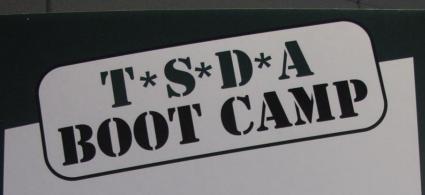
T*S*D*A BOOT CAMP

September 11-14, 2014 Chapel Hill, NC









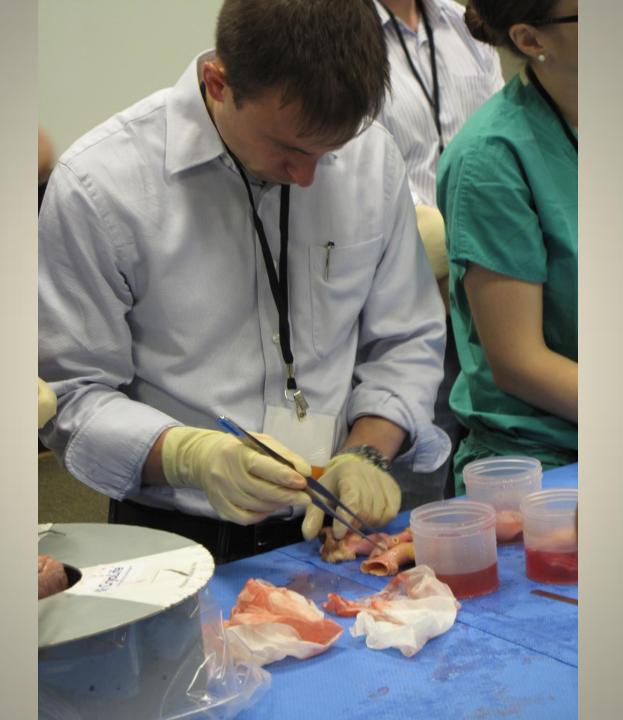
AORTIC ROOT ANATOMY

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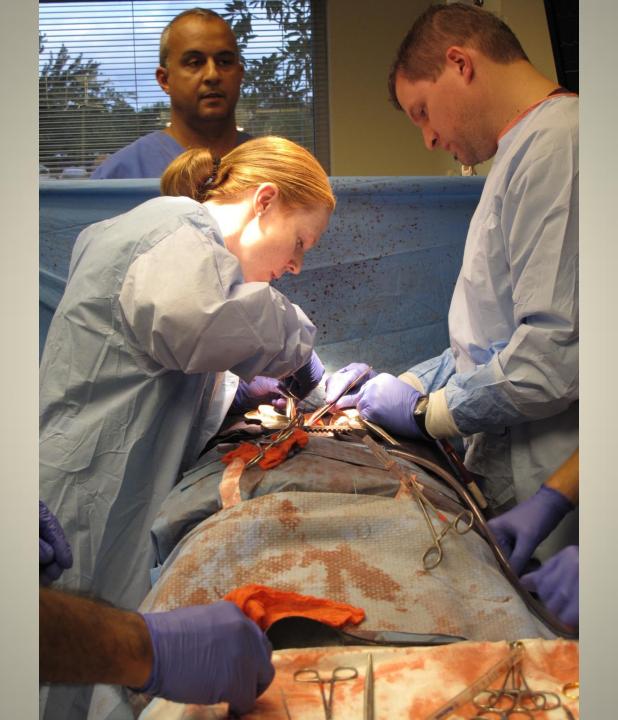




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CPB SKILLS







CPB Steps

Step 1. Heparin

Step 2.

Expose the heart; Check BP/aorta

CPB Steps

Step 3.

Aortic cannulation; Check cannula for pressure and flow

Step 4.

Atrial cannulation; Venous clamp off; On bypass; Lungs off

CPB Steps

Step 5.

Inspect the heart;

Place aortic and/or retrograde cardioplegia; Reduce pump flow/cross-clamp aorta/ Return to normal flow/check line pressure; Begin cardioplegia;

Set patient temperature

CPB Steps

Step 6.

Release aortic cross-clamp after warm cardioplegia; Be certain six conditions reviewed before weaning CPB: Lungs inflating and deflating; Good contractility; Stable heart rhythm; No bleeding in inaccessible areas; Temperature at desired level; No retained air

CPB Steps

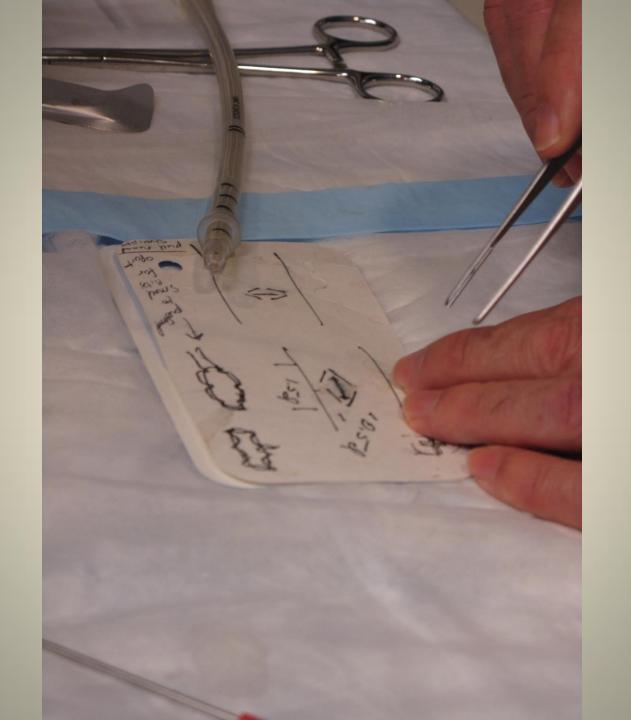
Step 7.

