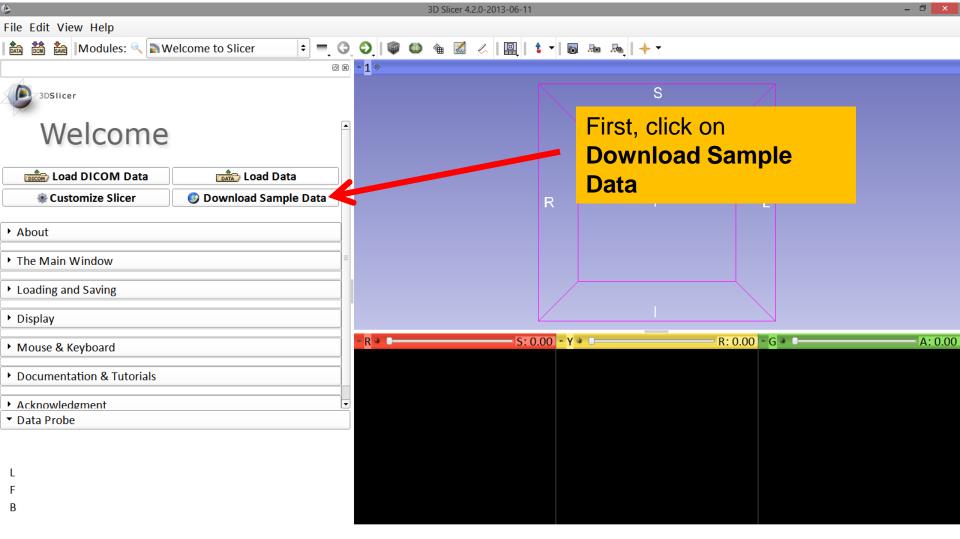


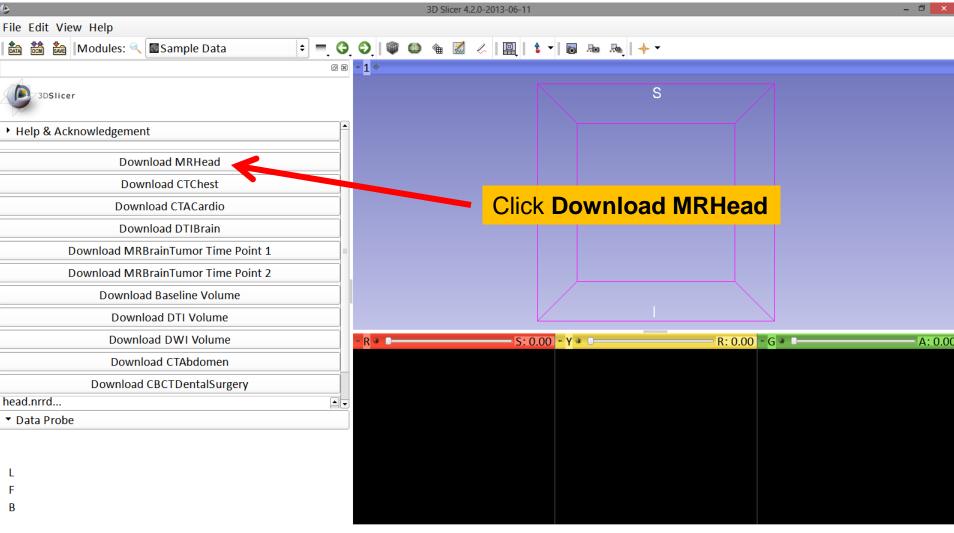


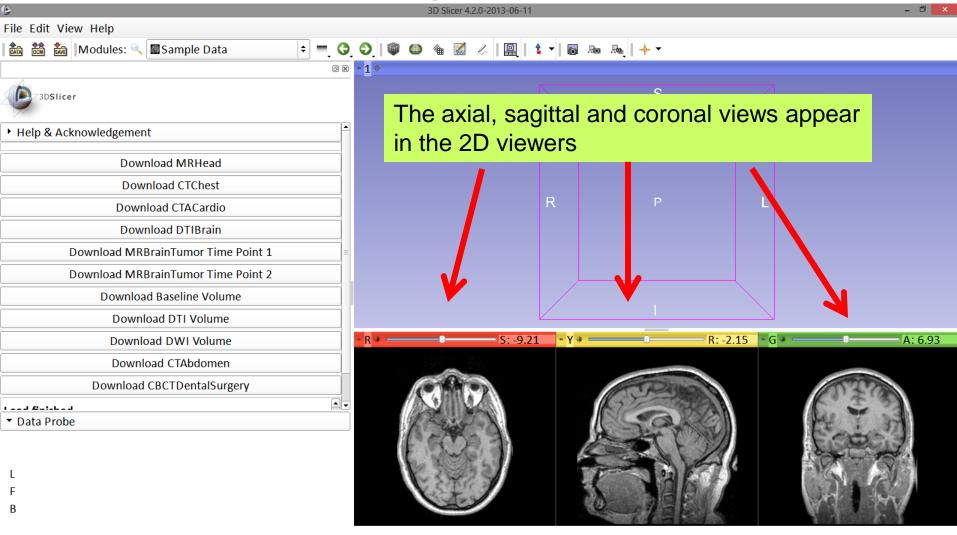
3D Data Loading and Visualization

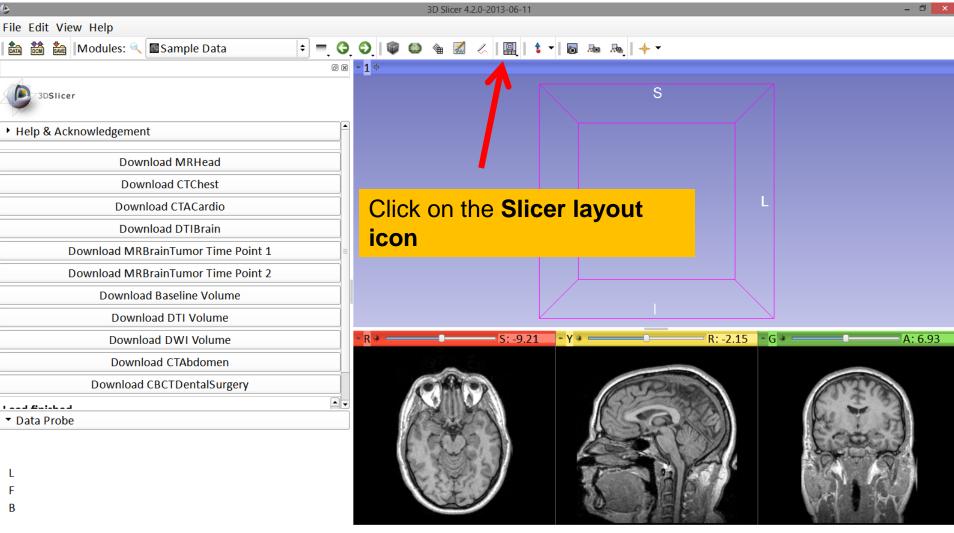
Sonia Pujol, Ph.D.

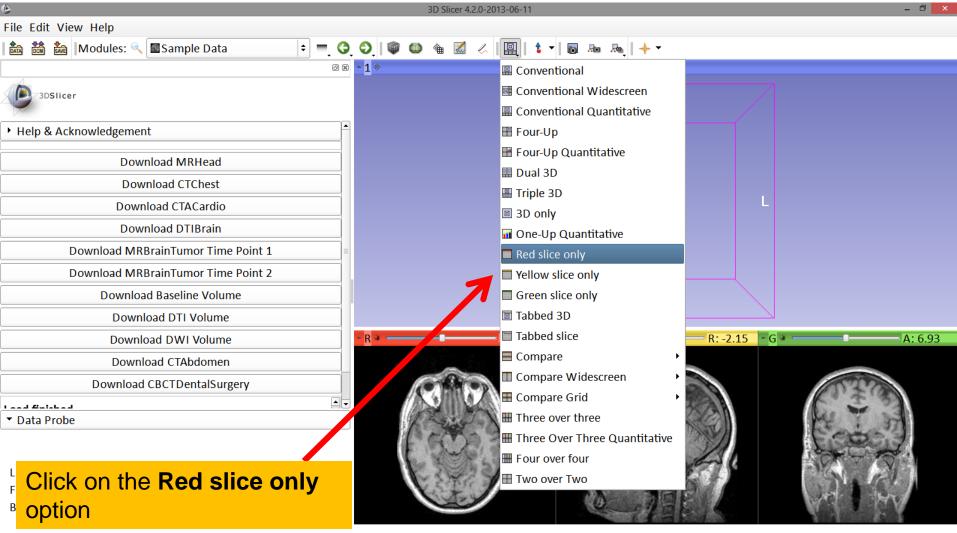
Surgical Planning Laboratory
Harvard University

