

To focus on an isodose, select the isodose label. (This will also select the isodose if it is not already selected.) For both 2D views and slab images, the viewport is updated to focus on the centroid of the isodose.

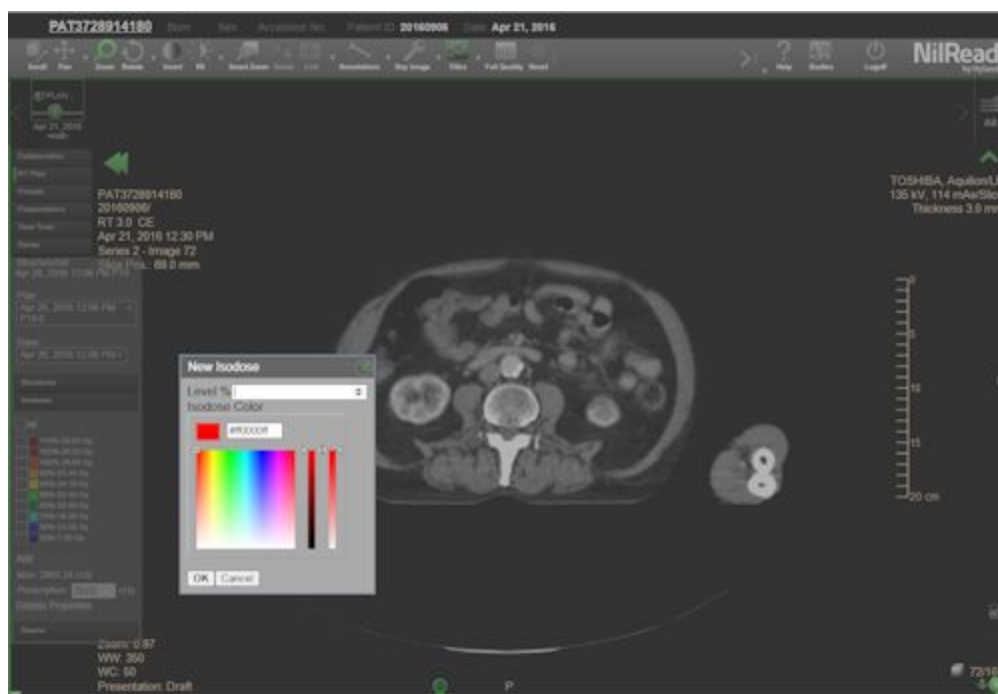


You can add an isodose level.

1. Select **Add**.



2. Enter the level (as a percentage of the prescription dose) and select a color.



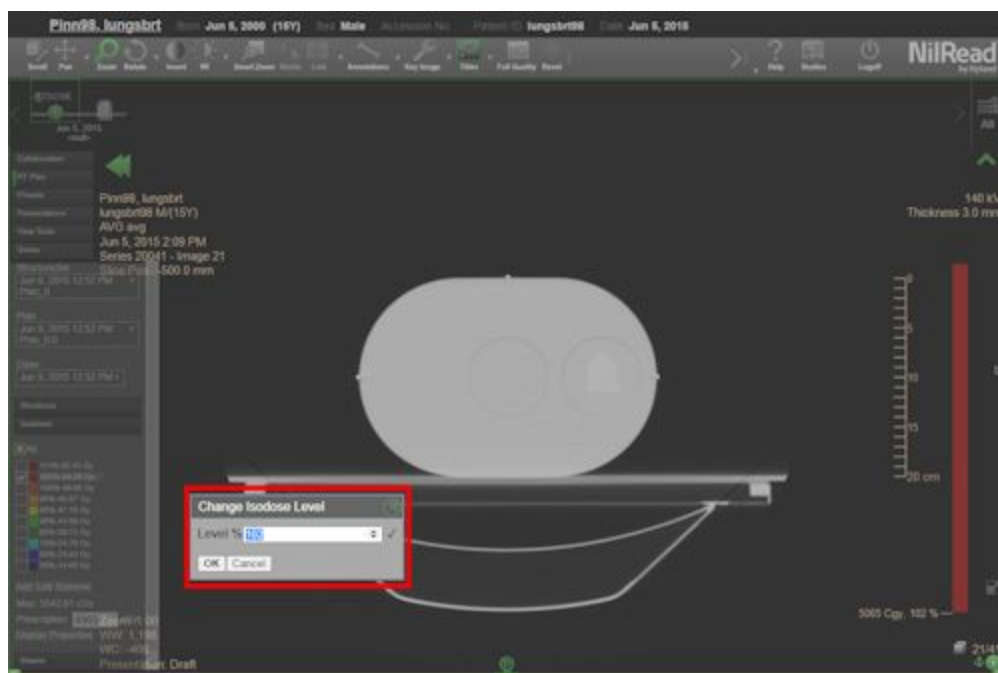
3. Select **OK**.