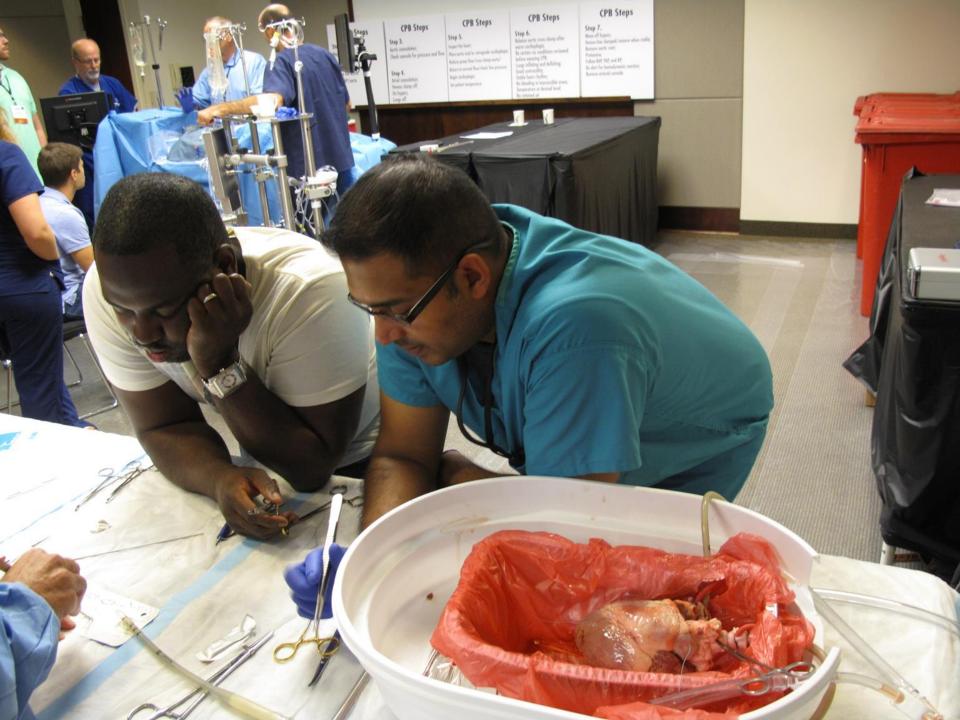
Wean off bypass;
Venous line clamped/remove when stable;
Remove aortic vent;
Protamine;
Follow RAP, PAP, and BP;
Be alert for hemodynamic reaction;
Remove arterial cannula

