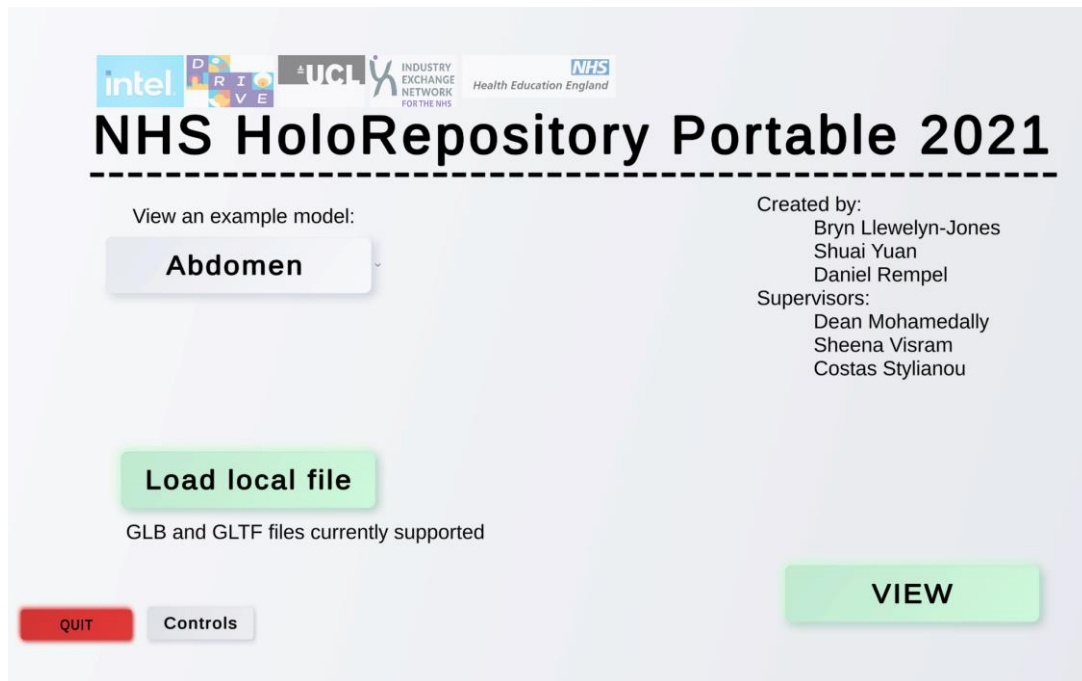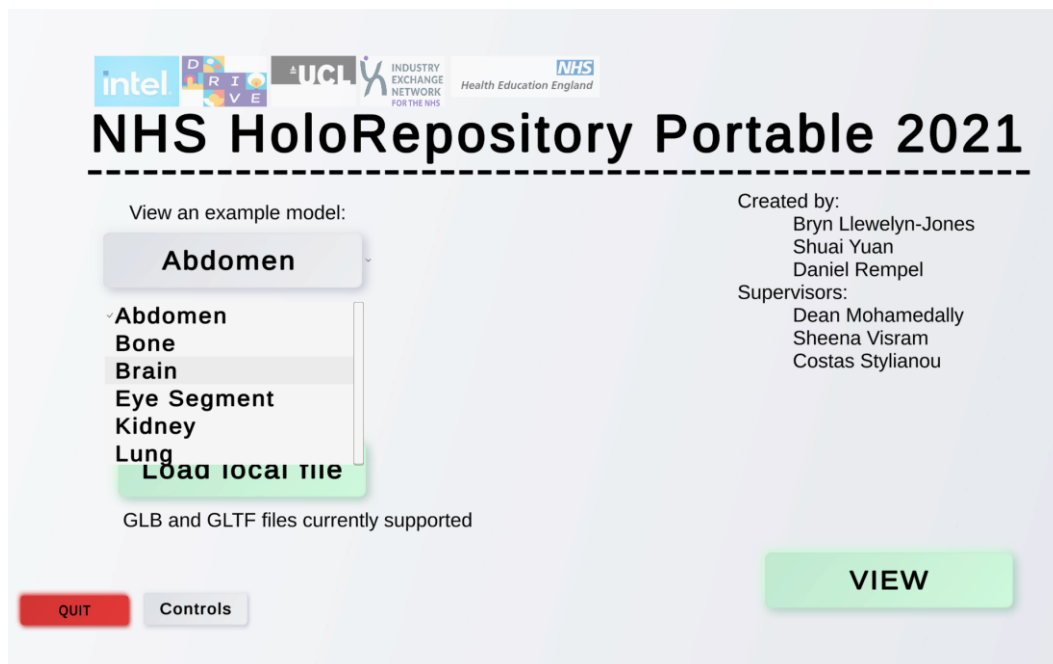# HoloRepository Portable 2021 User Manual
