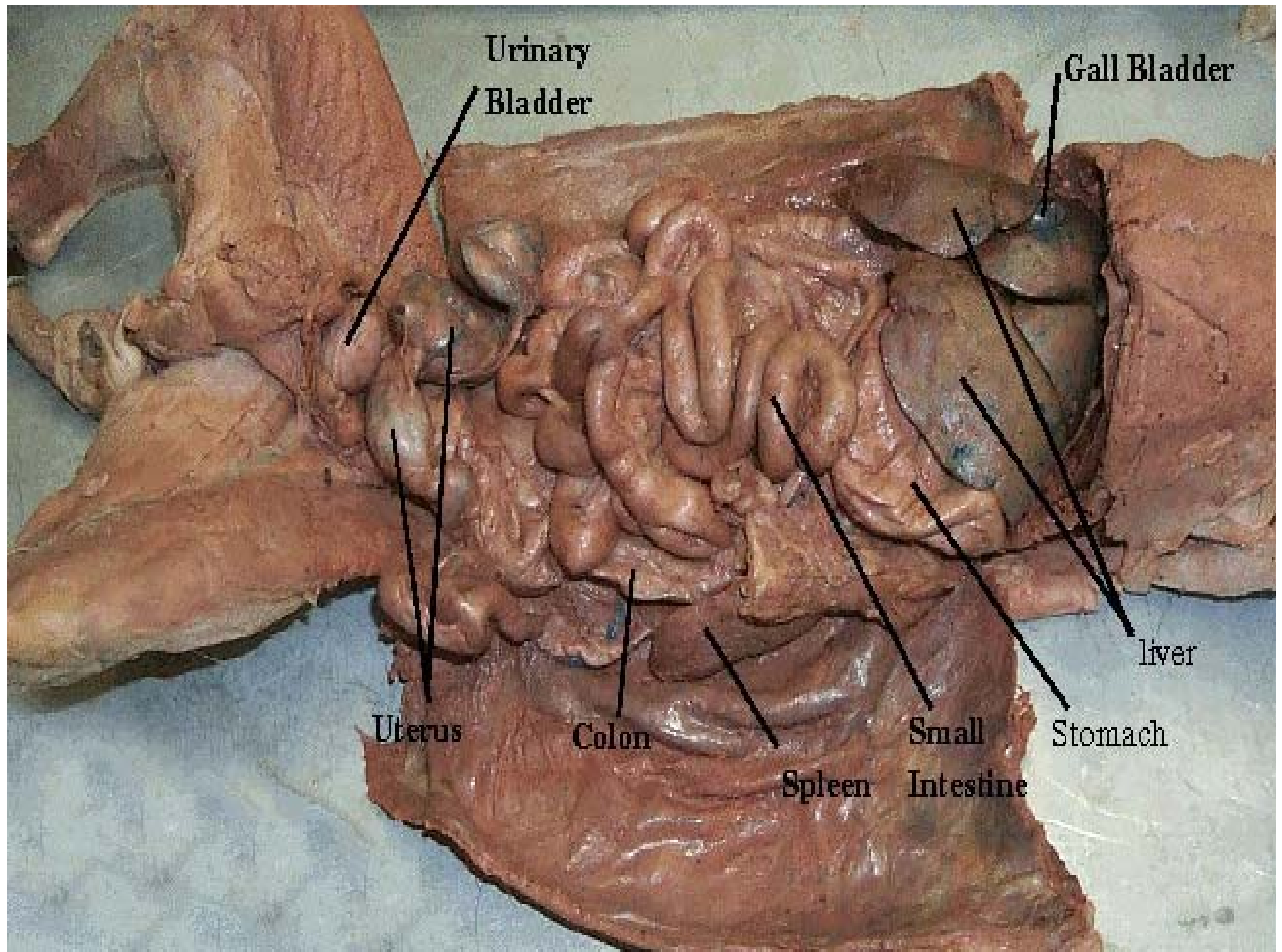
The Azygos Veins



- 1 - SVC
- 2 - azygos vein
- 3 - hemiazygos vein
- 4 - accessory hemiazygos vein







Gall
Bladder

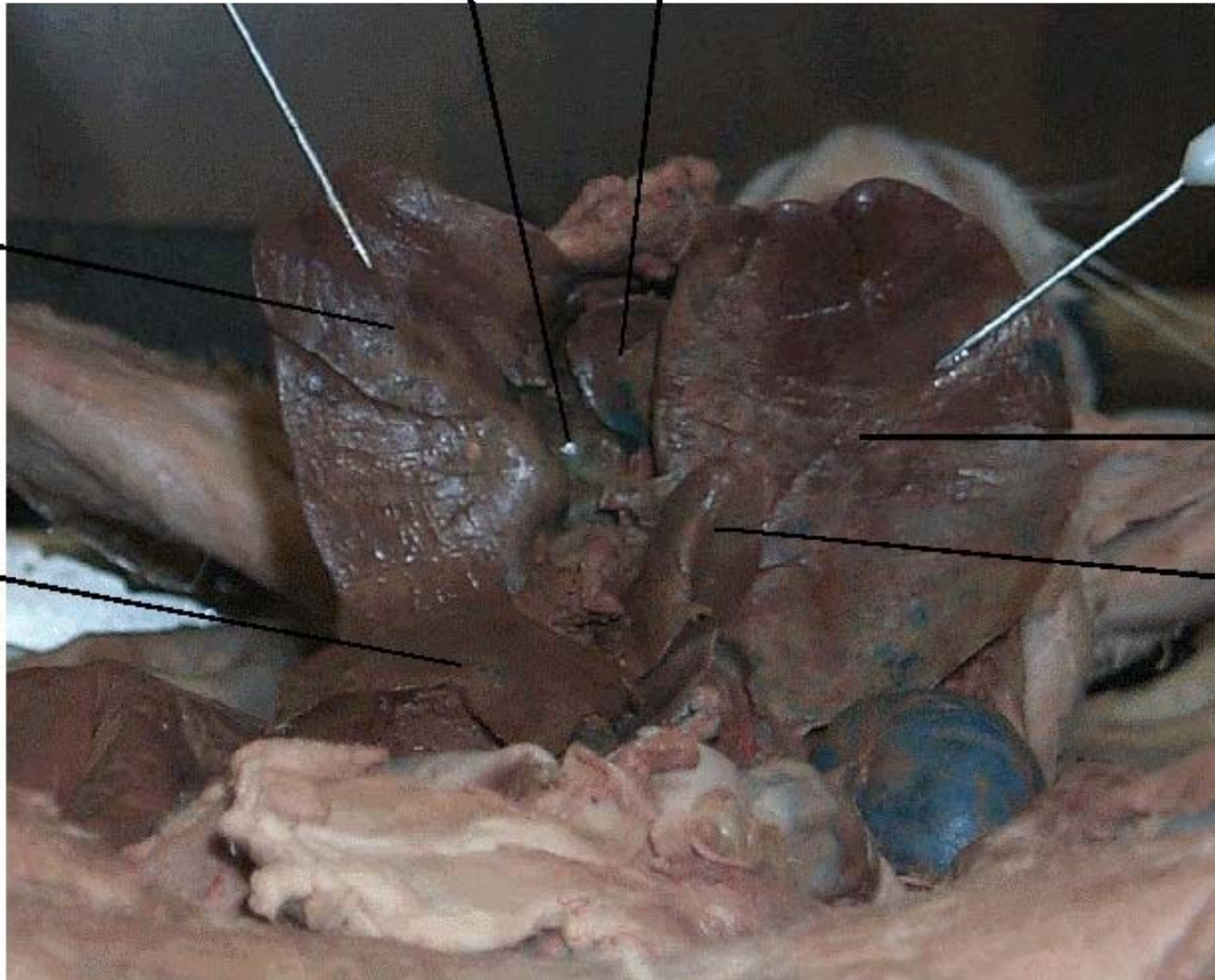
Left Medial
Lobe

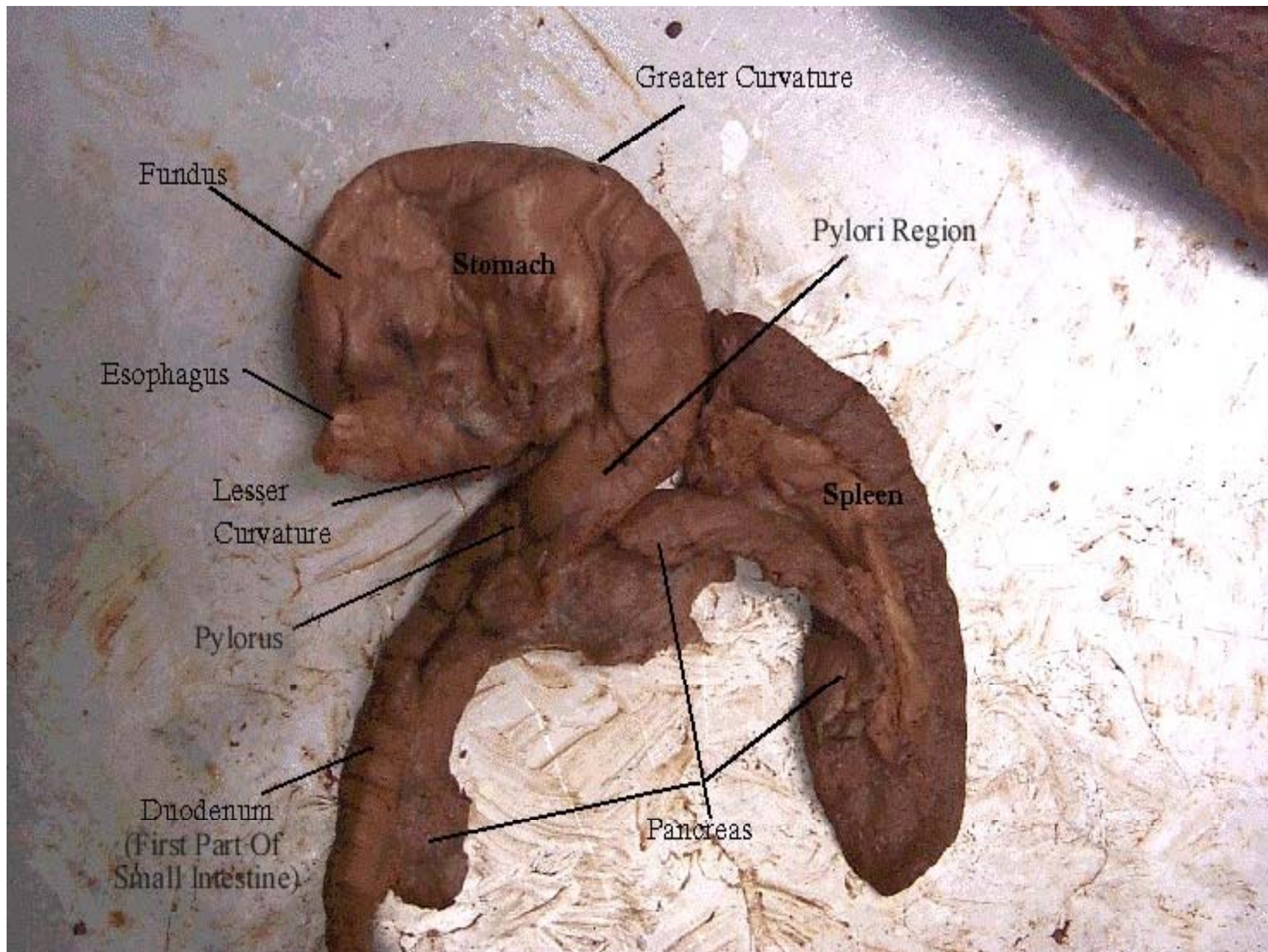
Right Medial
Lobe

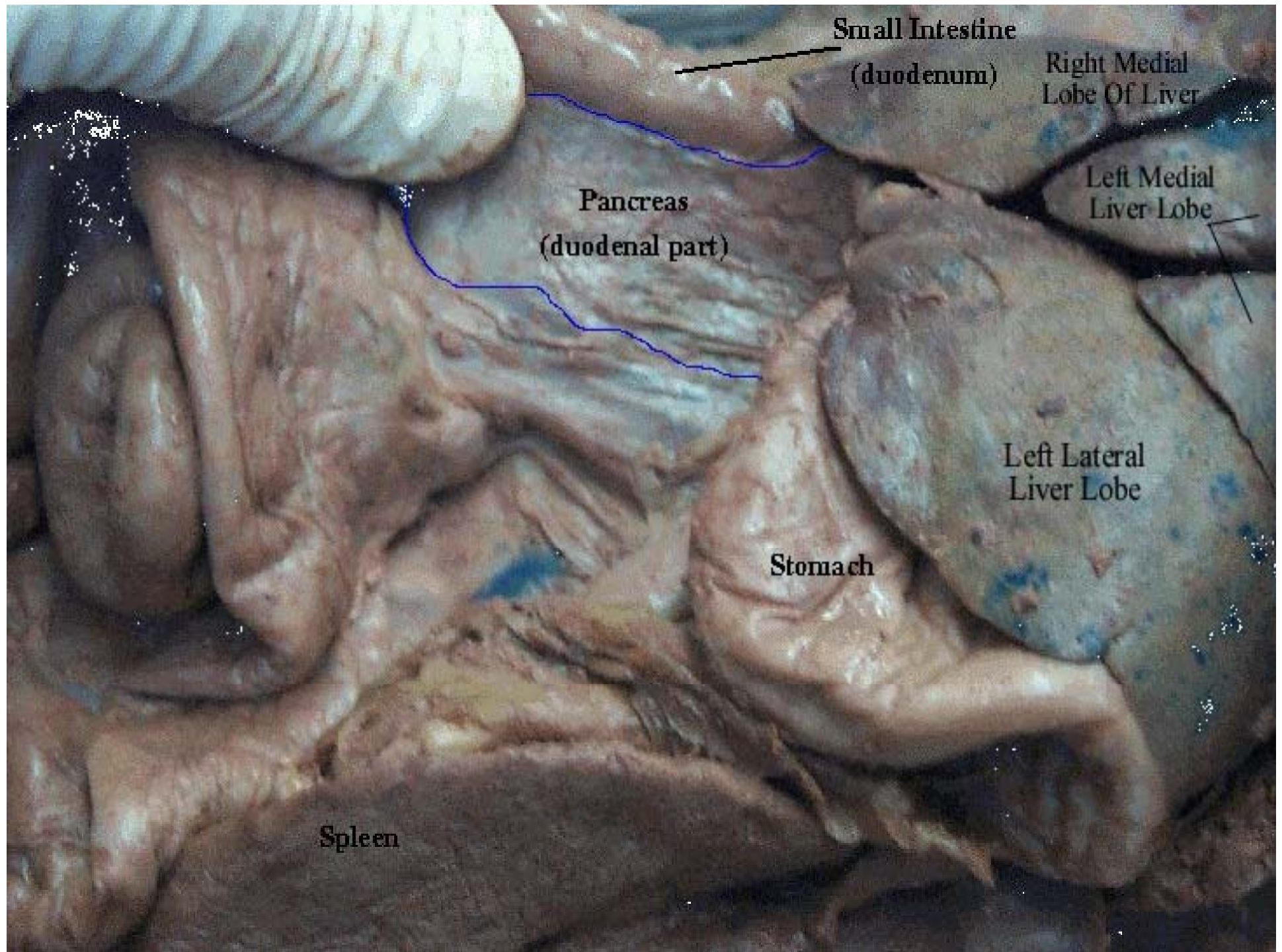
Right lateral
Lobe

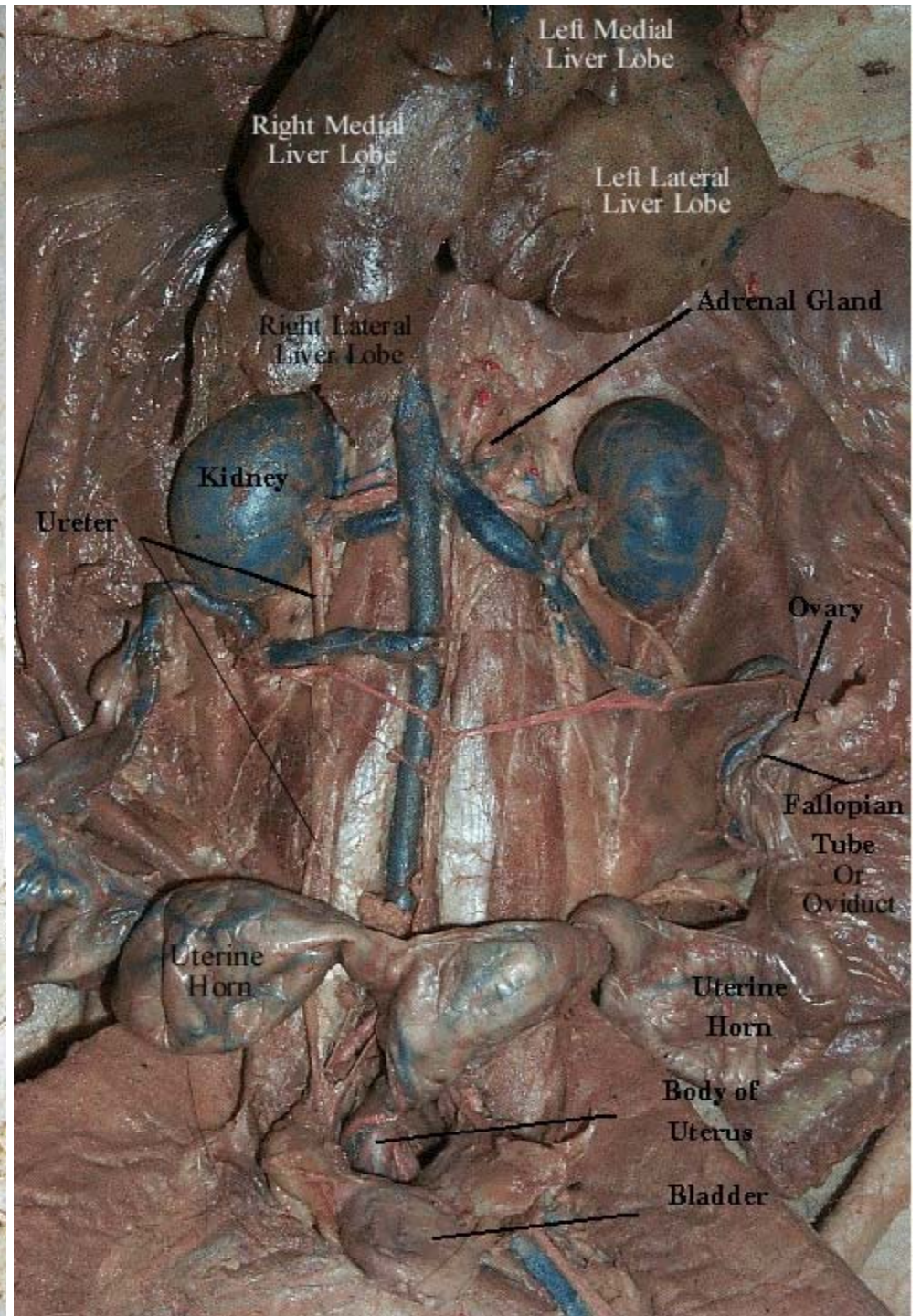
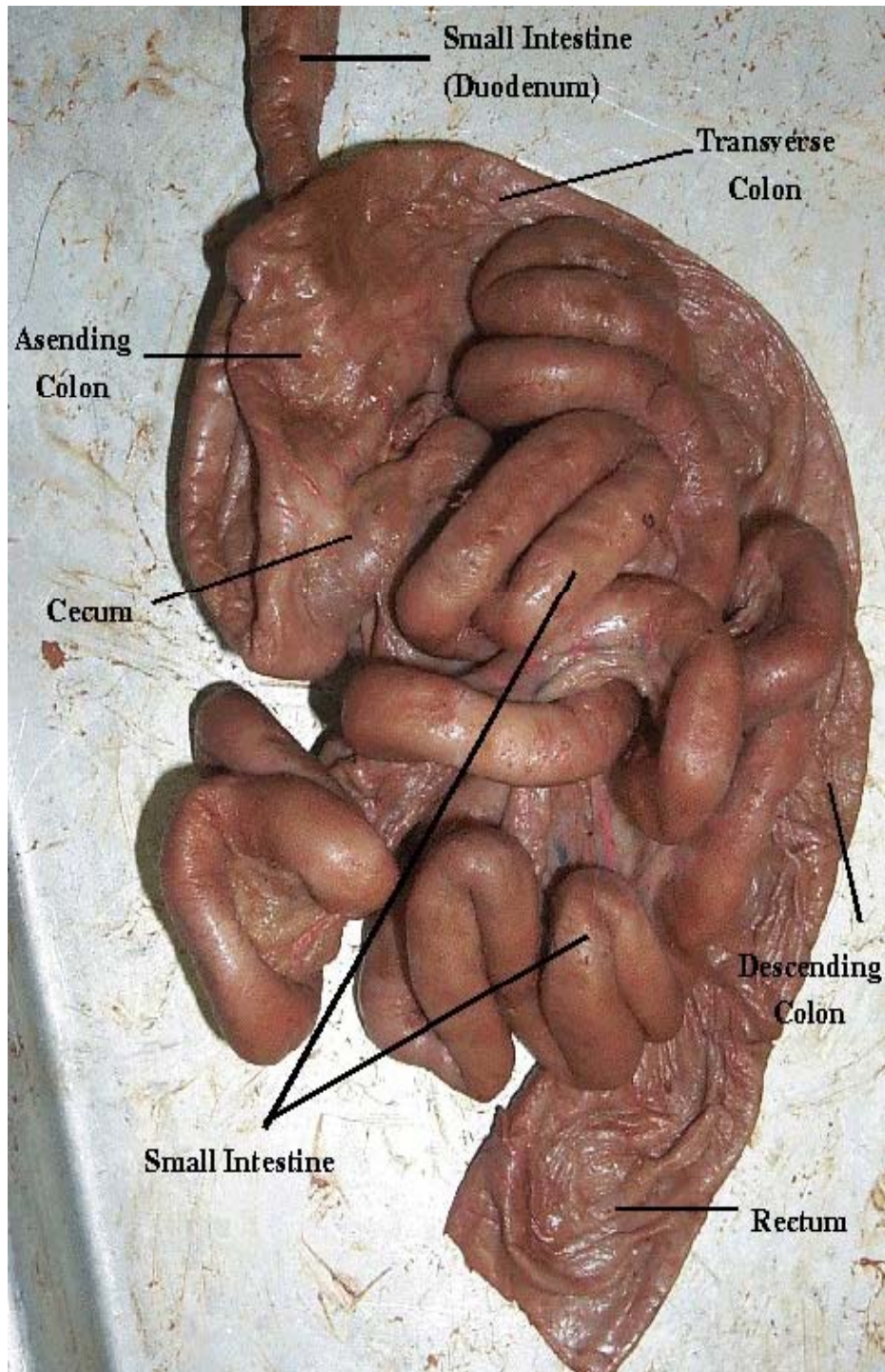
Left Lateral
Lobe