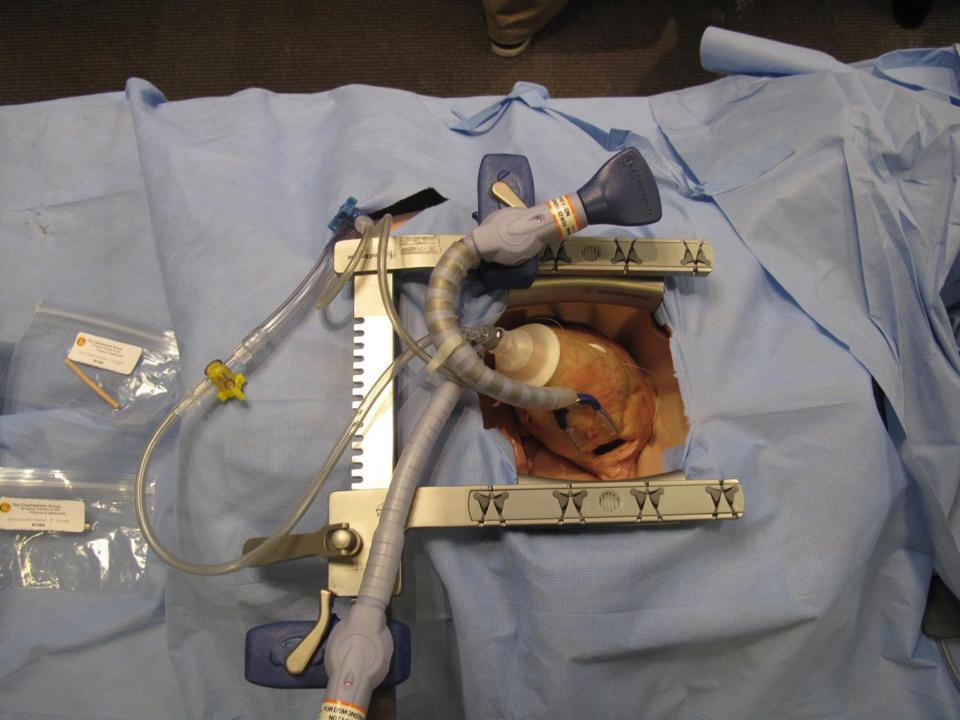




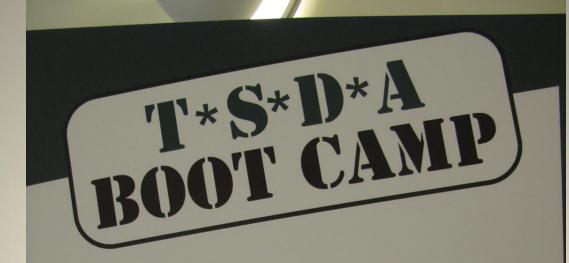










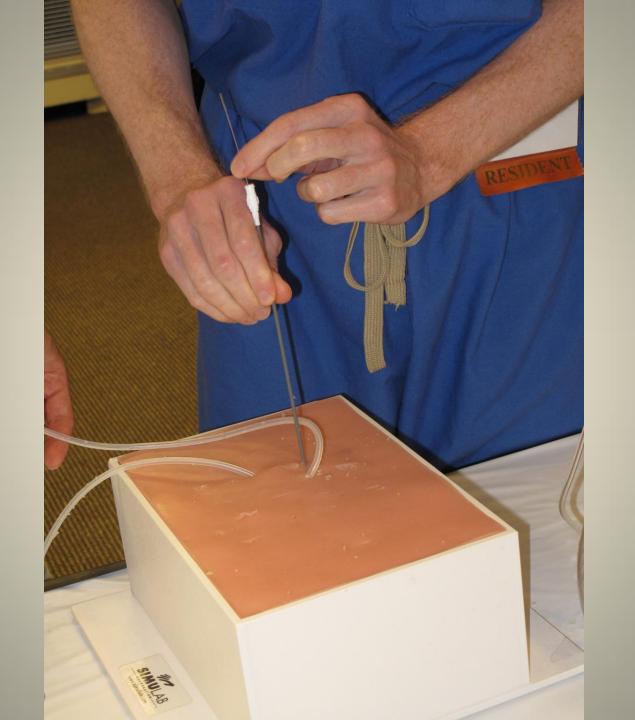


BRONCHOSCOPY/ MEDIASTINOSCOPY



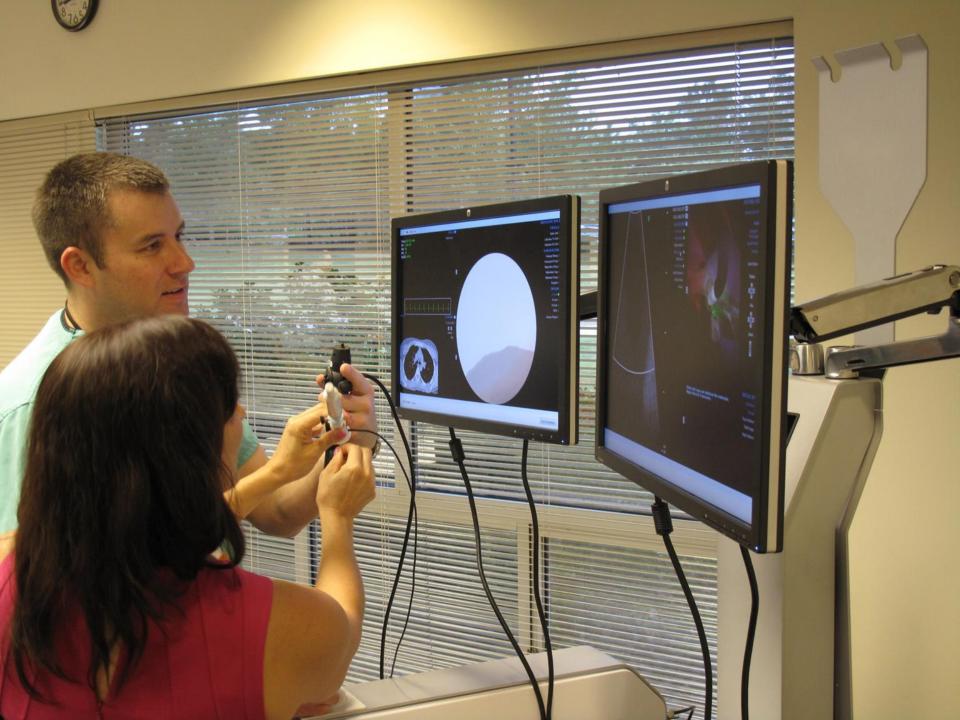


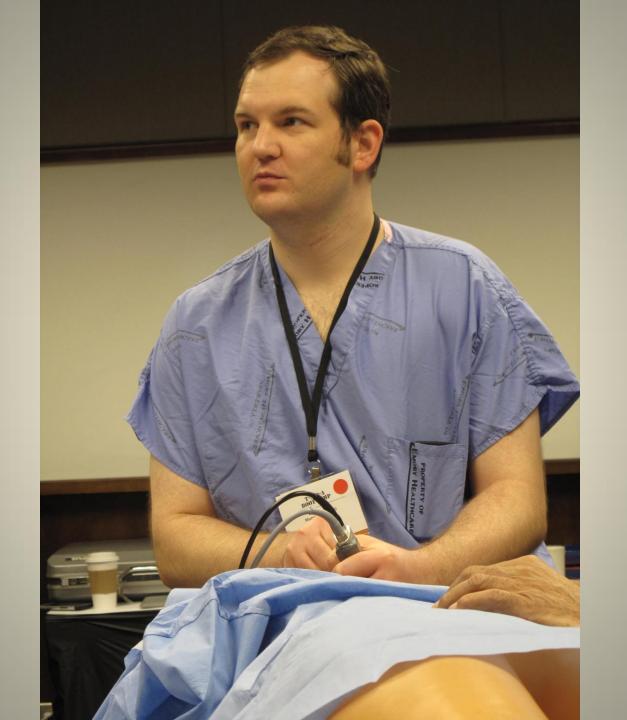


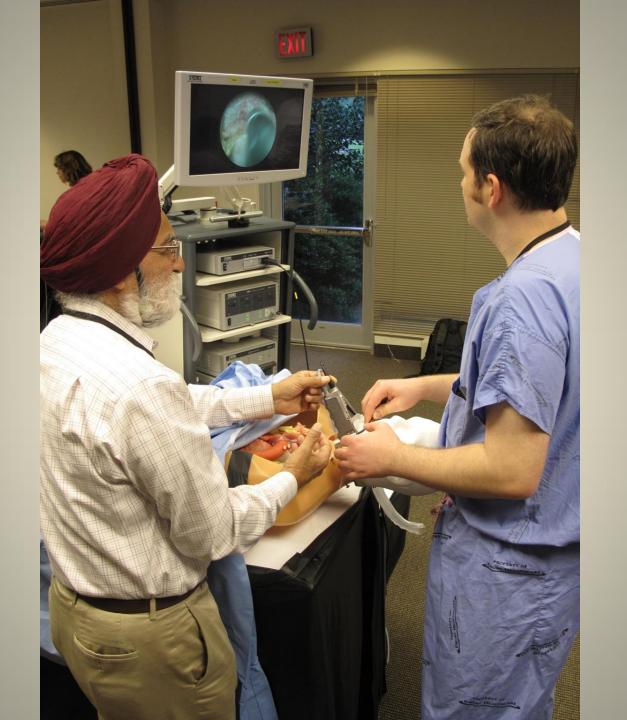




