Congratulations on your purchase of The KODAK Dental Imaging Software. Thank you for your confidence in our products and we will do all in our power to ensure your complete satisfaction.

The KODAK Dental Imaging Software Quick Guide enables you to familiarize yourself quickly with the basic use of your dental imaging software. This Quick Guide includes information on and basic use of the KODAK Dental Imaging Software.

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Contents

1—ABOUT THIS GUIDE
Conventions in This Guide ................................................................. 1–1

2—IMAGING SOFTWARE OVERVIEW
PC System Requirements ................................................................. 2–1
Kodak Dental Imaging Software Overview ........................................... 2–2
  Patient Window Overview ........................................................ 2–3
  Imaging Window Overview .......................................................... 2–5
  3D Imaging Windows Overview ...................................................... 2–9

3—GETTING STARTED
Starting the KODAK Dental Imaging Software .................................... 3–1
Managing Patient Record .............................................................. 3–2
  Creating a Patient Record ......................................................... 3–2
  Finding a Patient Record .......................................................... 3–3
  Modifying a Patient Record ....................................................... 3–3
  Deleting a Patient Record ........................................................ 3–4
  Exiting the Patient Window ....................................................... 3–4
Managing a 2D Image ................................................................. 3–5
  Opening an Image ................................................................ 3–5
  Resizing an image .................................................................... 3–6
  Saving an Image ..................................................................... 3–6
  Printing an Image .................................................................... 3–7
  Exiting the Imaging Window ...................................................... 3–7
Managing a 3D Image ................................................................. 3–8
  Opening an Image ................................................................. 3–8
  Moving Cut Planes ................................................................ 3–9
  Adjusting the Contrast and the Brightness .................................. 3–10
  Viewing the 3D Scene .............................................................. 3–11
  Adjusting the Slice Thickness .................................................... 3–12
  Viewing a Set of Slices ............................................................. 3–13
  Measuring the Length .............................................................. 3–14
  Creating a Curve Slice ............................................................. 3–15
  Identifying Nerve Canals .......................................................... 3–16
  Positioning an Implant ............................................................ 3–17
Chapter 1
ABOUT THIS GUIDE

Conventions in This Guide

The following messages emphasize information or indicate potential risk to personnel or equipment.

**WARNING**
Warns you to avoid injury to yourself or others by precisely following the safety instructions.

**CAUTION**
Alerts you to a condition that might cause serious damage.

**IMPORTANT**
Alerts you to a condition that might cause problems.

**NOTE**
Emphasizes important information.

**TIP**
Provides extra information and hints.
Conventions in This Guide
Chapter 2
IMAGING SOFTWARE OVERVIEW

PC System Requirements

This section specifies the minimum PC system requirements for Kodak dental imaging software.

**IMPORTANT**

It is MANDATORY to check that the PC system configuration is compatible with the PC system requirements for the Kodak dental imaging software. If necessary you MUST update your PC system configuration. DO NOT place the PC and the peripheral equipment connected to it in the immediate vicinity of the patient in the unit. Leave at least 1.5 m distance from the unit. The PC and the peripheral equipment must conform to the IEC 60950 standard.

The minimum configuration can change depending on your device. See the corresponding installation manuals.

### Table 2–1 Minimum PC System Requirements

<table>
<thead>
<tr>
<th>Item</th>
<th>2D Imaging</th>
<th>3D Imaging</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>1 GHz Intel or equivalent</td>
<td>2 GHz Intel Duo Core</td>
<td></td>
</tr>
<tr>
<td>RAM</td>
<td>• 256 MB (512 MB recommended)</td>
<td>• 40 GB free space (80 GB recommended)</td>
<td>2 GB RAM has a major impact on system performance.</td>
</tr>
<tr>
<td>Hard disk drive</td>
<td>1.2 GB for software installation</td>
<td>80 GB free space to use the software</td>
<td></td>
</tr>
<tr>
<td>Graphic board</td>
<td>32 MB</td>
<td>Nvidia / ATI based board supporting Open Glide 1.2 with 256 MB of video RAM on AGP x8 video bus (example: Nvidia GeForce 6800 GT)</td>
<td>The video RAM has a major impact on system performance.</td>
</tr>
<tr>
<td>Monitor</td>
<td>• 1 monitor</td>
<td>• 1 monitor</td>
<td>Your monitor is a vital component in displaying quality images. Low-quality screens will prevent you from proper diagnoses and treatment.</td>
</tr>
<tr>
<td></td>
<td>• 17” or larger</td>
<td>• 17” or larger</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 1024 x 768 minimum screen resolution - 32 bits color mode</td>
<td>• 1024 x 768 minimum screen resolution - 32 bits color mode</td>
<td></td>
</tr>
<tr>
<td>Operating system</td>
<td>• Windows 2000 SP4</td>
<td>• Windows 2000 SP4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Windows XP Home / Pro edition SP2</td>
<td>• Windows XP Home / Pro edition SP2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Windows server 2003</td>
<td>• Windows server 2003</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Vista 32 bits (Home Premium, Business, Ultimate Editions)</td>
<td>• Vista 32 bits (Home Premium, Business, Ultimate Editions)</td>
<td></td>
</tr>
<tr>
<td>Ethernet interface</td>
<td>NA</td>
<td>1 Ethernet interface</td>
<td></td>
</tr>
<tr>
<td>CD/DVD drive</td>
<td>A CD-ROM drive is required to install the product.</td>
<td>A CD-ROM drive is required to install the product.</td>
<td></td>
</tr>
</tbody>
</table>
Kodak Dental Imaging Software Overview