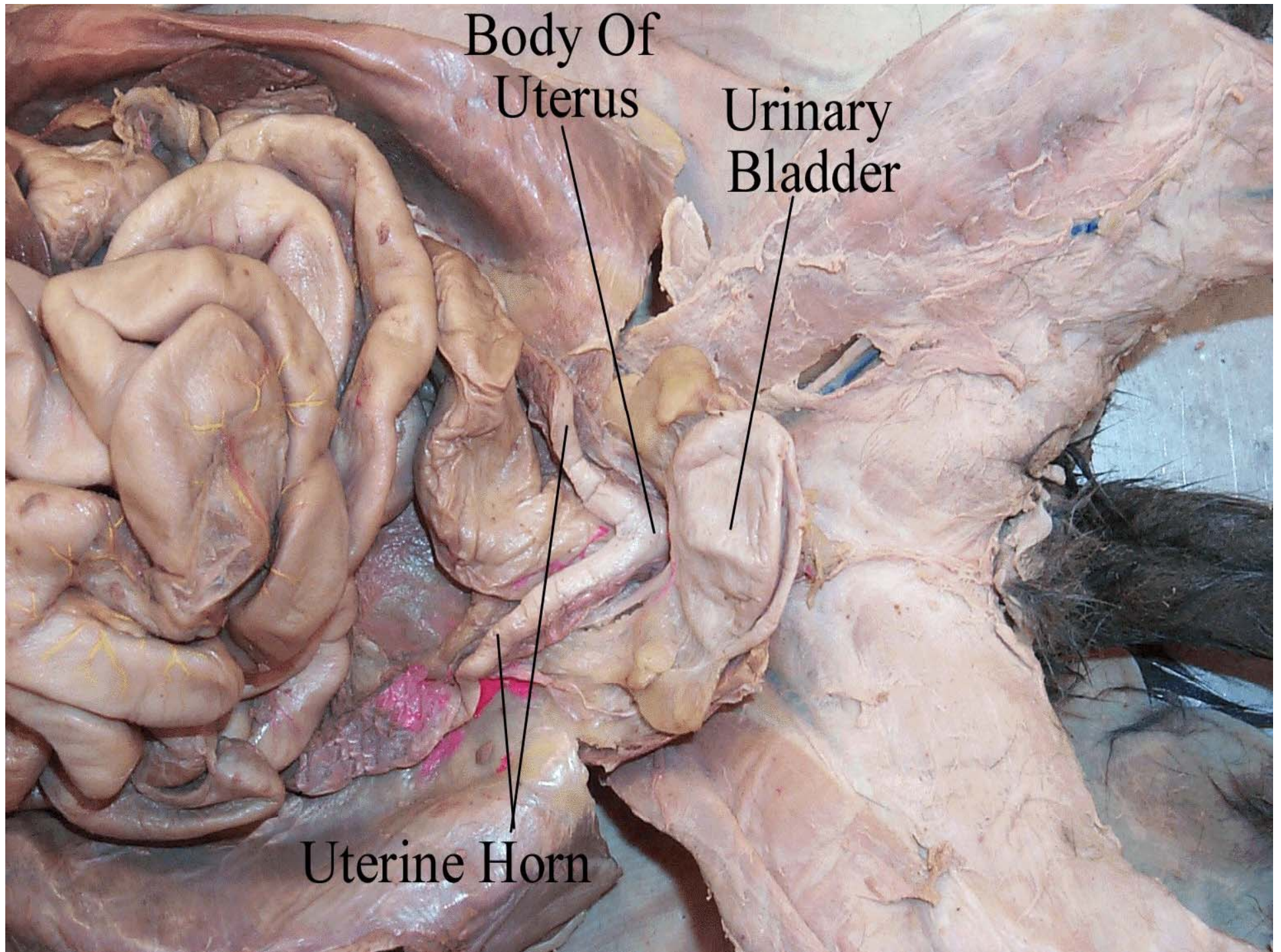
Caudate
Lobe

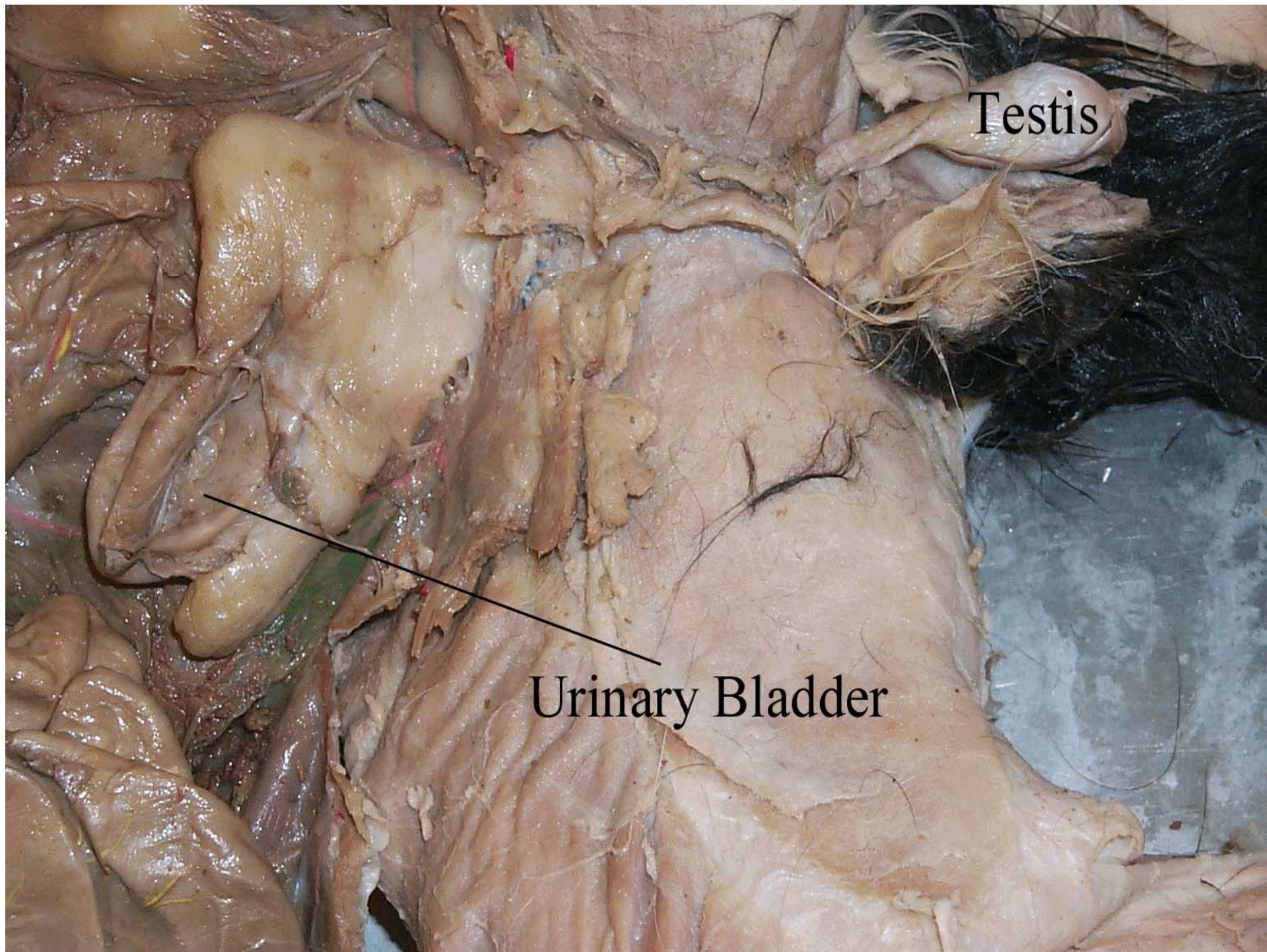






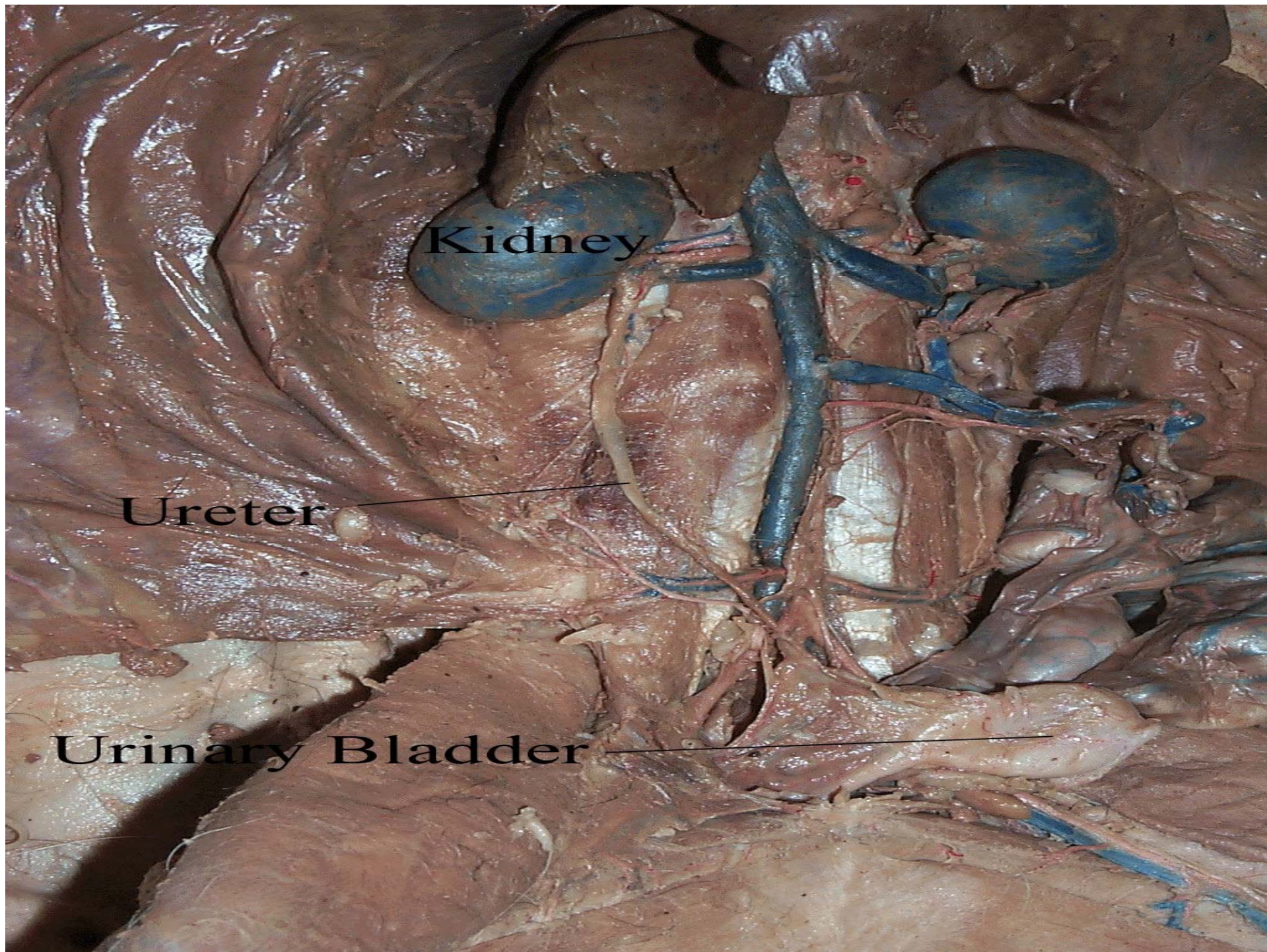






Testis

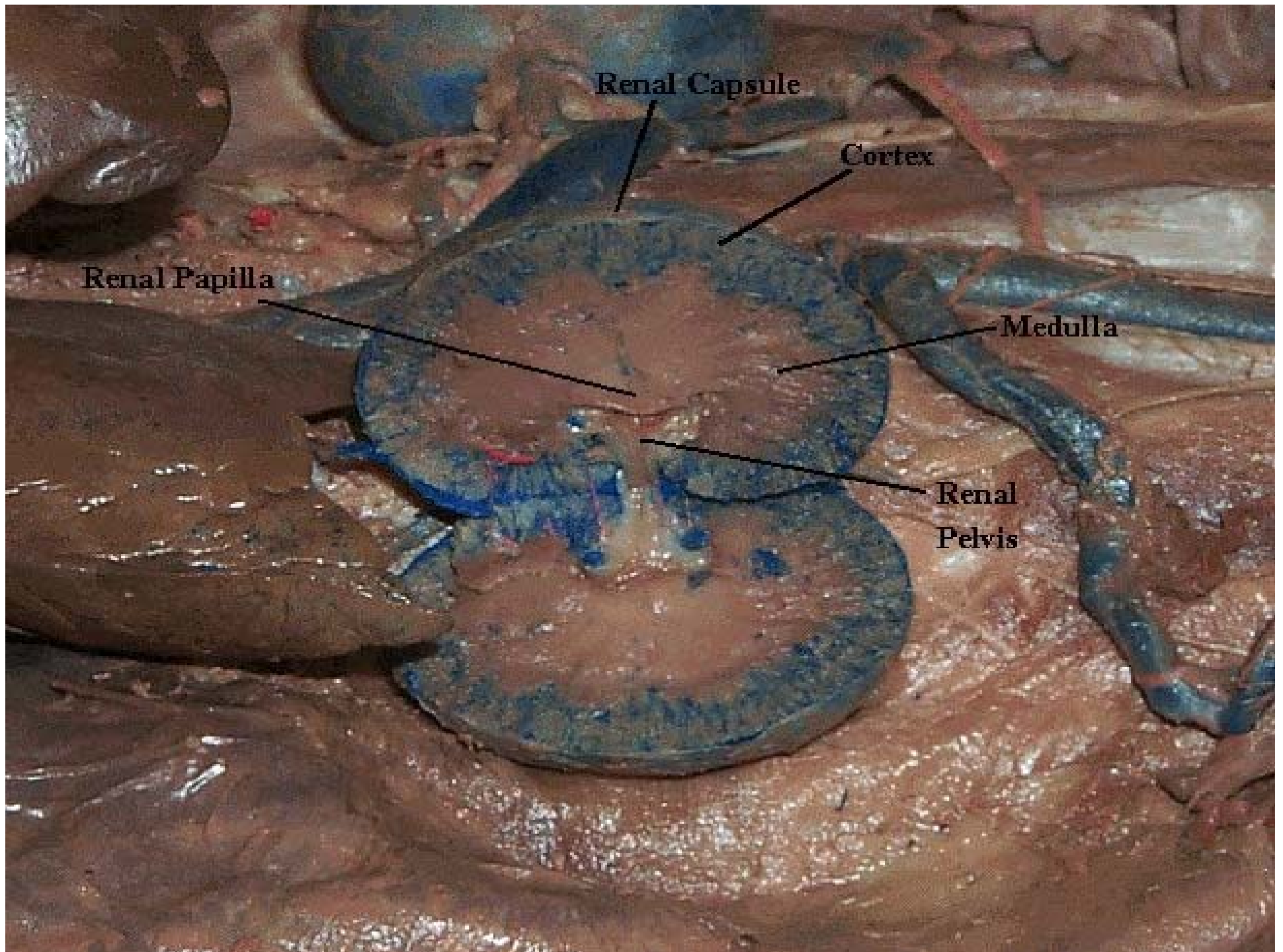
Urinary Bladder

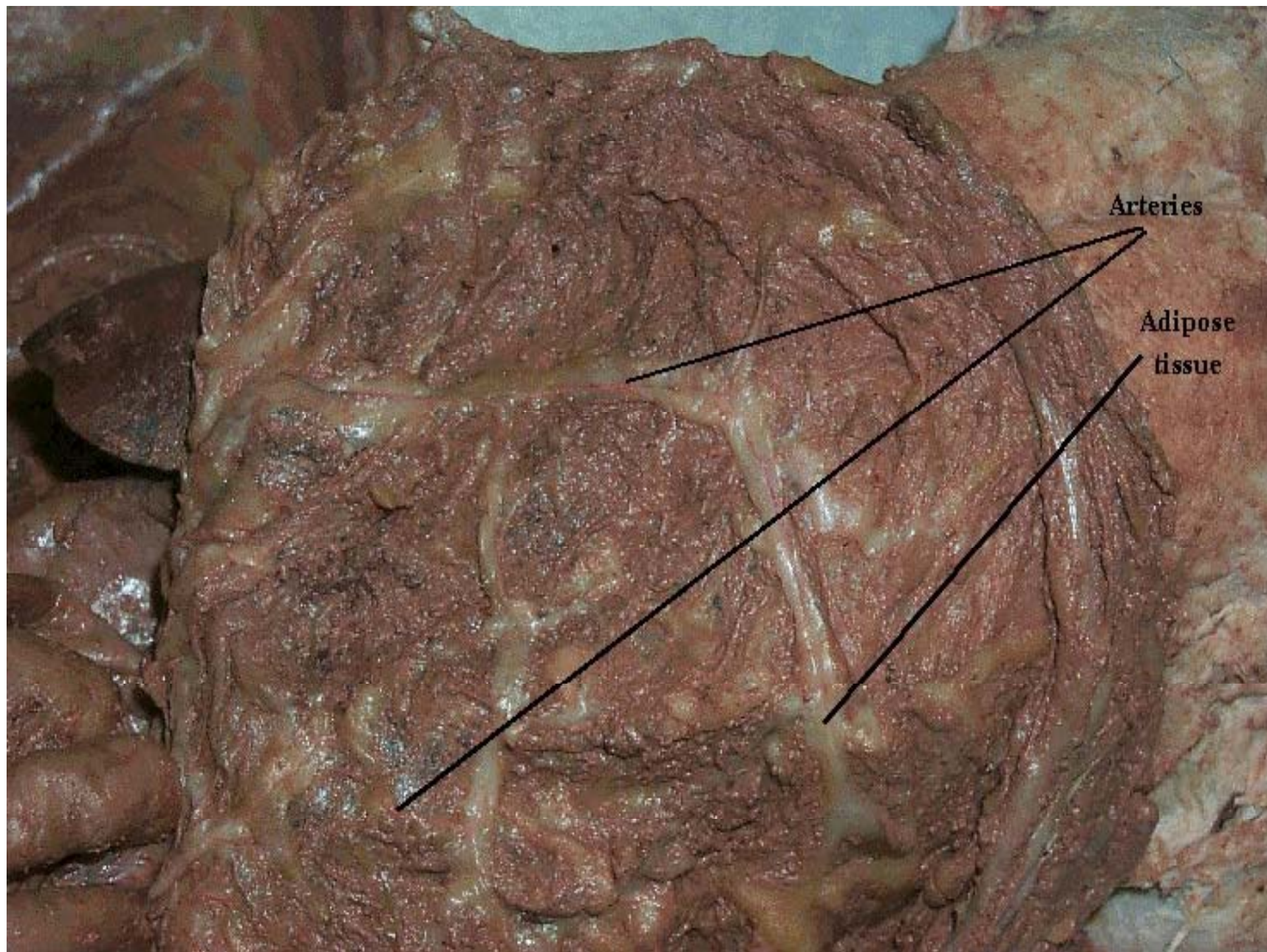