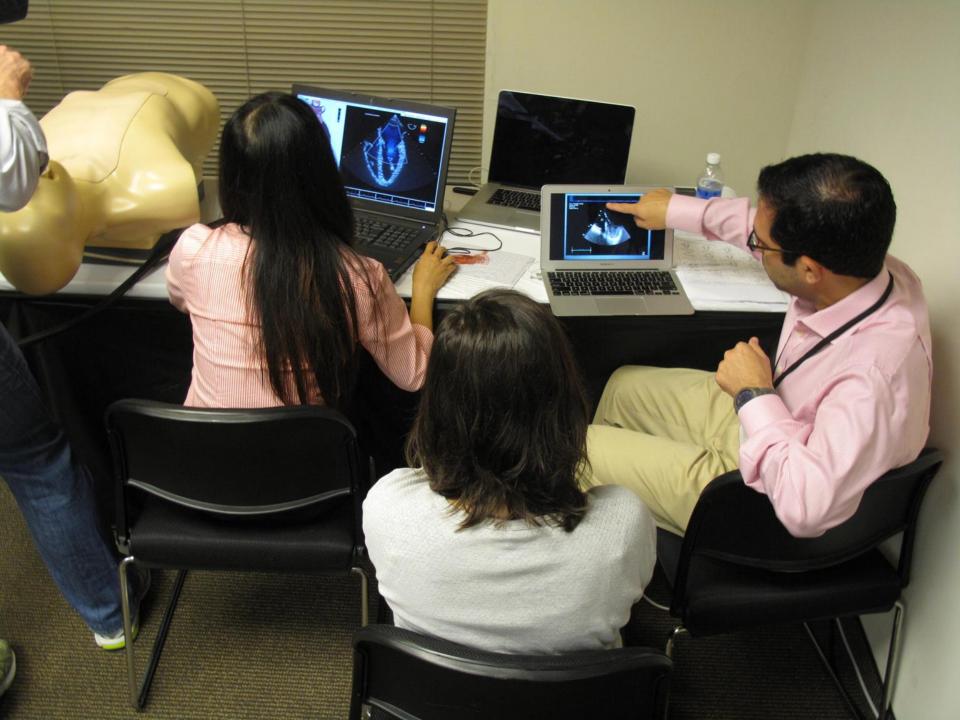








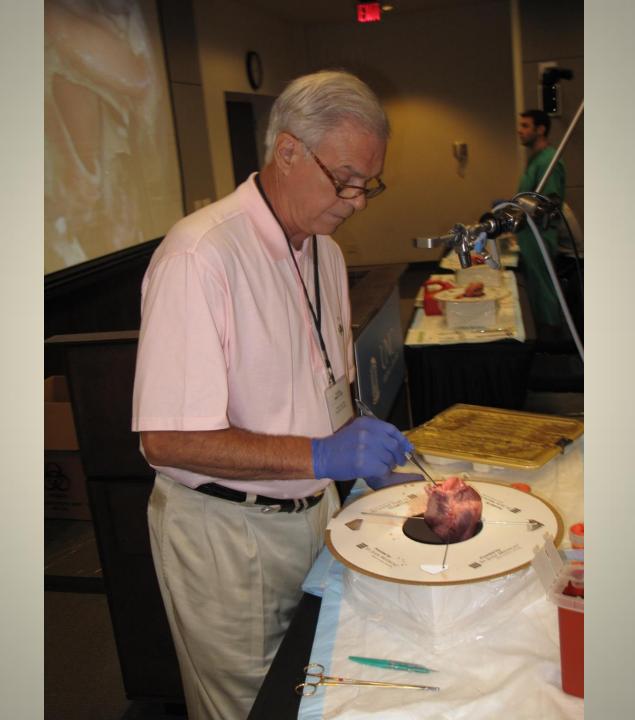






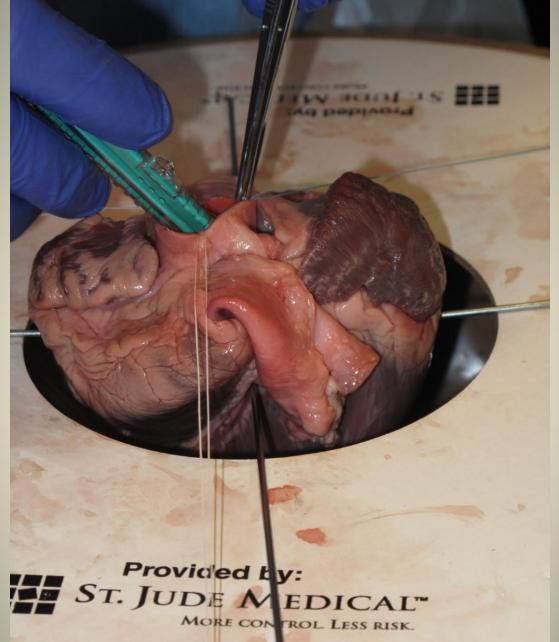
Orientation to AORTIC VALVE SURGERY

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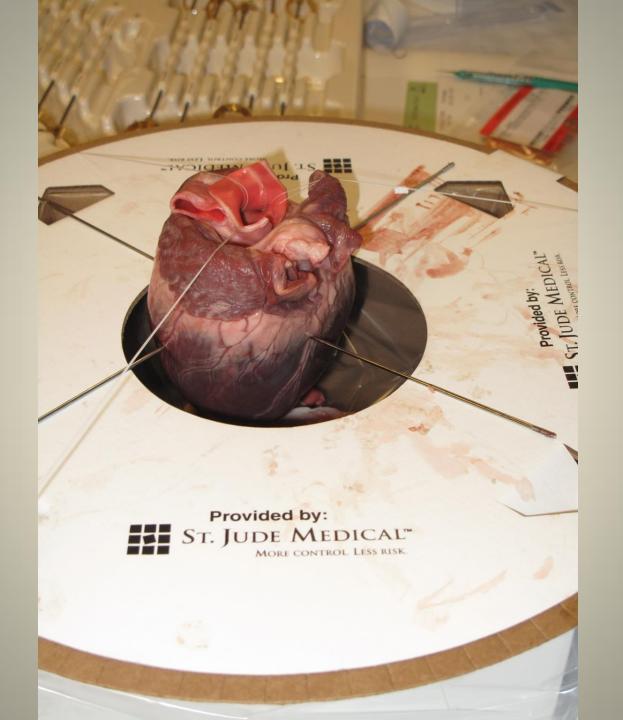






