Ex. 41 Structure of the Heart
Fibrous pericardium (outermost)
Parietal pericardium

(inside lining of outer covering)
Percardial cavity (space between)
Epicardium (visceral pericardium)
Myocardium (cardiac muscle)
Intercalated disc*
Musculi pectinate
Papillary muscle

muscle @ base of chordae tendineae
Chordae tendineae

"heart strings"
Trabeculae carneae (folds of muscle in ventricle)
Moderator band

Dissection by: Lisa Scott and Christina Deluna
Endocardium (inner lining of heart)
Ligamentum arteriosum
Right Atrium
Right auricle
Superior vena cava
Inferior vena cava
Coronary sinus
Interatrial septum
Tricuspid valve
Rt. ventricle
Interventricular septum
Pulmonary (semilunar) valve
Pulmonary trunk
Pulmonary arteries (L & R)
Left atrium
Left auricle
Pulmonary veins (R & L) – posterior view
Mitral (bicuspid) valve
Left ventricle
Aortic valve (above bicuspid valve medial cusp)
Aorta
Systemic Circulation
Cardiac circulation
Left coronary artery (only seen if auricle is open)
Anterior interventricular artery
Right coronary artery
Marginal artery
Posterior interventricular artery
Great cardiac vein
Middle cardiac vein
Next Ex. 44 Blood Vessels