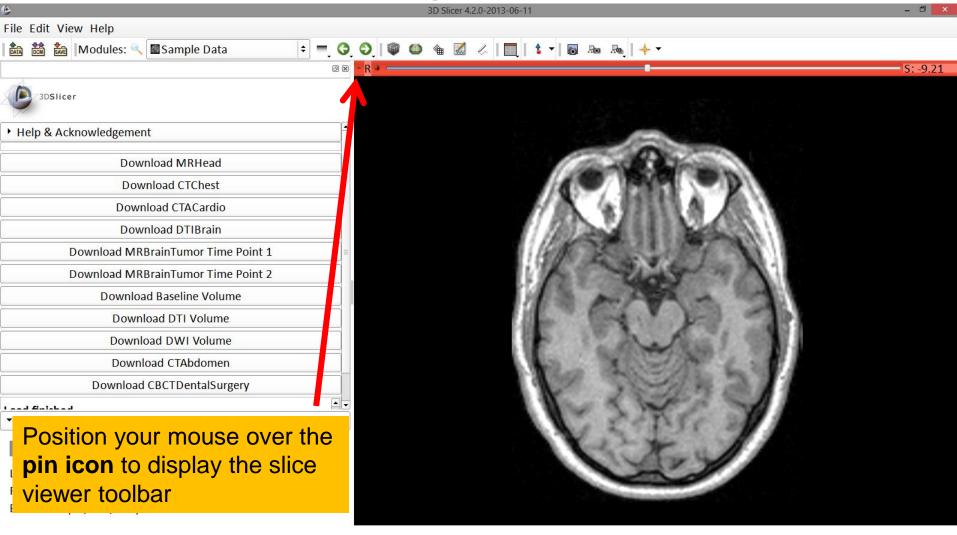


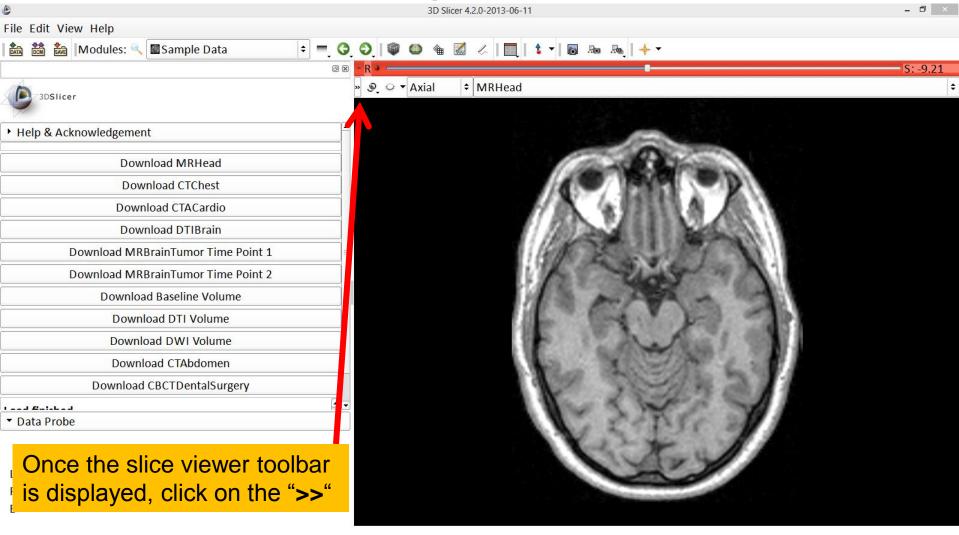


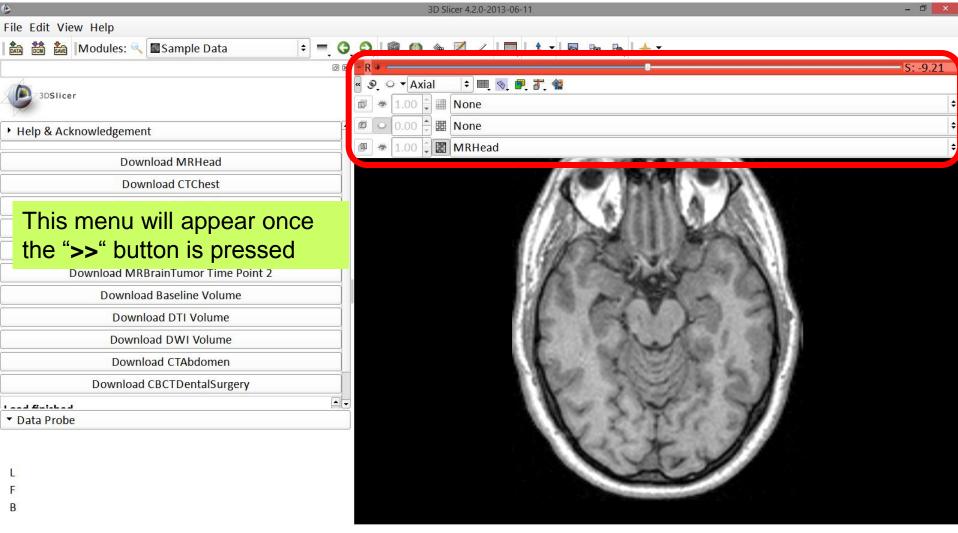


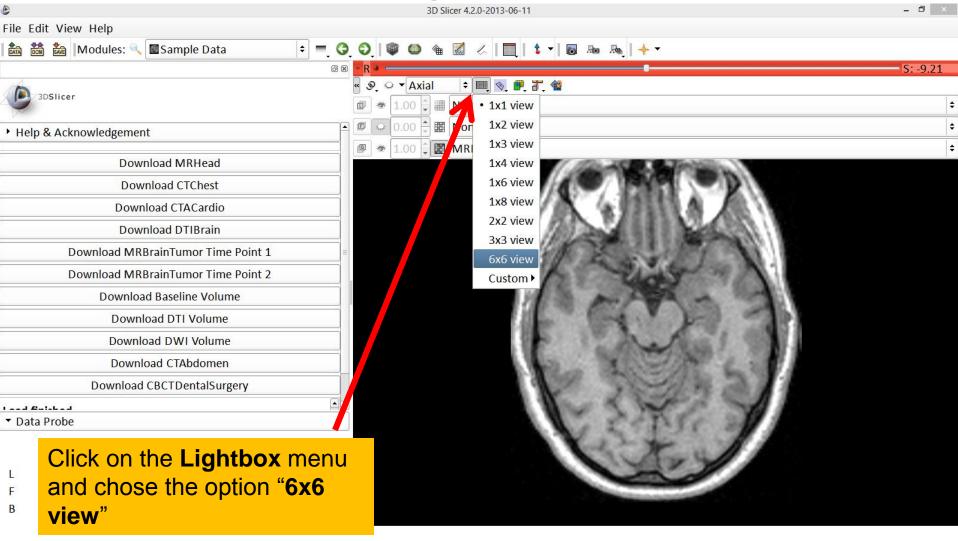


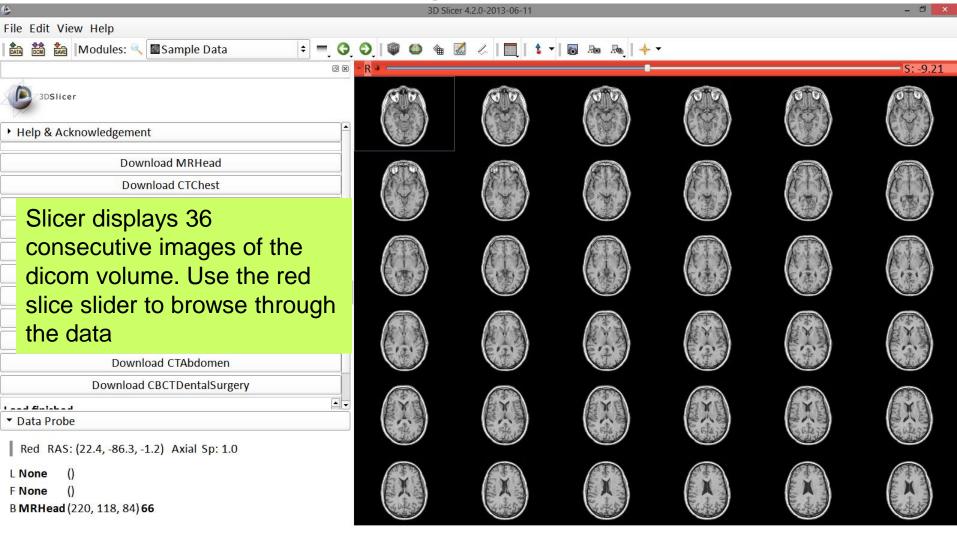


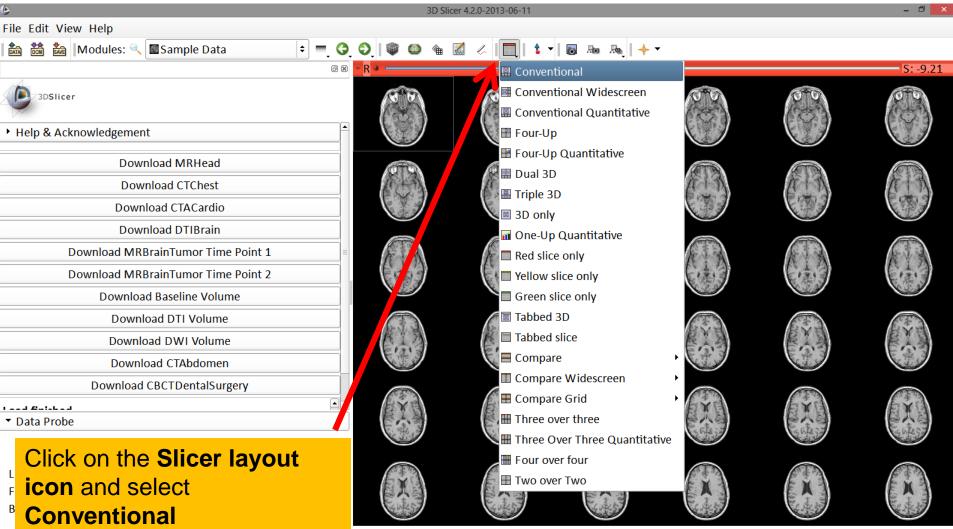