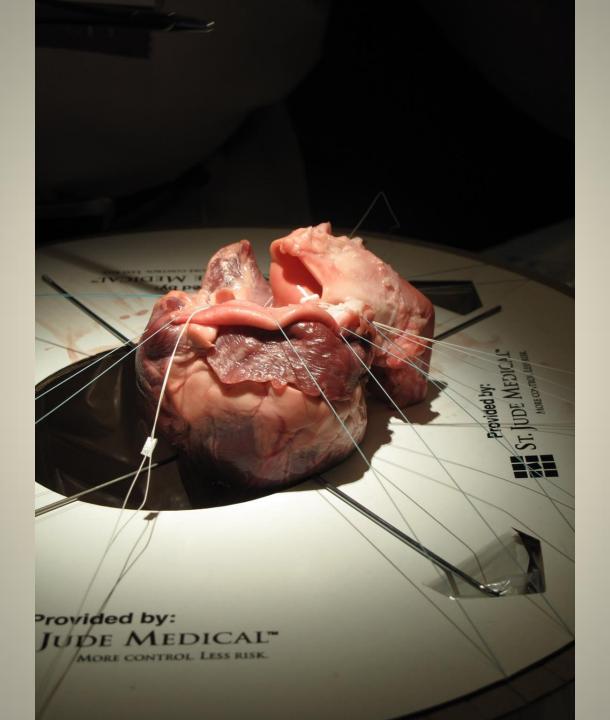


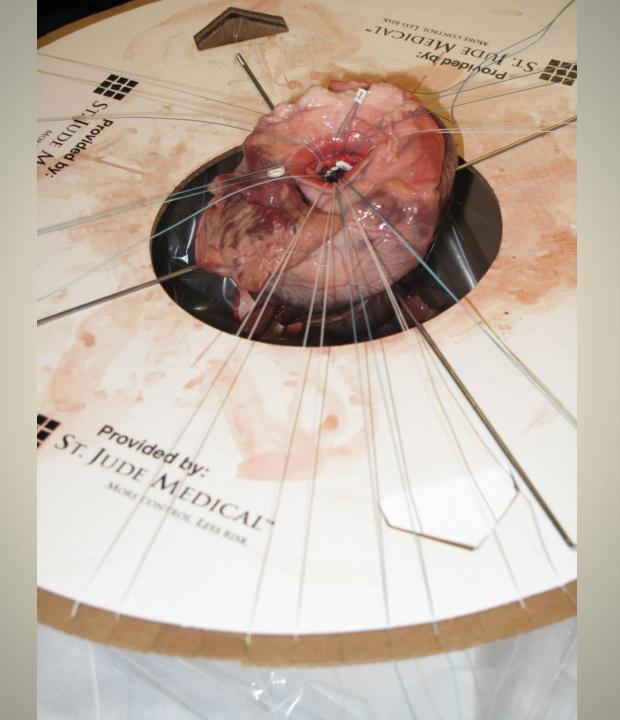


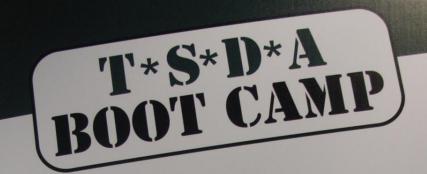












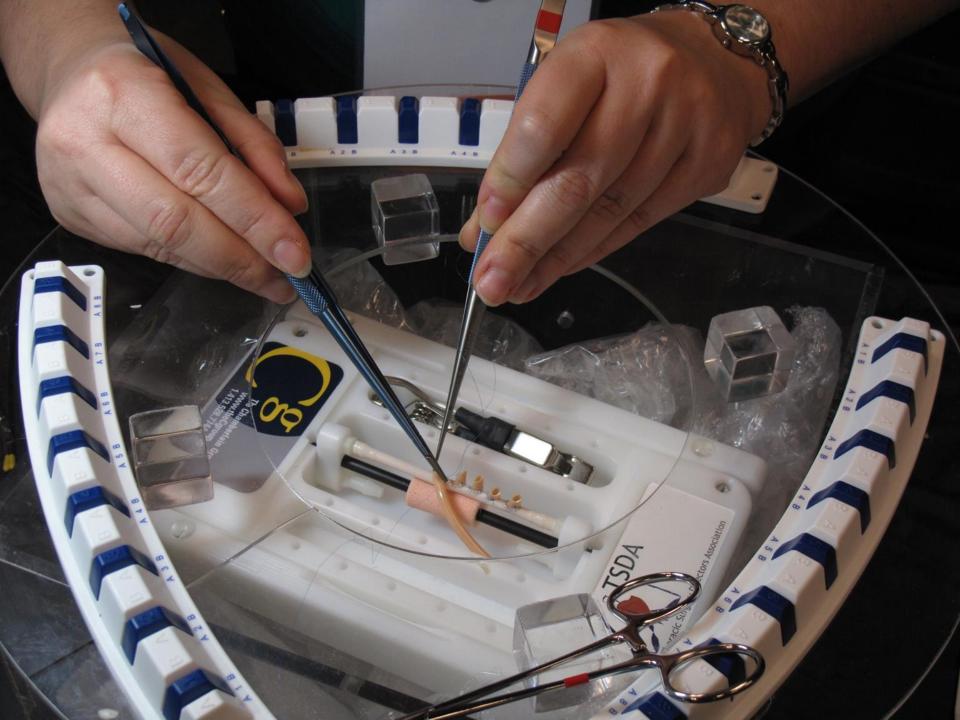
VESSEL ANASTOMOSIS

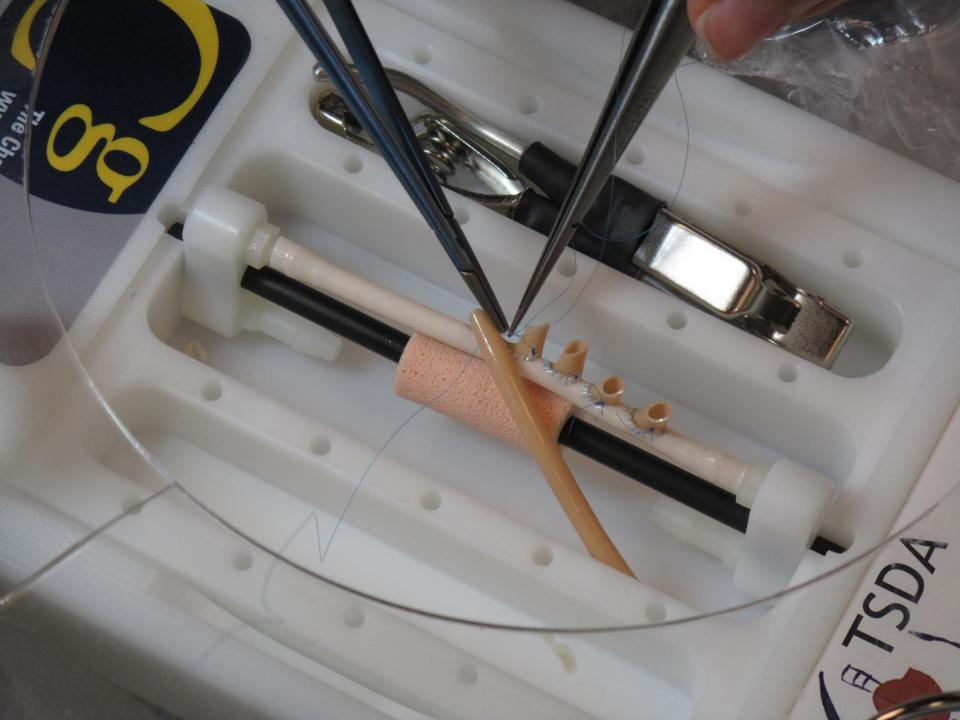