The Kodak dental imaging software is a user-friendly working interface that was designed and developed specifically for radiological diagnosis. It is the common imaging platform for all our digital systems for dentistry.

The Kodak dental imaging software has the following features:

- Patient record management using Patient Window features
- Extraoral and intraoral image management using Imaging Window features
- 3D image management using 3D Imaging Window features

NOTE
If you access the Imaging Window directly from your patient management software, you will not see the Patient Window.

Table 2–1 Minimum PC System Requirements (Continued)

<table>
<thead>
<tr>
<th>Item</th>
<th>2D Imaging</th>
<th>3D Imaging</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Backup Media</td>
<td>Removable/portable, external hard disk drive</td>
<td>Removable/portable, external hard disk drive</td>
<td>We strongly recommend a daily backup of x-ray images and patient records.</td>
</tr>
</tbody>
</table>

- **NOTE**
- **Patient Window**
- **Imaging Window**
- **3D Imaging Window**
Patient Window Overview

The **Patient Window** is the first window that appears when you launch the Kodak dental imaging software. This window is the main interface that provides you with all the patient record functions.

![Patient Window](image)

1. **Title Bar**: Displays:
   - Software name
   - Software version
   - Practitioner name

2. **Menu Bar**: Provides access to the following functions:
   - **New**: Creates a new patient record
   - **Find**: Finds a patient record
   - **Modify**: Modifies a patient record
   - **Delete**: Deletes a patient record
   - **Imaging**: Accesses the Imaging window
   - **Exit**: Exits the Patient window

3. **Toolbar**: Provides quick access to the associated menu functions:

<table>
<thead>
<tr>
<th>Menu</th>
<th>Submenu</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient</td>
<td>New</td>
<td>Creates a new patient record</td>
</tr>
<tr>
<td></td>
<td>Find</td>
<td>Finds a patient record</td>
</tr>
<tr>
<td></td>
<td>Modify</td>
<td>Modifies a patient record</td>
</tr>
<tr>
<td></td>
<td>Delete</td>
<td>Deletes a patient record</td>
</tr>
<tr>
<td></td>
<td>Imaging</td>
<td>Accesses the Imaging window</td>
</tr>
<tr>
<td></td>
<td>Exit</td>
<td>Exits the Patient window</td>
</tr>
<tr>
<td>Function</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Picture</td>
<td>Insert picture Inserts the patient picture</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Remove picture Removes the patient picture</td>
<td></td>
</tr>
<tr>
<td>Utilities</td>
<td>Reindex Regenerates the index table</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Archival... Archives images before the given date</td>
<td></td>
</tr>
<tr>
<td>Options</td>
<td>Preferences... Configures the language and the database location</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Toolbar Hides or shows the toolbar</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Help topics Displays the online contextual help</td>
<td></td>
</tr>
<tr>
<td></td>
<td>About... Lists the following information:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Software version</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Copyright</td>
<td></td>
</tr>
</tbody>
</table>

4 Patient photograph if available.

5 **Patient Record Pane**: Patient information, which you must enter in each field.

**NOTE**
For information and procedures on how to use these functions, on the menu bar click ? to access the online help.
Imaging Window Overview

The Imaging Window is the main imaging interface that provides you with the imaging functions.

