**Using Clipping Planes in SUMA (Mac keyboard)**

**NB**. Use of clipping planes now requires that SUMA is in clipping plane *mode*. By default SUMA is *not* in clipping plane mode. Shift-Ctrl-C toggles in and out of clipping plane mode.

There may be up to six clipping planes. They are formed with shift-command-c

No more clipping planes may be added once there are six.

The clipping plane may be viewed, as a rectangle, with shift-c which toggles the

rectangle on and off.

The clipping plane may be moved forward and back with option-scrollwheel

The clipping plane is rotated, about the y-axis, with option-(left or right arrow keys),

or about the x-axis with option-(up or down arrow keys).

The clipping plane is selected with option-(number of the plane)

The clipping plane is toggled on and off with ctrl-(number of the plane)

option-f reverses the normal of the selected clipping plane.

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# [PT: Apr 16, 2021] notes/comments on current clipping plane behavior on Ubuntu 20.04.

There can be up to 6 clipping planes, numbered [1, 6]. Each has a

separate color, being in order R G B C M Y. So, plane 1 can be viewed

in Red, plane 4 in Cyan, etc.

Below, "a number" can be in range [1, 6].

"active" means a clipping plane is clipping, not just visible.

Key+mouse behavior

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shift+command+c : successively add new clipping planes, which are active as they

appear (you might not see them to start, just their clipping effect)

Ctrl+[a number] : toggle the clipping behavior of a plane on/off

Alt+[a number] : select a particular clipping plane (e.g., so you can

rotate/translate it with other key presses)

command+f : reverse clipping direction of any active planes

shift+c : toggle view of all active clipping planes on/off

option+[scrollwheel] : translate a clipping plane in space

option+[arrow key] : rotate a clipping plane in space