You can change an isodose level.

1. Select the isodose label, then select **Edit**.



2. Enter the new level (as a percentage of the prescription dose).



3. Select **OK**.

You can delete an isodose level. Select the isodose label, then select **Remove**.



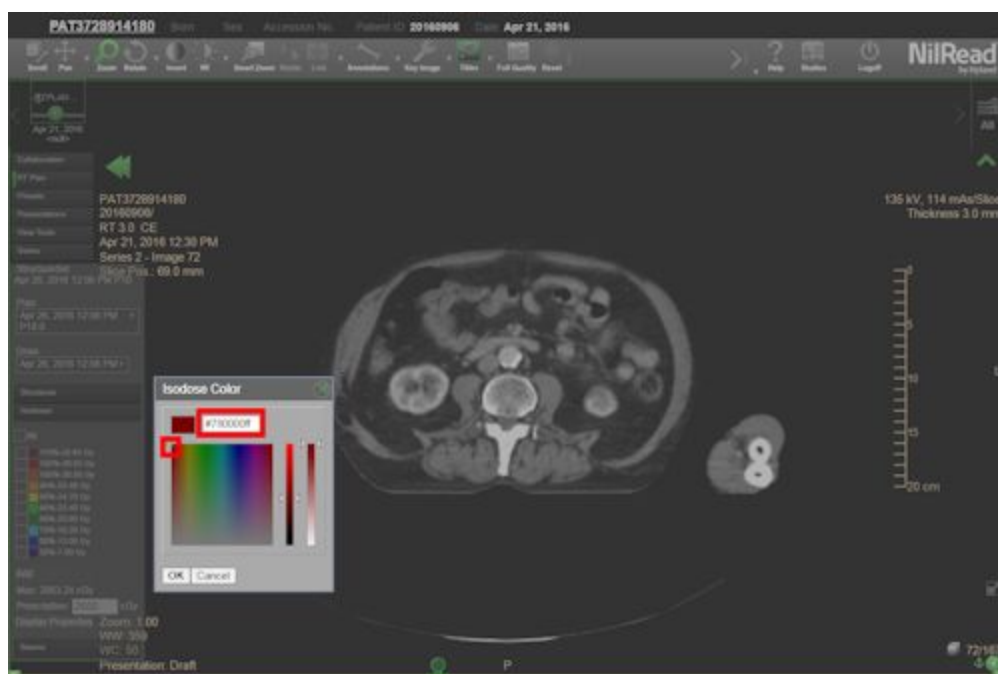
### Color options for contours and filled contours

You can change the color used to display an isodose. These changes will last until you close the study. To permanently change the display colors, use an RT template (see [Manage RT templates](#)).