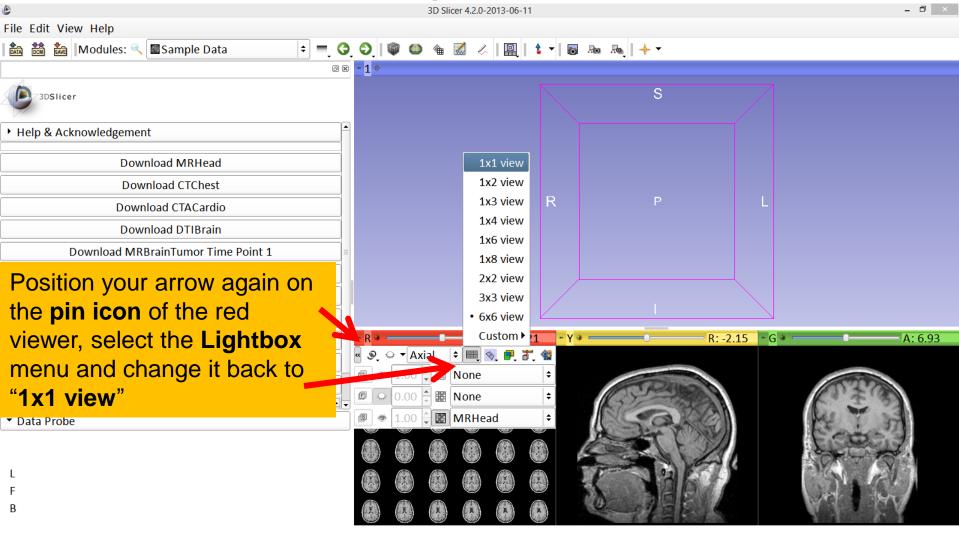


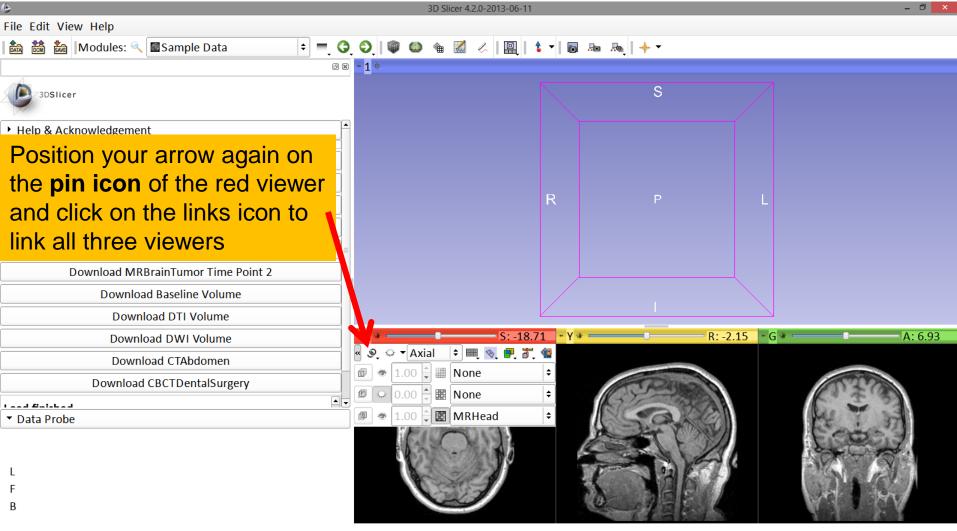


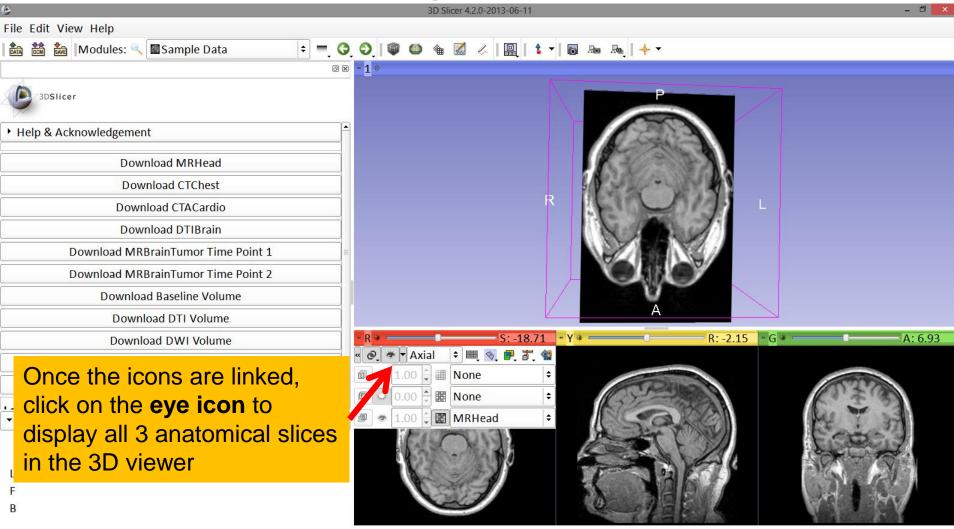


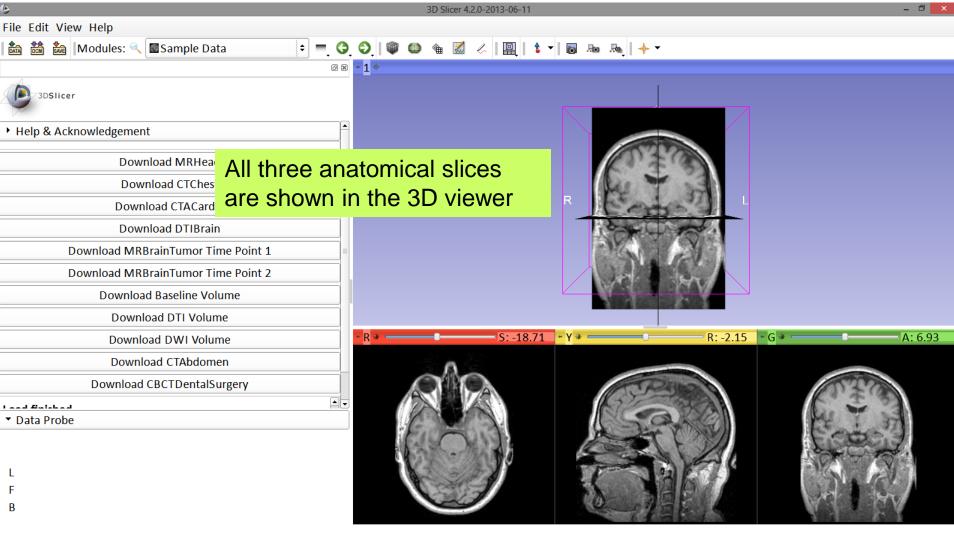




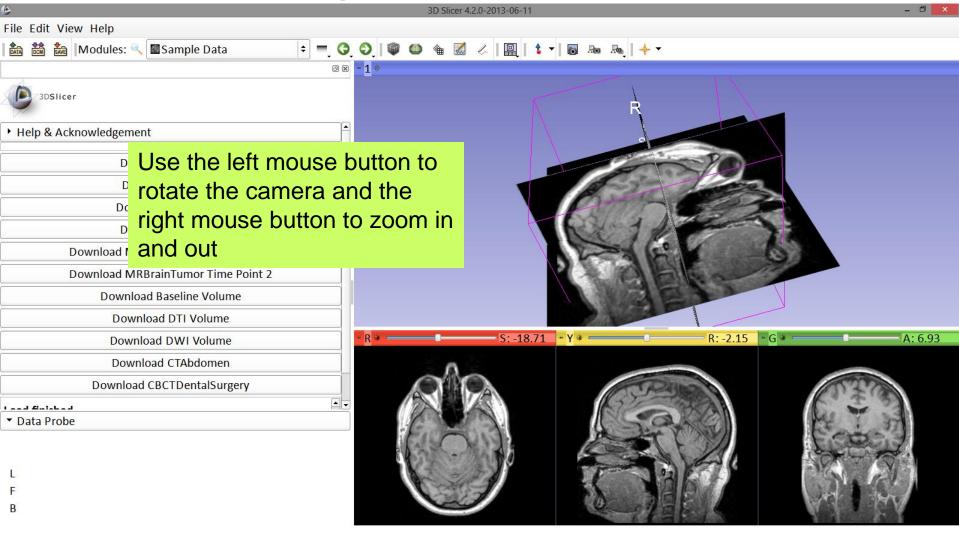








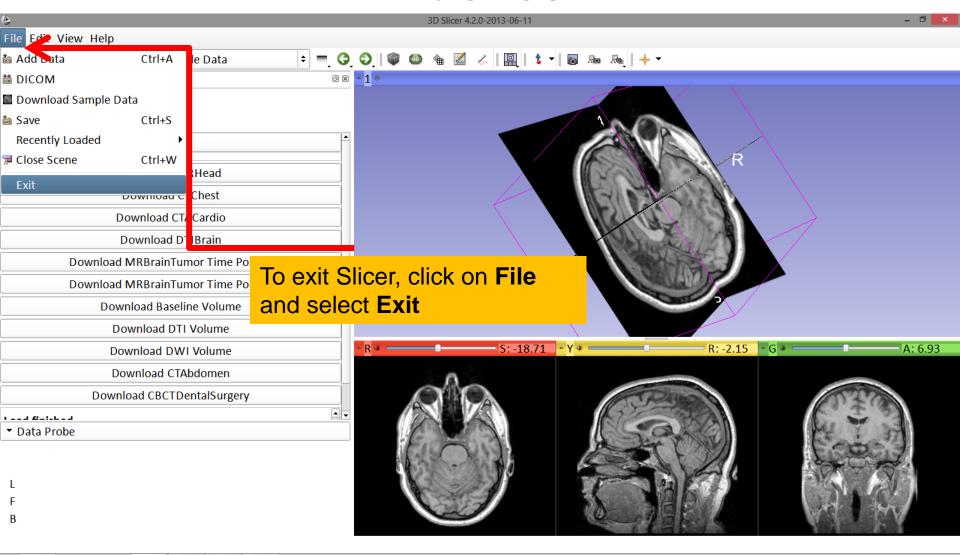