Figure 2–2  Imaging Window

1 Title Bar: Displays:
   - Software name
   - Software version
   - Practitioner name
   - Patient name

2 Menu Bar: Provides access to the following functions:

<table>
<thead>
<tr>
<th>Menu</th>
<th>Submenu</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>File</td>
<td>New RVG image</td>
<td>Acquires an RVG image</td>
</tr>
<tr>
<td></td>
<td>New panoramic image</td>
<td>Accesses the Acquisition Window for a panoramic image</td>
</tr>
<tr>
<td></td>
<td>New Ceph image</td>
<td>Accesses the Acquisition Window for a cephalometric image</td>
</tr>
<tr>
<td></td>
<td>New 3D image</td>
<td>Accesses the Acquisition Window for a 3D image</td>
</tr>
<tr>
<td></td>
<td>New intraoral camera</td>
<td>Acquires an intraoral image</td>
</tr>
</tbody>
</table>

3 Toolbar: Provides quick access to the following menu functions:
New CR image  Accesses the **Acquisition Window** for a CR image

History Open  Opens the patient history record with image files

Save  Saves the image

Close  Closes the selected image

Delete  Deletes the selected image from the patient history record

Print  Prints the selected image

Print Setup  Sets up the printing parameters

Slide Show  Displays a set of images in a particular sequence

Report  Creates customized letters

Word Report  Creates a report template or edits a report

Import image file  Imports images from a selected folder

Import digital camera  Imports images acquired with a digital camera

DICOMDIR  Imports/Exports DICOM images in DICOMDIR file format

TWAIN  Acquires images from a TWAIN compatible source

Copy  Copies the selected image to the clipboard

Paste  Pastes the selected image

Send to  Sends the selected image in an e-mail message or to a selected folder

Send FMS to  Sends FMS either in an e-mail message or to a selected folder

Send viewer  Sends the 2D viewer in an e-mail message

Exit  Exits the Imaging Window

Context  Save context  Saves the current image display in a single reusable file

Open context  Opens an existing context file

Print context  Prints the current image display

Format  Manual format  Displays images in the default display format

Operative radiology  Displays 4 vertical images simultaneously
<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comparison</td>
<td>Displays 2 vertical images that cannot be rotated</td>
</tr>
<tr>
<td>Use an FMS</td>
<td>Displays different FMS formats</td>
</tr>
<tr>
<td>Create</td>
<td>Launches the FMS editor to create FMS formats</td>
</tr>
<tr>
<td>Modify</td>
<td>Modifies an existing FMS format</td>
</tr>
<tr>
<td>Delete</td>
<td>Deletes an existing FMS format</td>
</tr>
<tr>
<td>TUV (German standards)</td>
<td>Monitors the test pattern defined in the DIN6868-57 standard</td>
</tr>
<tr>
<td>Intra-oral certification</td>
<td>Certifies the intraoral equipment</td>
</tr>
<tr>
<td>Panoramic certification</td>
<td>Certifies the panoramic equipment</td>
</tr>
<tr>
<td>Cephalometric certification</td>
<td>Certifies the cephalometric equipment</td>
</tr>
<tr>
<td>Intra-oral constancy test</td>
<td>Tests the intraoral equipment</td>
</tr>
<tr>
<td>Panoramic constancy test</td>
<td>Tests the panoramic equipment</td>
</tr>
<tr>
<td>Cephalometric constancy test</td>
<td>Tests the cephalometric equipment</td>
</tr>
<tr>
<td>Options</td>
<td>Preferences Customizes specific preferences, such as, interface and online help languages, practitioner name, image preferences and so on.</td>
</tr>
<tr>
<td>Advanced options</td>
<td>Enters acquisition location data information</td>
</tr>
<tr>
<td>Video settings</td>
<td>Customizes video setting preferences</td>
</tr>
<tr>
<td>Test pattern</td>
<td>Displays the test pattern image for screen calibration</td>
</tr>
<tr>
<td>Customized</td>
<td>Customizes contextual toolbars</td>
</tr>
<tr>
<td>Window</td>
<td>Clear screen Closes all open images</td>
</tr>
<tr>
<td>Rearrange screen</td>
<td>Rearranges by default the displayed content of the screen</td>
</tr>
<tr>
<td>Iconize all</td>
<td>Reduces images to icons</td>
</tr>
<tr>
<td>Tools default position</td>
<td>Positions the imaging toolbar, control panel and dental arch in the default position</td>
</tr>
<tr>
<td>Help topics...</td>
<td>Displays the online contextual help</td>
</tr>
<tr>
<td>---------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>Tooltips</td>
<td>Displays, if checked, the name of the icon when the cursor points at it</td>
</tr>
<tr>
<td>Install masking files</td>
<td>Installs the masking files for the panoramic and the cephalometric, if the files were not installed initially</td>
</tr>
<tr>
<td>License...</td>
<td>Displays License information</td>
</tr>
<tr>
<td>About...</td>
<td>Displays Kodak dental imaging software version information</td>
</tr>
</tbody>
</table>