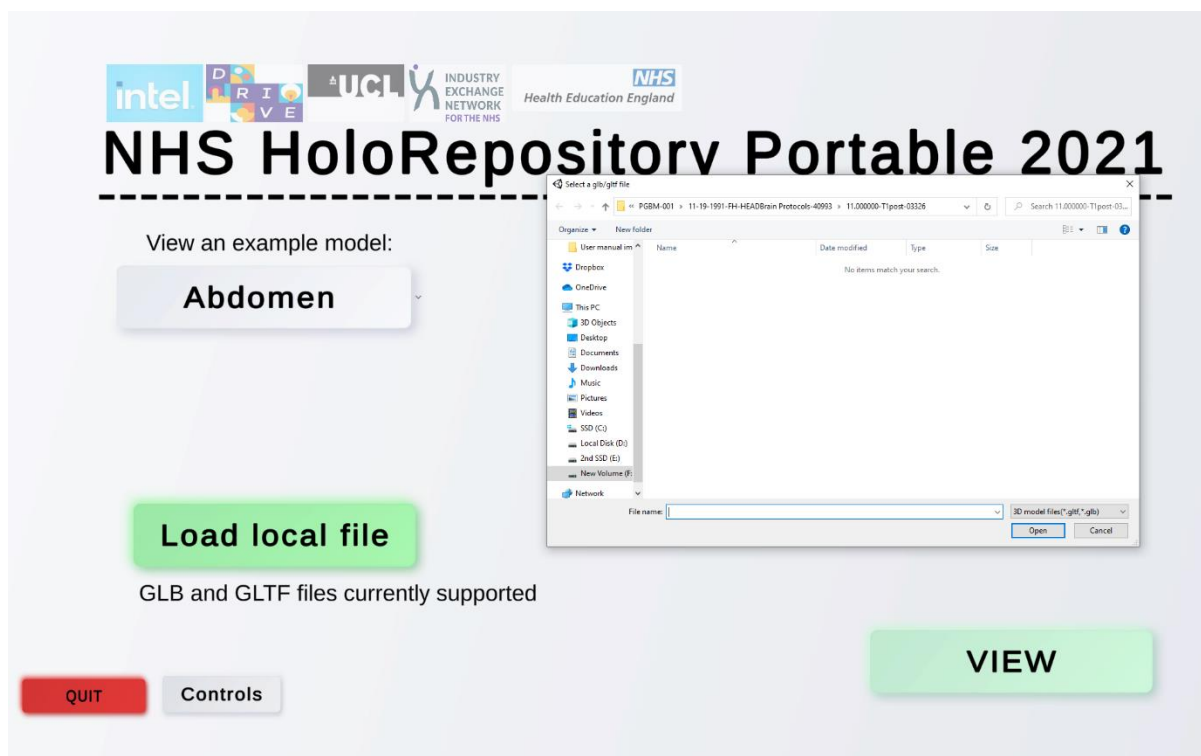
Start page. This is the first screen you're greeted with upon running the executable.