Loading a DICOM volume

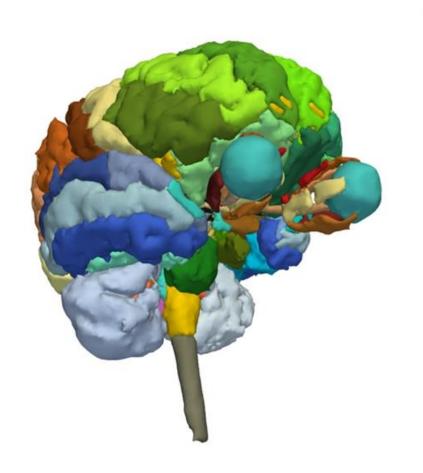


Close the scene



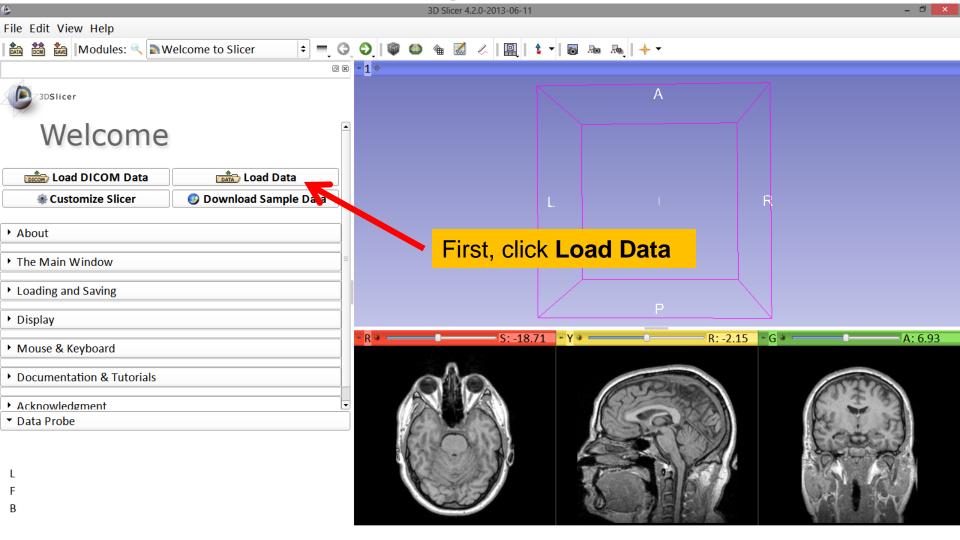
Exit Slicer

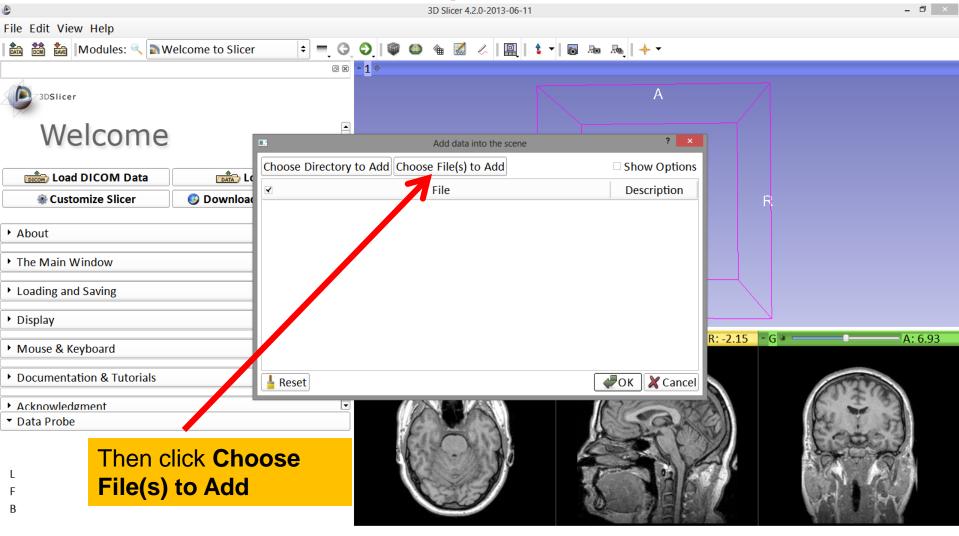


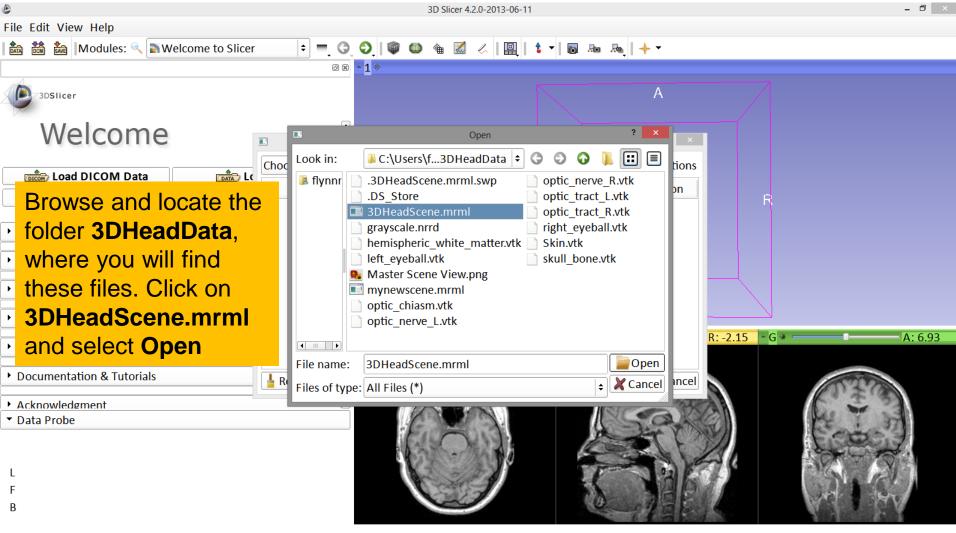


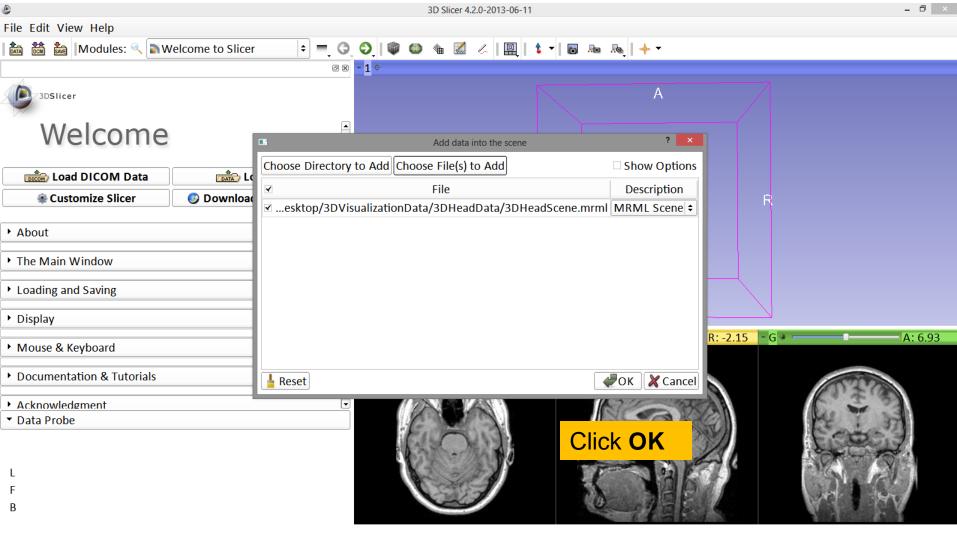
Part 2:

3D visualization of surface models of the brain

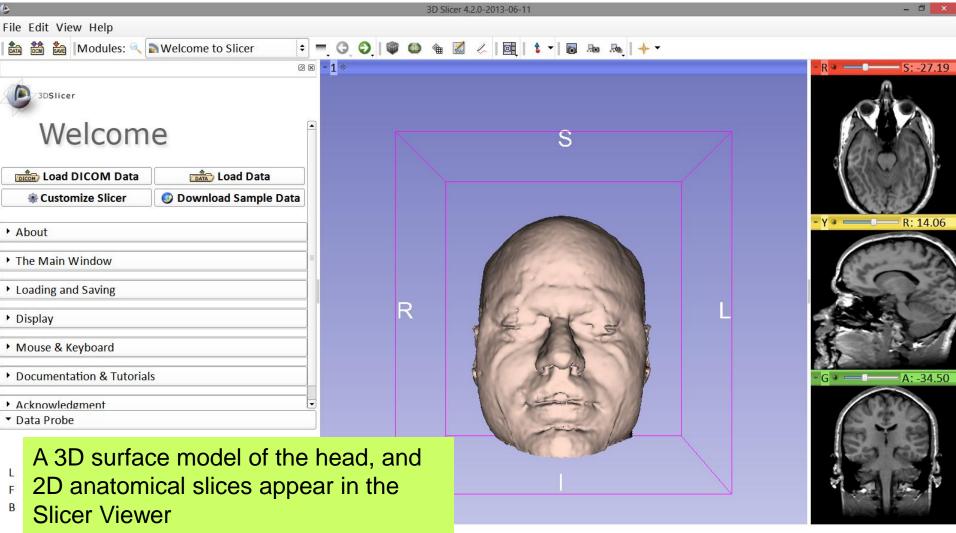




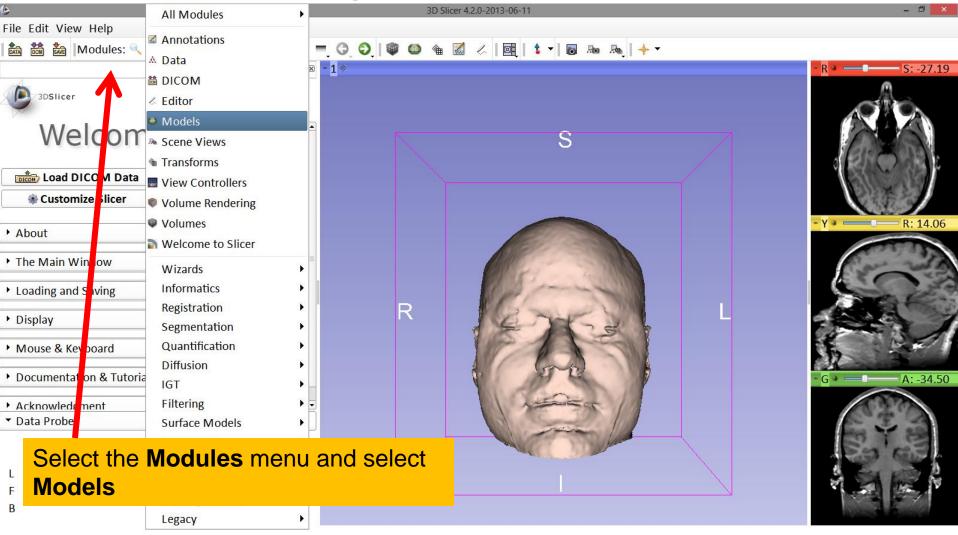




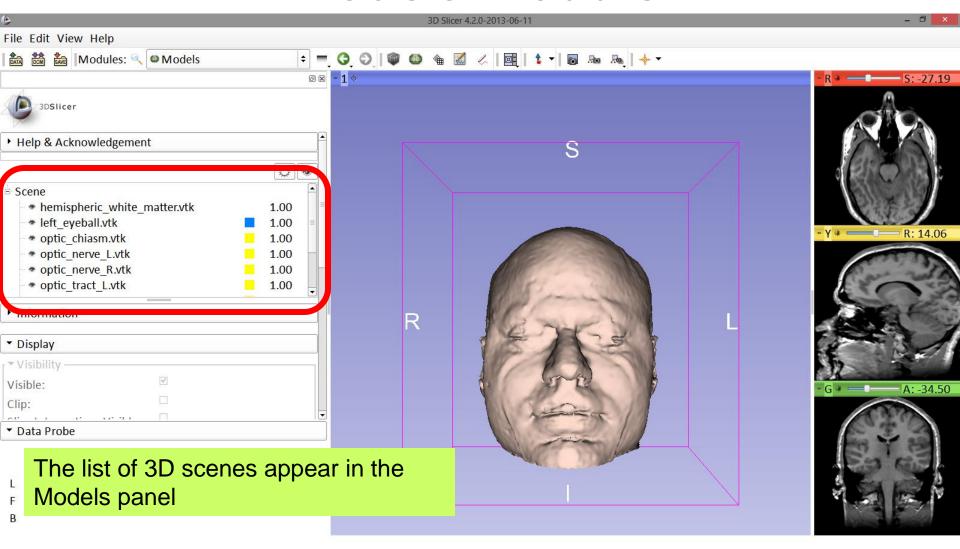
Loading the Slicer Scene

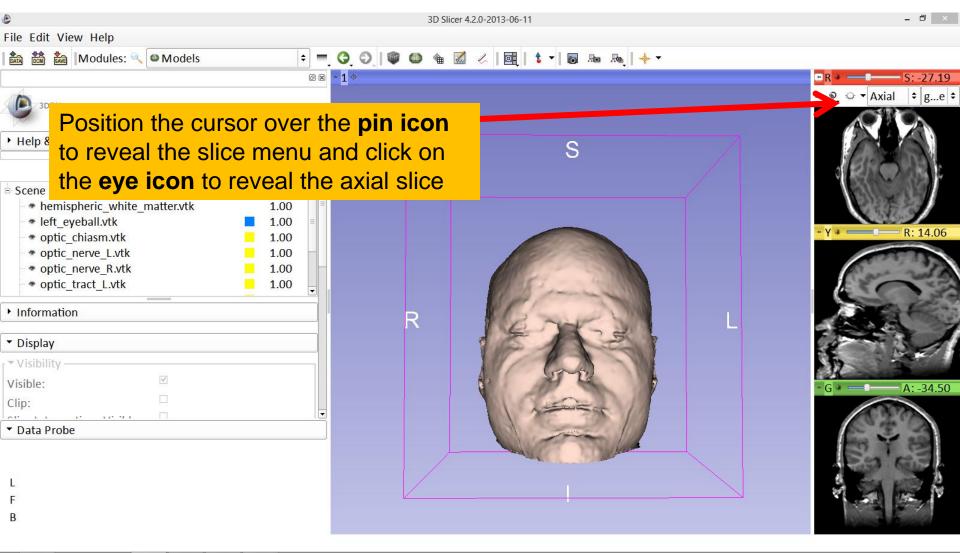


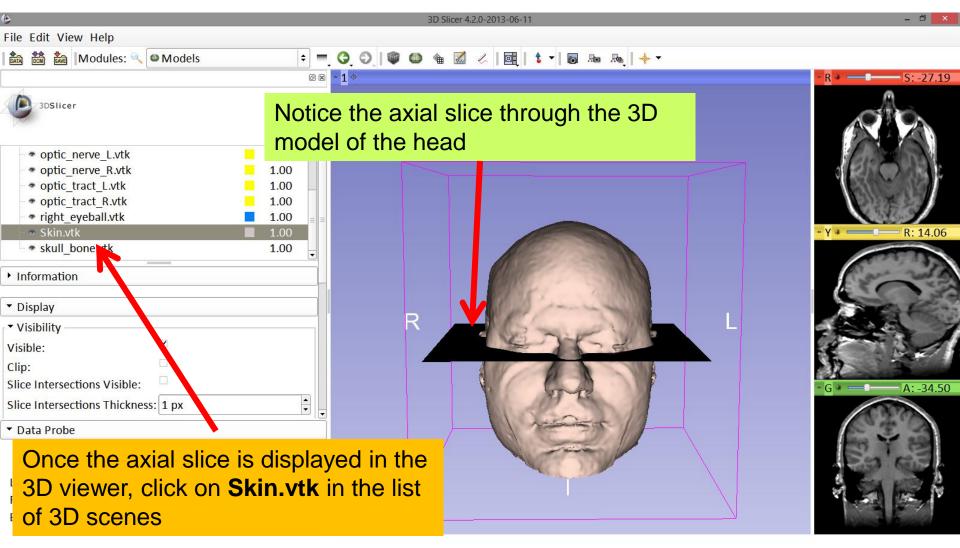
Loading the Slicer Scene

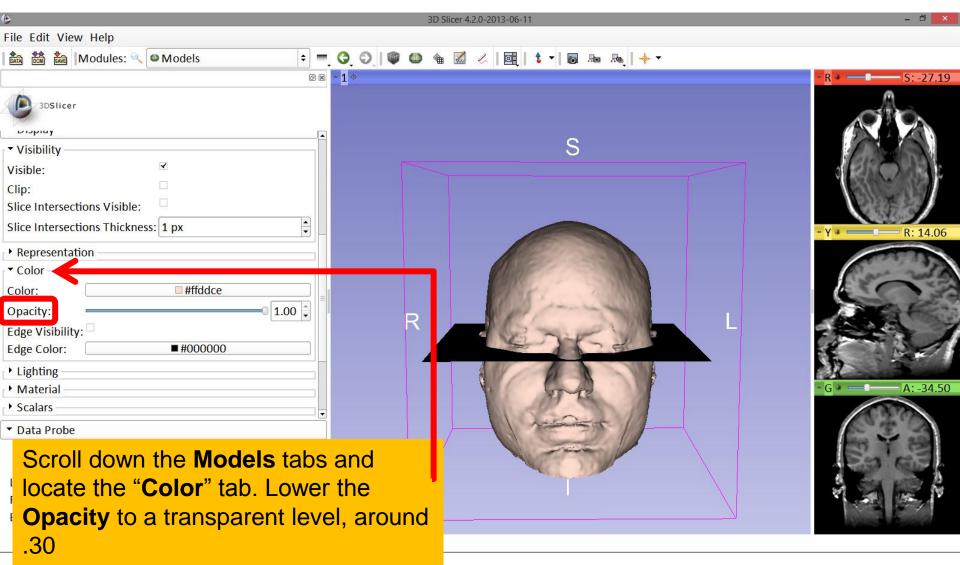