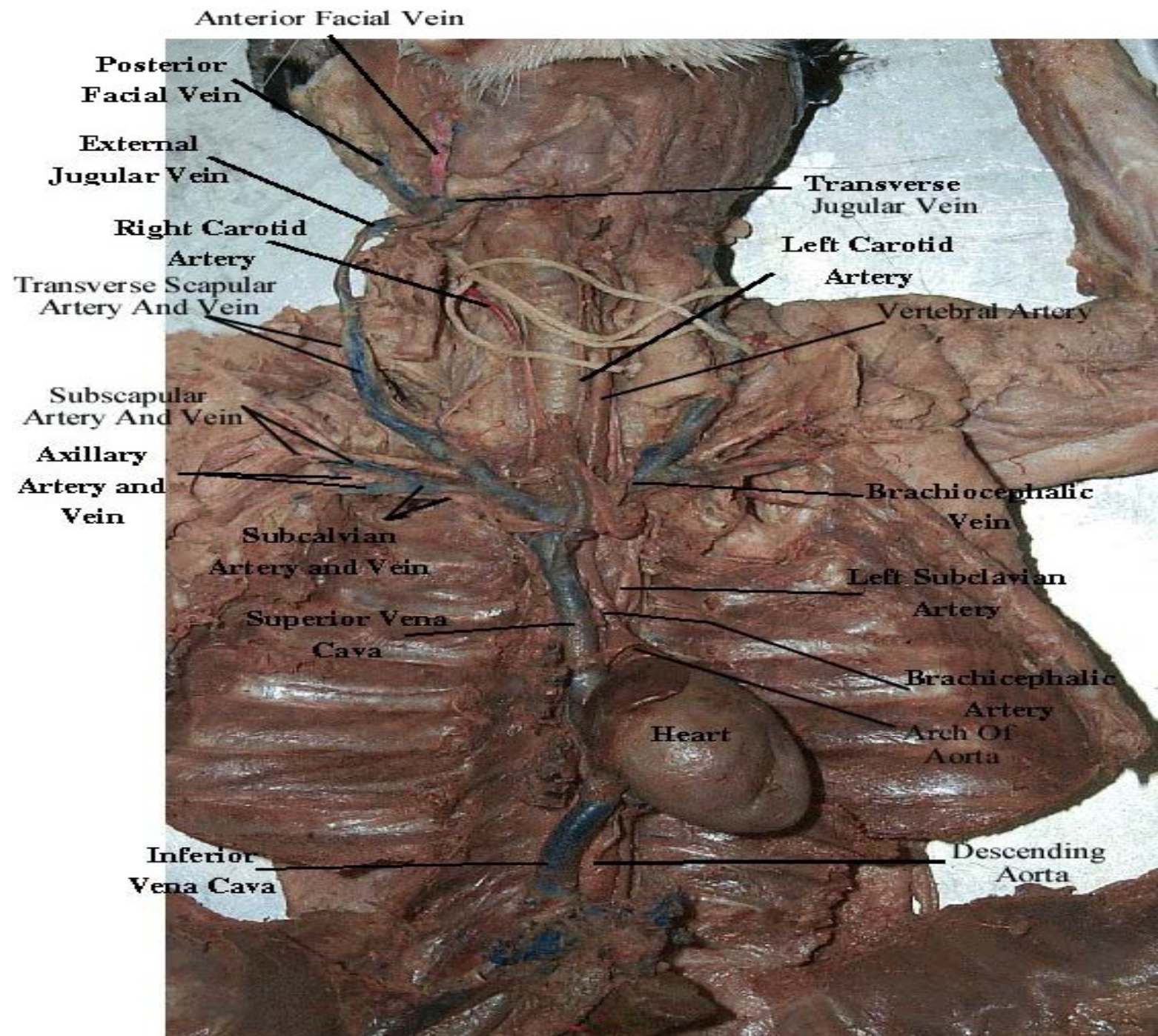
Kidney

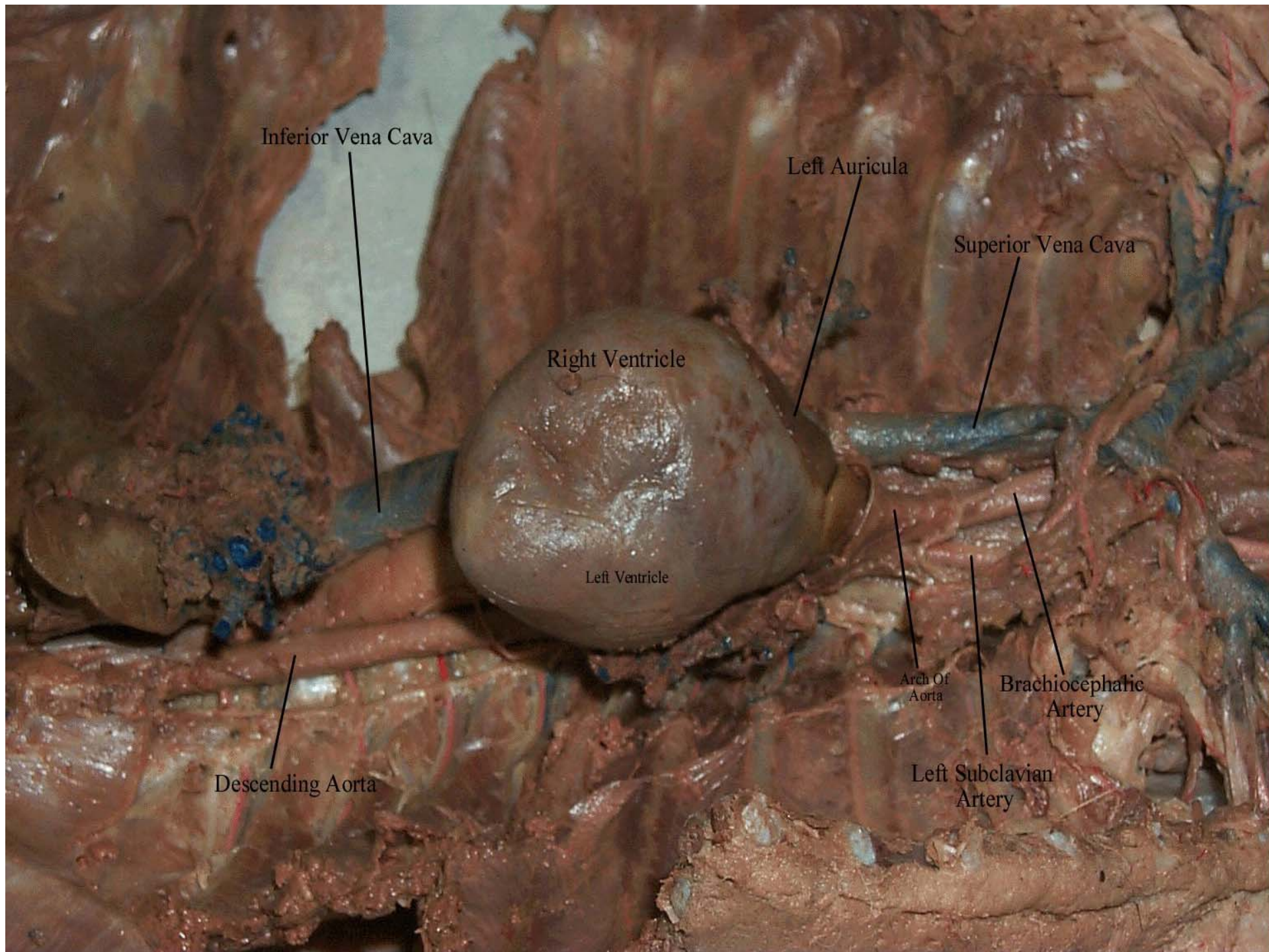
Ureter

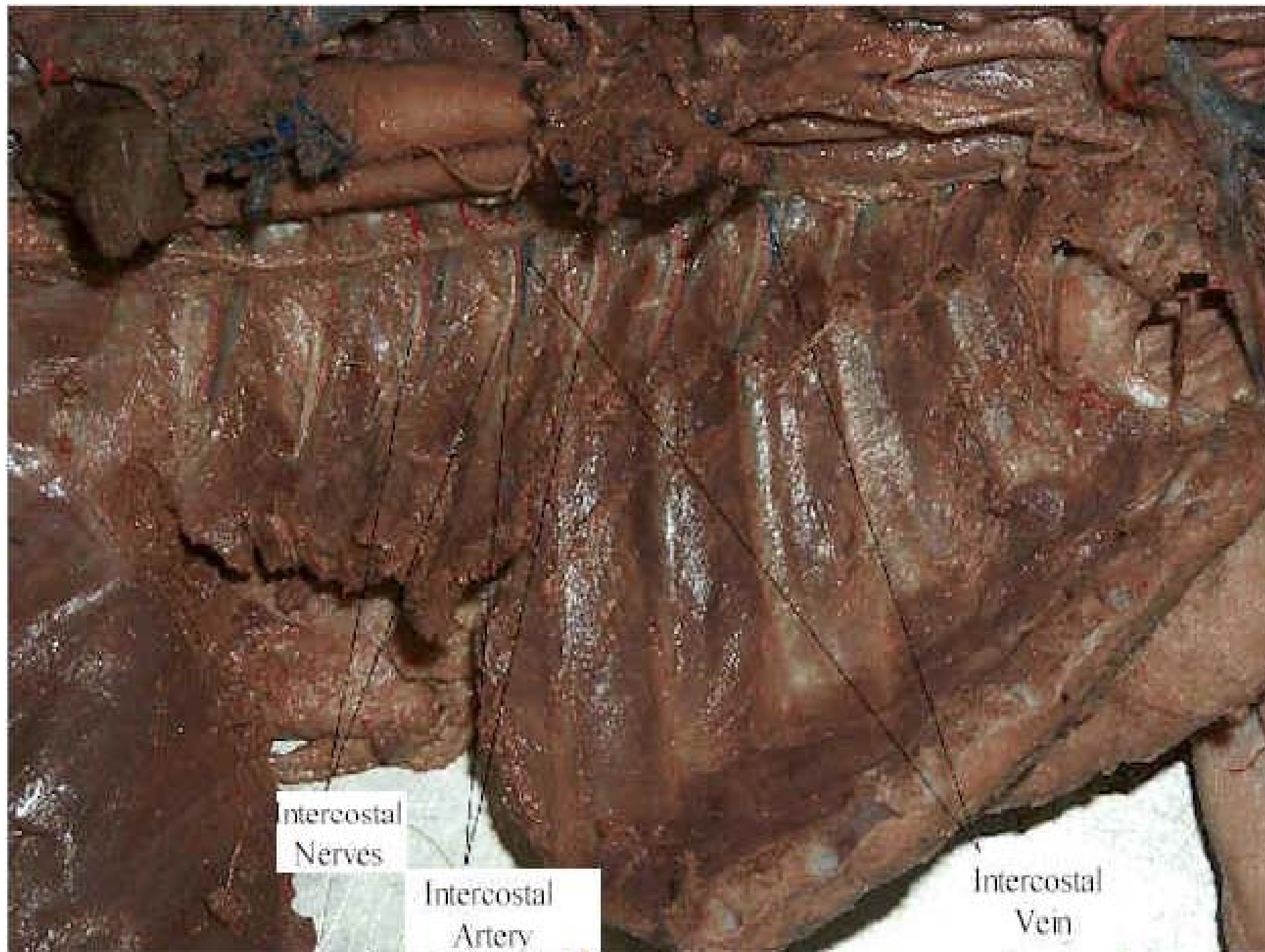
Urinary Bladder

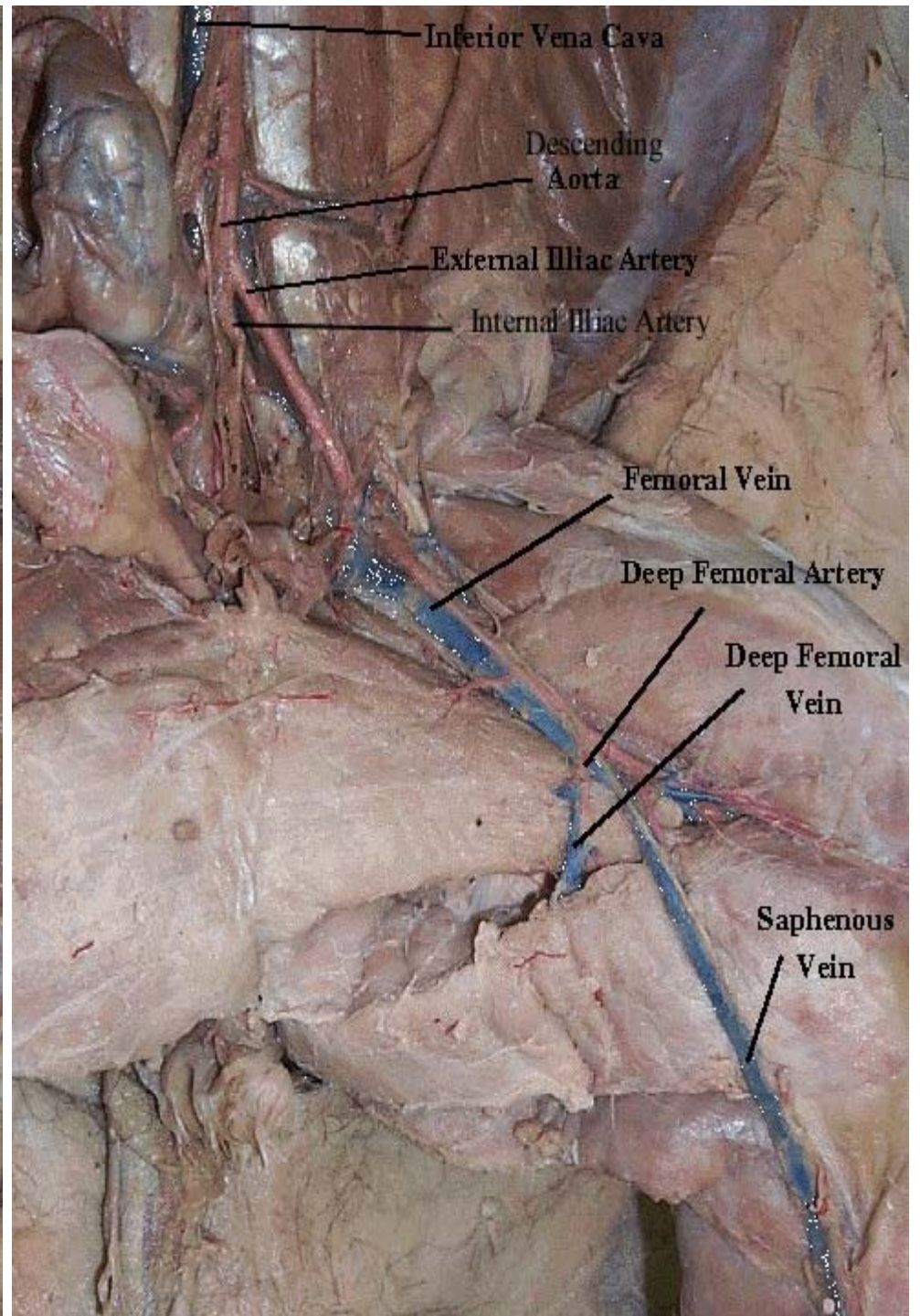
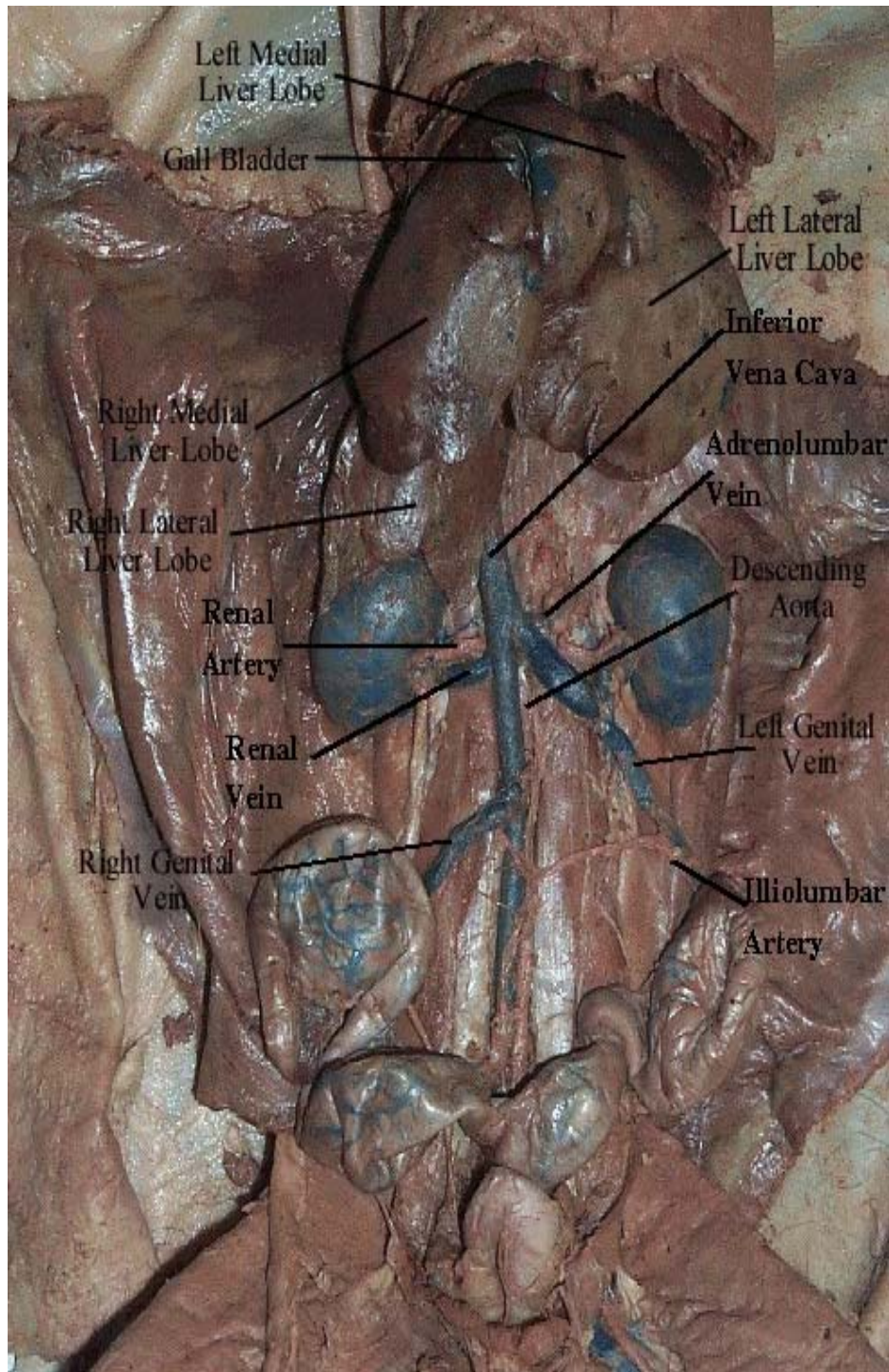