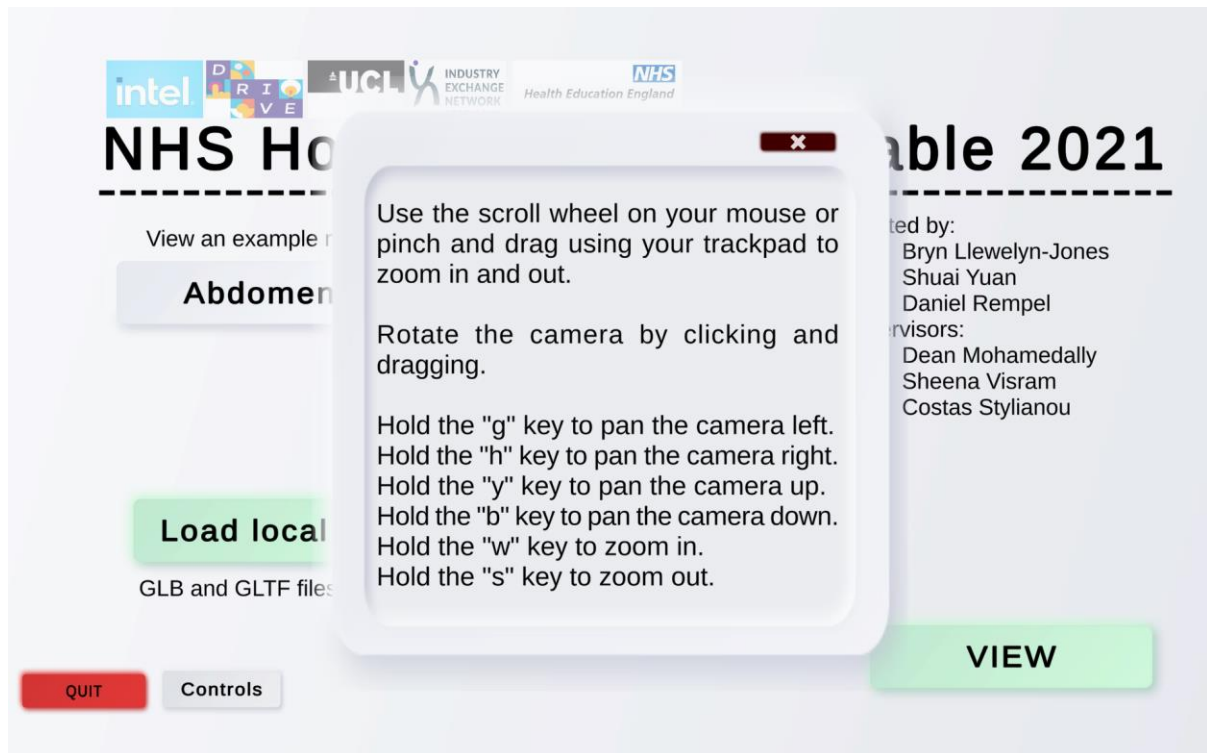
Click the button labelled "abdomen" to view a dropdown menu of all example models.
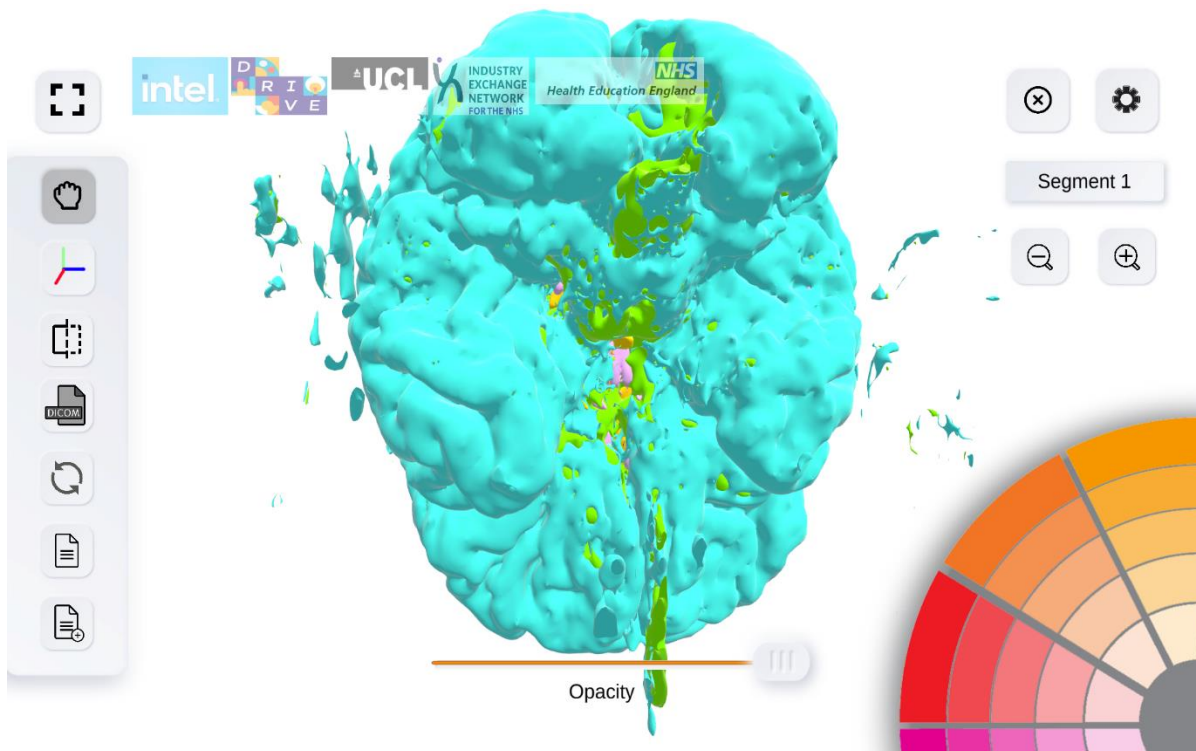

Or click "Load local file" to select a chosen glb/gltf file from local storage. In either case, click "view" to render your desired model. Click "quit" to exit the application.