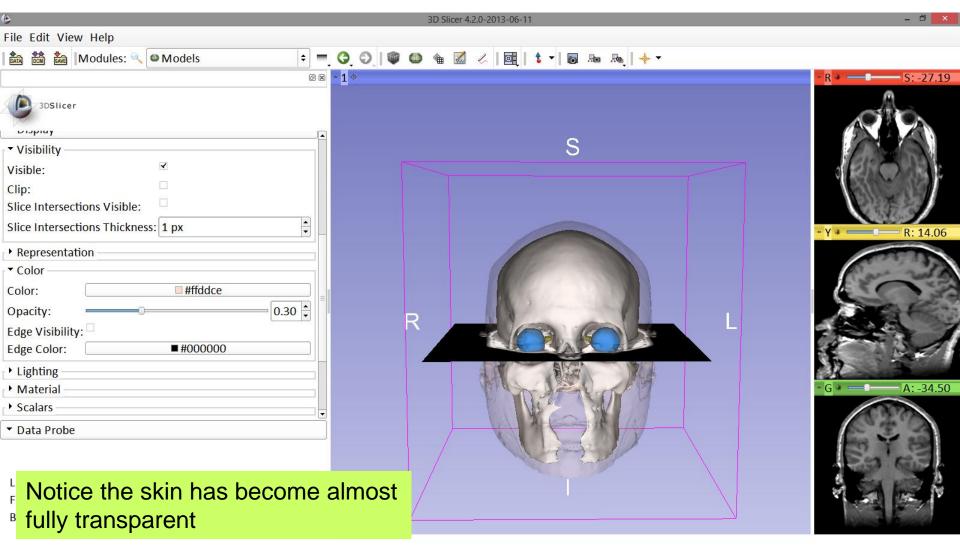
Models Module

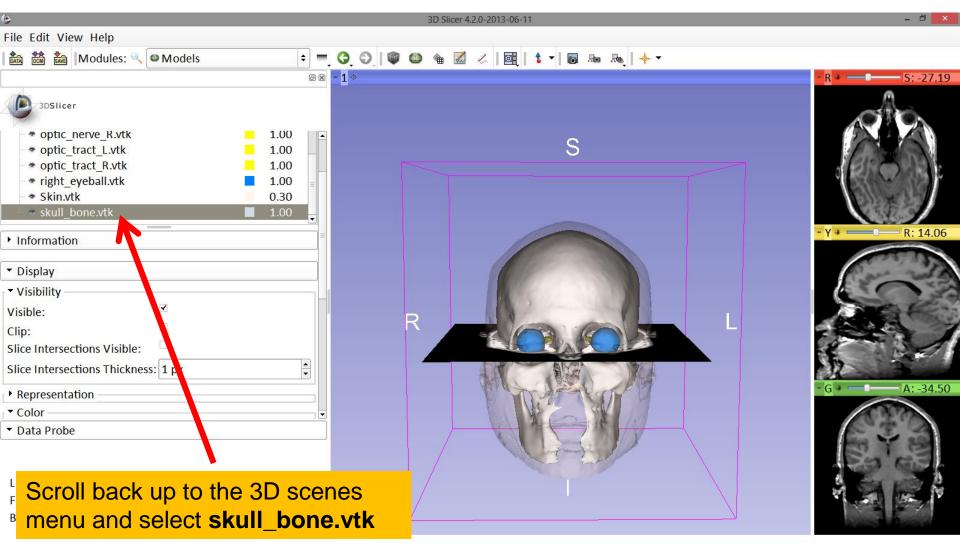


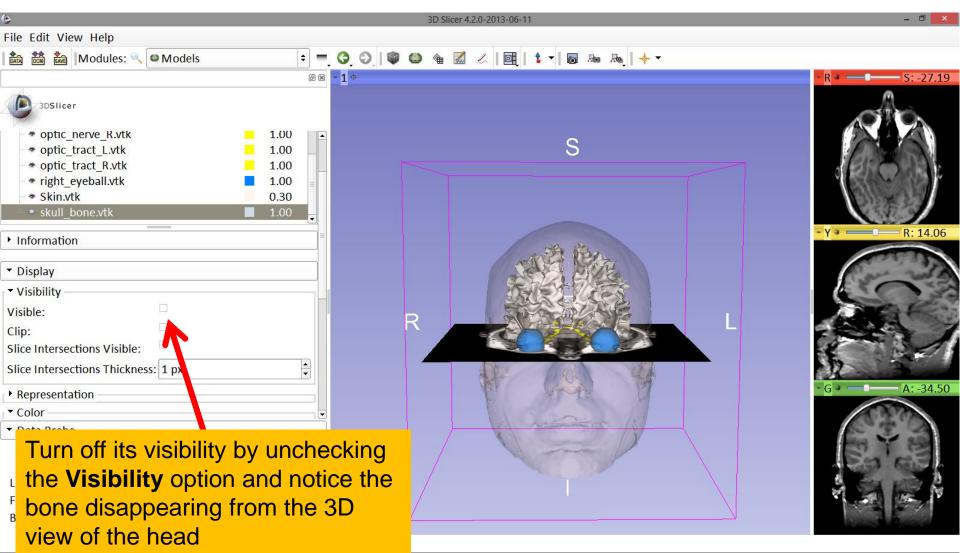


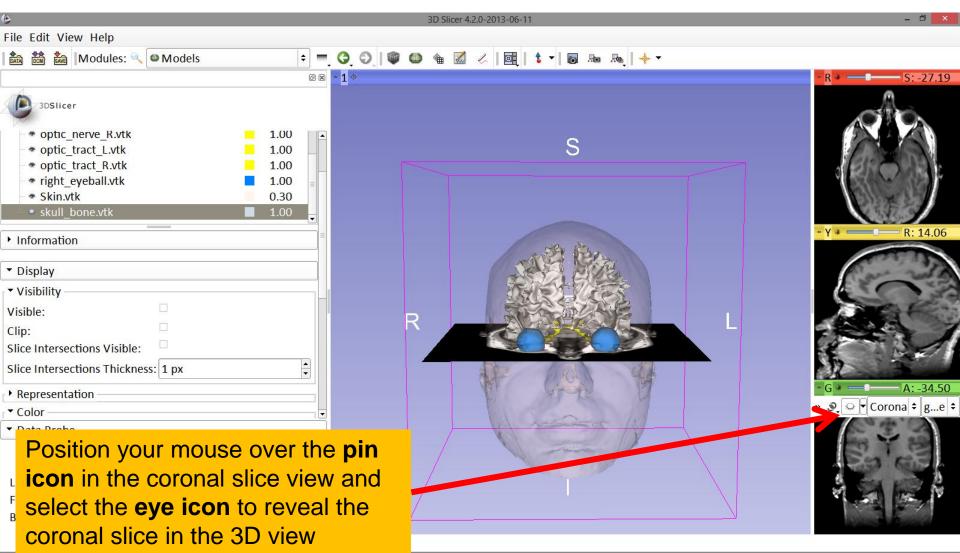


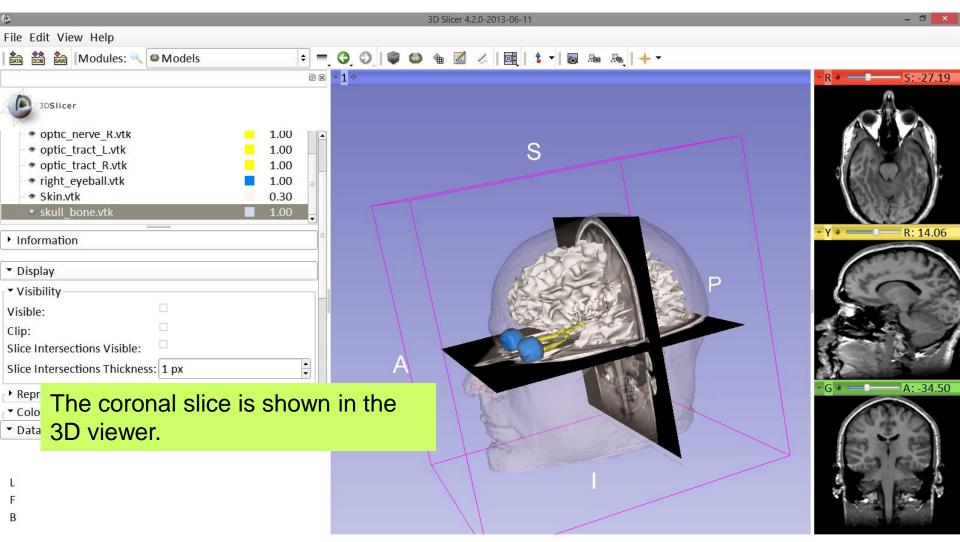


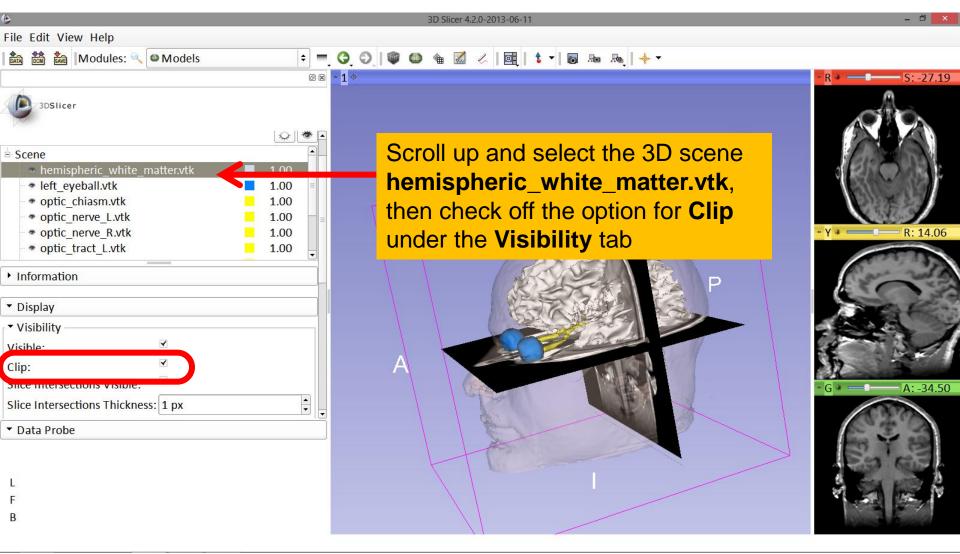


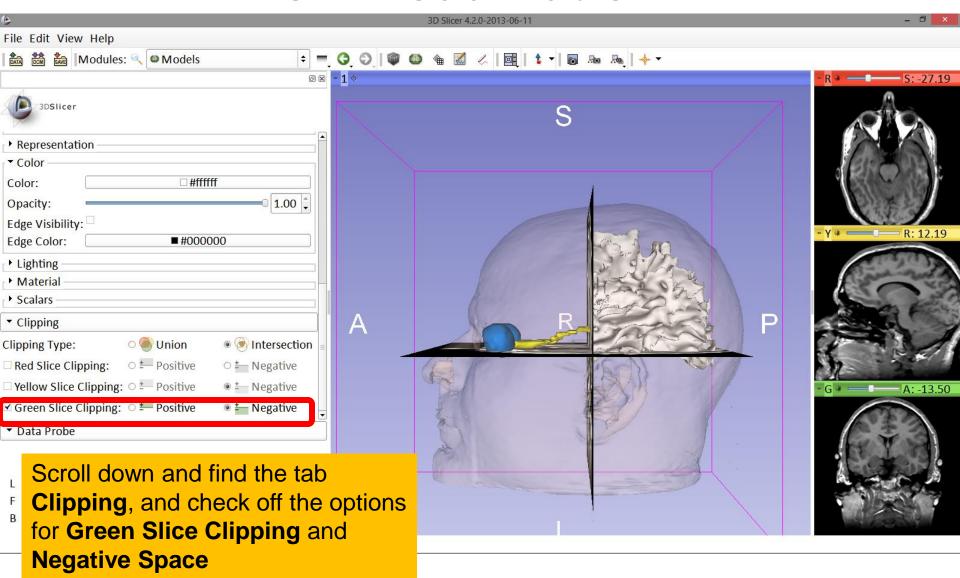


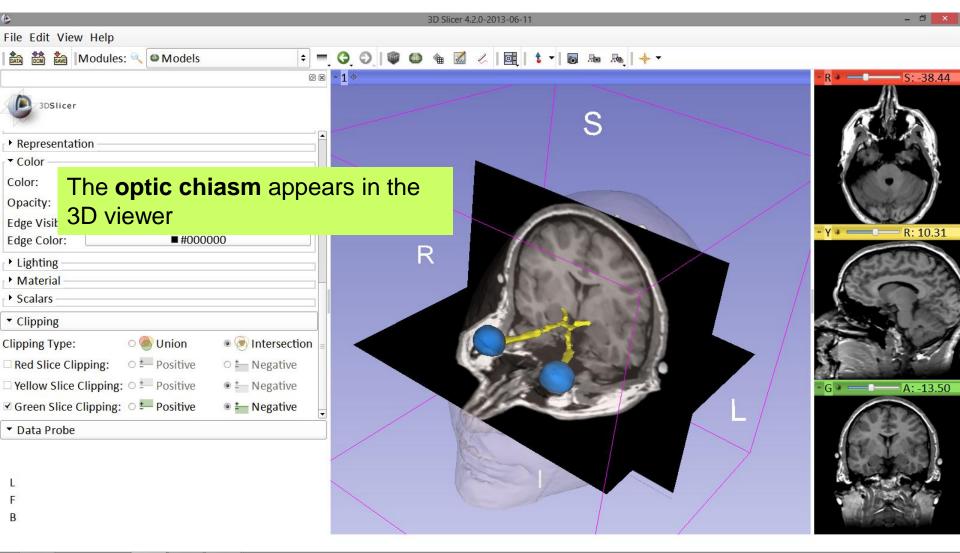


