

HUMAN ARTERIES AND VEINS

[Replaces RBI-205 Lab Manual Chapters 2 & 3]

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- References
 1. Model keys to numbers - handouts.
 2. Wall charts.
 3. Visual Dictionary.
 4. Textbook.

 - Materials
 1. Mini torso model.
 2. Human body model - small; muscle; dissectible.
 3. Human torso models - life size; two types.
 3. Total blood circulation model - flat "plaque":
 - a. Green base [only one].
 - b. White base.
 5. Pelvis model.
 6. Thorax model.
 7. Liver model - [only two].

 - Objectives Identify all of the blood vessels listed below.
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I. ARTERIES

A. Pulmonary Trunk and its Branches

B. Aortic Arch

1. Brachiocephalic trunk

a. Right common carotid

- b. Right subclavian
- 2. Left common carotid
 - a. External carotid
 - b. Internal carotid
- 3. Left subclavian
 - a. Axillary
 - b. Brachial
 - 1). Radial
 - 2). Ulnar
- C. Thoracic (Descending) Aorta
 - Intercostals
- D. Abdominal Aorta
 - 1. Coeliac
 - a. Hepatic
 - b. Gastric
 - c. Splenic
 - 2. Superior mesenteric (peritoneal)
 - 3. Renals
 - 4. Gonadals
 - a. Ovarians -- female
 - b. Testiculars (Spermatids) -- male
 - 5. Inferior mesenteric (peritoneal)
 - 6. Sacral (Caudal)

7. Common iliacs
 - a. Internal iliacs
 - b. External iliacs
 - 1). Pubic
 - 2). Inferior gluteal
 - 3). Femoral
 - a). Deep femoral
 - b). Popliteal
 - c). Anterior tibial

II. VEINS

- A. Pulmonaries
- B. Superior Vena Cava
 1. Azygos
 2. Brachiocephalics
 - a. Thyroid
 - b. Internal jugulars
 - c. External jugulars
 - d. Subclavians
 - 1). Cephalic
 - 2). Brachial

3). Basilic

C. Inferior Vena Cava

1. Hepatics
2. Renals
3. Gonadals
 - a. Ovarians
 - b. Testiculars (Spermaties)
4. Common Iliacs
 - a. Internal Iliacs
 - b. External Iliacs
 - 1). Femorals
 - 2). Great Saphenous
 - 3). Popliteal

D. Portal

1. Superior mesenteric (peritoneal)
2. Splenic (lienic)