

The Dolphin Imaging Viewer

The Dolphin Imaging Viewer is a free, stand-alone Dolphin patient viewing program. It is designed to enable people who don't own Dolphin Imaging to view 2D images, 3D volumes, and measurement tables created in Dolphin Imaging.

The Dolphin Imaging Viewer is a view-only application. You can use it to view patient records created and shared with you by someone who owns Dolphin Imaging. You cannot use it to create patient records or make changes to patient information that has been shared with you.

Downloading, Installing, and Starting the Viewer

- 1 Go to www.dolphinimaging.com/viewer.
- 2 Click the download link.
- 3 Launch the installer, and follow the prompts to install the viewer.
- 4 Click  on your desktop to start the viewer.

Opening Patient Records

A Dolphin Imaging user can share patient records by:

- giving you a Dolphin Imaging patient archive consisting of two files, a .DAZ file and a .ZIP file
- sharing a patient archive on AnywhereDolphin

To open a .DAZ/.ZIP file pair:

- 1 Click .
- 2 Select the .DAZ file, and click **Open**.

To download a patient archive from AnywhereDolphin:

- 1 Click .
- 2 Enter your AnywhereDolphin user name and password. Then, click **Ok**.
- 3 Select the folder on your computer where you want to save the patient archive.
- 4 Select a patient archive to download it.

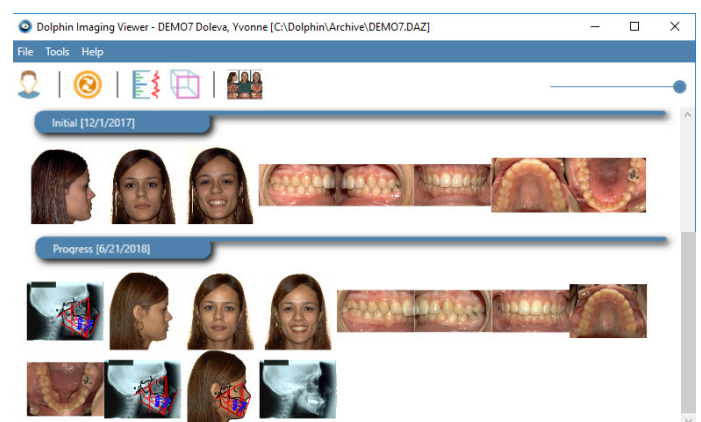
Once you have downloaded a patient's record, you can later open it from your computer without downloading it again.

To open a recently viewed patient record:

- 1 Select **Recent Patients** from the **File** menu.
- 2 Select the patient whose record you want to view.

Viewing 2D Patient Images

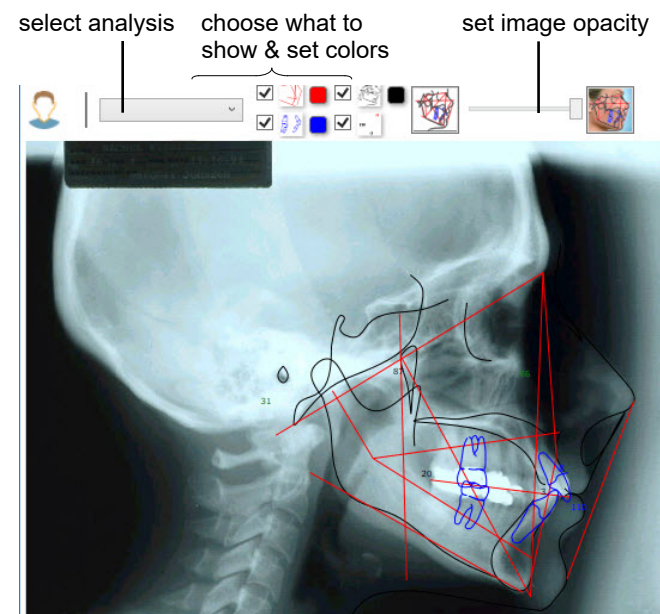
The viewer groups images using timepoints, which represent office visits or treatment milestones. The patient record below has two timepoints: "Initial [12/1/2017]" and "Progress [6/21/2018]".



Click  to change the arrangement of the thumbnails.

Click an image to enlarge it to fill the window. Click again to return to the thumbnail view.

The viewer options below appear for images with cephalometric data.



Viewing Measurements Tables

- 1 Click  to view a measurements table.

Color coding indicates deviation from the norm.

select timepoint, image, and analysis

Yvonne Doleva ID: DEMO7
Female DOB: 6/11/1976
Dolphin Imaging Sample Patient.