Camera control details are available in the application itself by clicking the "controls" button.
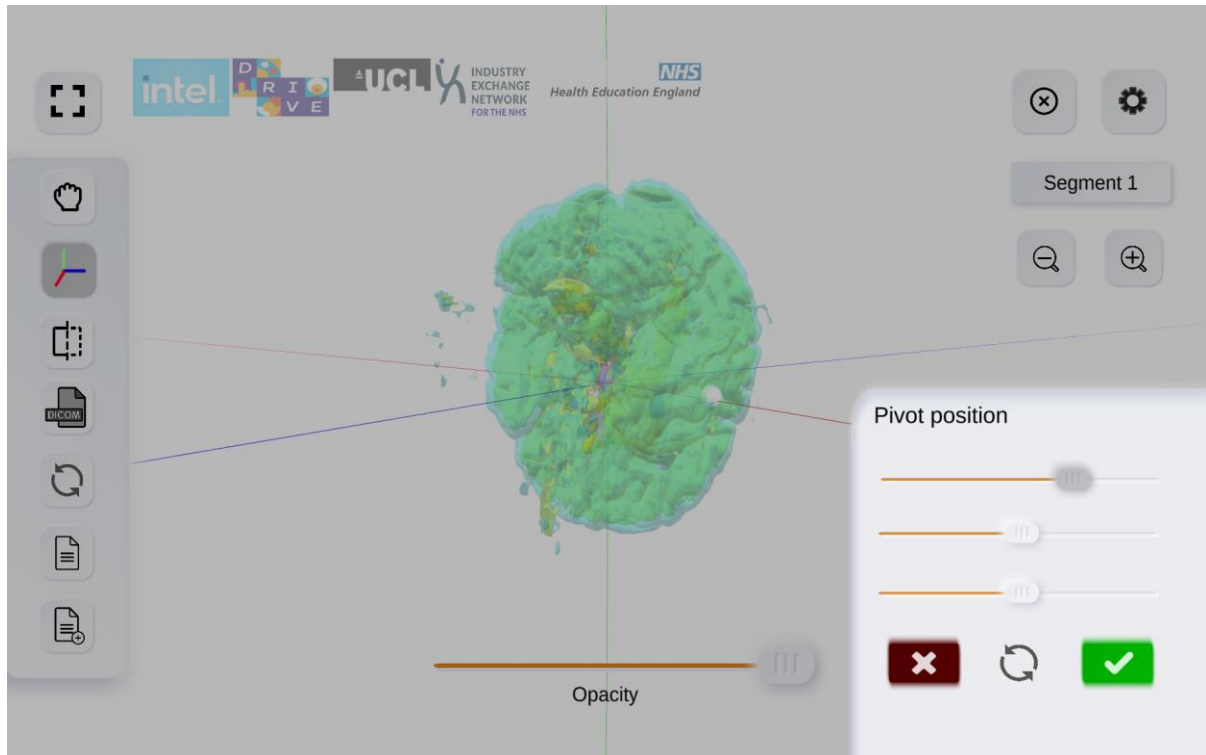
Main page. When the model is first loaded in the camera controls are enabled (as is communicated by the selected "hand grab" icon) You can reset the camera position at any time using the fifth button down in the sidebar.
