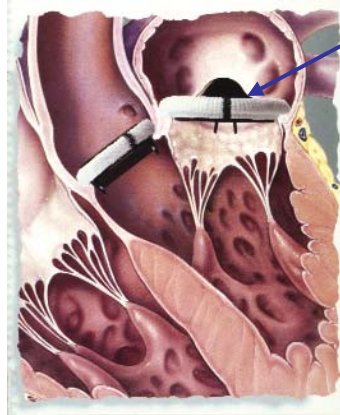


VORTEX LAB (HEART LAB)

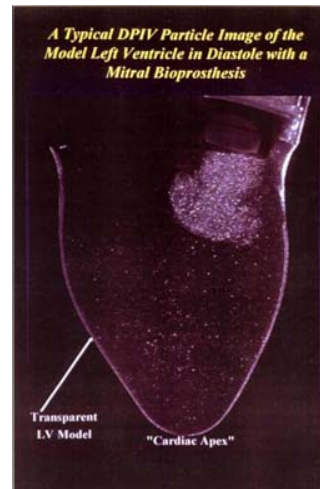
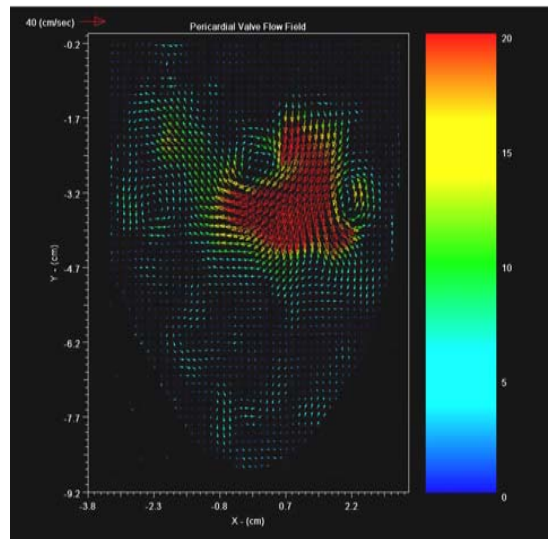
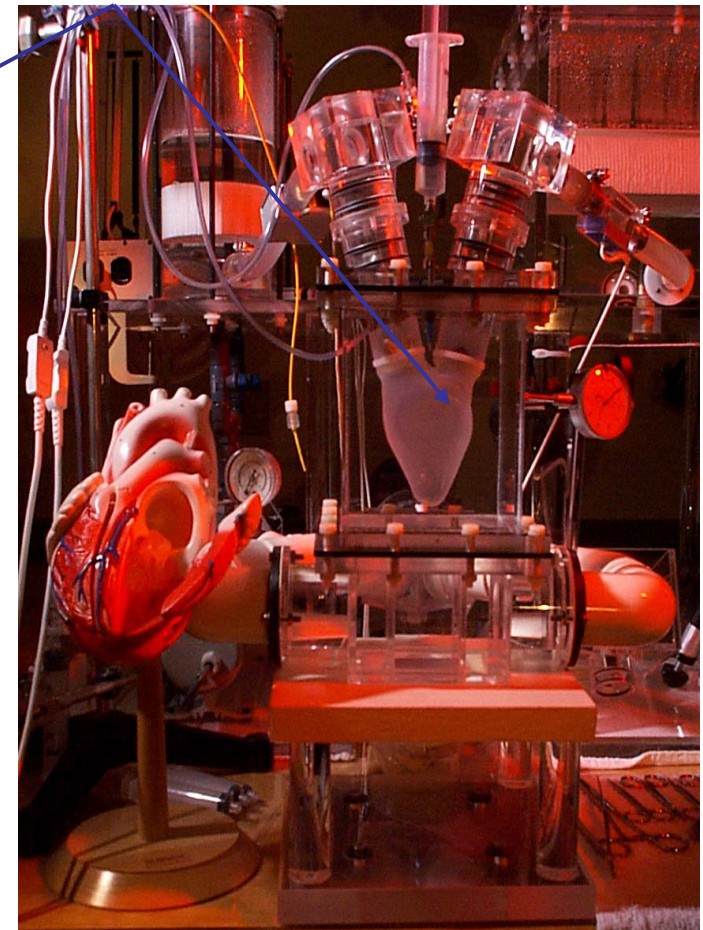
Mory Gharib

Bio-Fluid dynamics *Left Ventricular Flows*

Objective: To understand the effect of artificial mechanical heart valve (MHV) geometry on the left ventricle flow dynamics.



Mechanical heart valve



The Left Heart Pulsed Flow Simulator
Kheradvar and Gharib