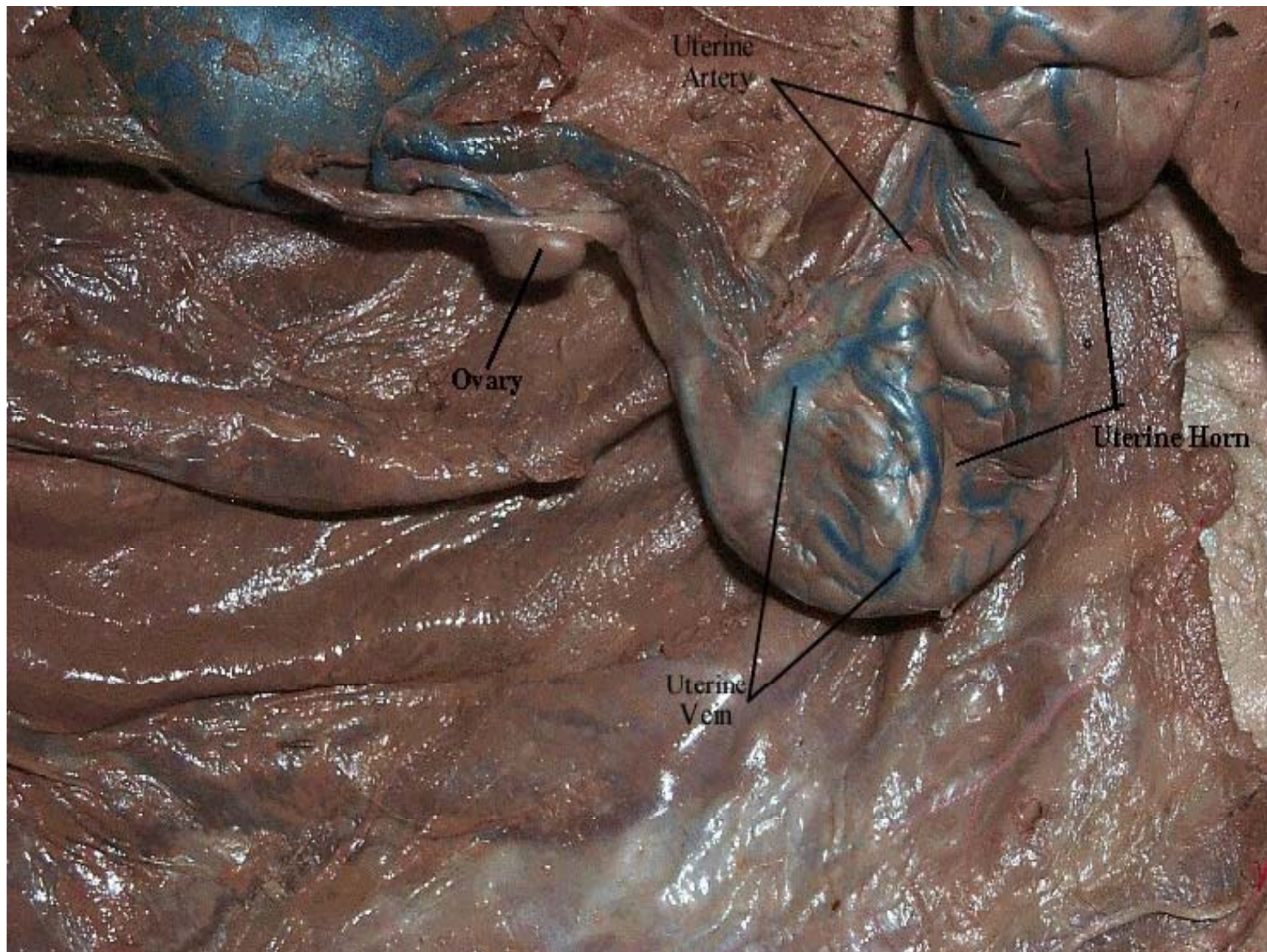


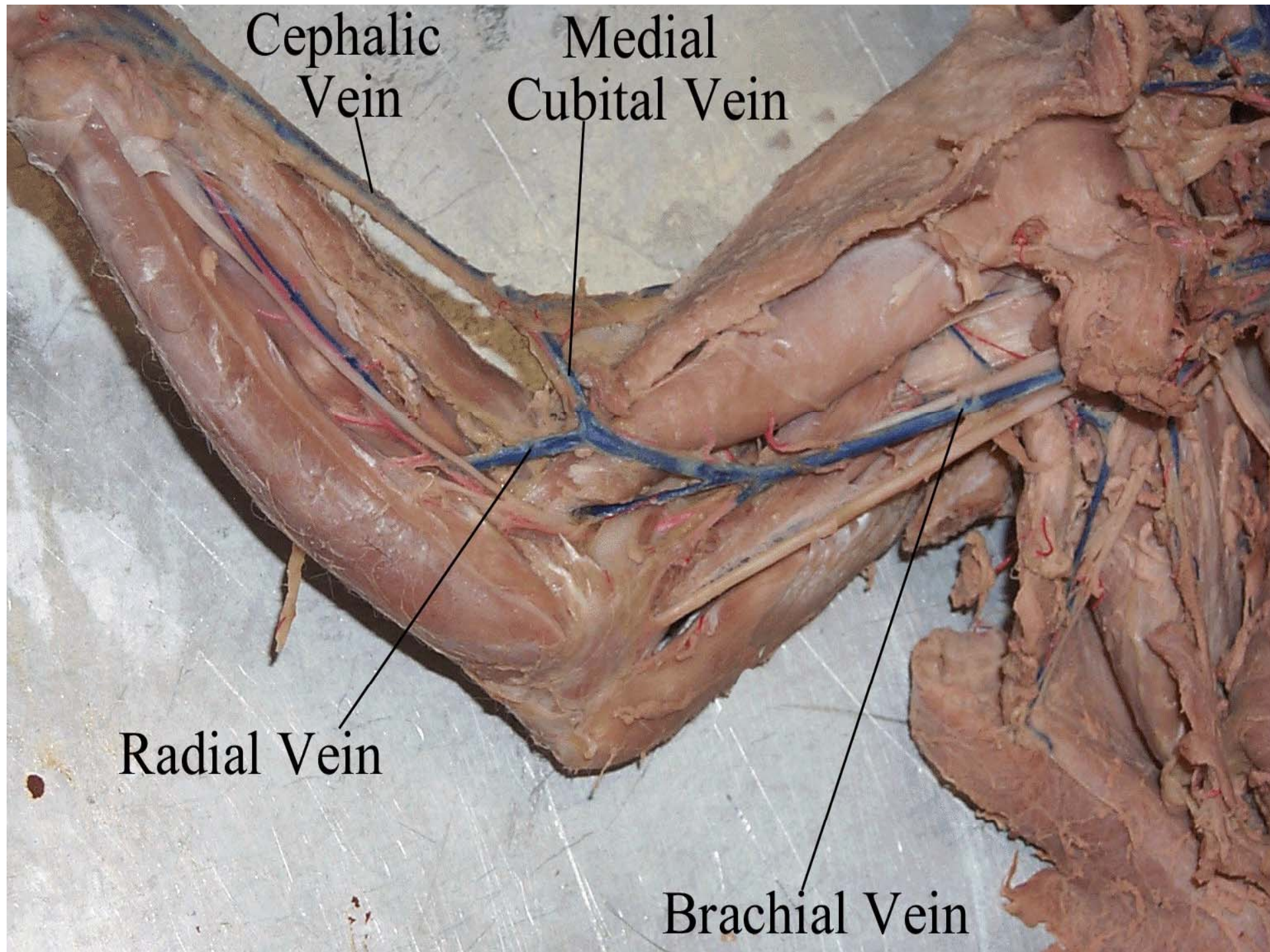






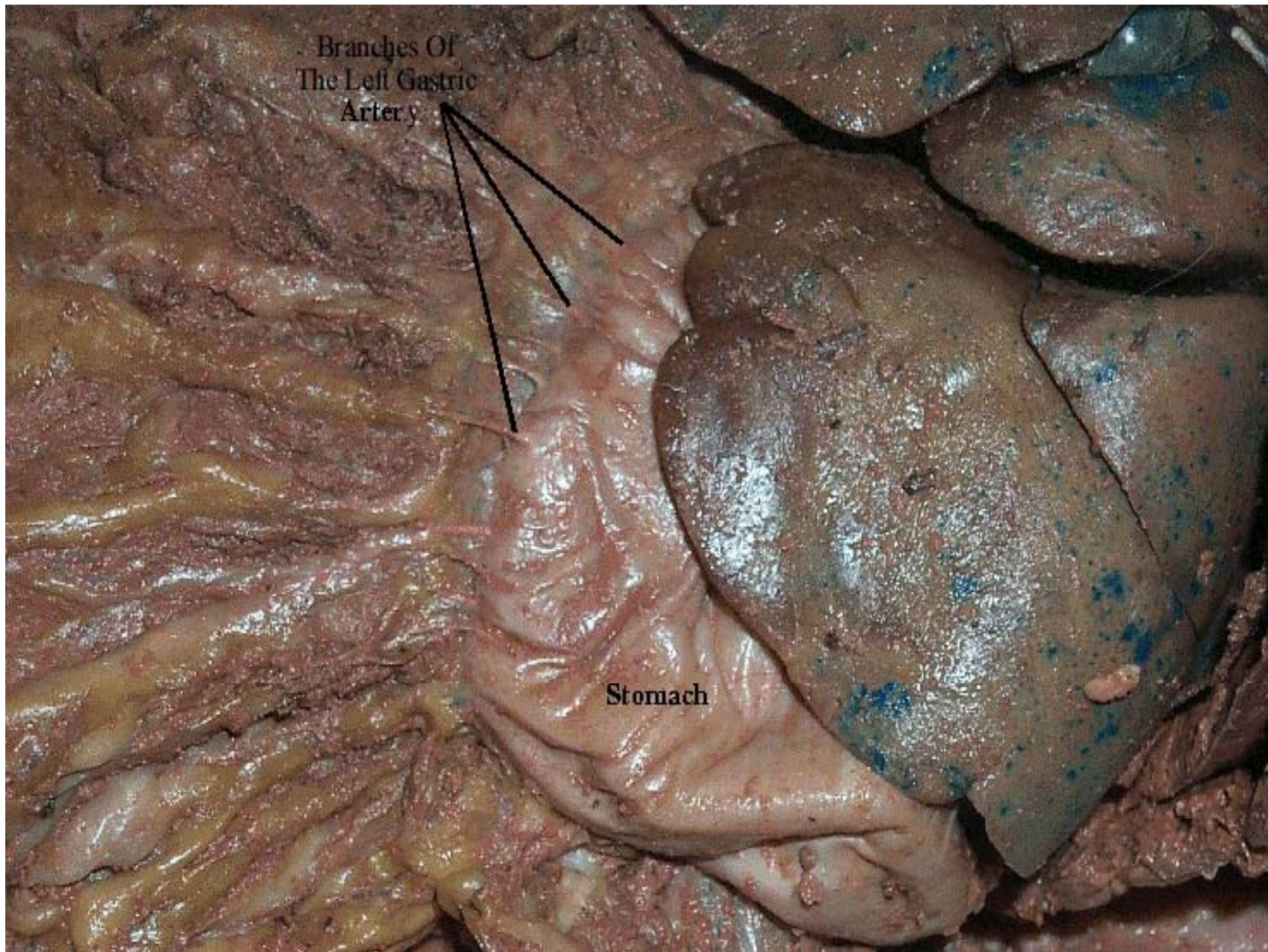


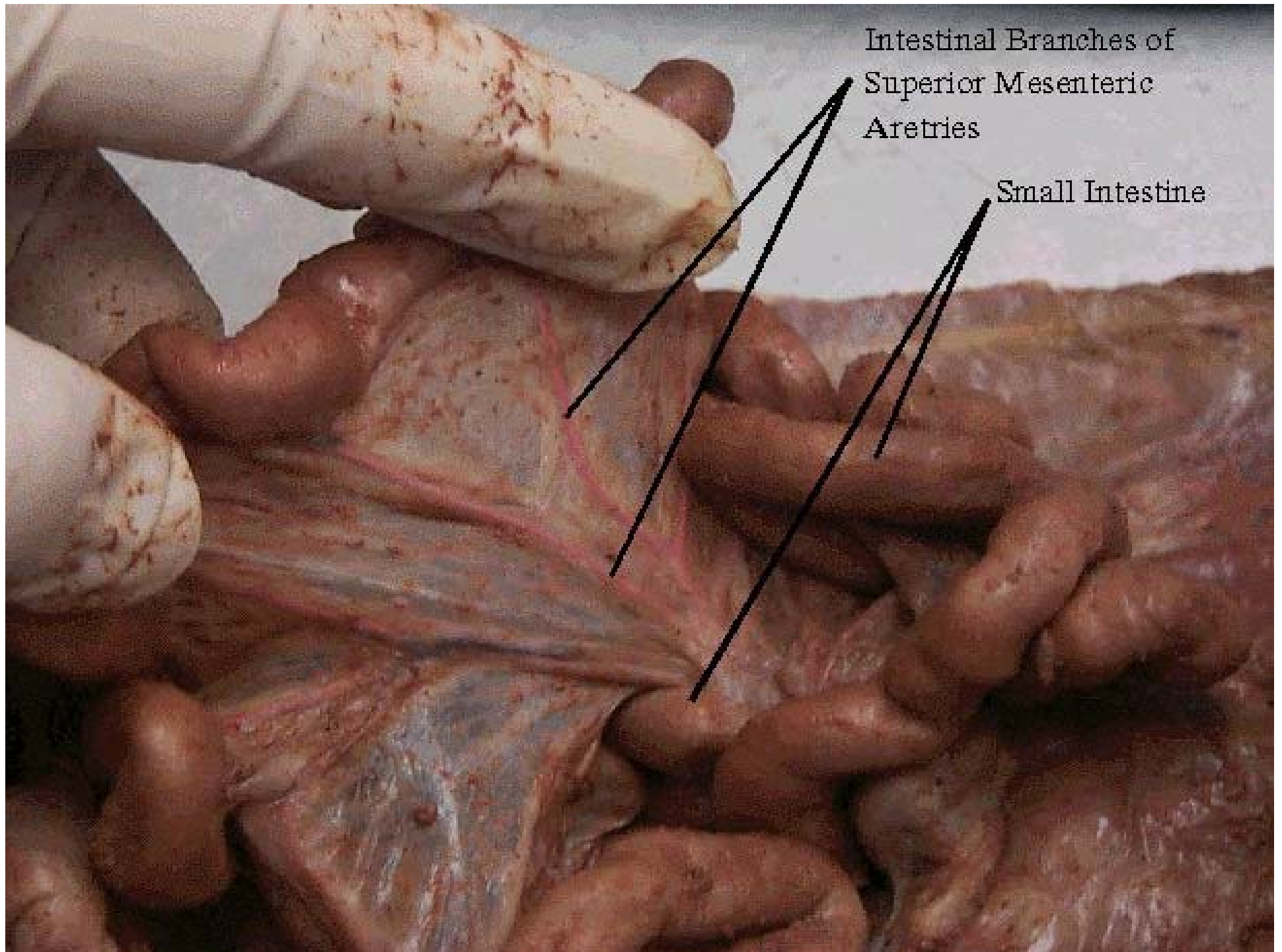




Branches Of
The Left Gastric
Artery

Stomach





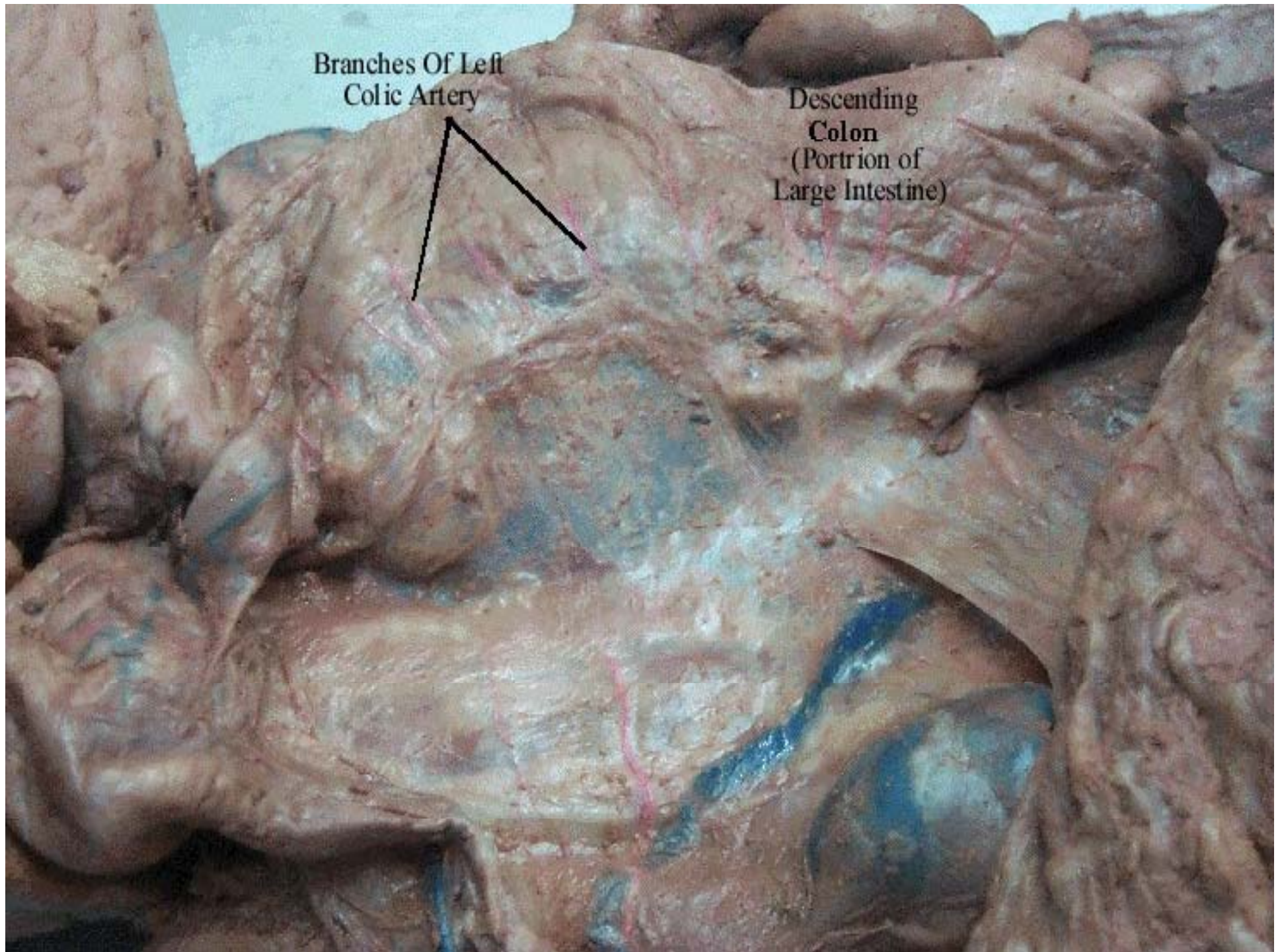
Intestinal Branches of
Superior Mesenteric
Arteries

Small Intestine

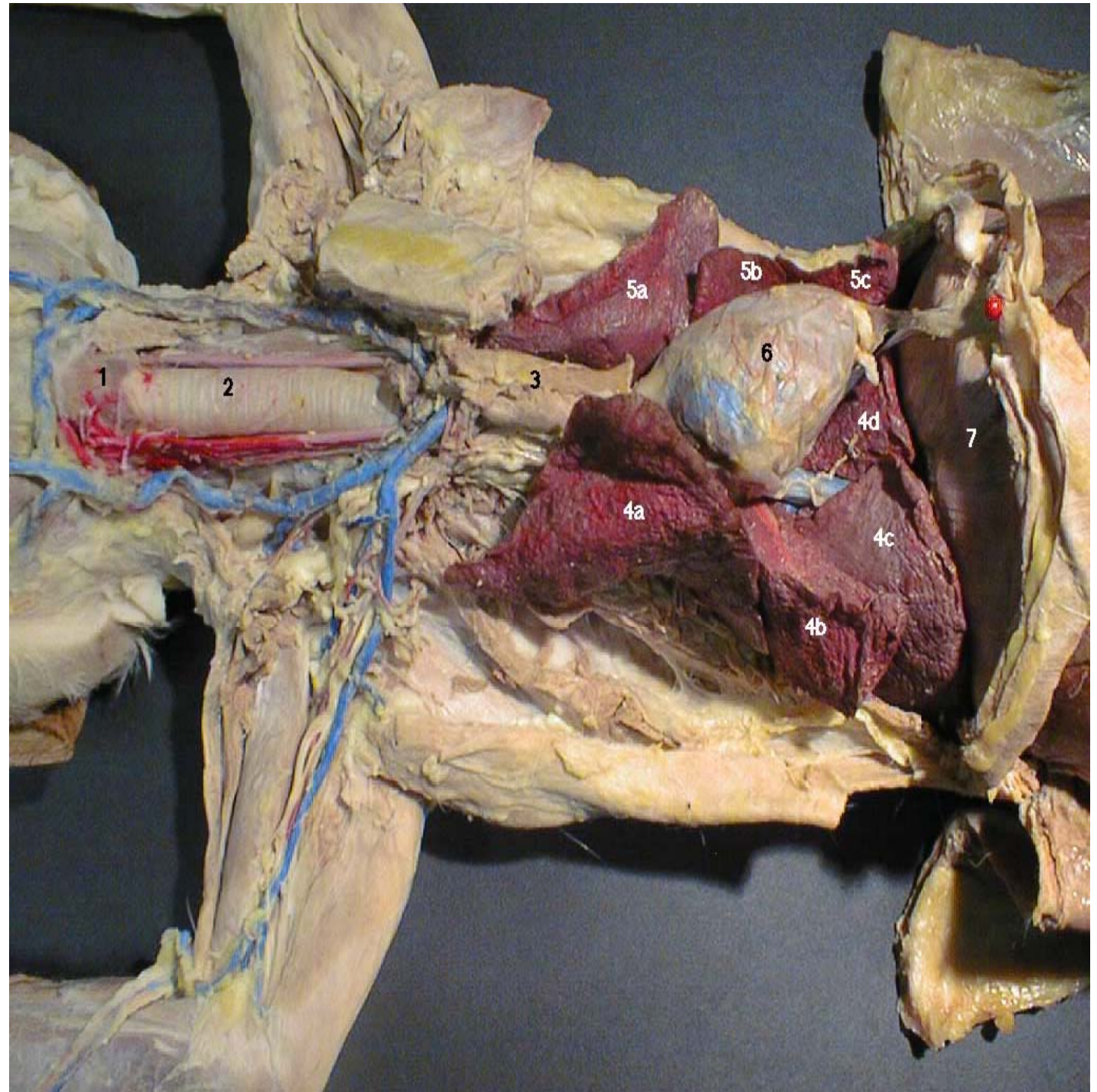


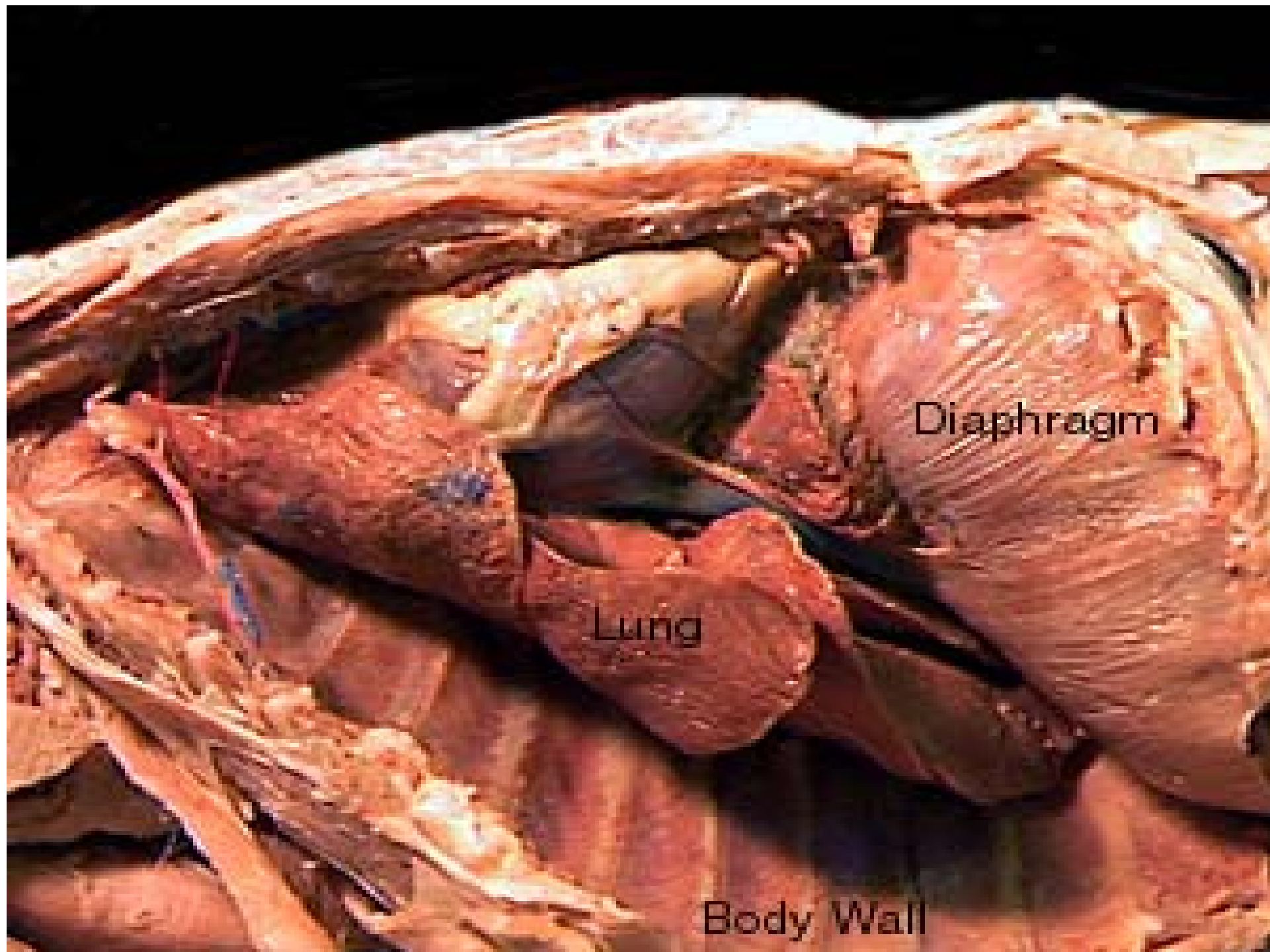
Branches Of Left
Colic Artery

Descending
Colon
(Portion of
Large Intestine)

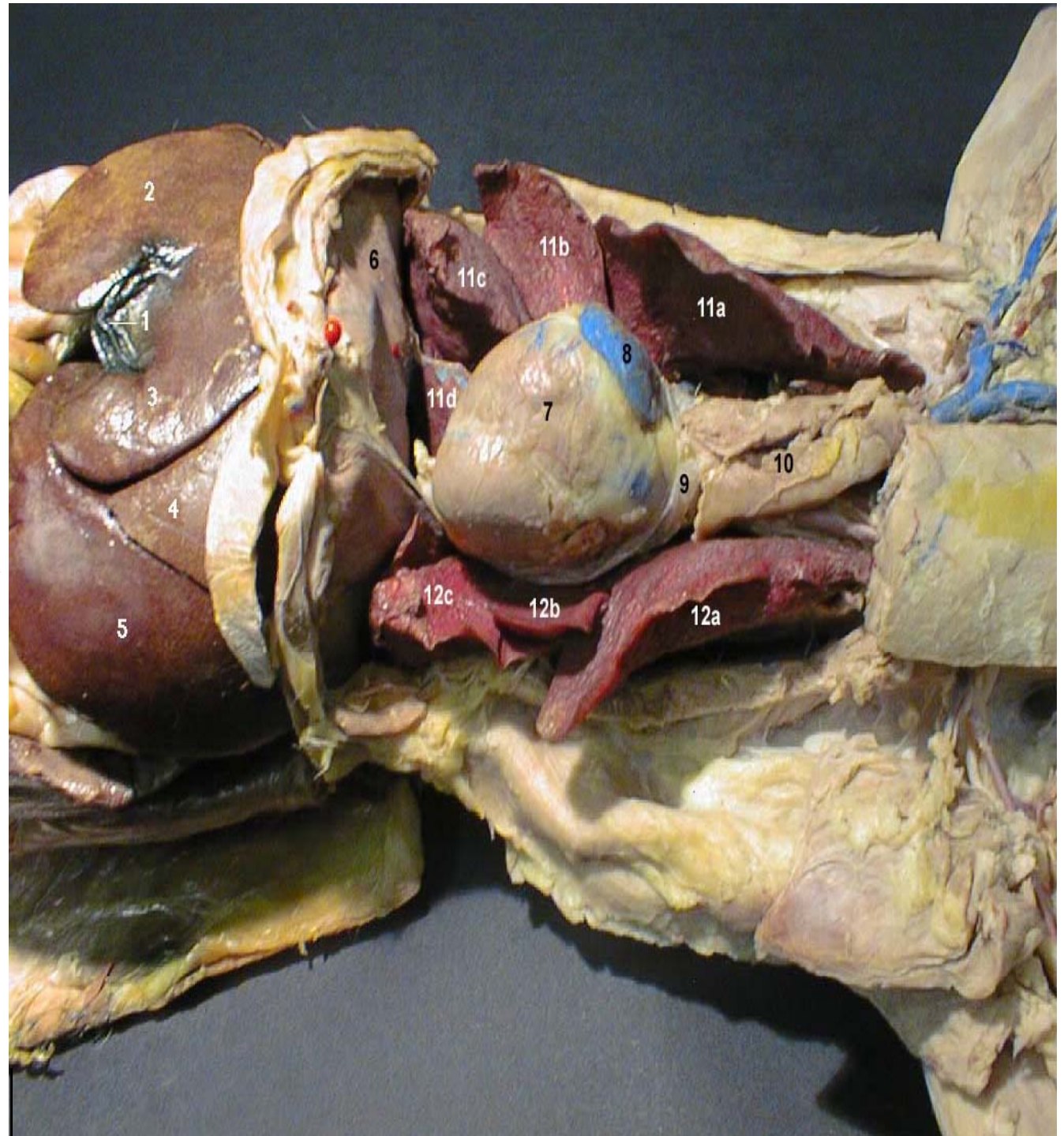


- | | |
|-----------------------------------|---|
| 1 Larynx | 4 Right Lung
d Accessory or
Mediastinal
Lobe |
| 2 Trachea | 5 Left Lung
a Cranial Lobe |
| 3 Thymus
Gland | 5 Left Lung
b Middle Lobe |
| 4 Right Lung
a Cranial
Lobe | 5 Left Lung
c Caudal Lobe |
| 4 Right Lung
b Middle Lobe | 6 Heart in
Pericardial
Sac |
| 4 Right Lung
c Caudal
Lobe | 7 Diaphragm |