Timepoint: (DS-300) Final [10/21/1997]
Image: Digitized Lateral Ceph
Analysis: Alabama

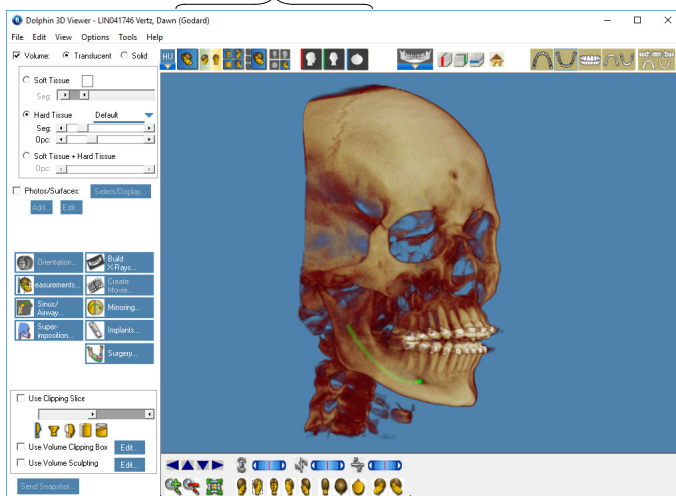
Dev. Norm: ☐ Standard ☒ Polygon/Wiggle-gram

Group/Meas	Value	Norm	Std/Dev	Dev Norm
SNA (°)	78.2	82.0	3.5	
SNB (°)	71.7	80.9	3.4	
ANB (°)	6.4	1.6	1.5	
Facial Plane to SN (SN-NPog) (°)	71.7	80.8	4.0	
Y-Axis (Sgn-SN) (°)	73.7	67.0	5.5	
MP - SN (°)	45.5	33.0	6.0	
Occ Plane to SN (°)	23.0	14.4	2.5	
Occ Plane to A-B (°)	81.8	92.0	4.0	

Viewing a 3D Volume

- 1 Click , then click the volume you want to view.

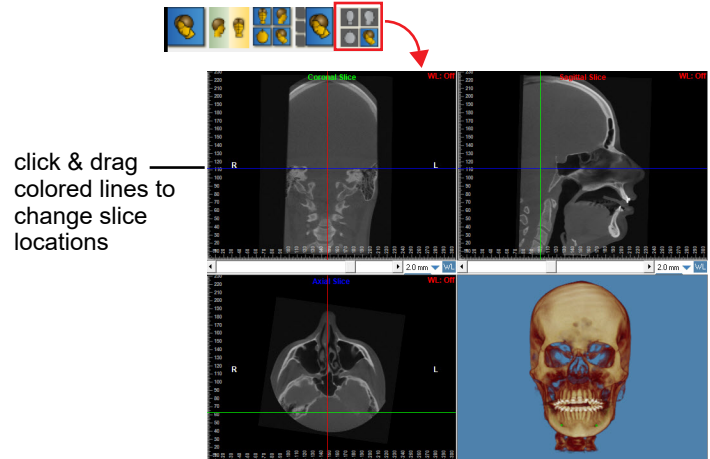
pick the view:
volume, slice, or combination



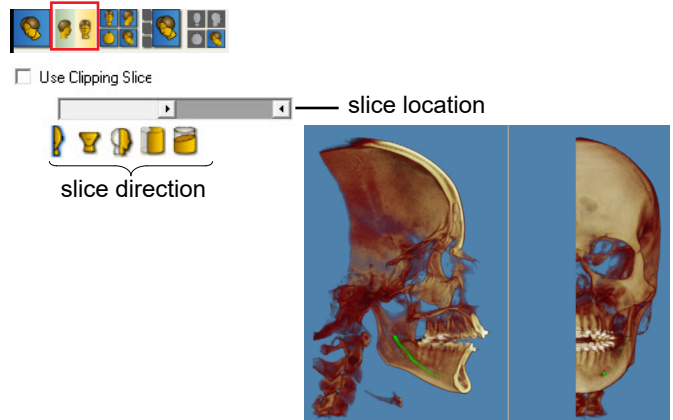
move, magnify, or rotate

The viewer offers many options for viewing the full volume and and/or slices (cross-sections) of the volume.