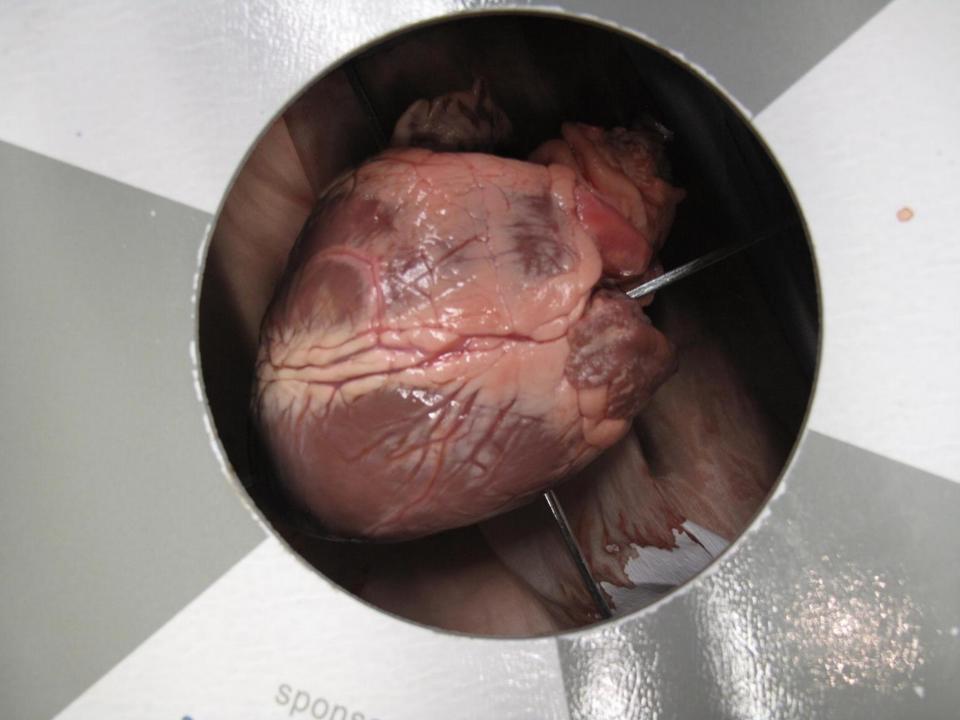




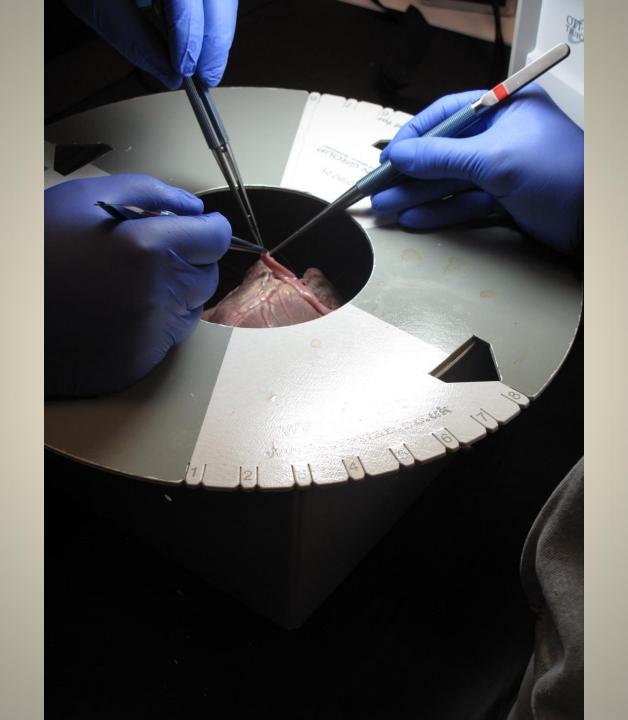






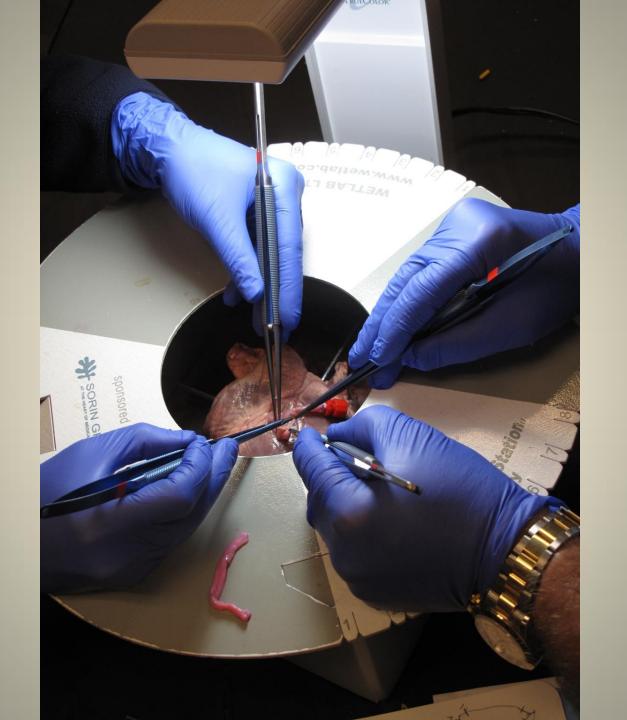


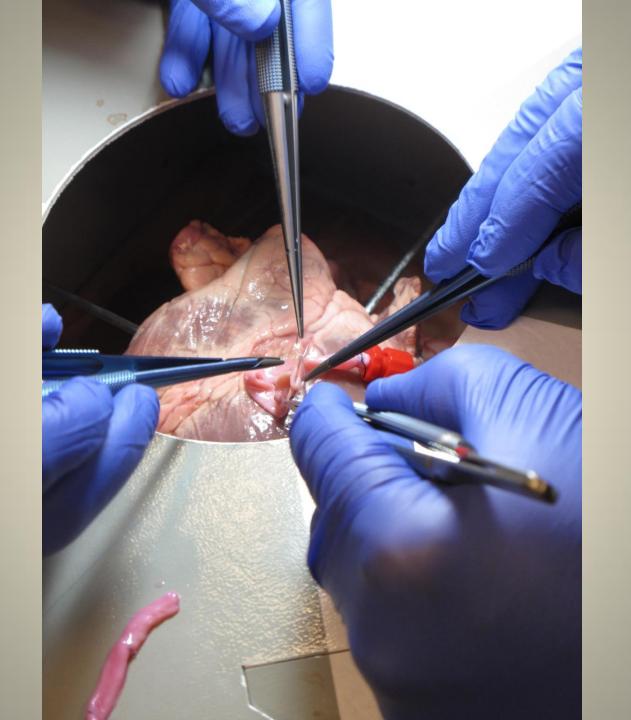












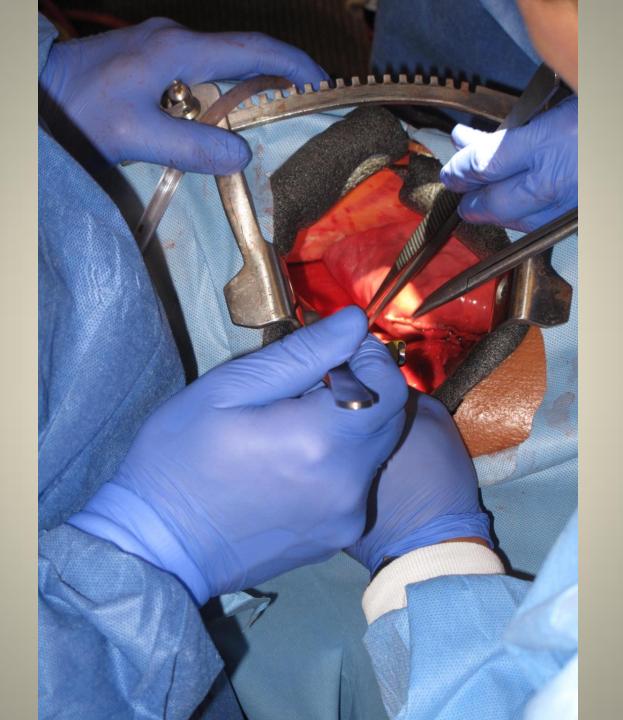