4 **Dental Arch Pane:** Displays the existing teeth images of the patient dental arch. To open different history types to access patient images:
- Click P for a display of all the panoramic images reduced history.
- Click F for a display of all the FMS reduced history.
- Click C for a display of the cephalometric images reduced history.
- Click to access the Patient History dialog box.
- Click a tooth to display the associated images.

5 **Control Panel:** Adjusts and enhances certain zones of the image for a clearer display.

6 **Image Windows:** Depending on the image type, the title bar displays different information.

7 **Contextual Toolbar:** The toolbar type depends on the image type context. You can reposition the toolbar.

**NOTE**
For information and procedures on how to use these functions, on the menu bar click ? to access the online help.
3D Imaging Windows Overview

The 3D Imaging Windows are the main imaging interfaces that provide you with the 3D imaging functions.

Figure 2–3  3D Home Page Window

1. **Title Bar**: Displays the software name and version.
2. **Window Tabs**: Provide access to the indicated windows.
3. **General Information**: Displays the 3D image acquisition information.
4. **Context**: Enables you to manage the patient 3D image analyses files.
   - Click ![image](image1.png) to create a new analyses file.
   - Click ![image](image2.png) to delete an analyses file.
   - Click ![image](image3.png) to edit an analyses file.
5. **Preferences**: Enables you to configure your settings.
   - Click ![image](image4.png) to configure the functional settings.
   - Click ![image](image5.png) to display the software version information.
6. **Status bar**: Informs you about the status of the 3D windows.
   - Click ![image](image6.png) to configure the functional settings.
To access the **Orthogonal Slicing window**, on the **Home Page** click the **Orthogonal Slicing** tab.

**Figure 2–4  Orthogonal Slicing Window**

1. **Title Bar**: Displays the software name and version.
2. **Window Tabs**: Provides access to the indicated windows.
3. **Menu Bar**: Provides access to the following functions:

<table>
<thead>
<tr>
<th>Menu</th>
<th>Submenu</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Information</td>
<td></td>
<td>Displays the 3D image acquisition information</td>
</tr>
<tr>
<td>MPR (MultiPlanar Reformat)</td>
<td>Adjustment</td>
<td>Adjusts the contrast and the brightness of the slices</td>
</tr>
<tr>
<td></td>
<td>Position</td>
<td>Resets the cut planes position</td>
</tr>
<tr>
<td>3D Scene</td>
<td>Adjustment</td>
<td>Adjusts the 3D view</td>
</tr>
<tr>
<td>Cut Planes</td>
<td>Click 🎨</td>
<td>to display the cut plane as images.</td>
</tr>
<tr>
<td></td>
<td>Click 🎨</td>
<td>to display the cut plane as wireframe.</td>
</tr>
<tr>
<td></td>
<td>Click 🎨</td>
<td>to display the cut plane as colored planes.</td>
</tr>
</tbody>
</table>
3D Filters

Click to apply the smoothening filter.

Measurements

Click to show or hide measurements.
Click to measure the length.
Click to measure the angle.
Click to edit the measurements.
Click to delete the measurements.

Implant

Click to show or hide all implants.
Click to delete all implants.

Nerve Canals

Click to show or hide all nerve canals.
Click to create nerve canals.
Click to edit the nerve canals.
Click to delete the nerve canals.

Export

Click to create a screen capture file.
Click to access the screen capture file in the directory.

4 Display options: Display different viewing options of the slice views.
5 Display options: Display different viewing options of the 3D view.
To access the Curved Slicing window, on the Home Page click the Curved Slicing Window tab.