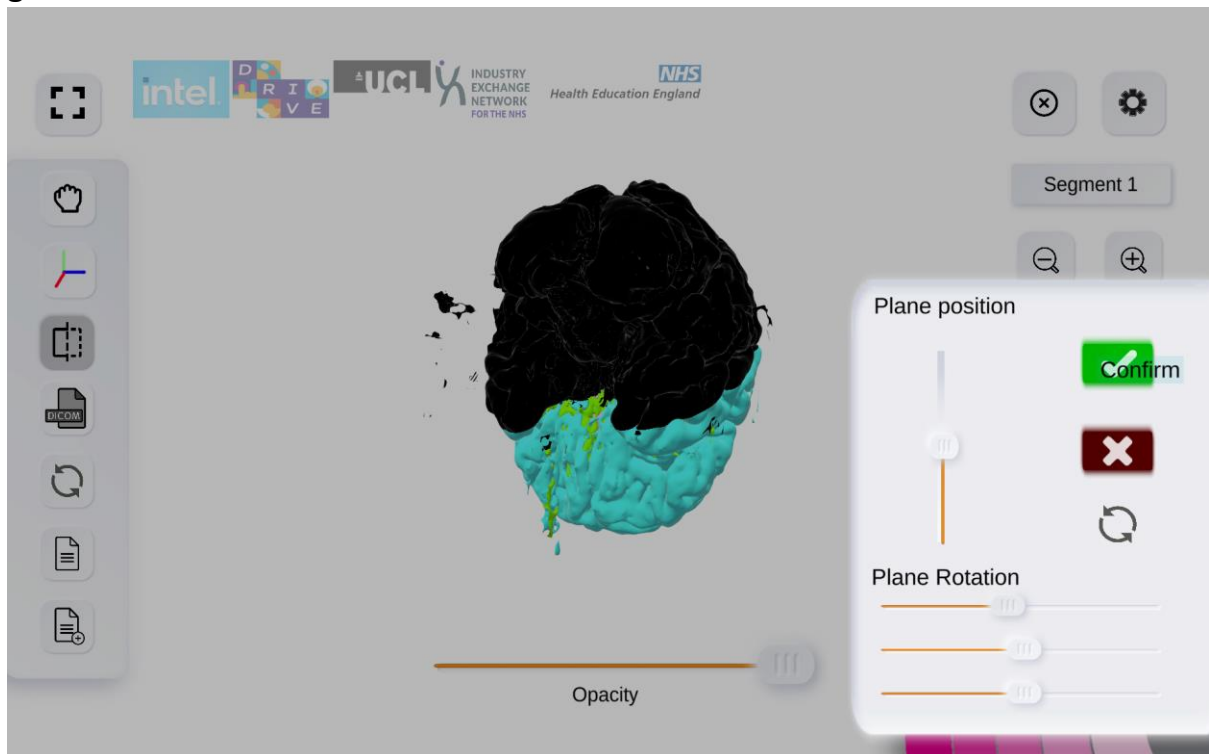

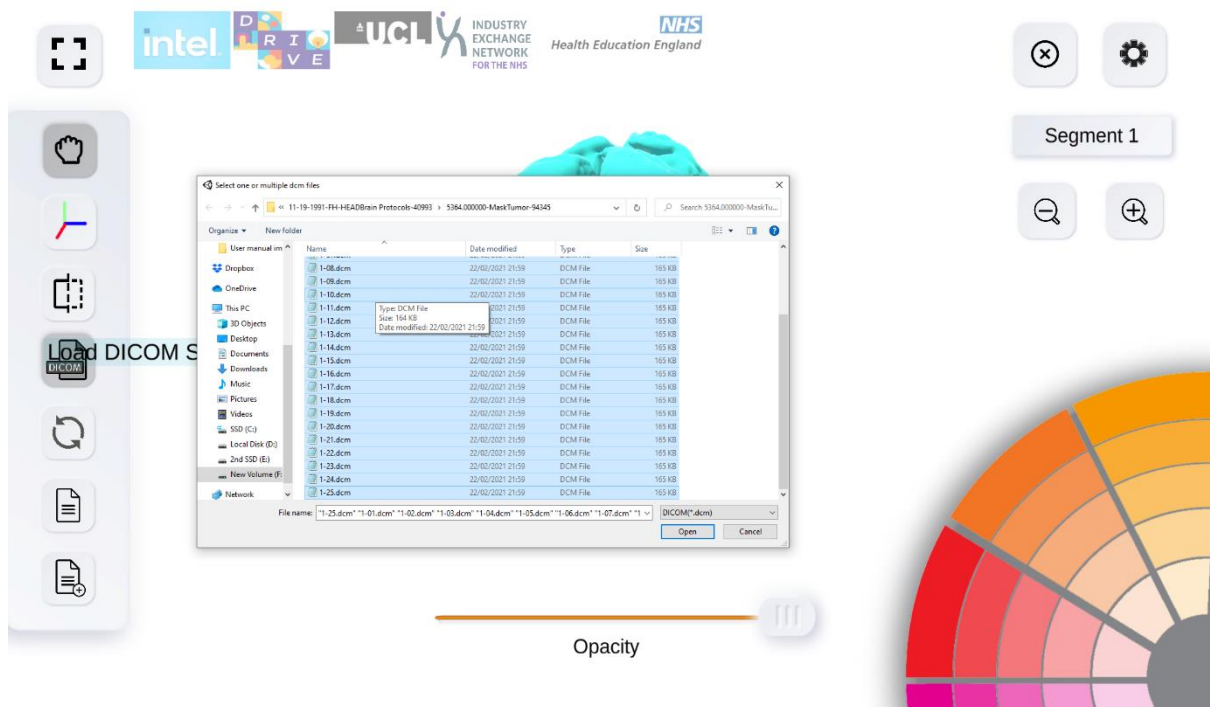You can also change the currently selected segment by clicking the button marked "Segment 1".

