List of changes made to HumMod in order for the labs to be completed:

Lab 27 – Ketoacidosis: Changes made to Insulin Secretion in Structure and Beta Cells in Display in order to provide a mechanism by which secretion could be turned off.

Lab 28 & 29 – Mitral Stenosis and Aortic Regurgitation -- .DES files for Aortic and Mitral Stenosis and Regurgitation under Display are changed in order to scale by .01 mm^2 rather than .1 mm^2.

Lab 16 – Diabetes Mellitus: The same insulin secretion switch employed in Lab 27 was used to rid the system of insulin in order for this lab to be completed.

Appendix C – Exercise Tolerance: The Treadmill DES file under Lifestyle in Display was changed to allow a treadmill grade of 20%, up from 15%. However, this change did not allow the lab to be completed properly; the treadmill grades do not affect the subject’s exertions beyond a 10% grade. The default 15% currently available in the unmodified HumMod release is not functional.