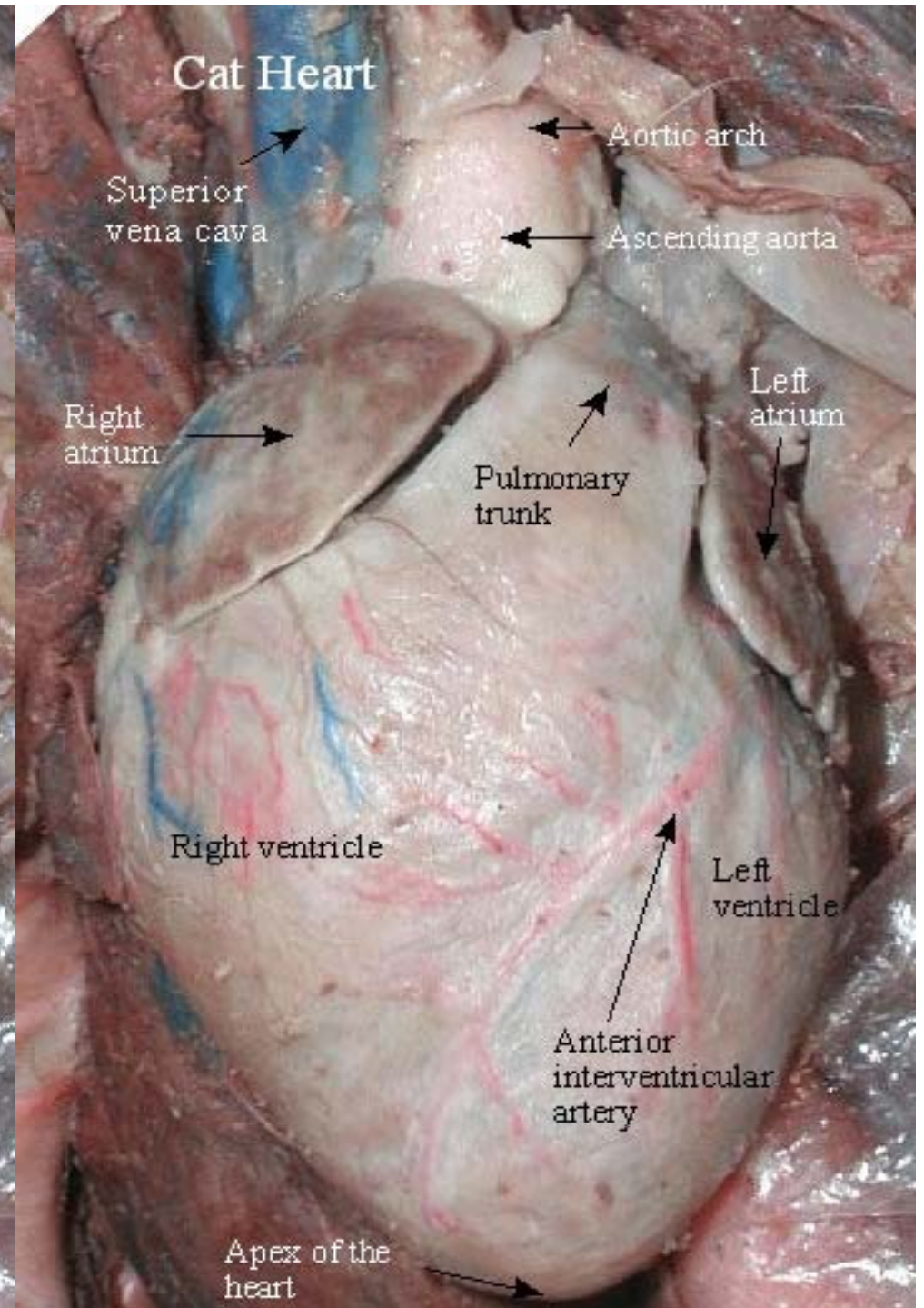


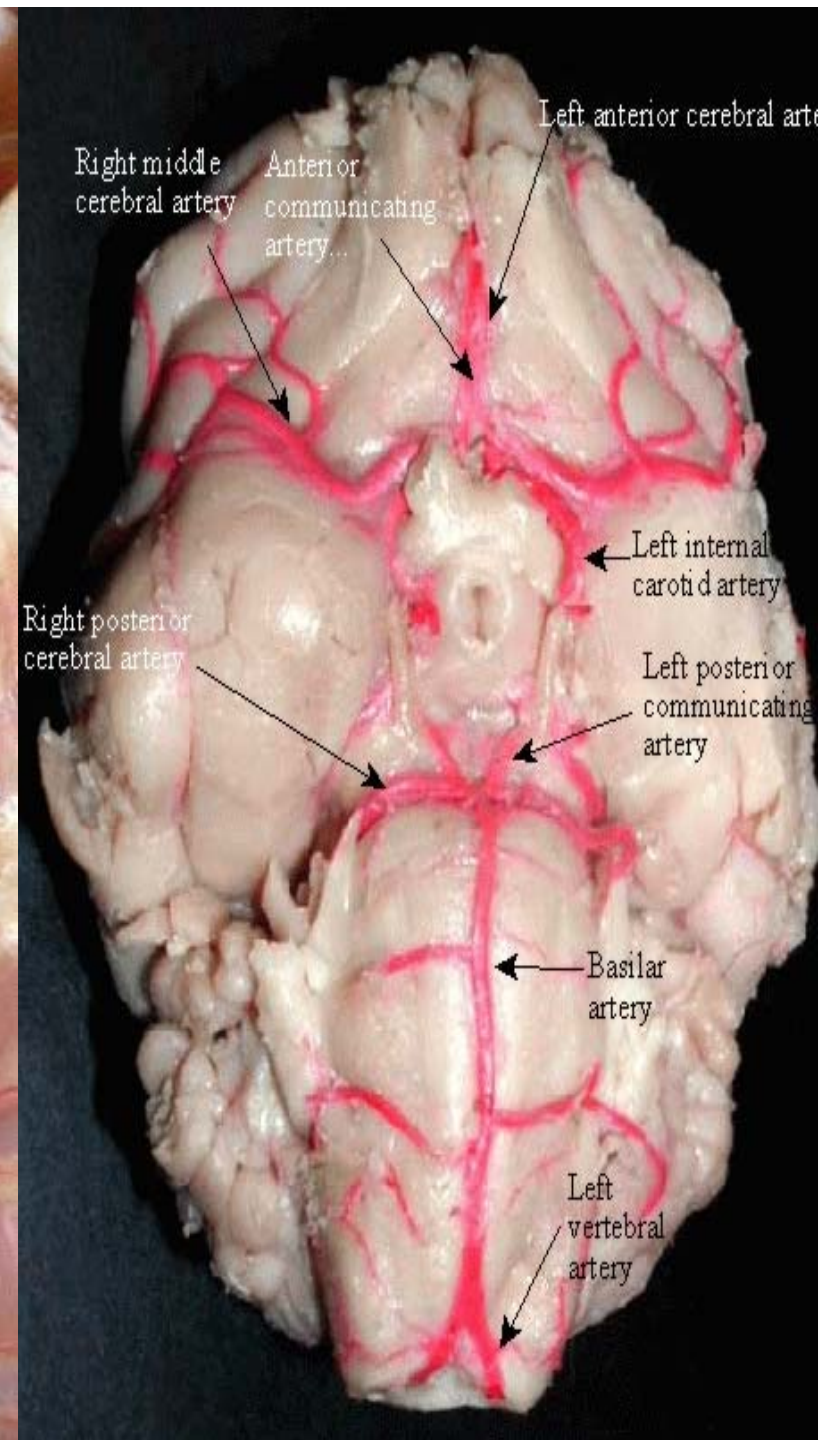
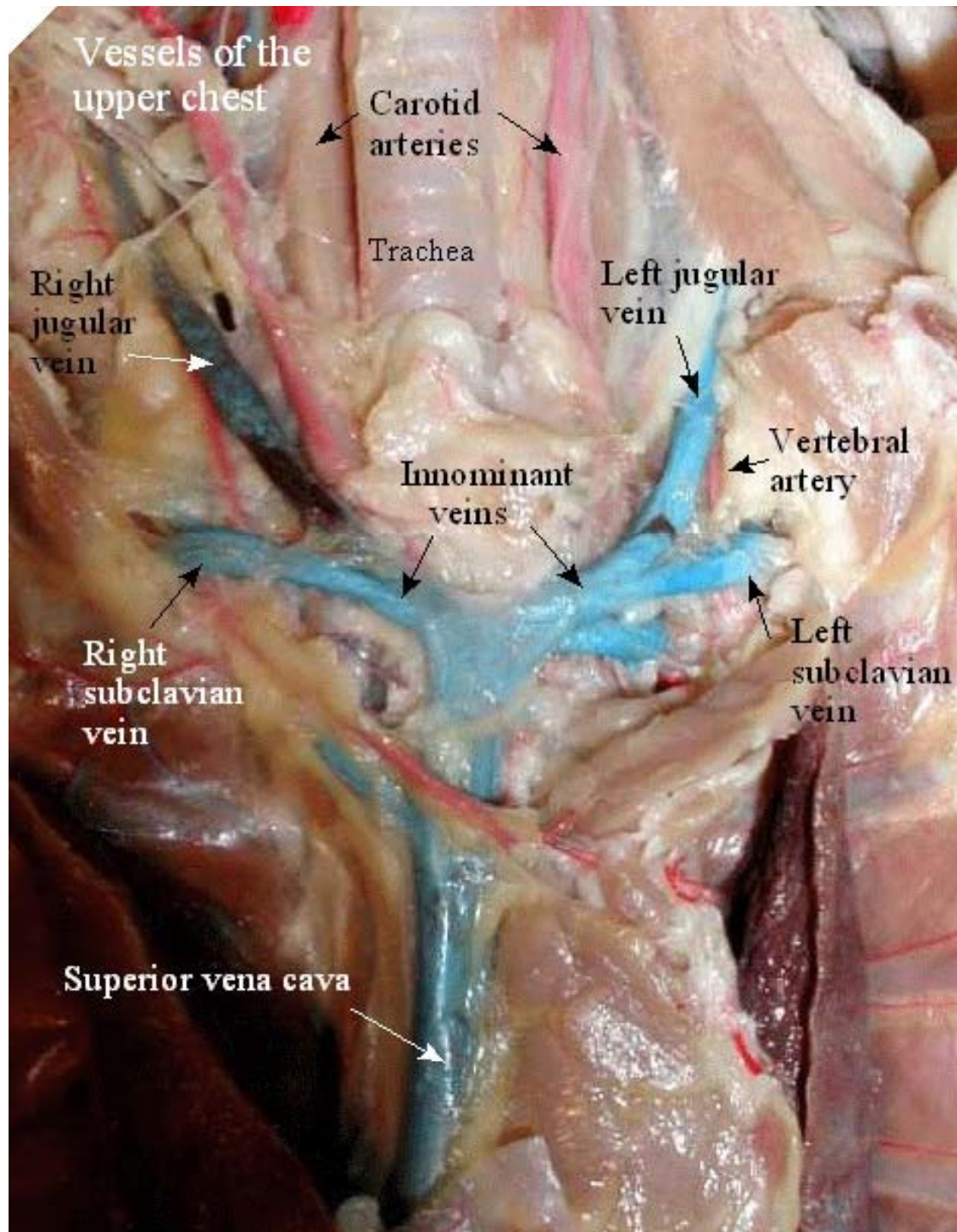


1 Gall Bladder	10 Thymus Gland
2 Right Medial Lobe of Liver	11 Right Lung Cranial a Lobe
3 Quadrate Lobe of Liver	11b Right Lung Middle b Lobe
4 Left Medial Lobe of Liver	11c Right Lung Caudal c Lobe
5 Left Lateral Lobe of Liver	11d Right Lung Accessory d or Mediastinal Lobe
6 Diaphragm	12 Left Lung Cranial a Lobe
7 Heart	12b Left Lung Middle b Lobe
8 Right Auricle of Heart	12c Left Lung Caudal c Lobe
9 Pericardial Sac Tissue	

