**Medical Visualization Application**

3D Medical Visualization Application

CCR has developed an application that reads data output from a CT machine in order to create highly-detailed 3D visualizations. This package stems from a collaboration with Women and Children's Hospital of Buffalo, a leading miniature access surgery center. The software allows us to visualize multiple surfaces and volumes, as well as export images, movies or CAD representations of models. It can read in MRI data as well as DICOM format imagery. It has a volume renderer, can produce iso-surfaces, and has tools to allow the user to clip or mask various sections in order to focus on specific focal points. It is a multiple use application that has been tailored for specific tasks as needed.