Click the second icon down to use the pivot controller. Adjust the position the camera is centred about using the three sliders. The top slider changes x position, the middle changes y position and the bottom changes z position.
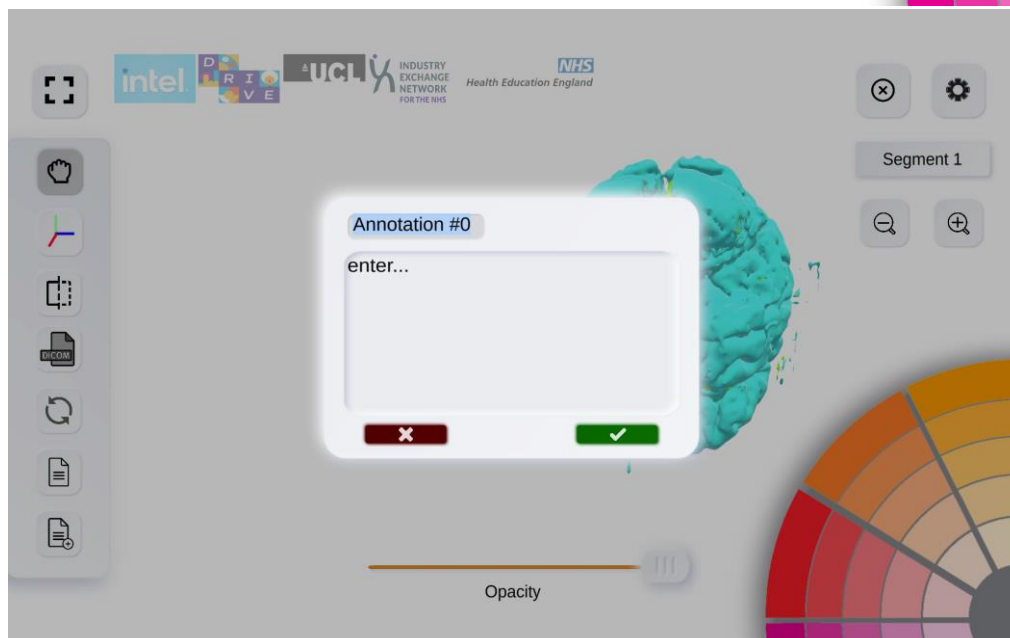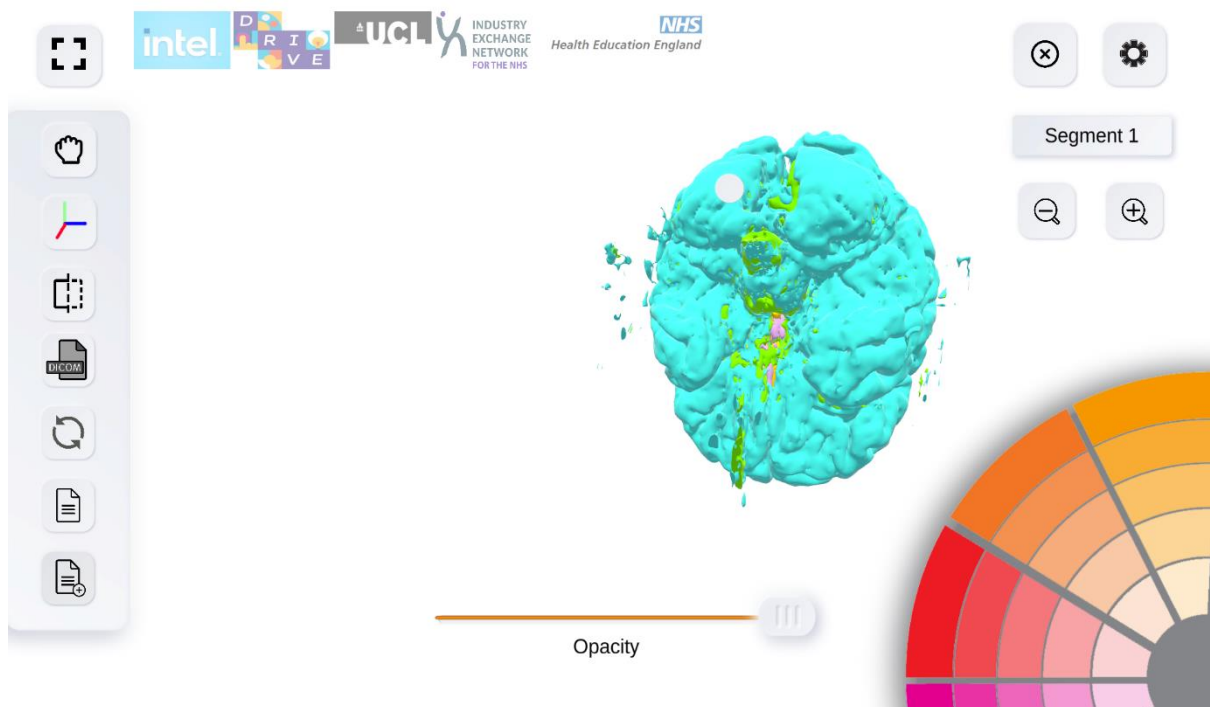
Click the third icon down to use the cross sectional viewer. Adjust the y position of a plane using the vertical slider. Adjust its rotation about the x, y and z axes using