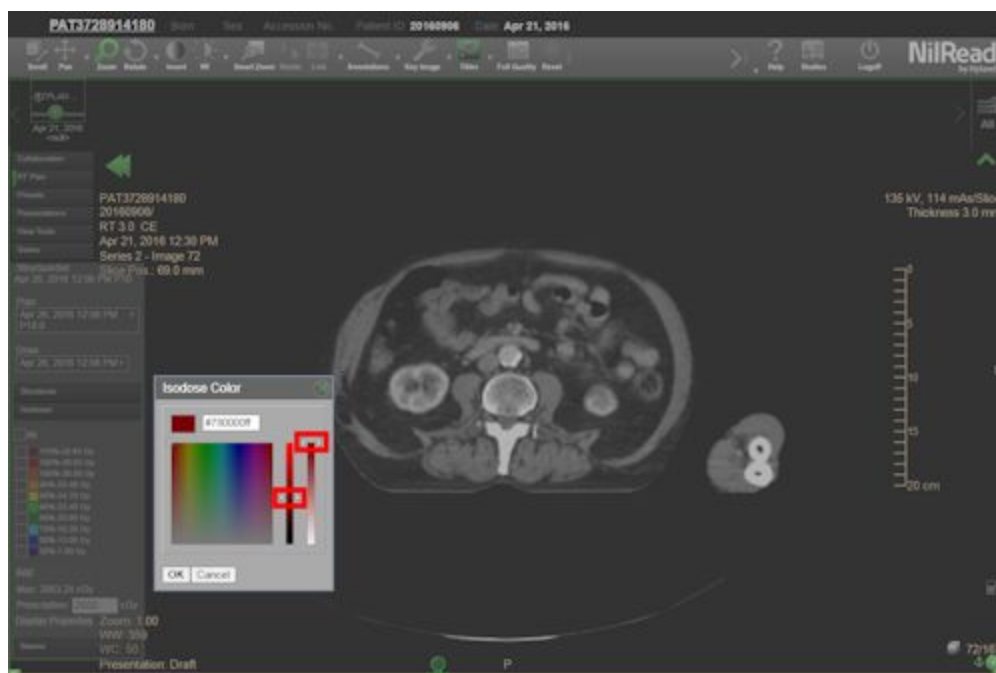
1. Click (or tap) the color box beside the isodose.



2. Select a color by entering the hexadecimal color code or using the color picker.



3. Use the sliders to adjust the color tone and opacity.



4. Select **OK**.

### Dose Colorwash and Isodose Colorwash

The colorwash modes show the original, not resampled RT dose blended with the image series. Before blending, the dose data is colored by applying a color lookup table to the dose values.

The Dose Colorwash applies the LUT to a contiguous set of dose values within a range of minimum and maximum dose values, that is a percentage of the prescription.

The Isodose Colorwash applies the LUT to isodose regions and as a result the blended image may appear pixelated depending on the resolution of the dose data.

To show the colowash dose, select **Show Dose**.



You can enter the dose range to view the affected areas.

- In the **Low** field enter the minimum value of the range you want to view.
- In the **High** field enter the maximum value of the range you want to view. If you want to set the maximum value to be equal to the maximum dose, select the **Max** option.

You can change the value of the prescription dose in the **Prescription Dose** field.

You can change the percentage of the opacity of the colorwash in the **Opacity** field.

## Beams

Select the checkbox beside the beams you want to target. The selected beams are shown.



Use the list beside a beam to select the control point you want to visualize. Note that the shape and source of the beam may change between control points.



To focus on a beam, select the beam label. (This will also select the beam if it is not already selected.) For both 2D views and slab images, the viewport is updated to focus on the location of the current beam control point.



You can display all the beams for the dose by selecting **All for Dose**.

You can specify whether the isocenter is displayed by selecting **Show Isocenter**.

### Color options

You can change the color used to display a beam. These changes will last until you close the study. To permanently change the display colors, use an RT template (see [Manage RT templates](#)).

1. Click (or tap) the color box beside the beam.



2. Select a color by entering the hexadecimal color code or using the color picker.



3. Use the sliders to adjust the color tone and opacity.
4. Select **OK**.

## About RT plans

You can view external beam radiation therapy (RT) plans using any NilRead view. There are also two specific RT views available, RT Graph and DRR.

### Note

You can use these views to create hanging protocols for RT plans. For details, see [About hanging protocols](#).