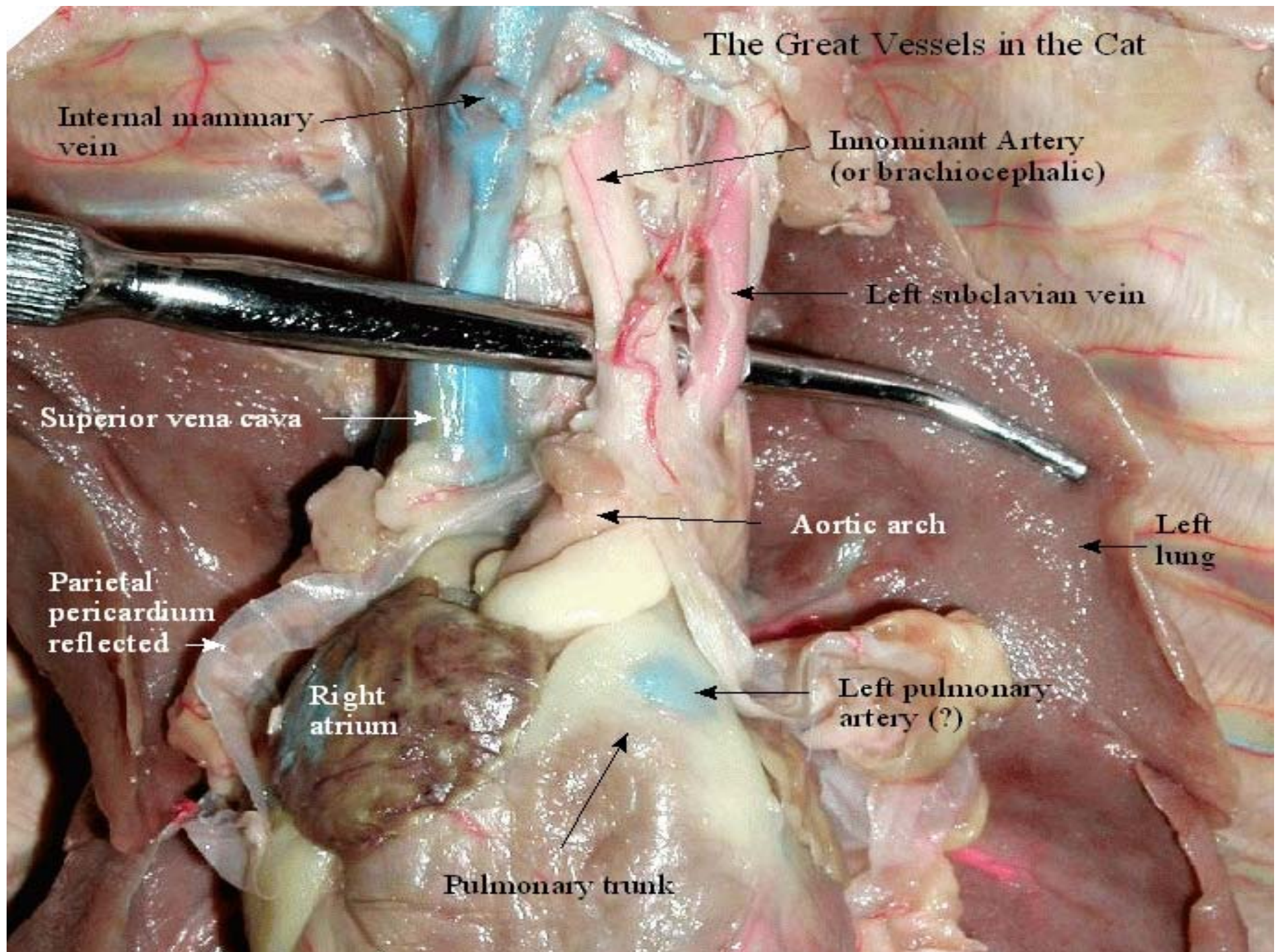






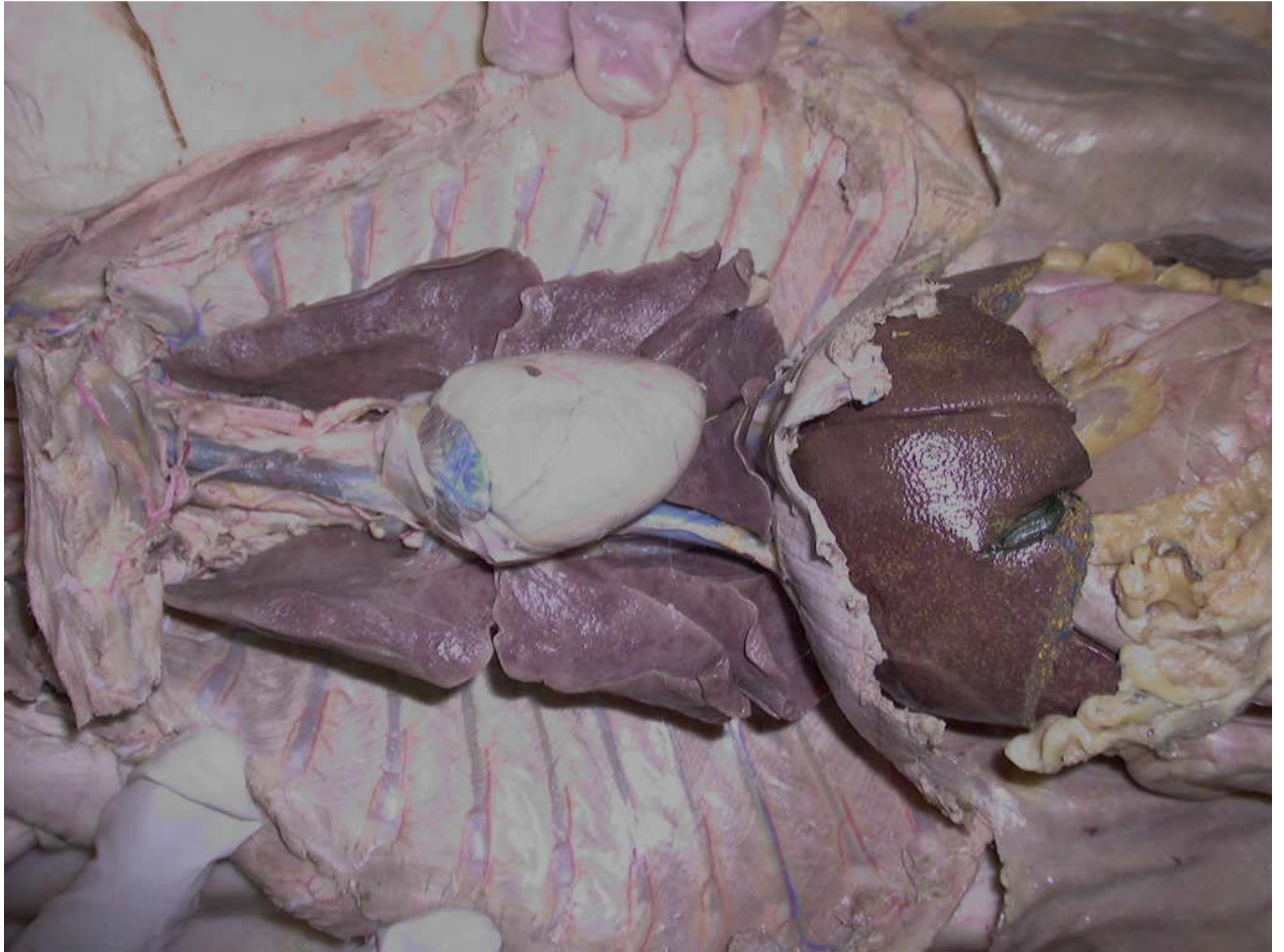


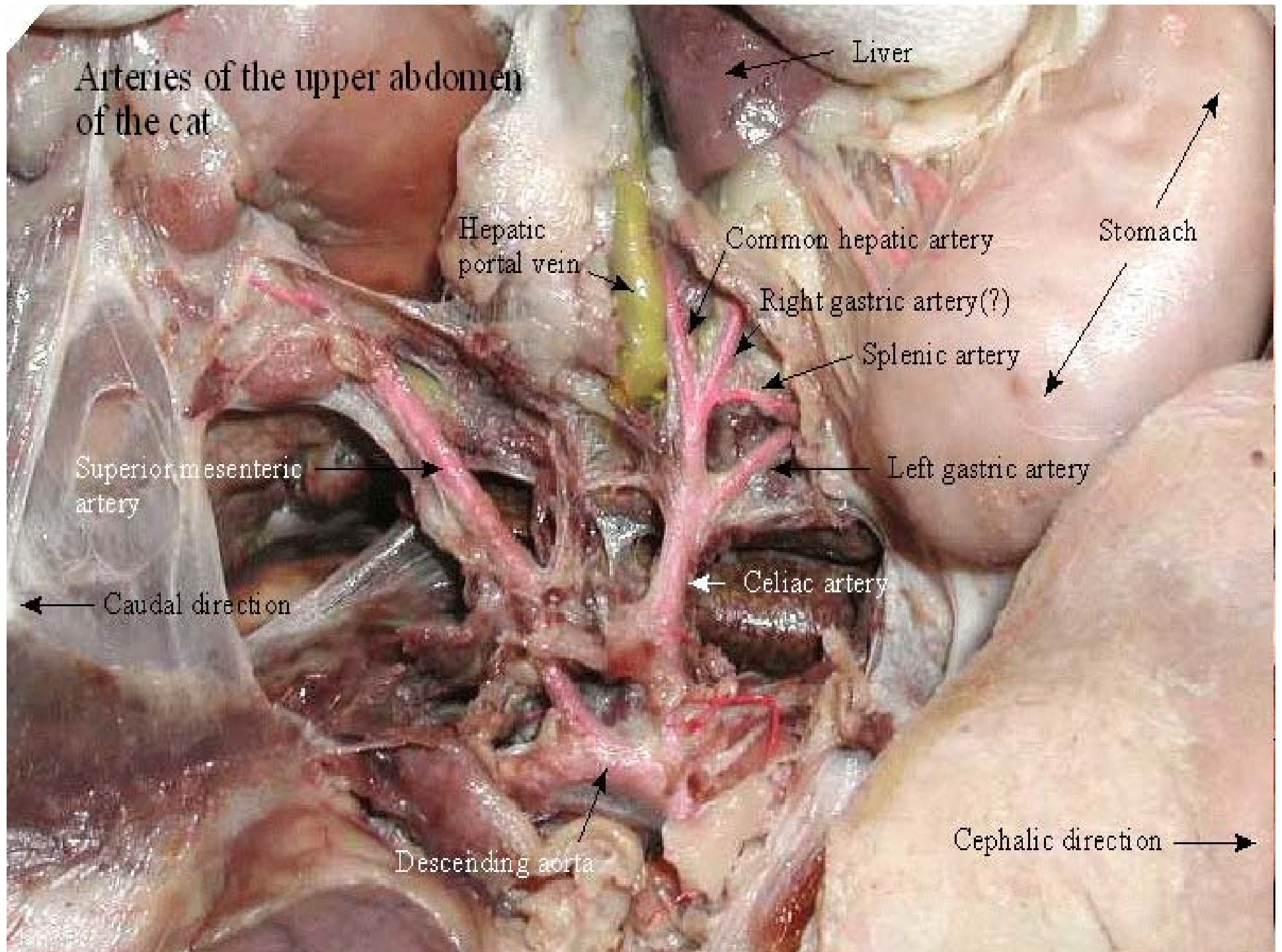
The Great Vessels in the Cat



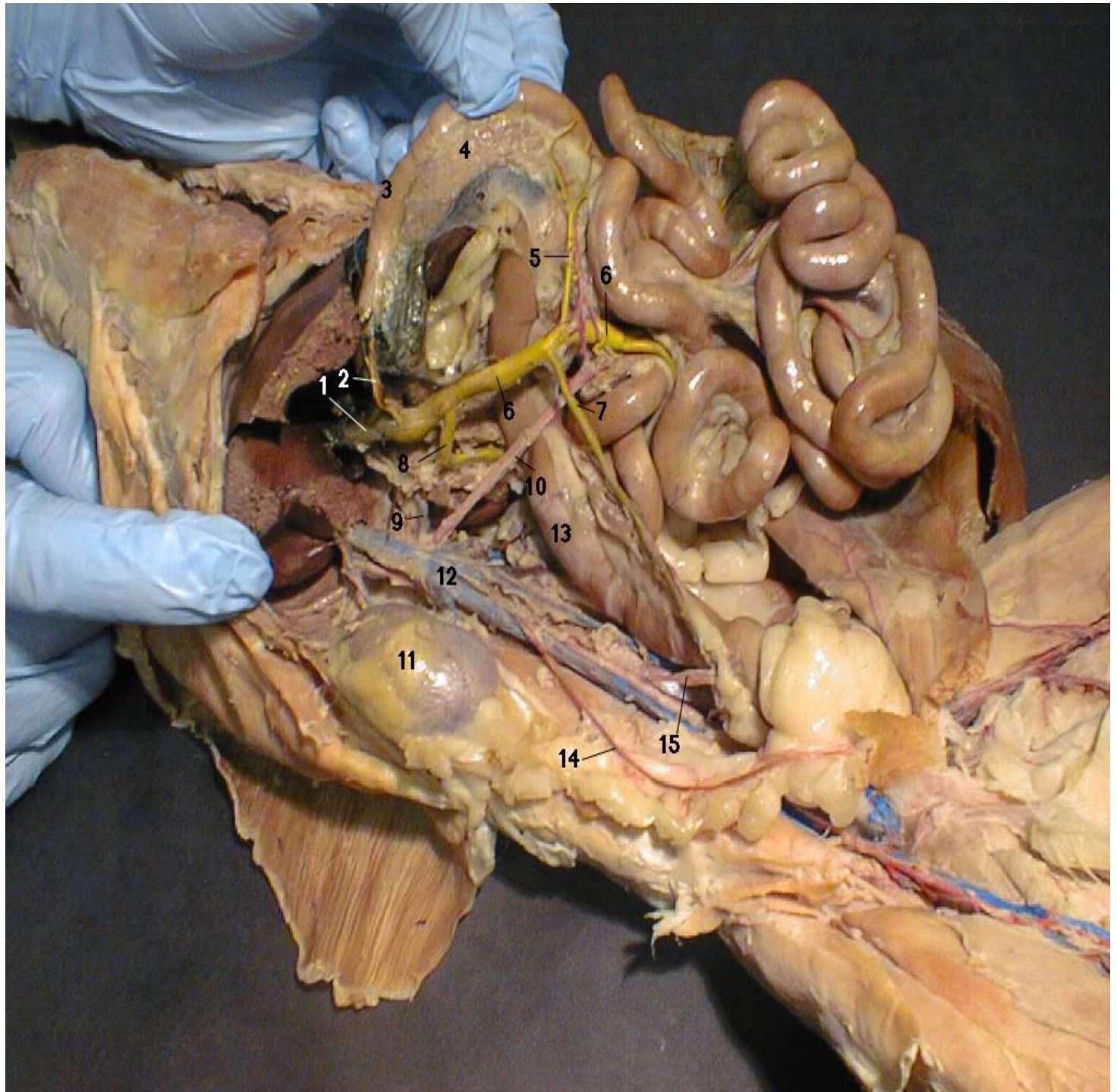


Thoracic Aorta

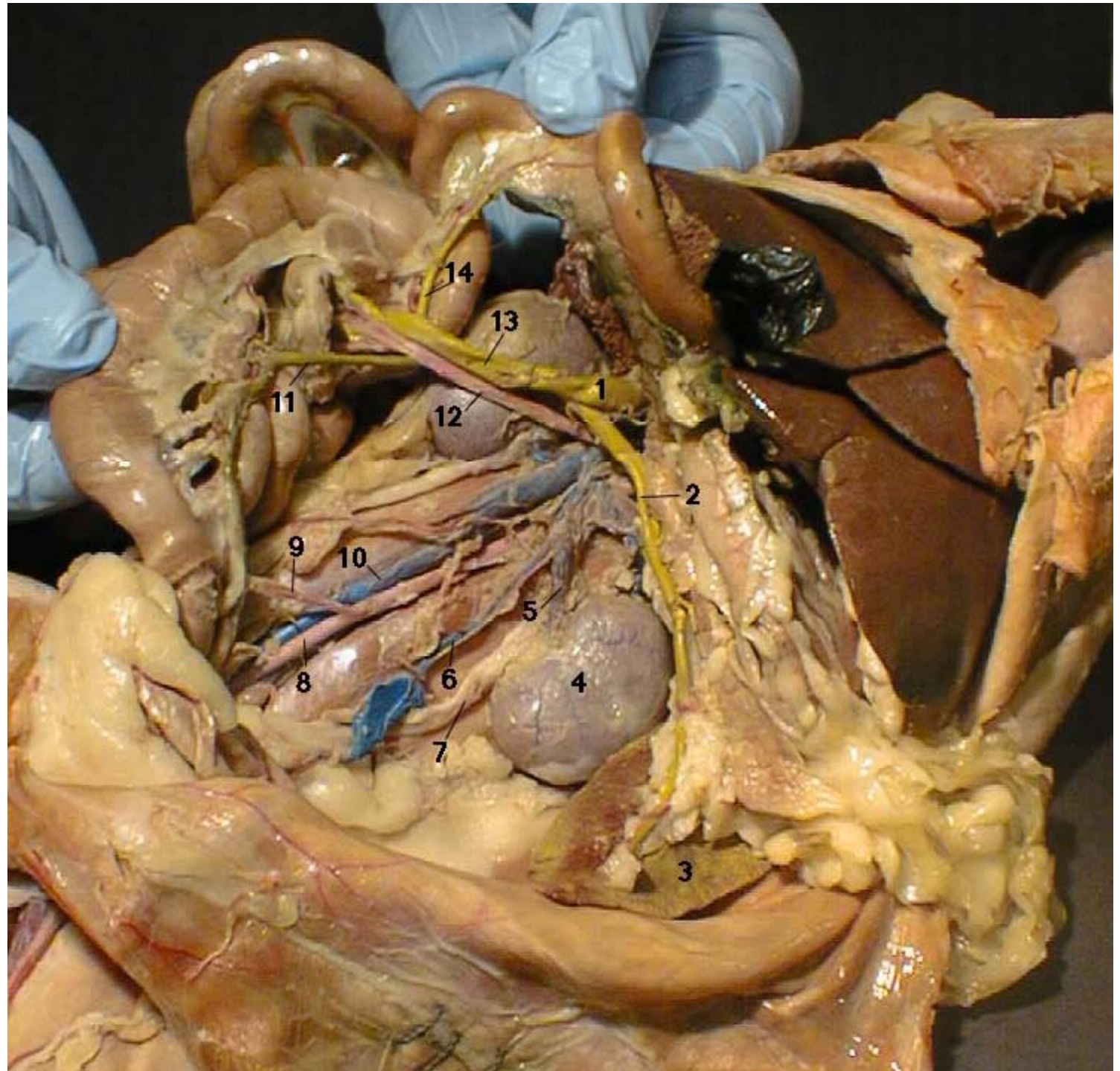


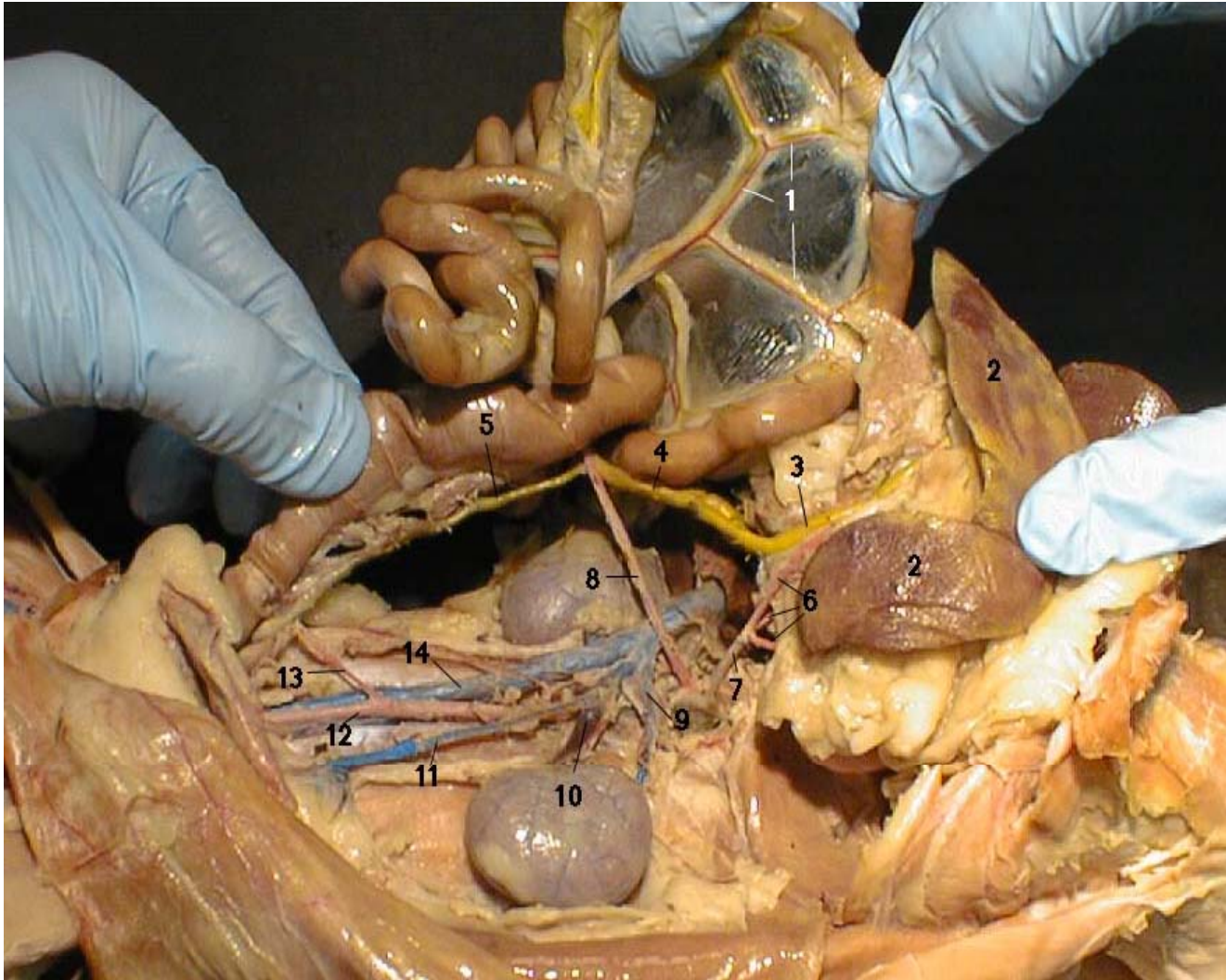


- | | |
|----------------|-----------------|
| 1 Hepatic | 9 Celiac Artery |
| . Portal Vein | . |
| 2 Anterior | 1 Superior |
| . Pancreatico | 0 Mesenteric |
| . duodenal | . Artery |
| Vein | . |
| 3 | 1 |
| . Duodenum | 1 Left Kidney |
| . | . |
| 4 Pancreas | 1 Inferior Vena |
| . | 2 Cava |
| . | . |
| Posterior | 1 |
| 5 Pancreatico | 3 Colon |
| . duodenal | . |
| Vein | . |
| 6 Superior | 1 Internal |
| . Mesenteric | 4 Spermatic |
| . Vein | . Artery |
| 7 Inferior | 1 Inferior |
| . Mesenteric | 5 Mesenteric |
| . Vein | . Artery |
| 8 Gastrospleni | |
| . c Vein | |

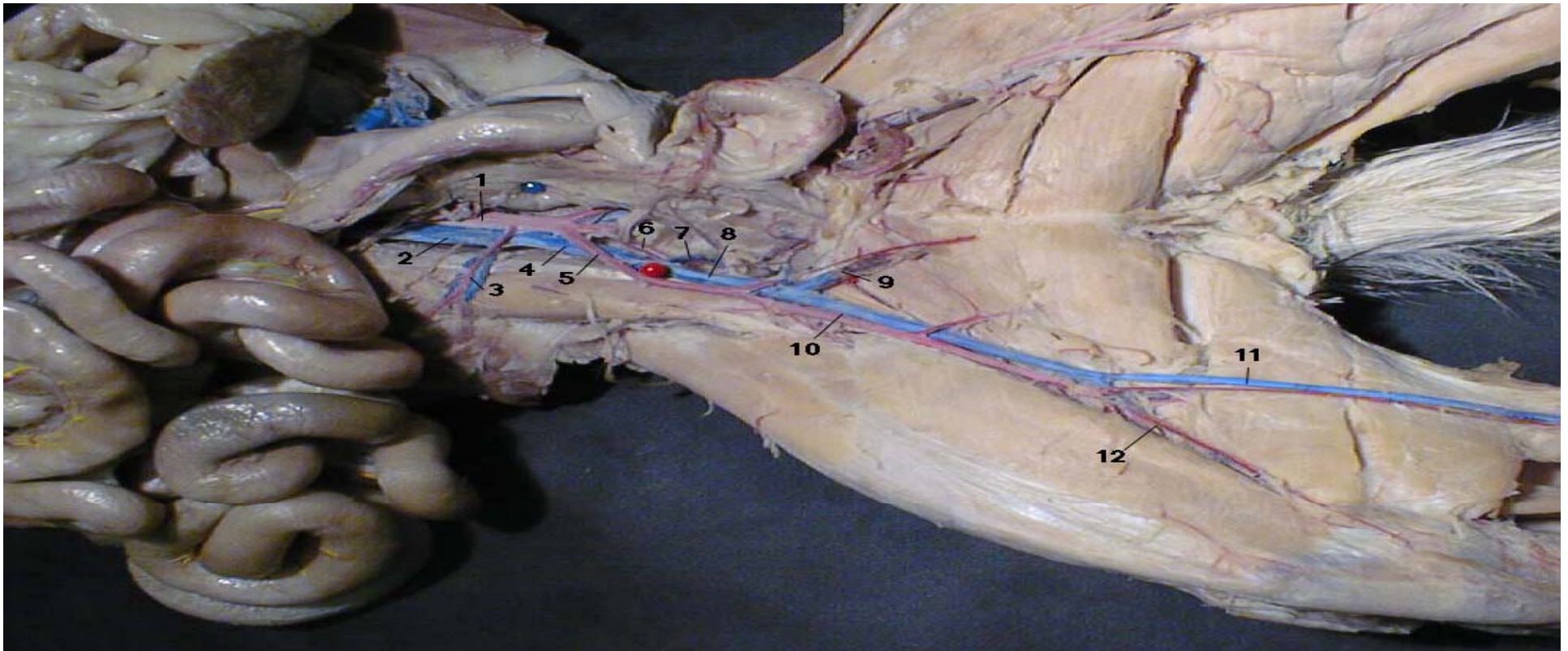


- | | |
|---------------------------|---------------------------------------|
| 1 Hepatic | 8 Abdominal |
| 2 Gastrospleenic Vein | 9 Inferior Mesenteric Artery |
| 3 Spleen | 10 Inferior Vena Cava |
| 4 Left Kidney | 11 Inferior Mesenteric Vein |
| 5 Renal Vein | 12 Superior Mesenteric Artery |
| 6 Internal Spermatic Vein | 13 Superior Mesenteric Vein |
| 7 Ureter | 14 Posterior Pancreaticoduodenal Vein |



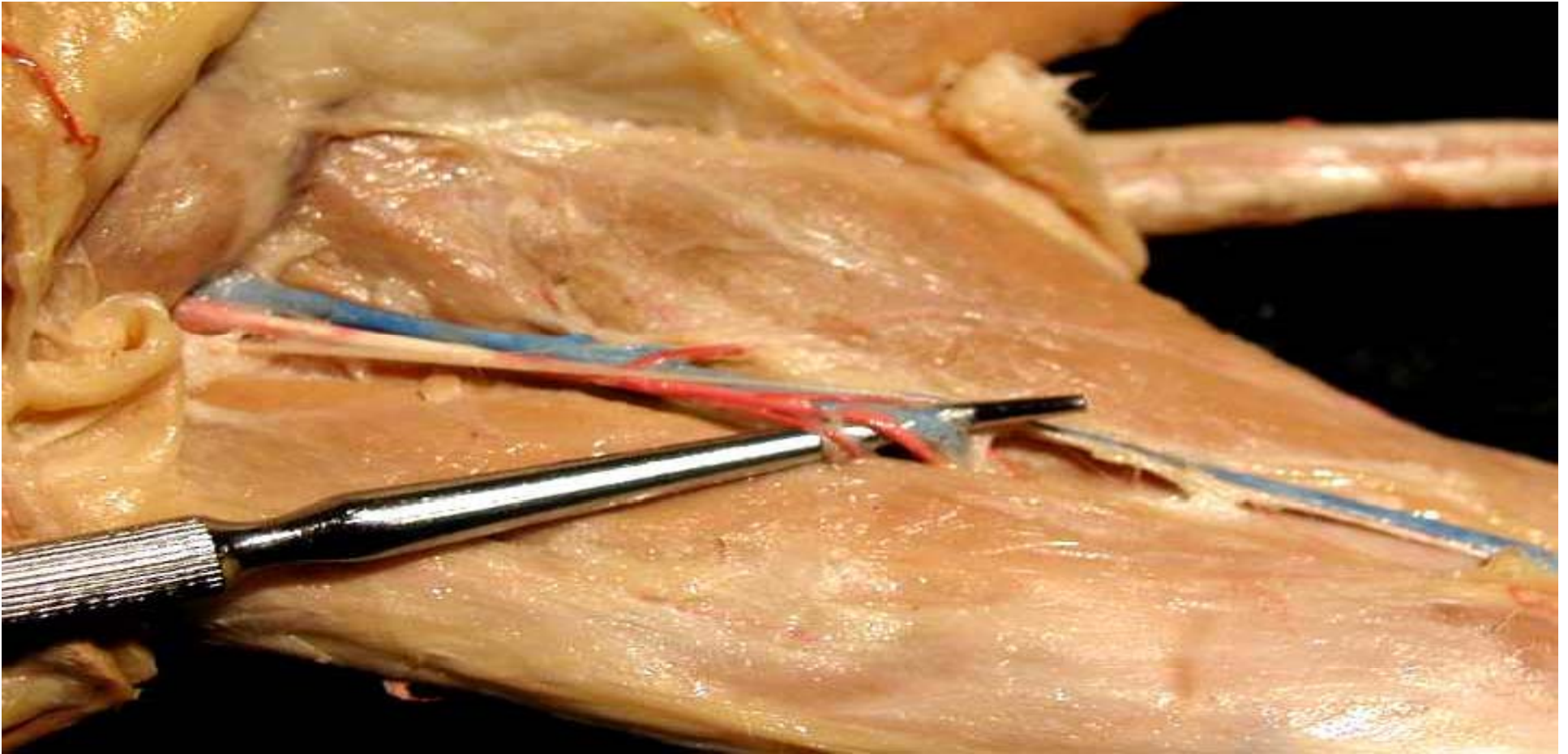


- | | |
|--------------------------------------|-------------------------------|
| 1 Intestinal Arteries & Veins | 8 Superior Mesenteric Artery |
| 2 Spleen | 9 Adrenolumbar Vein |
| 3 Gastrosplenic Vein | 10 Renal Vein |
| 4 Superior Mesenteric Vein | 11 Internal Spermatic Vein |
| 5 Inferior Mesenteric Vein | 12 Abdominal Aorta |
| 6 Splenic, Hepatic, & Gastric Artery | 13 Inferior Mesenteric Artery |
| 7 Celiac Artery | 14 Inferior Vena Cava |



1. Abdominal Aorta
2. Inferior Vena Cava
3. Right Iliolumbar Artery & Vein
4. Right Common Iliac Vein
5. Right External Iliac Artery
6. Right Internal Iliac Artery

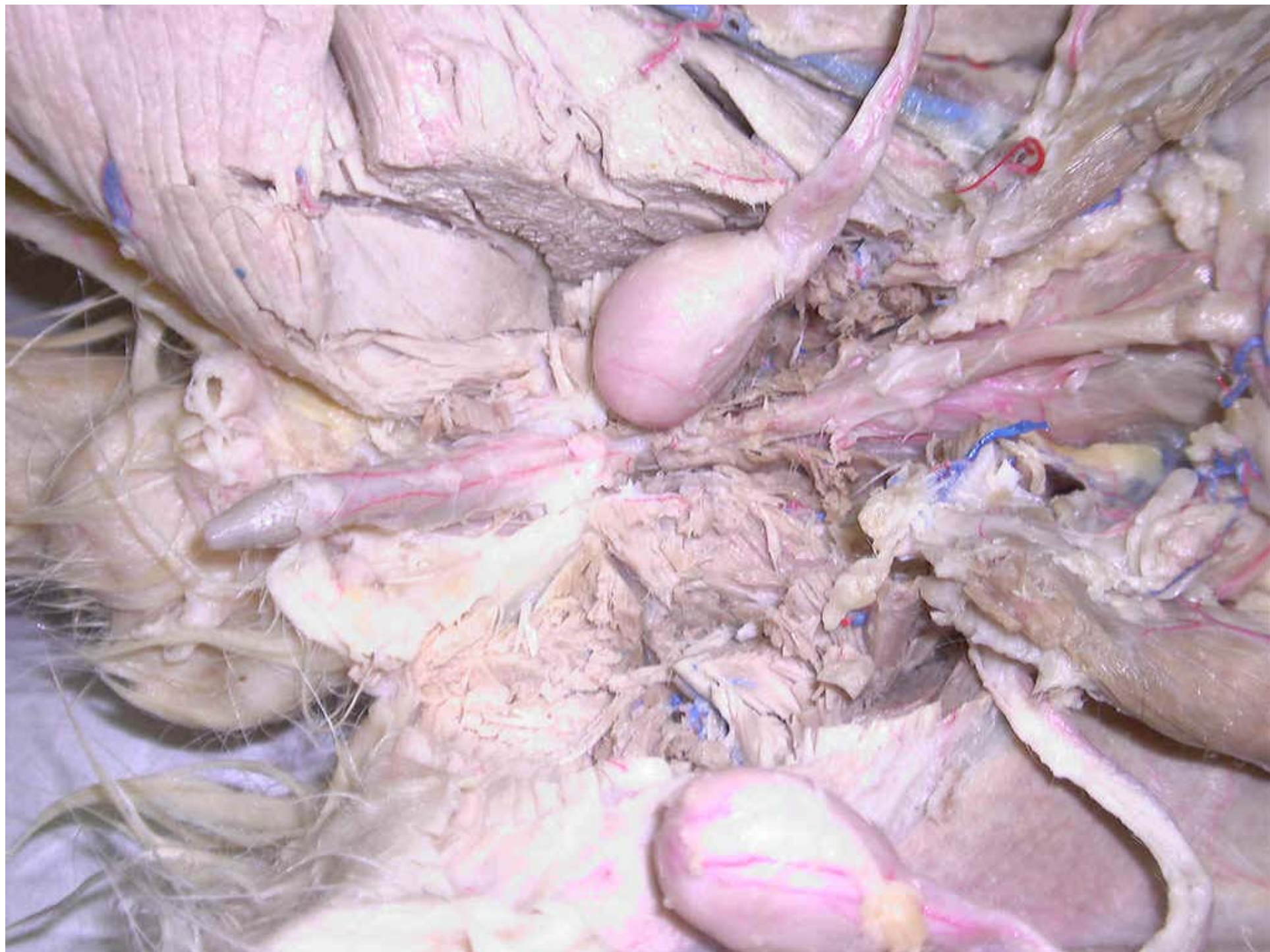
7. Right Internal Iliac Vein
8. Right External Iliac Vein
9. Right Deep Femoral Artery & Vein
10. Right Femoral Artery & Vein
11. Right Saphenous Artery & Vein
12. Right Popliteal Artery & Vein



The descending aorta ends where it splits into the **R & L common iliac arteries** ["external" iliac in the cat].

These branch to form the **deep femoral arteries** (plunge deep just before abdominal wall) and the **femoral arteries** at the exit point from the abdomen.

The **saphenous vein**, the major superficial vein of the leg, runs down the medial surface of the of the leg.