the top, middle and bottom sliders respectively. Click the green button to create a cross section.

Click the fourth button down to select a number of DICOM scans from local storage to view them in a panel alongside the model.
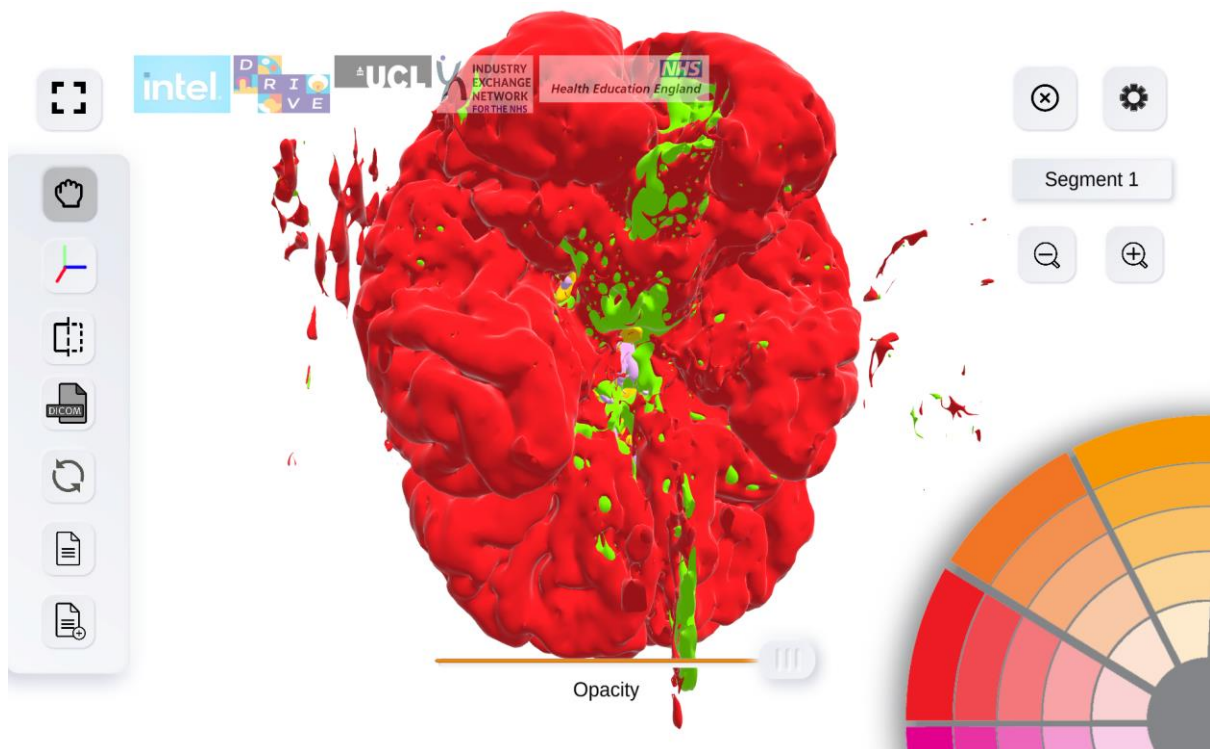
Click the last button in the sidebar to create annotations. This will display a pin for you to drag and drop onto a point of interest onto the model. You can then fill in a text box to annotate this point of interest.