## Using the RT Graph view

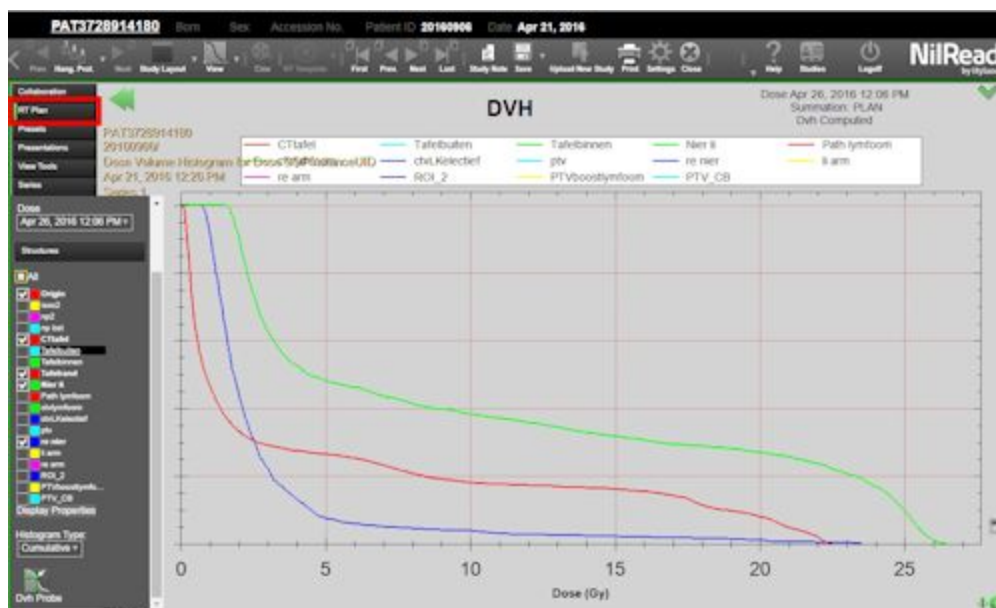
The RT Graph view includes a dose-volume histogram (DVH), representing the distribution of a dose within a structure. You can choose to view a cumulative DVH or a differential DVH. You can also select the structures to include in the histogram.

1. Select **View** (toolbar). Under **RT Views**, select **RT Graph**.

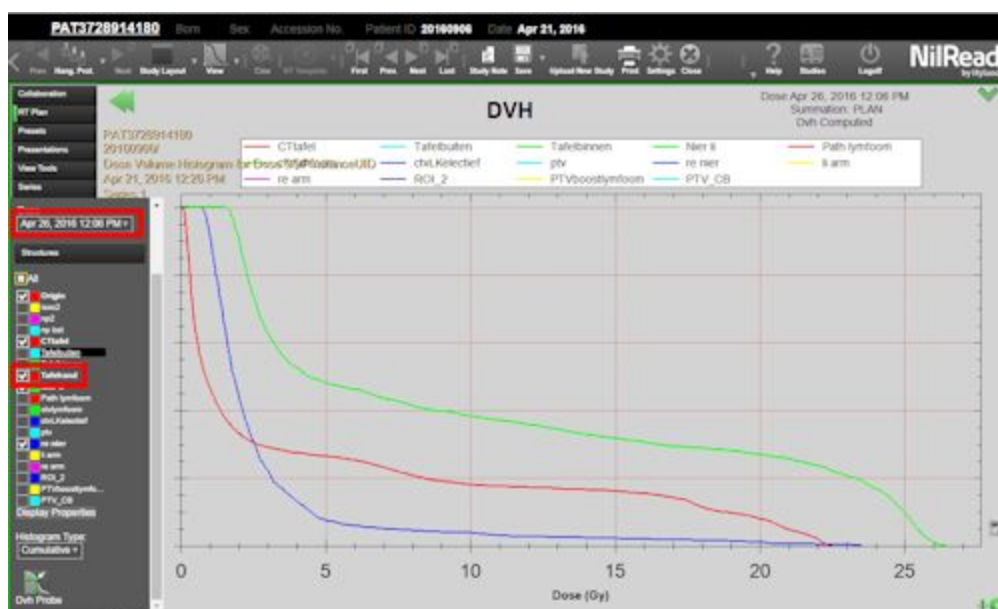
### Note

You can also use the study layout options to place the RT Graph view beside an existing view. For details, see [Arrange images](#).

2. Select **RT Plan** (side panel). The RT Plan options appear below the side panel.



3. Under **Histogram Type**, select **Cumulative** or **Differential**.
4. Select a dose, then select one or more structures.



5. Hover over a structure in the side panel to view dose statistics.



6. You can use **Zoom** (toolbar) to zoom in and out on the graph. You can also use **Pan** (toolbar) to pan the graph horizontally.

### Using the DVH Probe

You can use the **DVH Probe** to view values for a point on a curve.

1. Select **DVH Probe**.