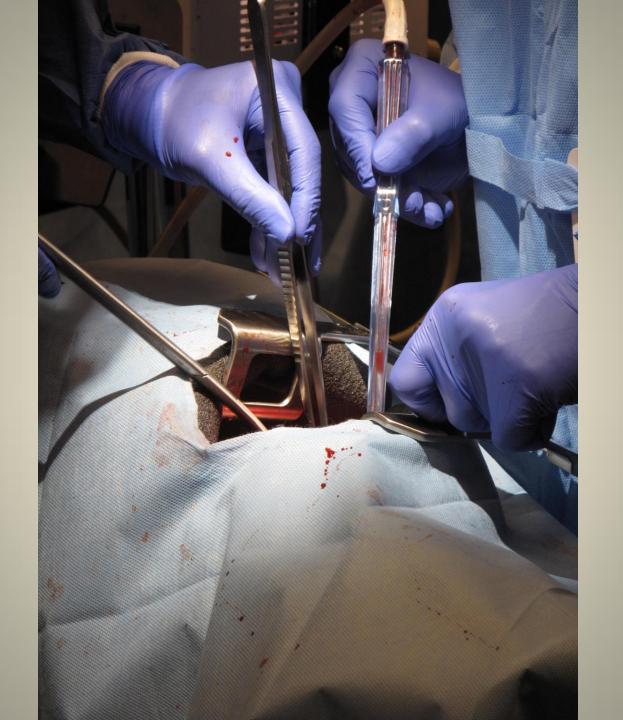
OPEN LOBECTOMY

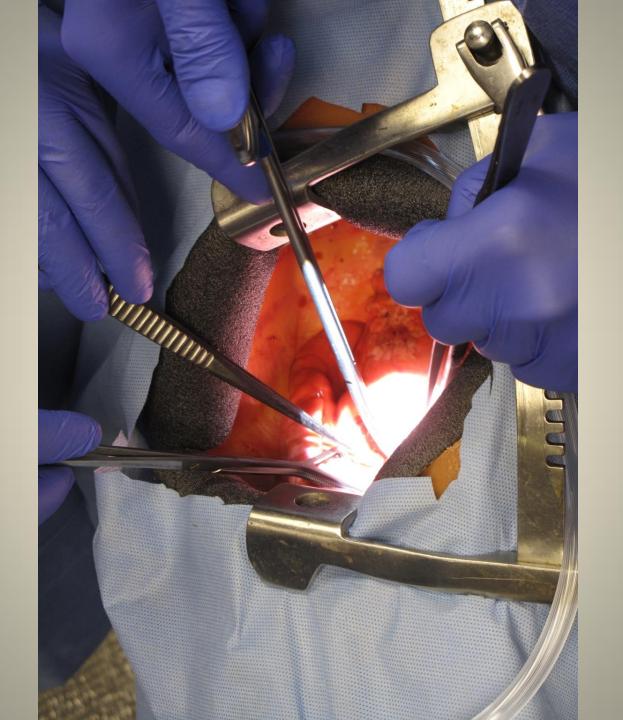














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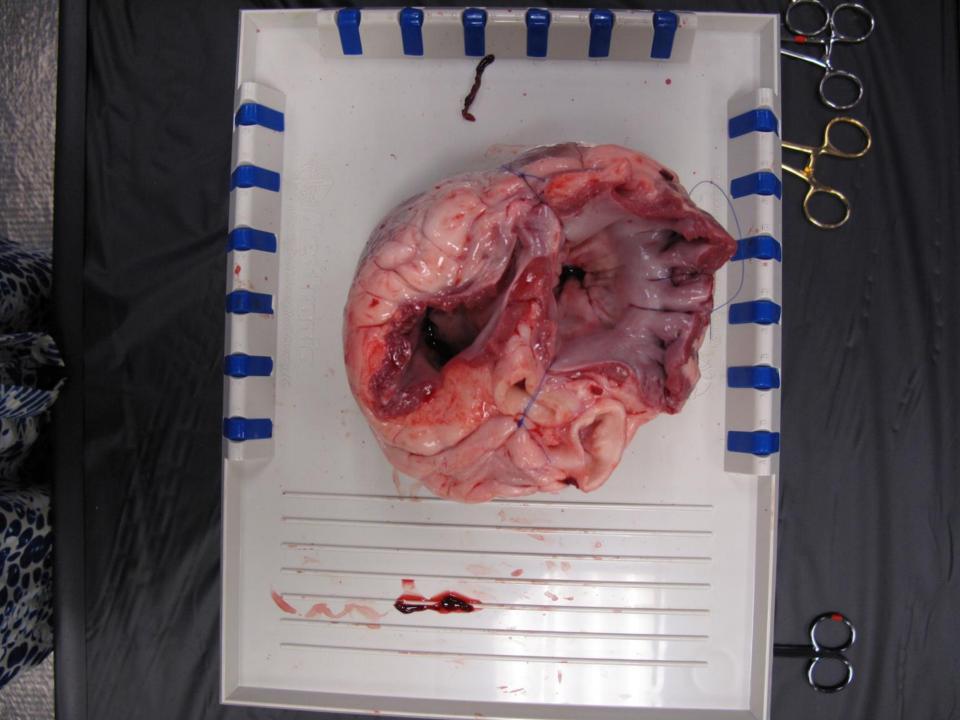