Mandible

Digastric muscle

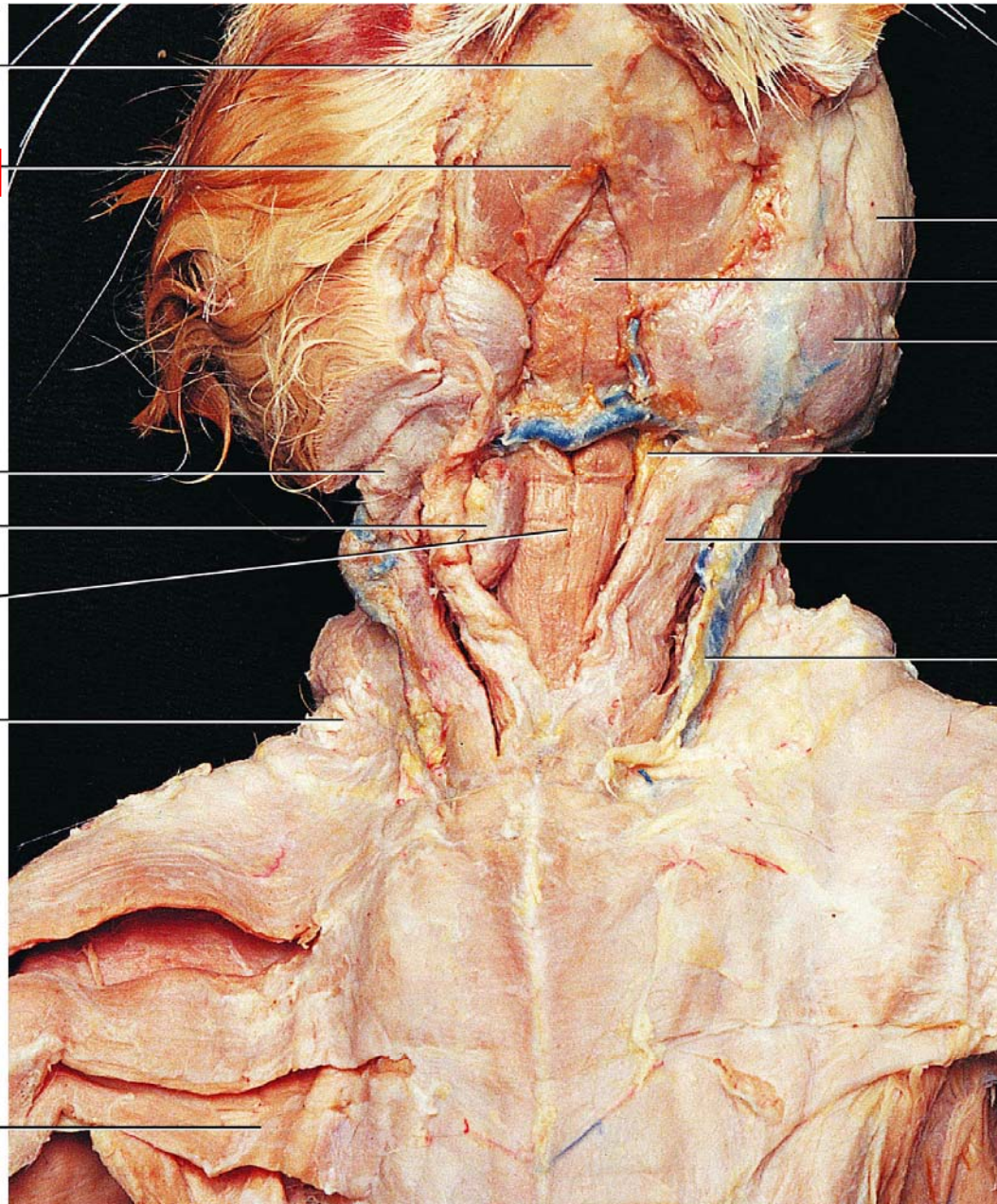
Submandibular gland

Lymph node

Sternohyoid

Clavotrapezius

Pectoralis major



Masseter

Mylohyoid

Parotid gland

Sternothyroid

Sternomastoid

External jugular vein

Clavotrapezius

Clavobrachialis

Pectoralis major

Pectoantebrachialis

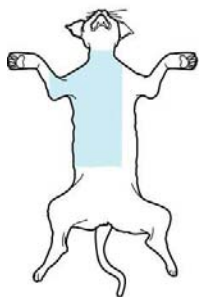
Epitrochlearis

Pectoralis minor

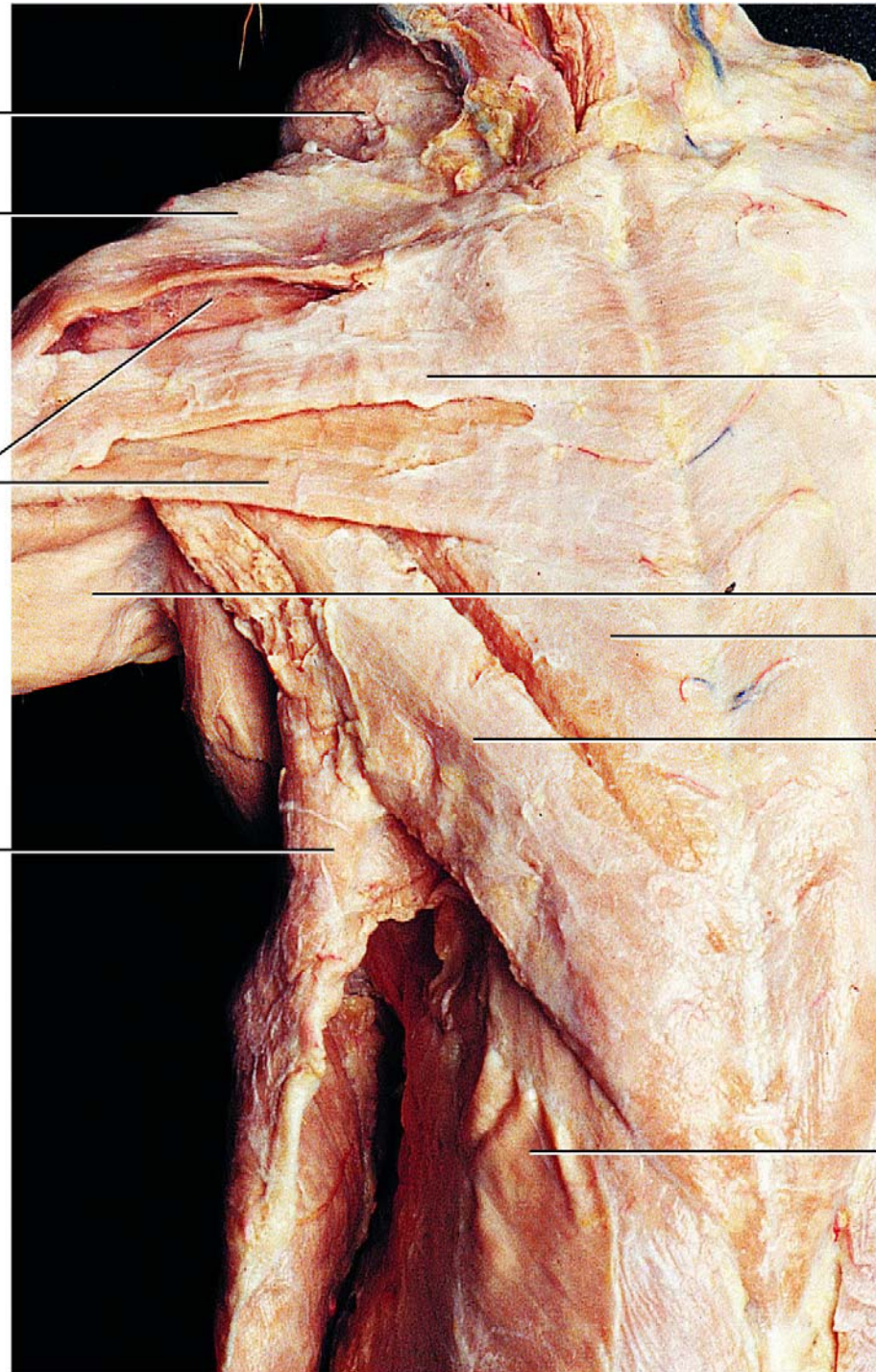
Xiphohumeralis

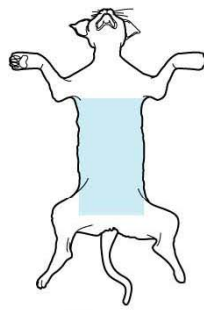
Latissimus dorsi

External oblique

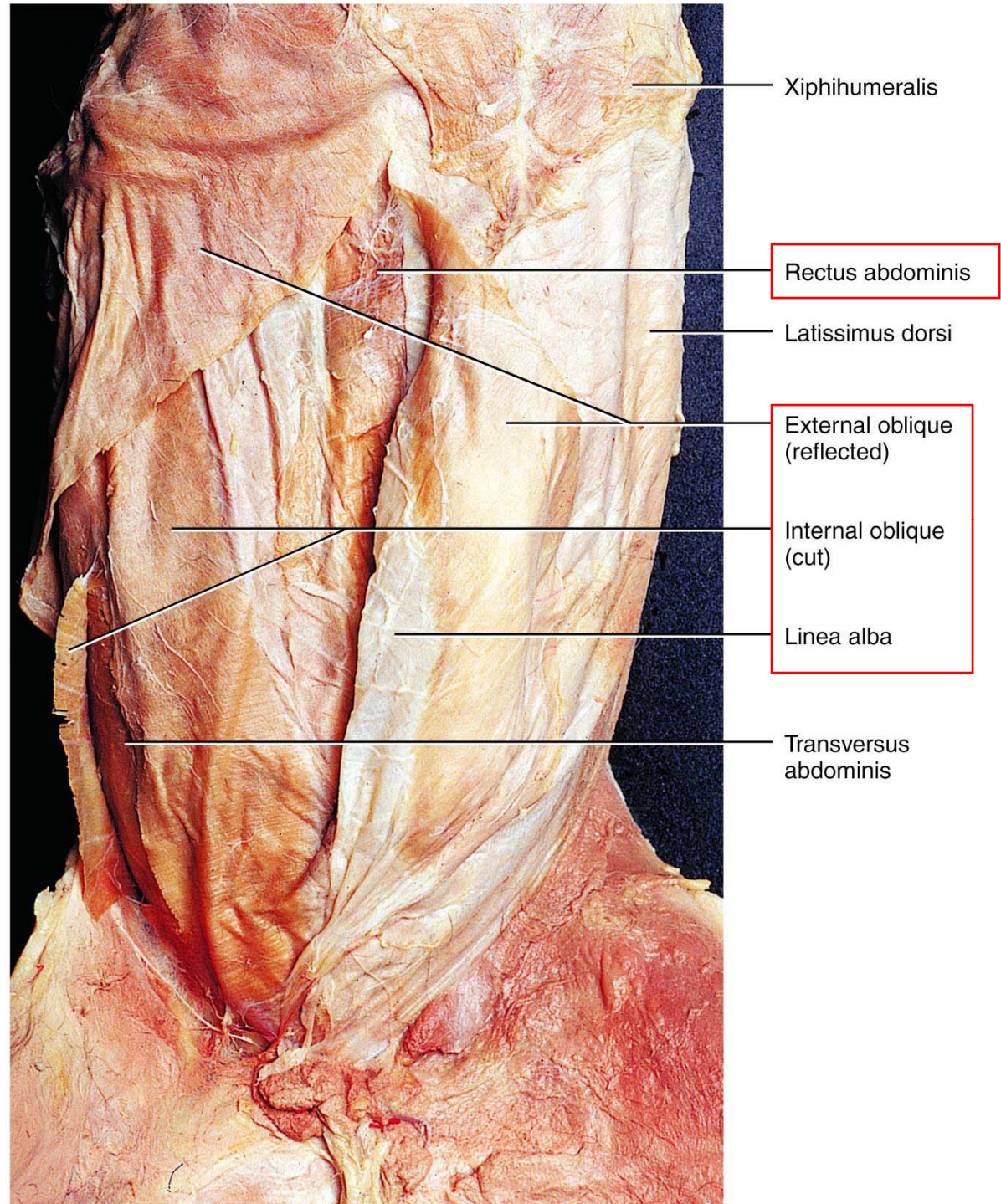


Ventral





Ventral

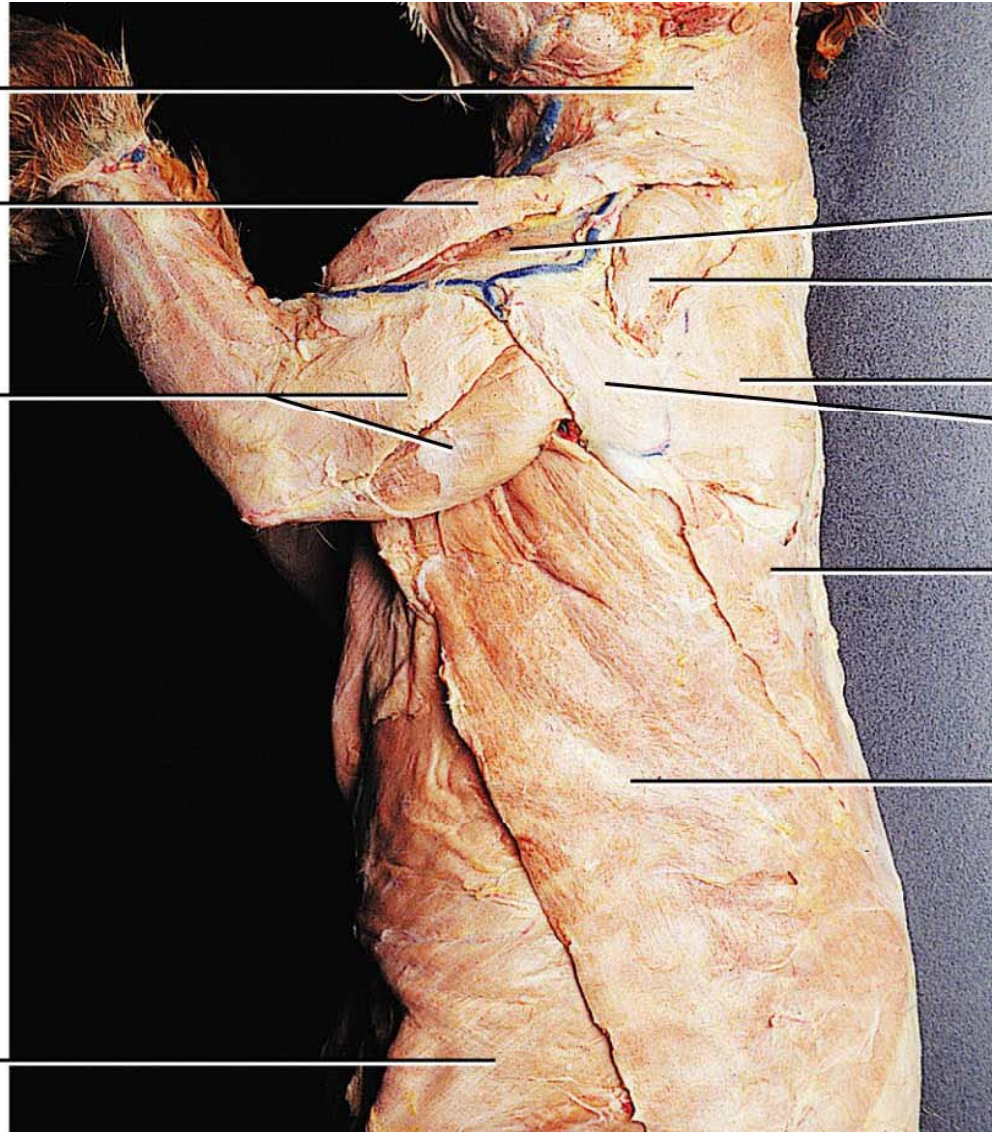


Clavotrapezius

Clavobrachialis

Triceps brachii

External oblique



Acromiodeltoid

Levator scapulae
ventralis

Acromiotrapezius

Spinodeltoid

Spinothrapezius

Latissimus dorsi

Masseter

Splenius

Acromiotrapezius

Levator scapulae
ventralis

Acromiodeltoid

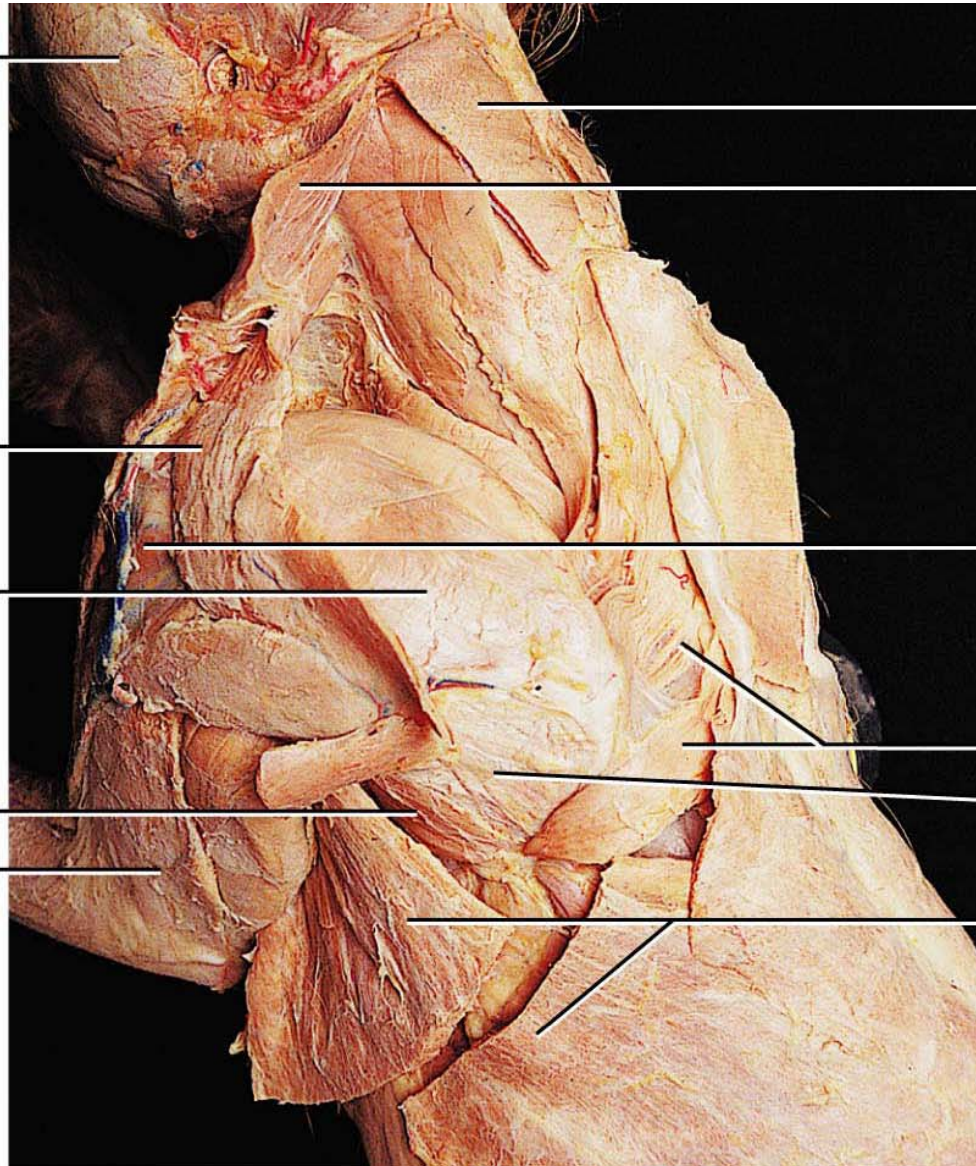
Supraspinatus

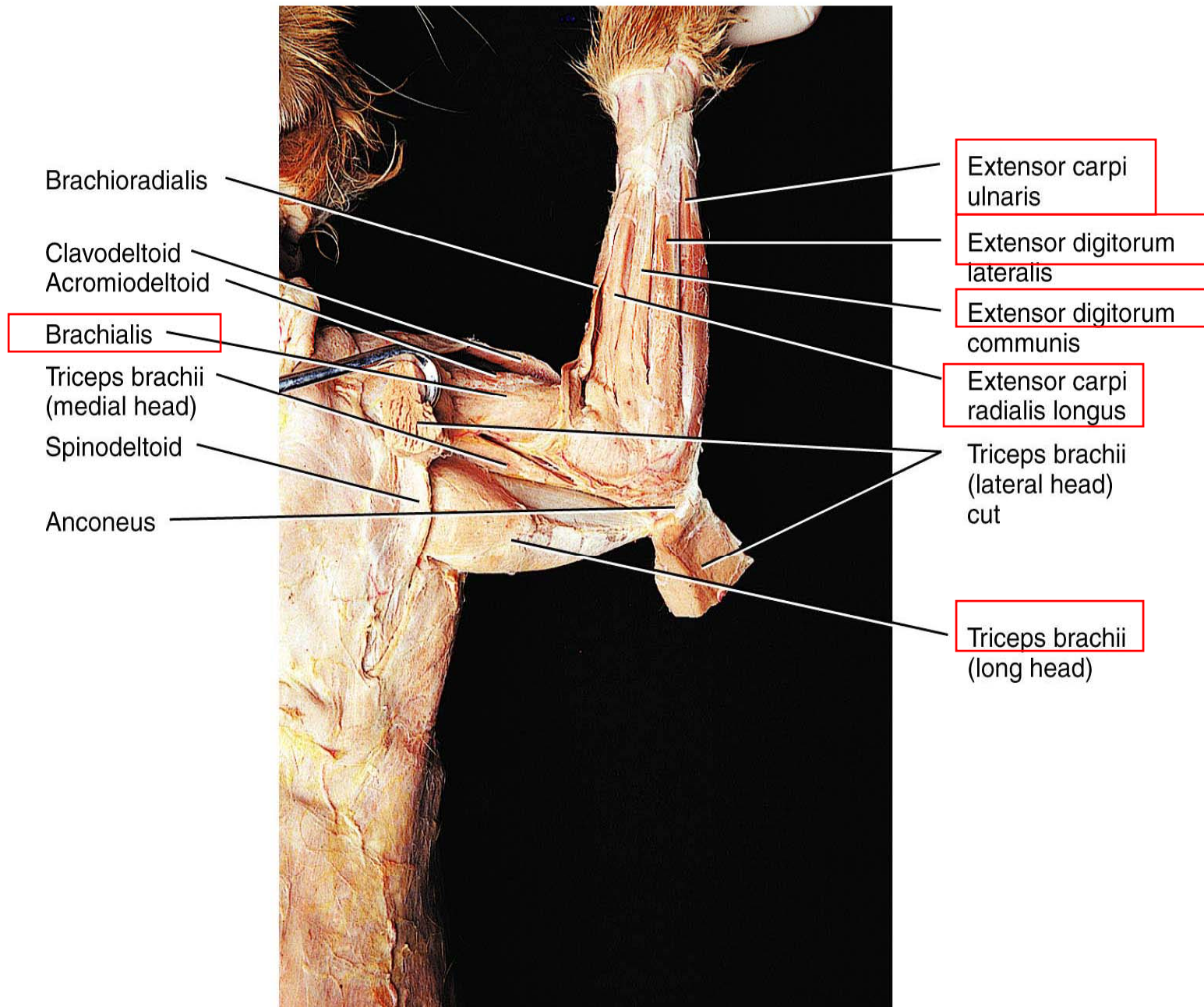
Rhomboid