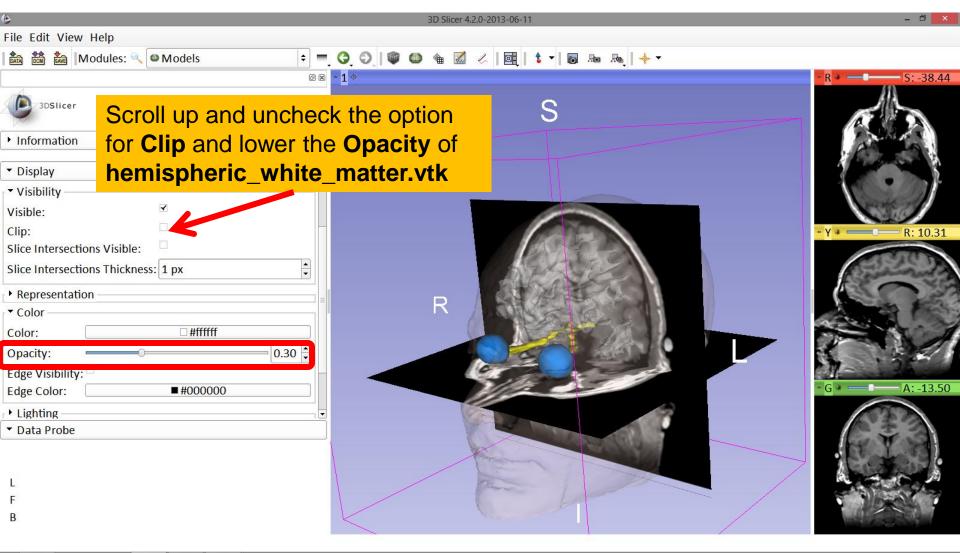


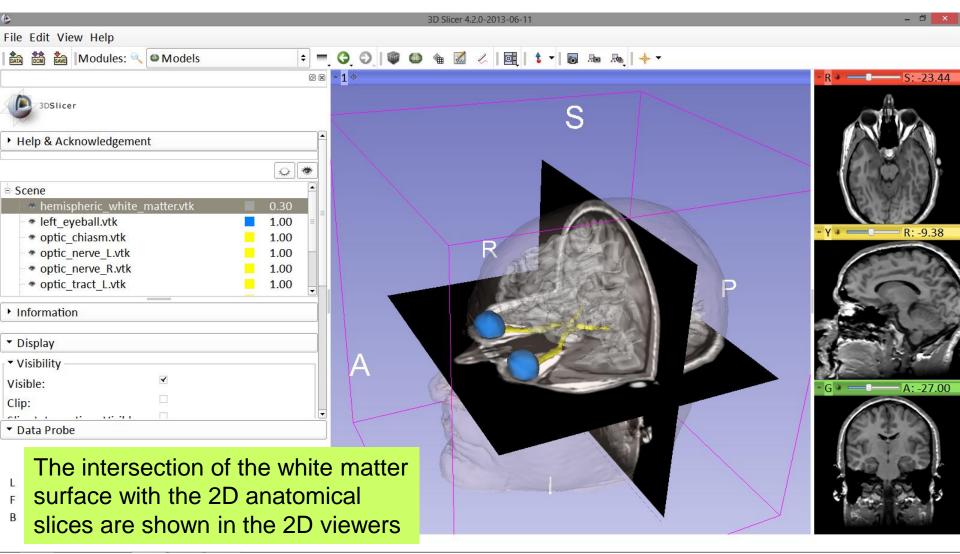


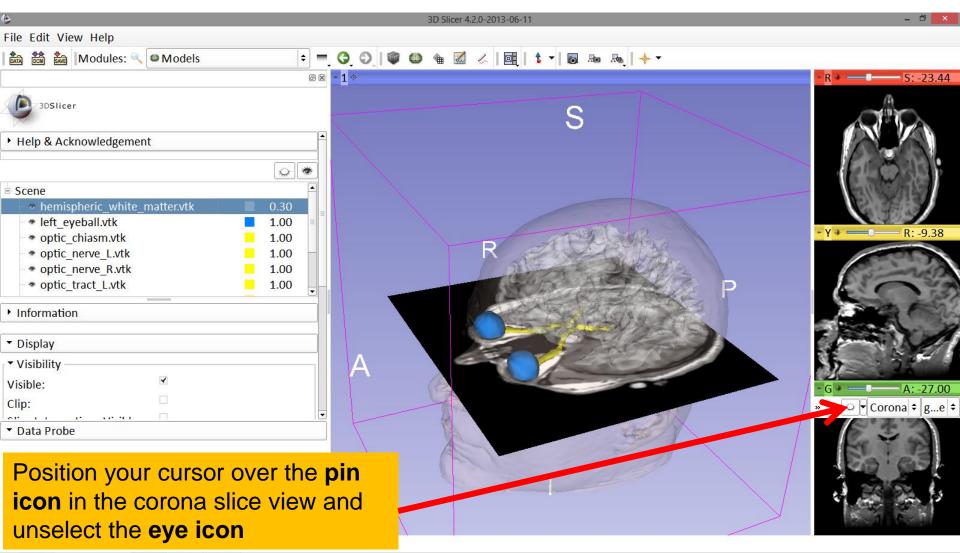


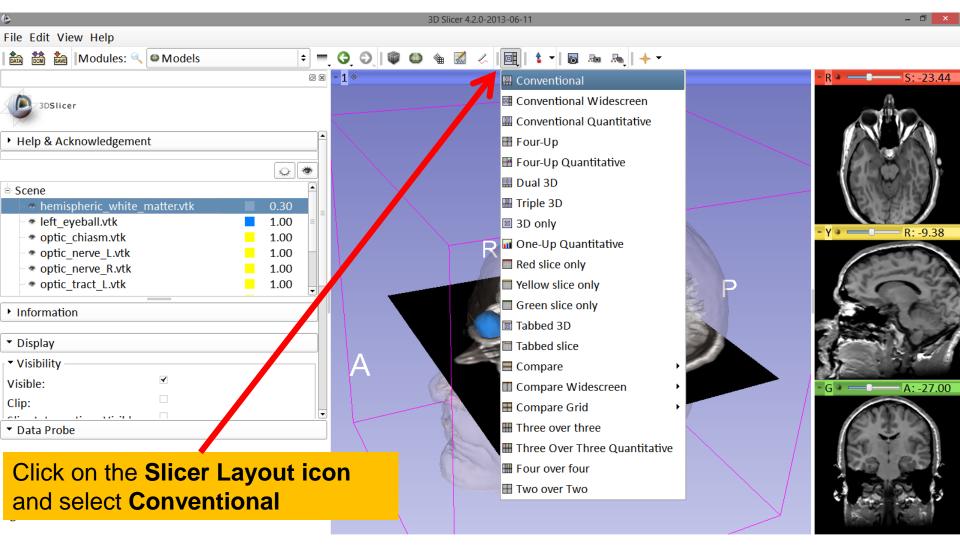


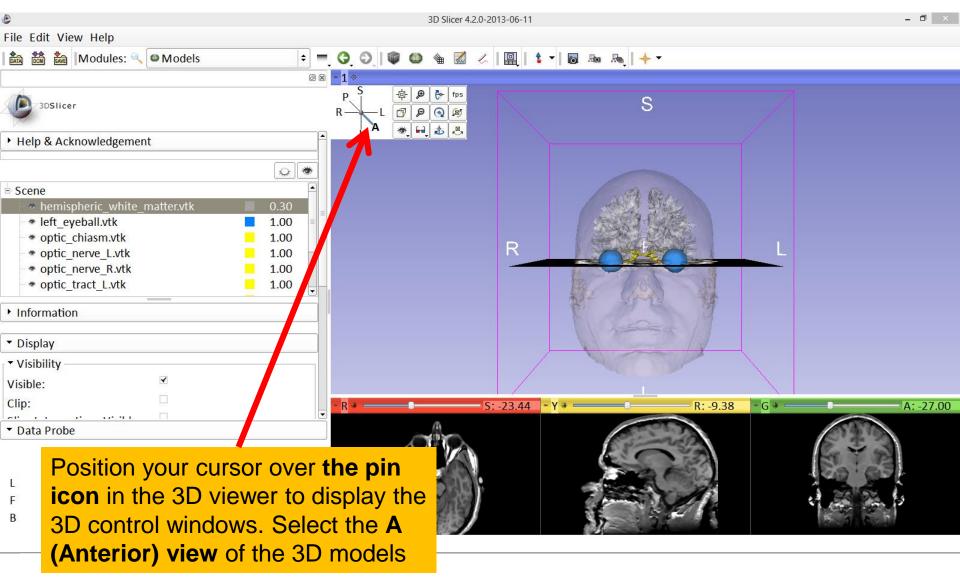


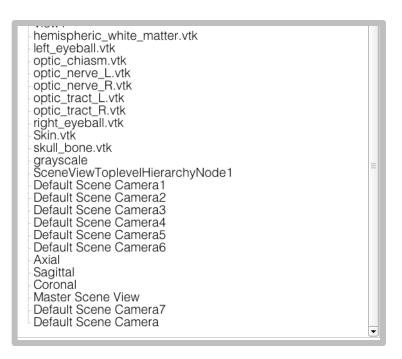






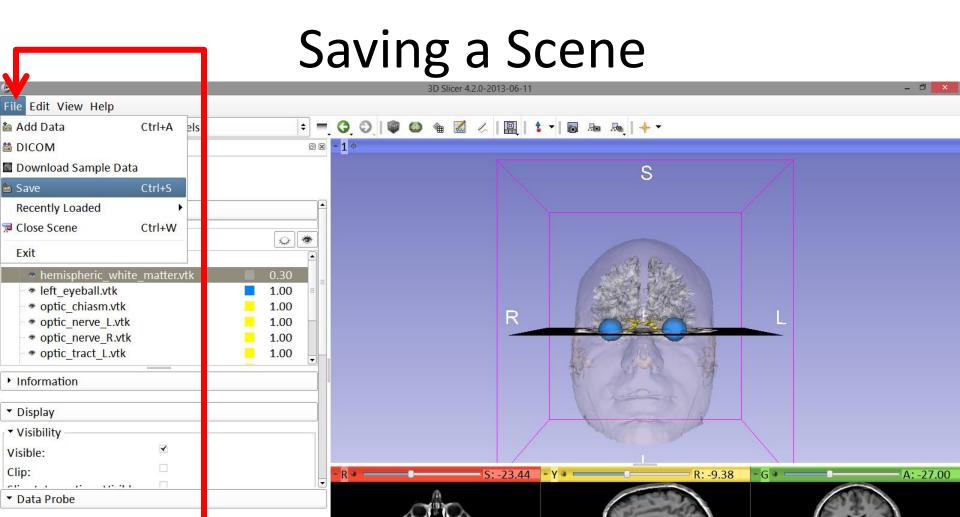






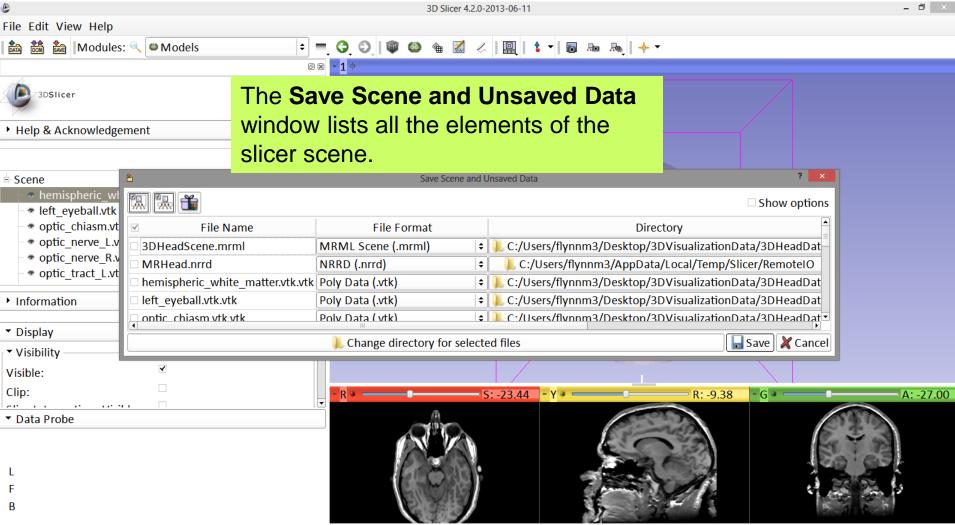
Part 3:

Saving a scene

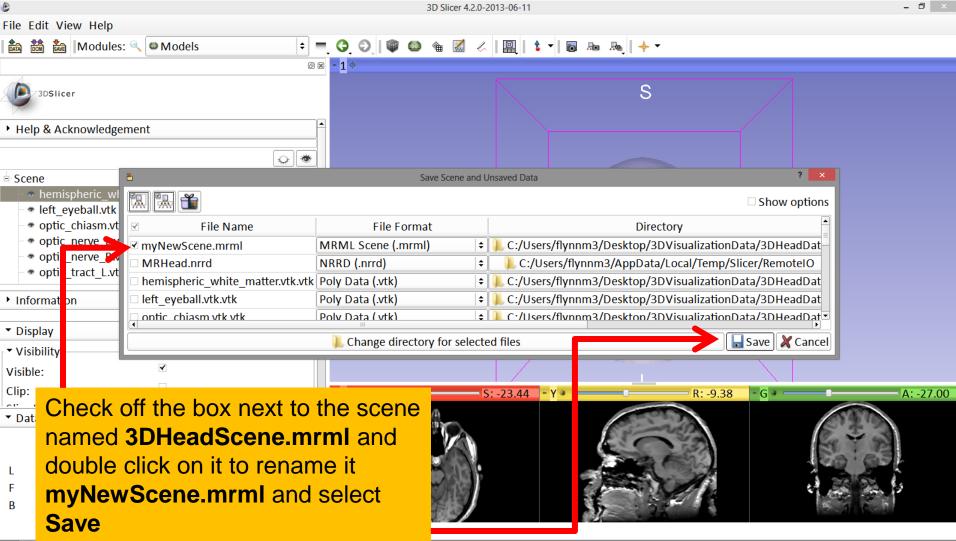


Click on File and select Save

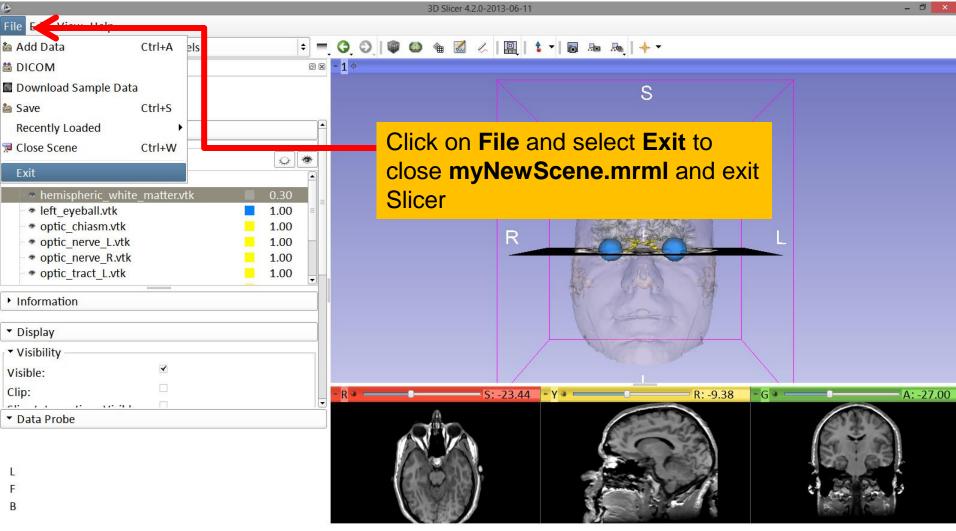
Saving a Scene



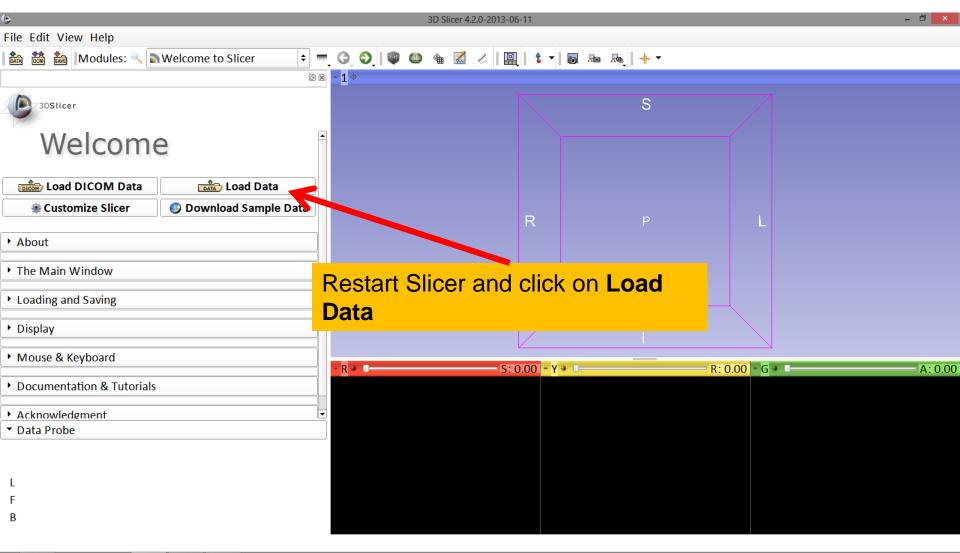
Saving a Scene



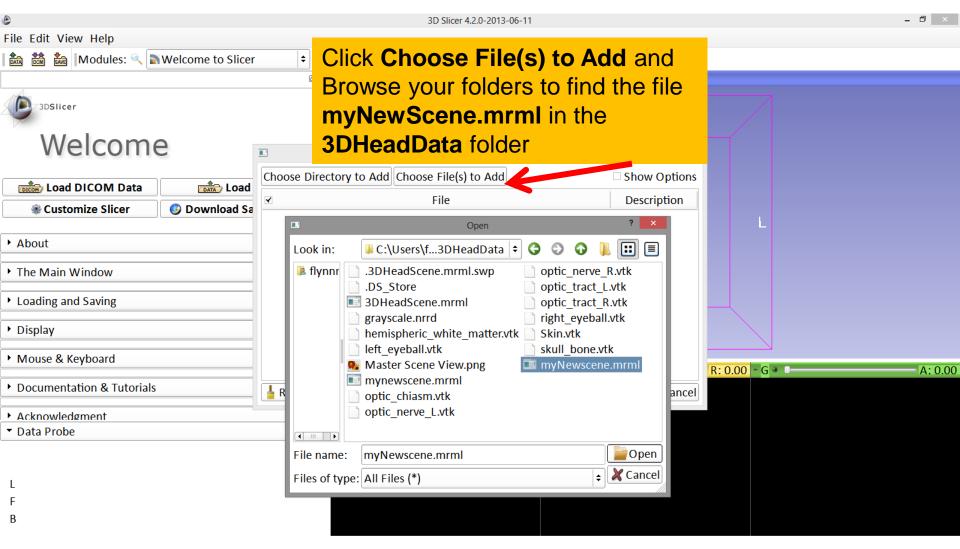
Saving a Scene



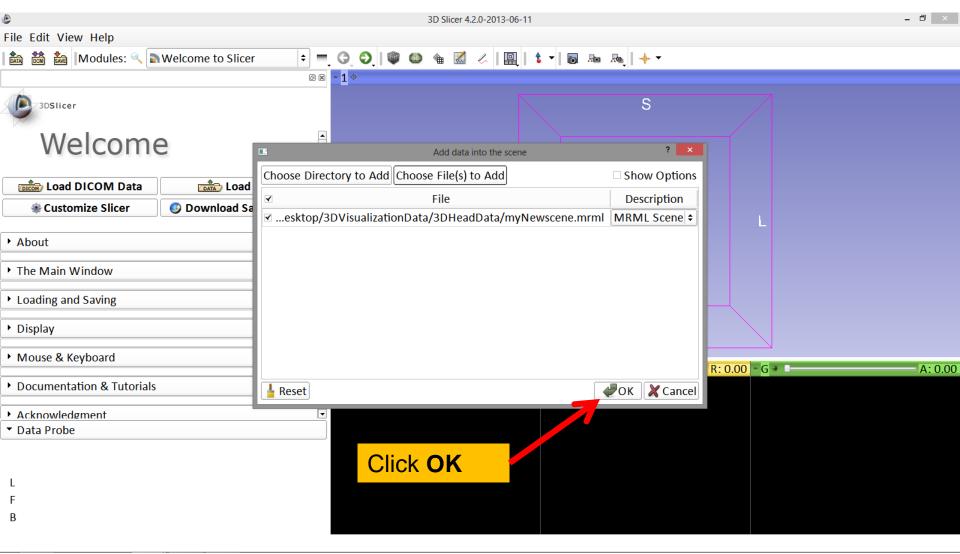
Scene Restore



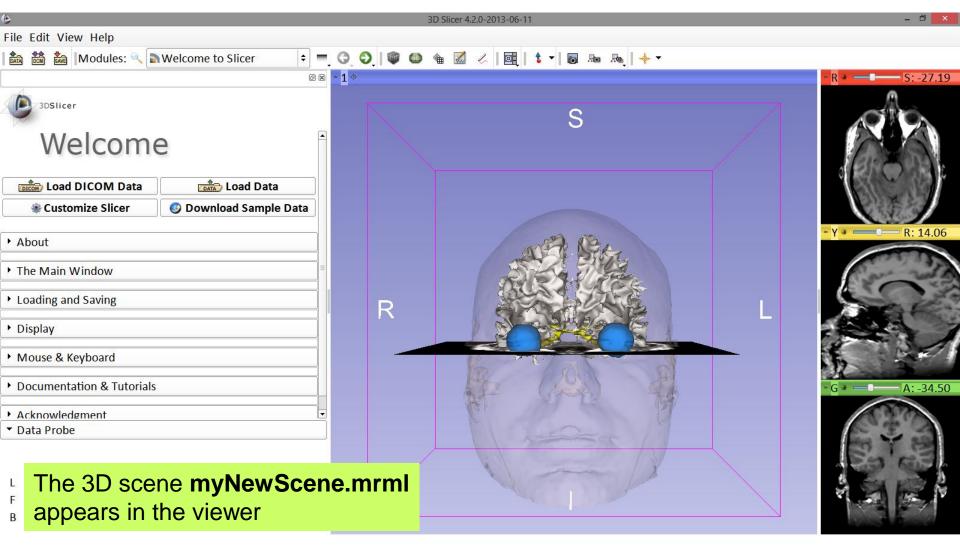
Scene Restore



Scene Restore



Slicer4



Acknowledgments



 National Alliance for Medical Image Computing (NA-MIC)
 NIH U54EB005149



Neuroimage Analysis Center (NAC)
 NIH P41RR013218



- Parth Amin, WIT '16
- Matthew Flynn, WIT '16