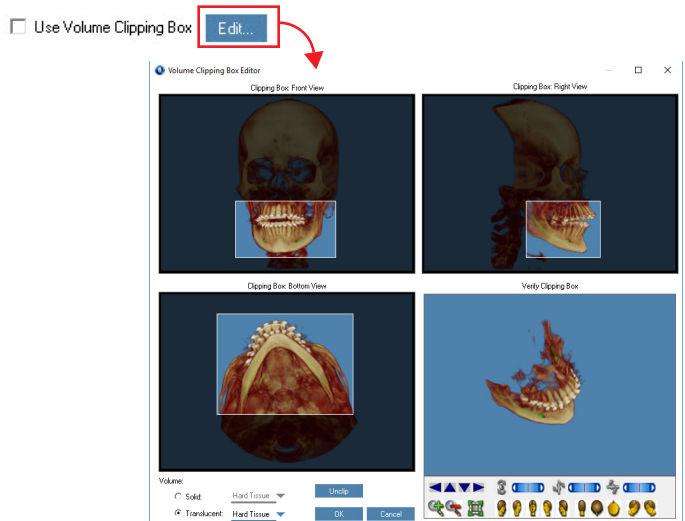
On slice views, color-coded lines indicate the slice locations (red = sagittal, green = coronal, blue = axial). Click and drag these lines to view different slices.



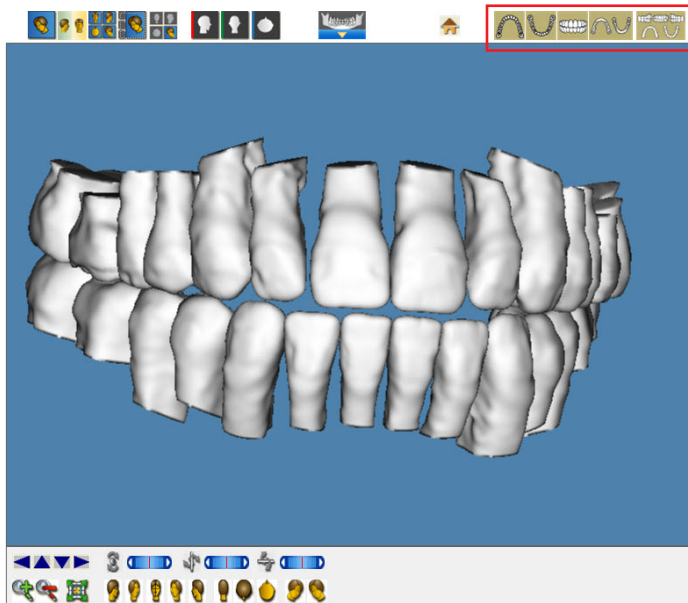
Clipping slices show a different type of cross-section view.



Clipping boxes are like 3D clipping slices that you can use to focus on a specific area within the volume.



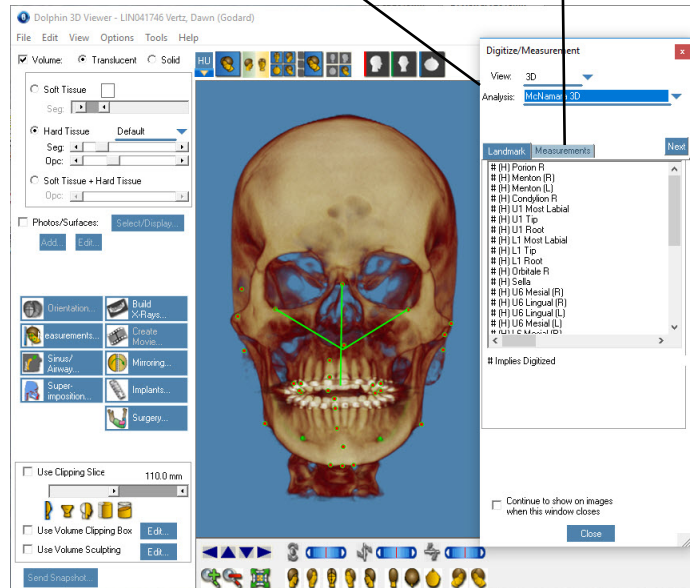
If the patient's record includes 3D scans of study models, you can see several views of them.



Click  **Measurements...** to see landmarks digitized on the volume and a table of measurements.

Select the view and analysis

Click to see measurements



You can also view any x-rays generated from the volume.

For quick access to the x-ray views, click  Click

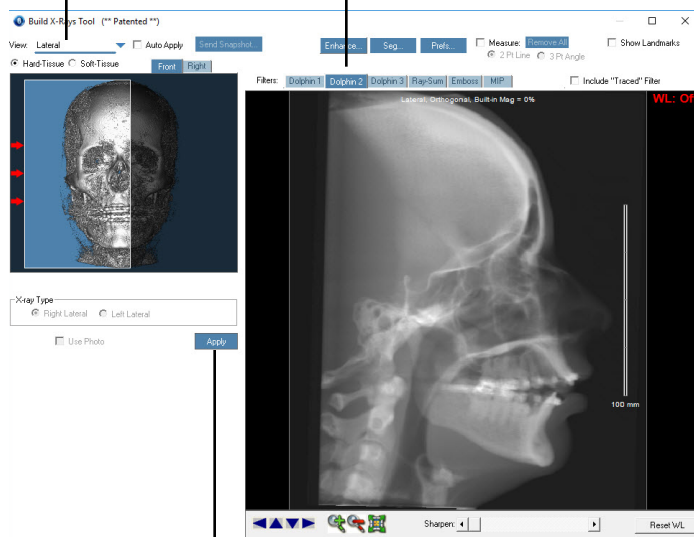
 **Build X-Rays...** for additional viewing options (see below).

