

General A & P

STUDY GUIDE FOR LAB PRACTICALS

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<p><u>Chapter 21 Blood Vessels:</u></p> <p>A. In general, know all of these diagrams: 21.1, 21.3, 21.4, 21.5, 21.7, 21.8, 21.9, 21.10</p> <p>B. GENERAL TERMS: 1. ARTERIES ON IMAGES & MODELS:</p> <p>Abdominal (descending) aorta Aortic arch Anterior tibial a. Ascending aorta Axillary a. Brachial a. Brachiocephalic (innominate) a. Common iliac a. Common carotid a. Common hepatic a. Celiac trunk. Descending aorta Dorsalis pedis a. External carotid a. External iliac a. Femoral a. Gonadal: spermatic or ovarian a. Inferior mesenteric a. Internal carotid a. Internal iliac a. Left common carotid a. Left gastric a. Left subclavian a. Pulmonary trunk Popliteal a. Posterior tibial a. Radial a. Renal a. Right subclavian a. Right common carotid a. Splenic a. Superior mesenteric a. Thoracic (descending) aorta Ulna a.</p> <p>2. VEINS ON WALL CHARTS & MODELS:</p> <p>Anterior tibial v. Axillary v. Azygos v. Basilic v. Brachial v.</p>	<p>Brachiocephalic (innominate) v. Cephalic v. Common iliac v. External iliac v. External jugular v. Femoral v. Great saphenous v. Hepatic v. Hepatic portal v. Inferior vena cava Internal iliac v. Internal jugular v. Jugulars Renal v. Gonadal: spermatic or ovarian v. Popliteal v. Posterior tibial v. Radial v. Subclavian v. Superior vena cava Superior mesenteric v. Ulnar v.</p> <p>C. ARM MODEL:</p> <p>axillary a. & v. brachial a. & v. radial a. subclavian v. ulnar a.</p> <p>D. LEG MODEL:</p> <p>anterior tibial a. external iliac a. & v. femoral a. & v. great saphenous v. interior iliac a. posterior tibial a.</p> <p>C. Also know:</p> <p>-Know the 3 layers, including from the slides</p> <p>-On cat, know the arteries & veins shown on the handout</p>
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Guide for Blood Vessel Labs

This is a guide for what the student should learn off of the various models, dissections, etc. This is a guide only; it is not an exclusive list.

Models/Charts found in Regular Lab & Learning Lab

Heart Model:

Any vessel you can see.

Circulatory Flat Mount Model:

Any vessel you can see.

Arm & Leg Models: Know everything off the images in lab & Lecture book.

Urogenital Models & Kidney Models: any vessels you can see!

Torso Model:

Be able to ID it. Any associated structure or other term (, etc.) you can see.

Depending on which torso you look at, you may not be able to see all of these:

Arteries:

abdominal (descending) aorta
aortic arch
ascending aorta
brachiocephalic (innominate) a.
common carotid a.
common iliac a.
celiac a. or celiac trunk
descending aorta
external carotid a.
external iliac a.
hepatic artery
inferior mesenteric a.
innominate (brachiocephalic) a.
left common carotid a.
left subclavian a.
pulmonary trunk

renal a.

right subclavian a. right common carotid a.
superior mesenteric a.
thoracic (descending) aorta

Veins:

brachiocephalic (innominate) v.
common iliac v.
external jugular v.
hepatic veins
inferior vena cava
internal iliac v.
internal jugular v.
renal v.
subclavian v.
superior vena ca

Laminated Circulatory Chart:

Know everything off the images in lab book.

Sagittal hip model:

Find these vessels: common iliac a., external & internal iliac, inferior vena cava, abdominal aorta, gonadals

Arm & leg model:

Arm: can only see arteries: Subclavian a., axillary a., brachial a., radial a., ulnar a., median a.

Leg: Common iliac a., external iliac a. internal iliac a., femoral a., popliteal a., posterior & anterior tibial a., external iliac v., femoral v., popliteal v., a short piece of the great saphenous v.

Handout:

Wall Chart of blood flow:

see "heart lab"

Wall Chart of vessels:

Know everything off the images in lab book.

Dissections:

Get your cats! See handout for details.

Slides: (demo slides will not be available in learning lab)

Demo Scope: Artery & Vein