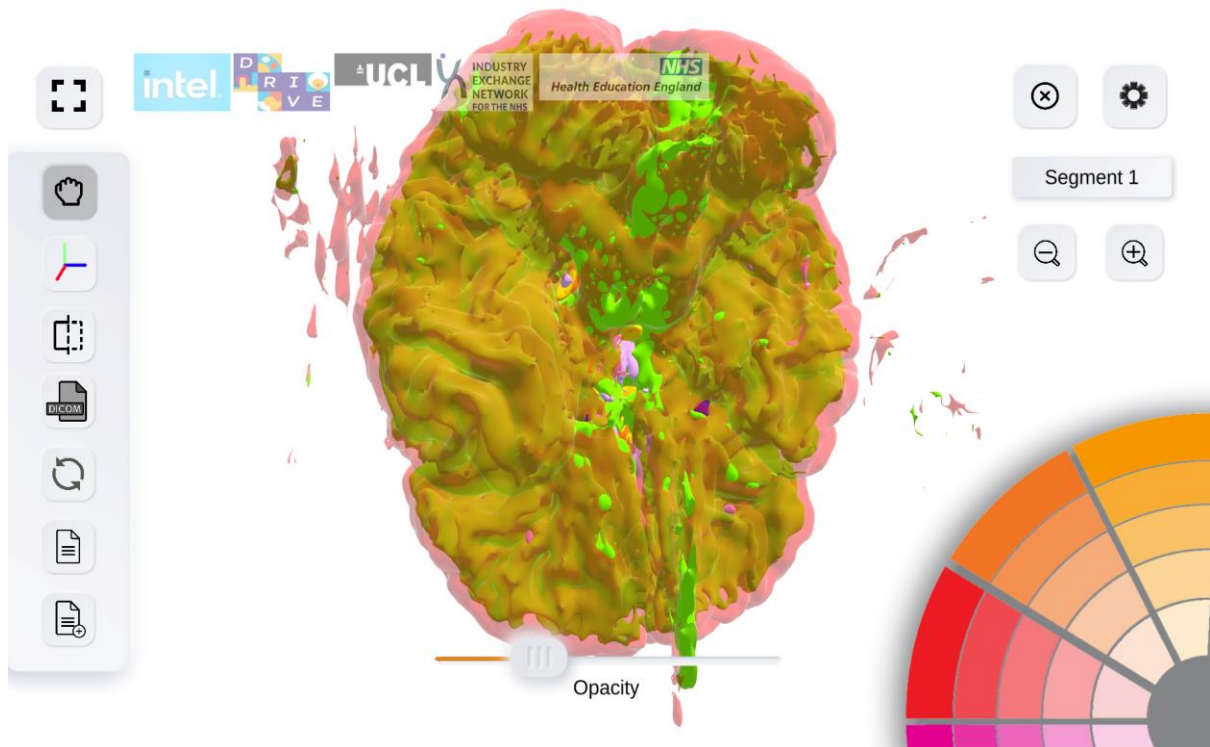
You can view any of the annotations you create by clicking the penultimate button in the sidebar and selecting any of the annotations. This will return you to the view of the model in which the annotation was created.

You can adjust the colour of the currently selected segment using the colour wheel. Click and drag the colour wheel to rotate it to select other colours

You can also adjust the opacity of the currently selected segment using the opacity slider.

You can click the settings icon to use the settings controller. Move the slider to change the background colour from white to black. Or, select one of the five toggles to enable/disable a specific component. By pressing the "x" button, you are taken back to the start page to view another example model.