Infraspinatus

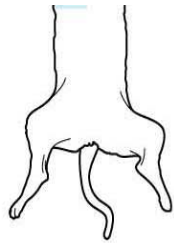
Teres major

Triceps brachii

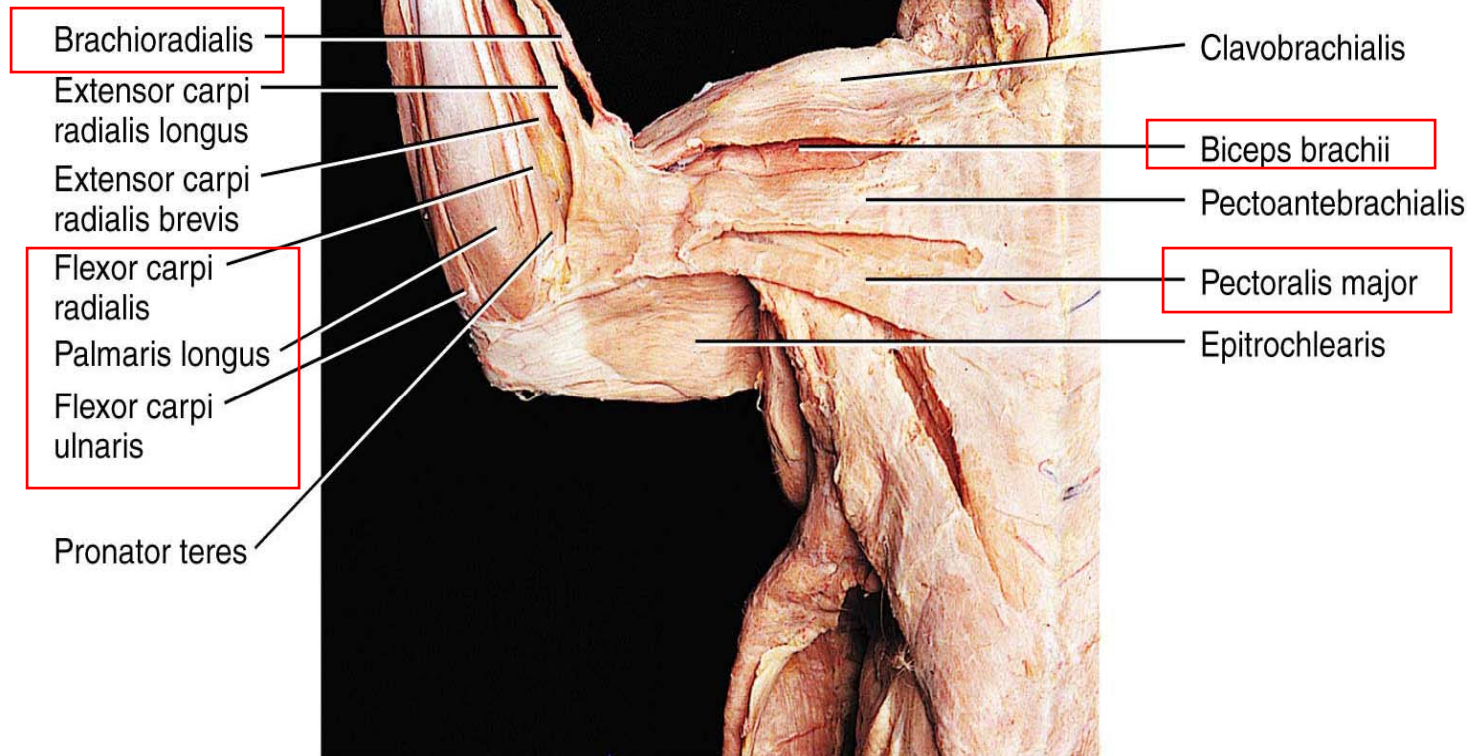
Latissimus dorsi







Ventral



Brachioradialis

Extensor carpi
radialis longus

Extensor carpi
radialis brevis

Flexor carpi
radialis

Palmaris longus

Flexor carpi
ulnaris

Pronator teres

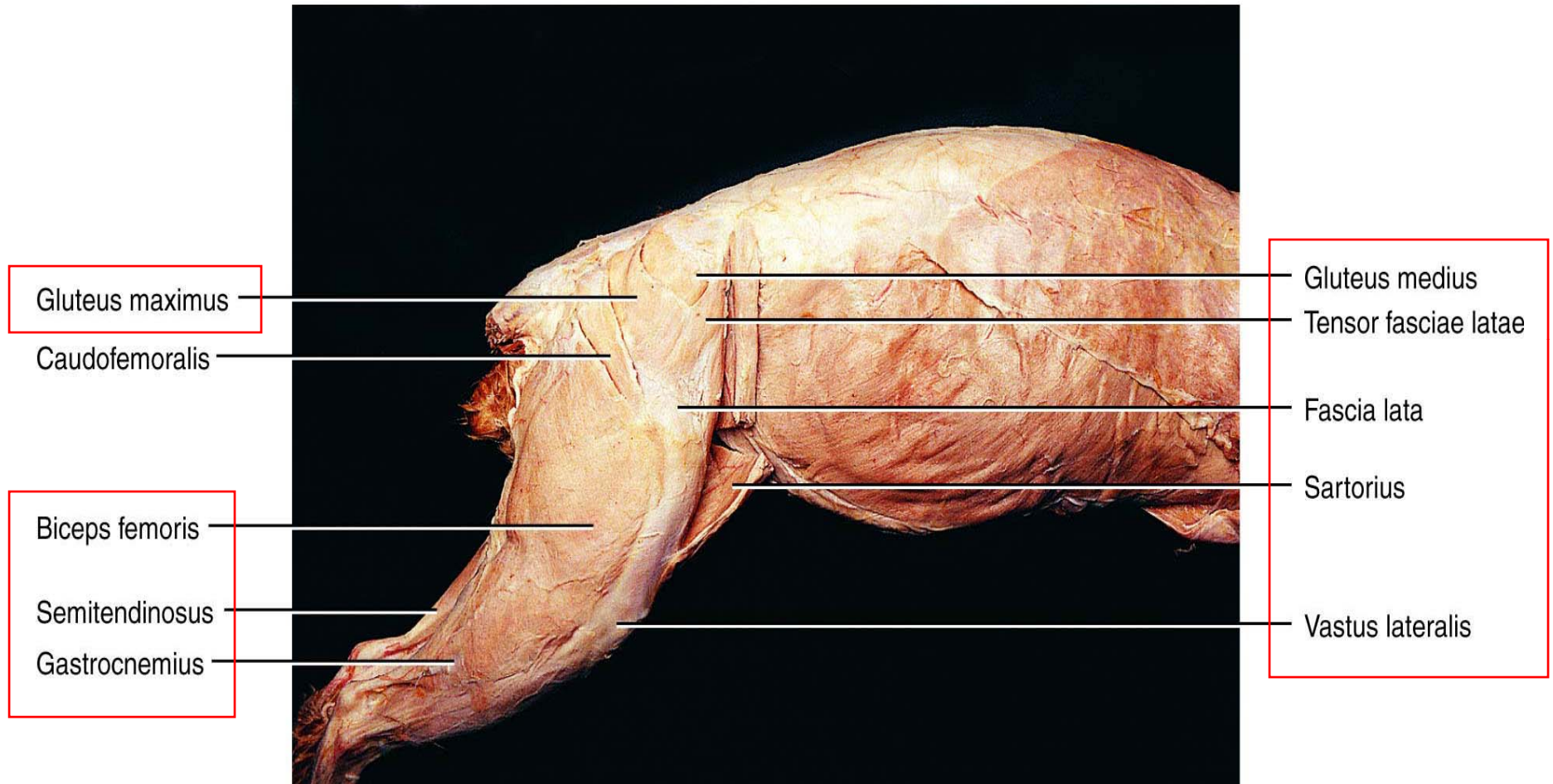
Clavobrachialis

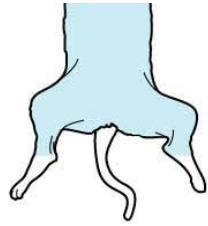
Biceps brachii

Pectoantebrachialis

Pectoralis major

Epitrochlearis





Ventral

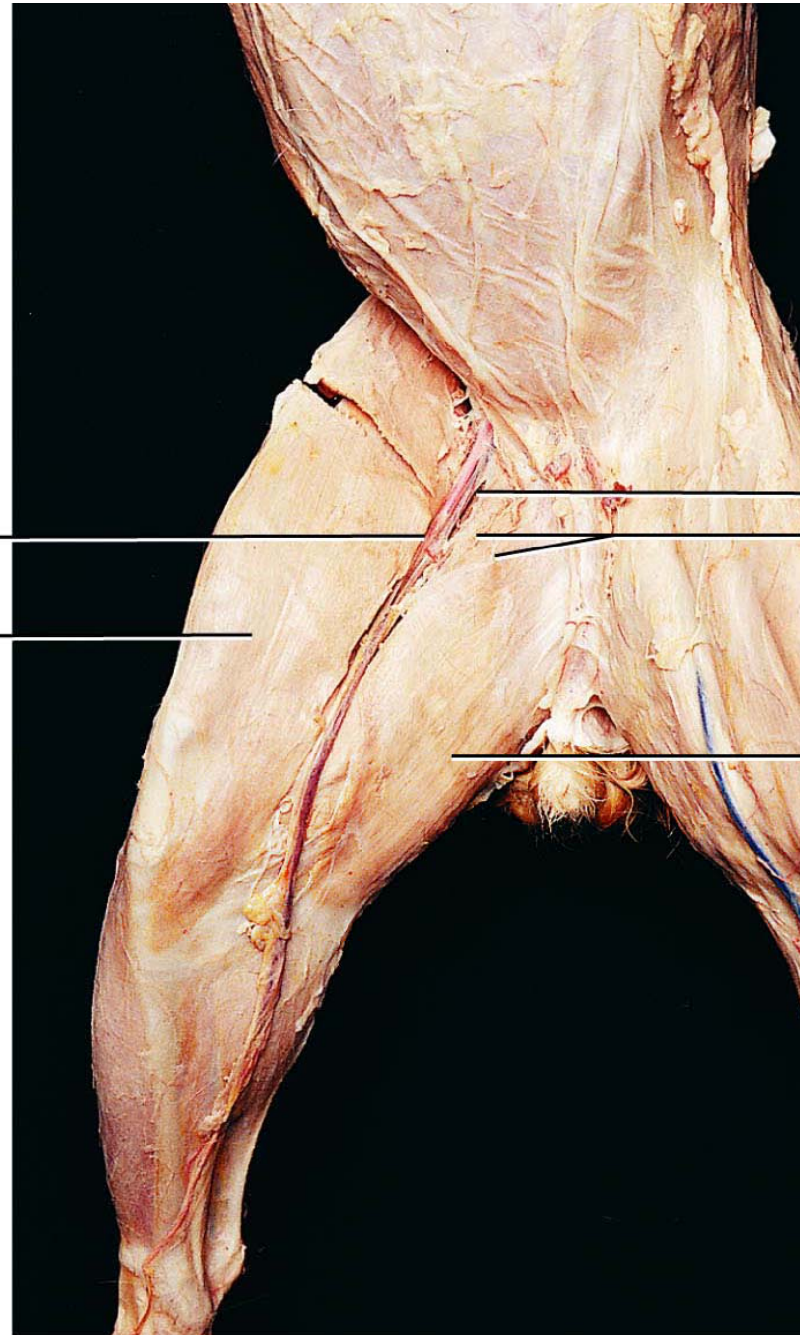
Femoral artery

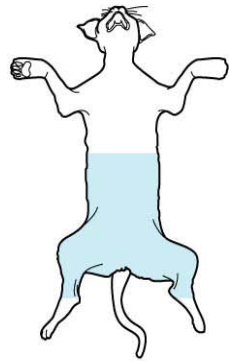
Sartorius

Femoral vein

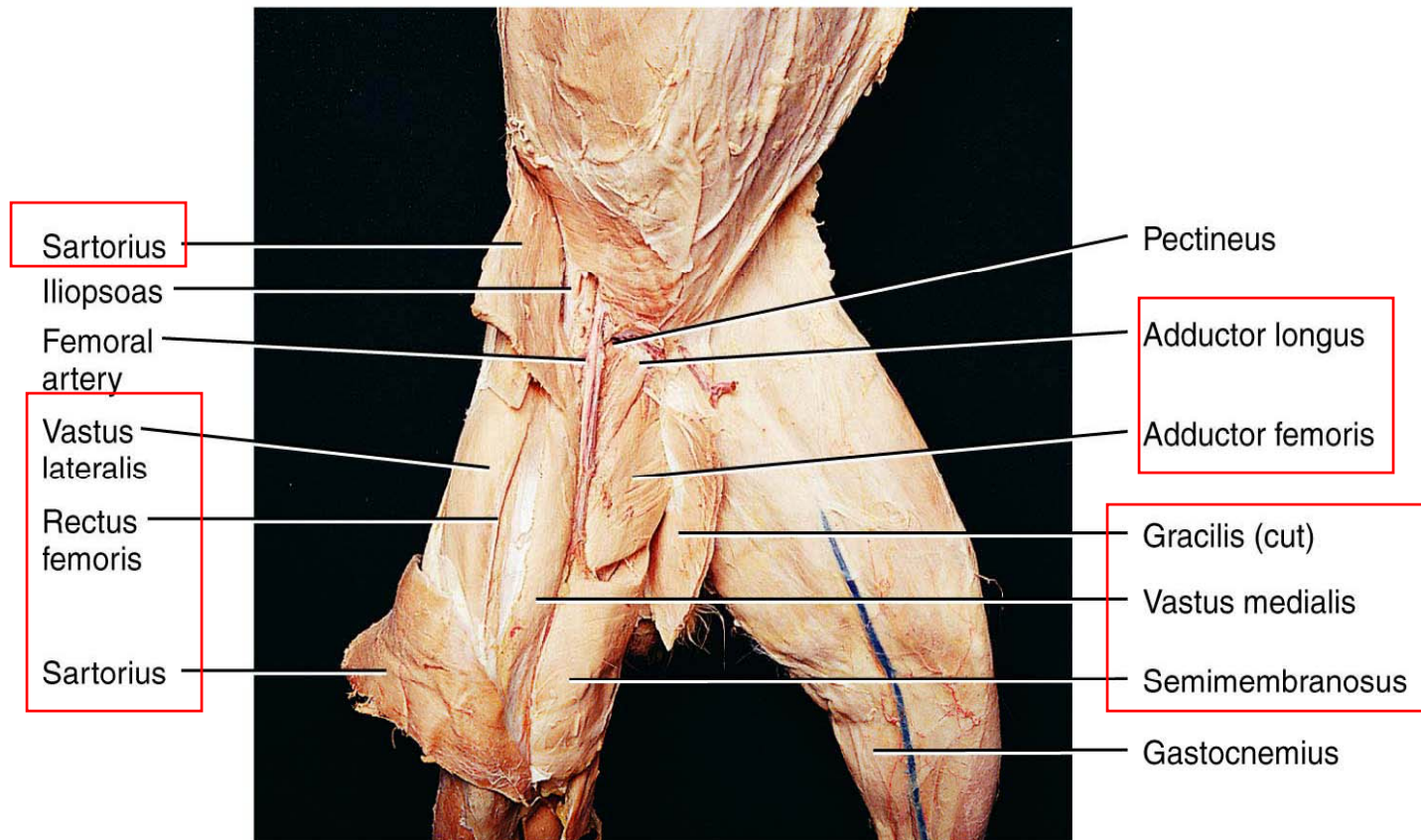
Adductors

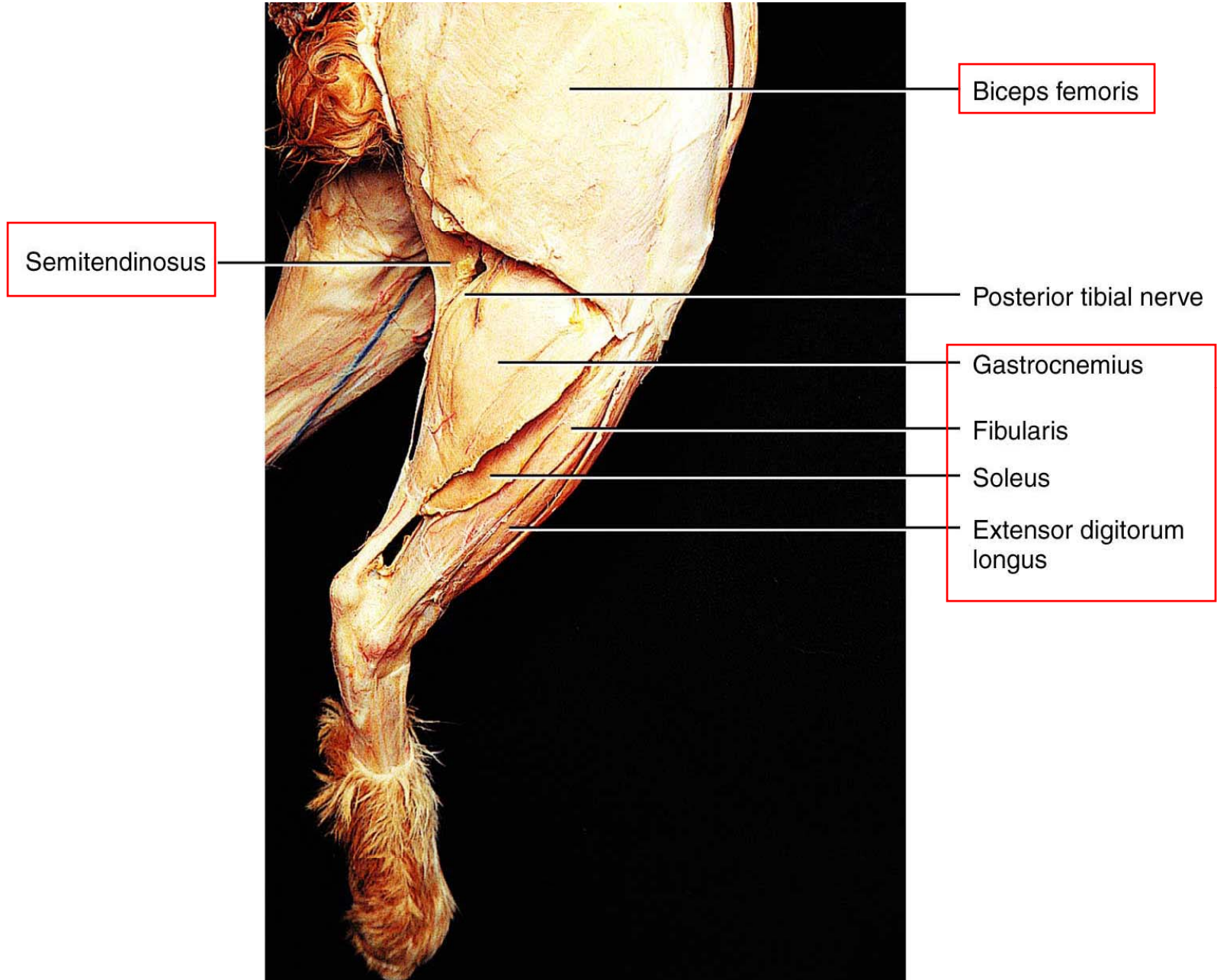
Gracilis

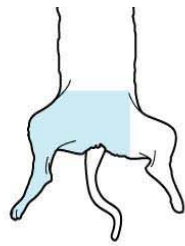




Ventral







Ventral

Tibialis anterior

Tibia

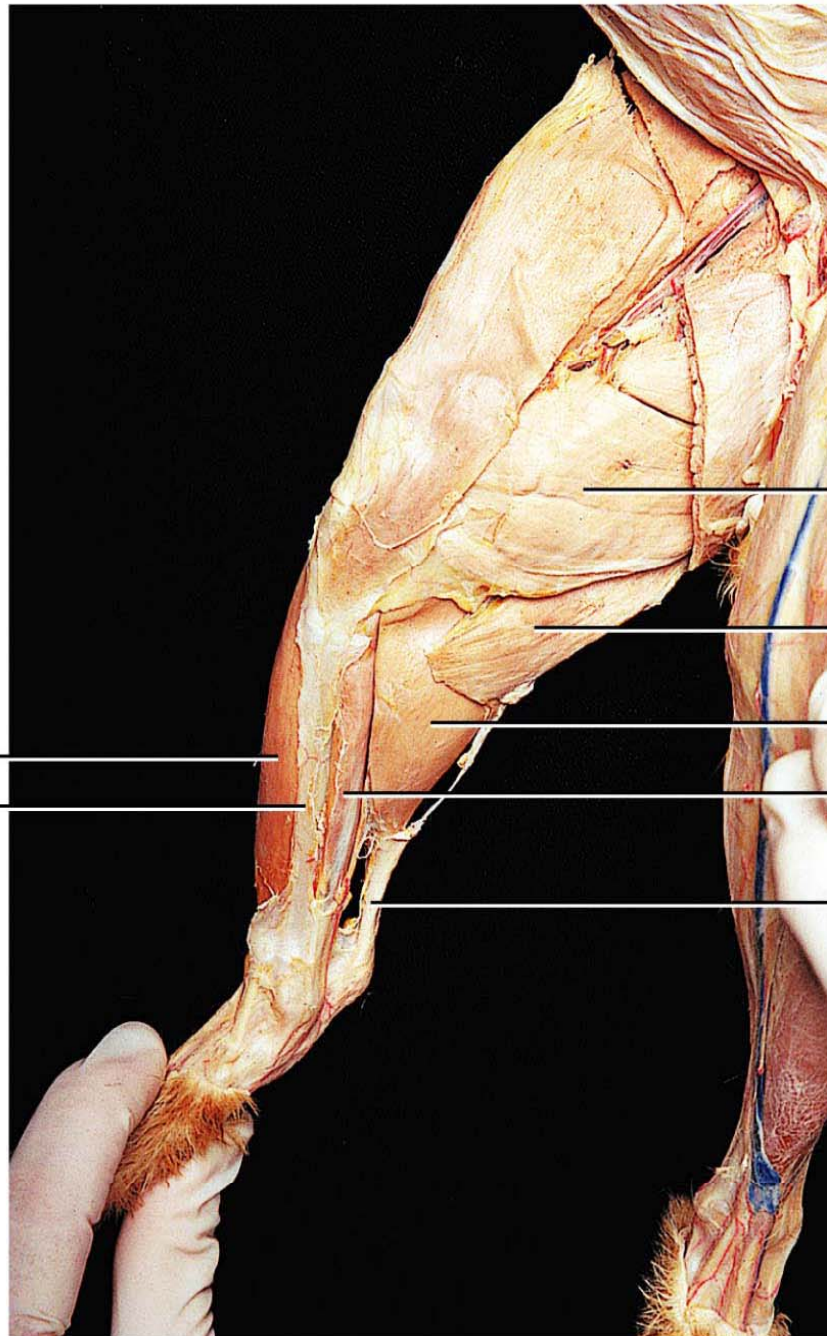
Semimembranosus

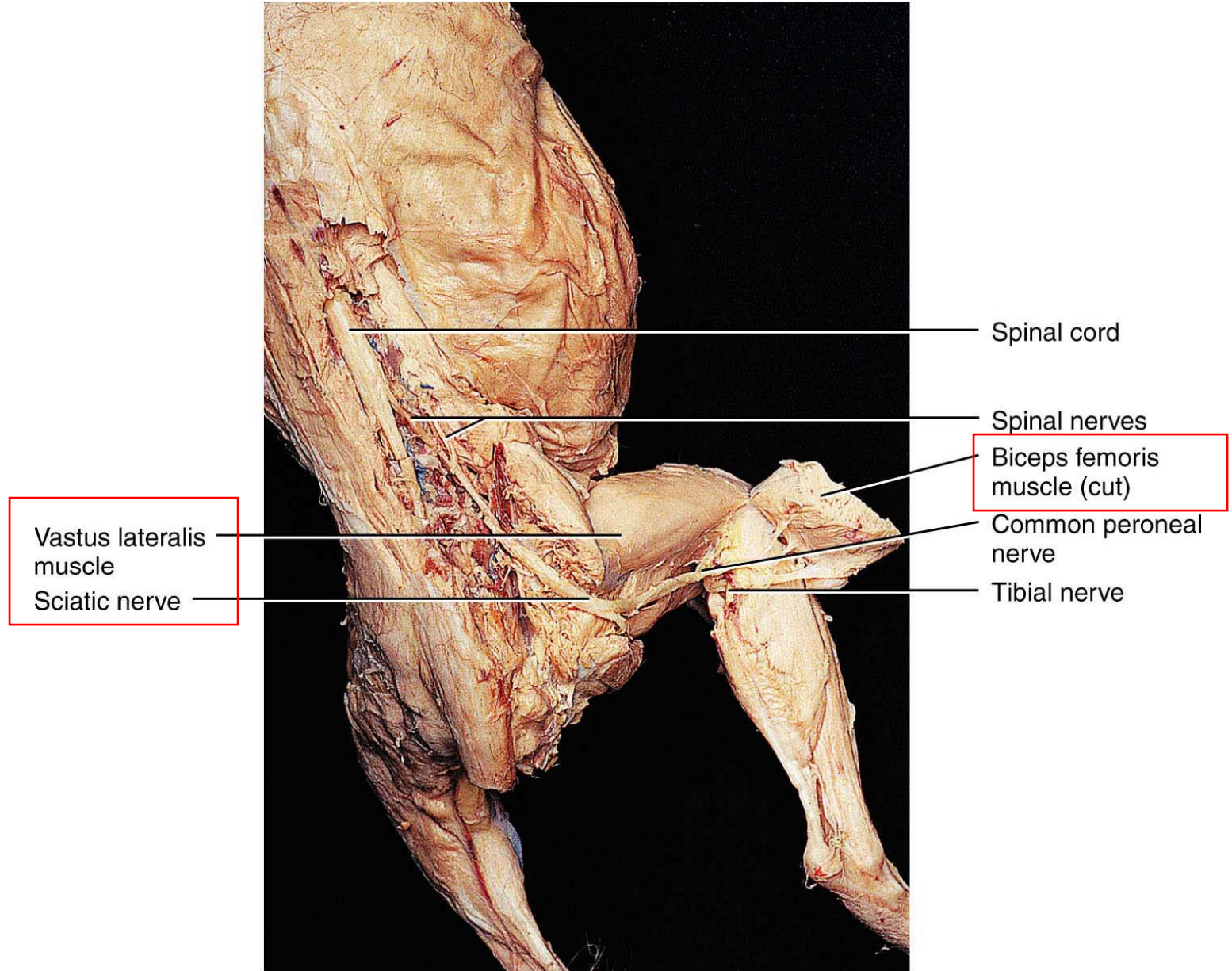
Semitendinosus

Gastrocnemius

Flexor digitorum

Achilles tendon





Dorsal view