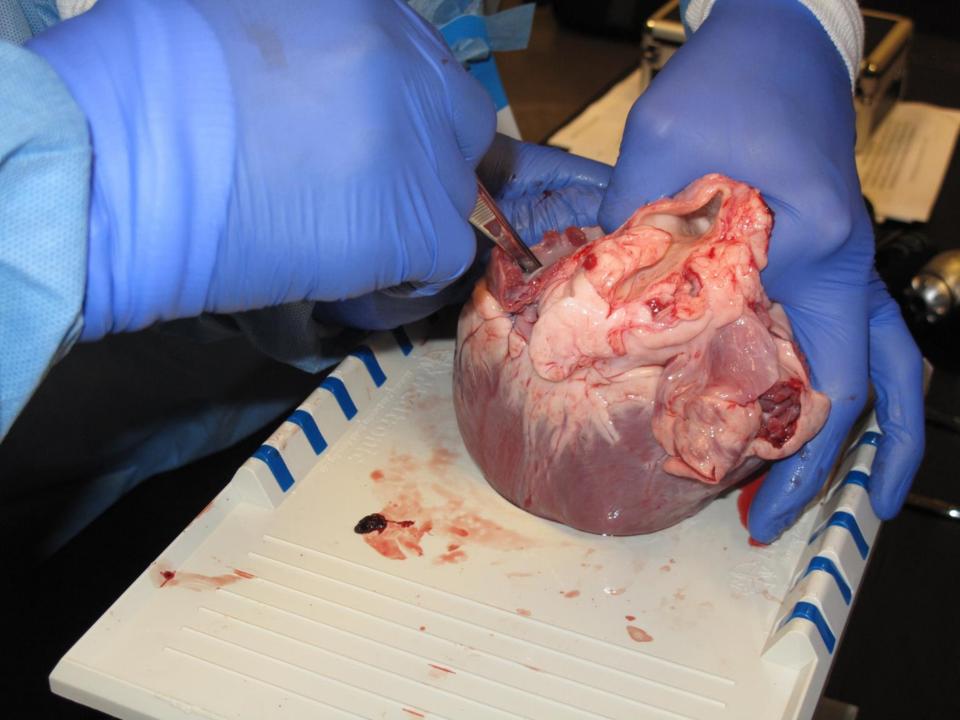




Introduction to MITRAL VALVE SURGERY

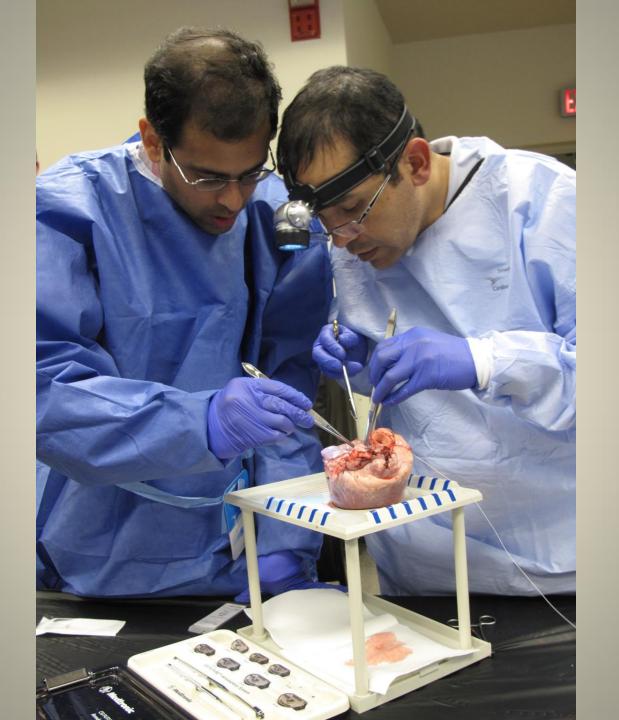
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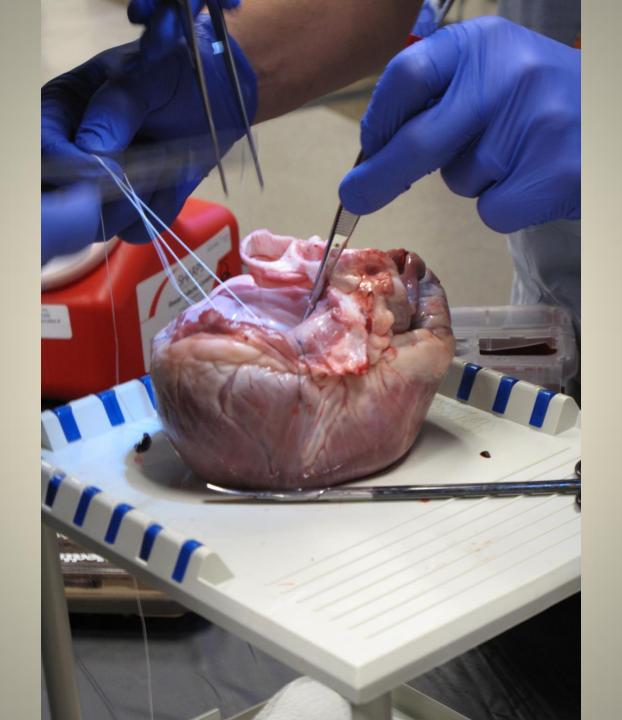






































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