I. Study Time for Quiz
II. Quiz 3
III. Paper Draft Update. What is a draft?
   Kelsey & Hannah are commenting on drafts for Presentation Group I (in 2 weeks!). So OK for others to delay e-mailing draft of paper (.doc/x) to Kelsey kshult7@oregon.edu (10 am + A-L 2 pm) or Hannah hsoukup@uoregon.edu (12 n + M-Z 2 pm)
IV. Heart Models Study & test each other (see p 6-2)
V. Heart Dissections! More fun!! 😊
Study & then test each other on the structures listed on p. 6-2 in your Lab-Lecture Manual!

Careful w/pointers, fingernails & jewelry, as models are hand-painted & expensive!
After reinserting the paper and closing your model, bring it up to the front desk prior to dissection.

Take a look at the instructor’s model to get an ~ idea of where 4 major incisions will be made!
1. Identify the pericardial sac and the heart in situ.
2. Make an incision through the parietal pericardium to observe the heart within the pericardial sac.

Best to put on traction!
3. Remove the heart from the pericardial sac.

Best to use scissors to separate from great vessels from the back or posterior!
See how many of the 20 structures in the model listed on p. 6-2 you can ID on the specimen!

4. Study the external surface of the heart.
5. Identify coronary arteries and cardiac veins.
Can you find any openings or valves? May be tough due to compression!

6. Dissect the right atrium of the heart.
Requires deep cuts through thick heart muscle!

7. Dissect the right ventricle of the heart.
Requires deep cuts, again! Note the thick L ventricle wall!

8. Dissect the left atrium and left ventricle of the heart.
1st use pins to fix your specimen in the tray, then apply gentle traction & cut the pericardial sac.
Expose the heart!
Initial atrial incision
Thick walls!
Papillary muscles and chordae tendineae!

Huge wall thickness!
Transect Great Vessels

Review of 4 basic incisions!
Additional Resource Slides
Pericardial Sac In Situ

Pericardial Sac Incision
Surface Anatomy Anterior

- Superior vena cava
- Ascending aorta
- Left atrium
- Left coronary artery
- Circumflex artery
- Left (obtuse) marginal artery
- Anterior interventricular artery
- Right coronary artery
- Right atrium
- Inferior vena cava
- Right (acute) marginal artery
- Posterior interventricular artery
Right Atrium Incision
Right Atrium Internal

- Site of the sinuatrial (SA) node
- Right auricle
- Fossa ovalis
- Interatrial septum
- Tricuspid valve
- Crista terminalis
- Pectinate muscles
- Inferior vena cava
- Coronary sinus opening
- Site of the atrioventricular (AV) node

Superior vena cava
Left Ventricle Incision

- Aorta
- Left coronary artery
- Circumflex branch
- Great cardiac vein
- Pulmonary trunk
- Anterior interventricular artery