If the patient's airway volume was calculated, click

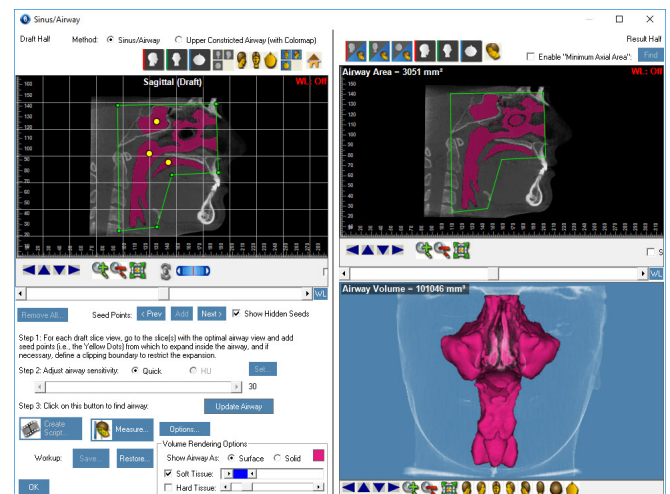
 **Sinus/Airway...** to see it.

1 Select an x-ray view

3 Select a filter tab

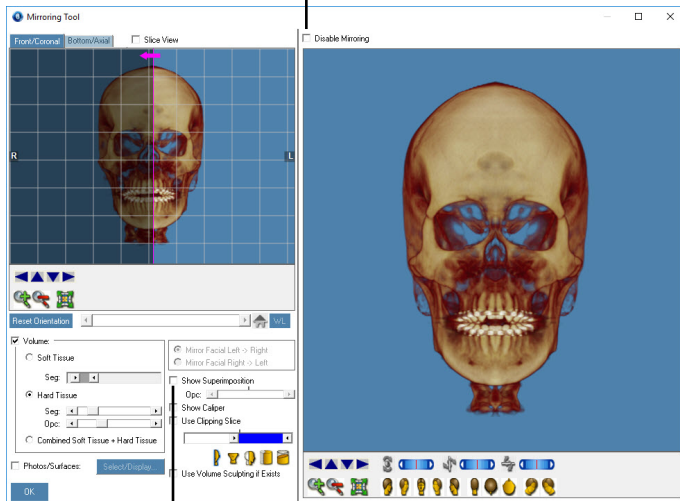


2 Click Apply



Click  **Mirroring...** to mirror one side of a patient on the other side, and either overlay the original or replace it. This is useful for analyzing asymmetries and for working with trauma patients who are missing some anatomy on one side.

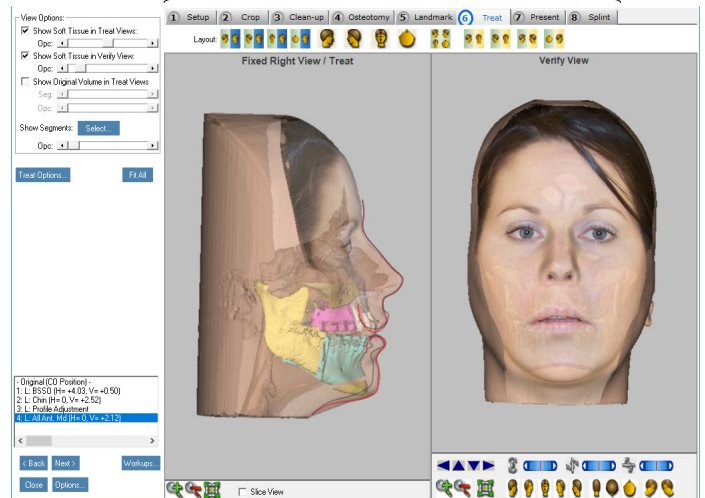
Check this box to view the original image



Check this box to overlay the mirror image on the original

If one or more 3D surgical work-ups were created for the patient, click  **Surgery...**, then select **Restore Last Saved Workup...** to see the most recently saved workup.

Click a tab to view a different step in the surgical treatment planning process



If implants were added for the patient, click  **Implants...** to view them.