**Figure 2–5  Curved Slicing Window**

1. **Title Bar:** Displays the software name and version.
2. **Window Tabs:** Provides access to the indicated windows.
3. **Menu bar:** Provides access to the following functions:

<table>
<thead>
<tr>
<th>Menu</th>
<th>Submenu</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Information</td>
<td></td>
<td>Displays the 3D image acquisition information.</td>
</tr>
<tr>
<td>MPR (MultiPlanar Reformat)</td>
<td>Adjustment</td>
<td>Adjusts the contrast and the brightness of the slices.</td>
</tr>
<tr>
<td></td>
<td>Position</td>
<td>Resets the cut planes position.</td>
</tr>
<tr>
<td>3D Filters</td>
<td>Click 🌟</td>
<td>to apply the smoothening filter.</td>
</tr>
<tr>
<td>Measurements</td>
<td>Click 🔎</td>
<td>to show or hide measurements.</td>
</tr>
<tr>
<td></td>
<td>Click 🟢</td>
<td>to measure the length.</td>
</tr>
<tr>
<td></td>
<td>Click 🌟</td>
<td>to measure the angle.</td>
</tr>
<tr>
<td></td>
<td>Click 🌟</td>
<td>to edit the measurements.</td>
</tr>
</tbody>
</table>
Click  to delete the measurements.

Implant
Click  to show or hide all implants.
Click  to add an implant.
Click  to edit all implants.
Click  to delete all implants.

Nerve Canals
Click  to show or hide all nerve canals.
Click  to create nerve canals.
Click  to edit the nerve canals.
Click  to delete the nerve canals.

Panoramic View
Click  to create a curved line.
Click  to edit the curved line.
Click  to delete the curved line.

Export
Click  to create a screen capture file.
Click  to access the screen capture file in the directory.

4 Display options: Display different viewing options of the slice views.
To access the **Oblique Slicing window**, on the **Home Page** click the **Oblique Slicing Window** tab.

**Figure 2–6   Oblique Slicing Window**

1. **Title Bar**: Displays the software name and version.
2. **Window Tabs**: Provides access to the indicated windows.
3. **Menu bar**: Provides access to the following functions:

<table>
<thead>
<tr>
<th>Menu</th>
<th>Submenu</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Information</td>
<td></td>
<td>Displays the 3D image acquisition information.</td>
</tr>
<tr>
<td>MPR (MultiPlanar Reformat)</td>
<td>Adjustment</td>
<td>Adjusts the slices contrast and brightness.</td>
</tr>
<tr>
<td></td>
<td>Position</td>
<td>Resets the cut planes position.</td>
</tr>
<tr>
<td>3D Scene</td>
<td></td>
<td>Adjusts the 3D view.</td>
</tr>
<tr>
<td>3D Filters</td>
<td></td>
<td>Click ![icon] to apply smoothening filter.</td>
</tr>
<tr>
<td>Measurements</td>
<td></td>
<td>Click ![icon] to show or hide measurements.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Click ![icon] to measure the length.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Click ![icon] to measure the angle.</td>
</tr>
</tbody>
</table>
Click to edit the measurements.

Click to delete the measurements.

Implant

Click to show or hide all implants.

Click to delete all implants.

Nerve Canals

Click to show or hide all nerve canals.

Click to create nerve canals.

Click to edit the nerve canals.

Click to delete the nerve canals.

Crop

Click to show or hide the crop tool.

Export

Click to create a screen capture file.

Click to access the screen capture file in the directory.

4 **Display options**: Display different viewing options of the slice views.

5 **Display options**: Display different viewing options of the 3D view.

**NOTE**

Click to use the default value.
Chapter 3
GETTING STARTED

Starting the KODAK Dental Imaging Software

**NOTE**
You can access the Kodak Dental Imaging Window directly from your patient management software.

Before starting your Kodak dental imaging software, check that:

- All the connections between the devices and the PC are properly connected.
- The PC is turned ON.

To start your Kodak dental imaging software, follow these steps:

1. On your desktop, double-click .

   **OR**

   From your PC, select **Start > All Programs > Kodak > Kodak Dental Software**.

   ![Desktop Screen](image)

   A blank **Patient Window** is displayed.

2. Create or open a patient record.
Managing Patient Record

NOTE
For information on how to use all the patient record functions, on the menu bar click ? to access the online help.

Creating a Patient Record

To create a patient record, follow these steps:

1. In the Patient Window, from the toolbar, click .
   OR
   From the menu bar, select Patient > New.

2. Enter the required patient information. The Last name, the First name and the Date of birth fields are required.

3. From the menu bar, select Picture > Insert Picture to add a *.tif or *.bmp picture of the patient to the record. Select the picture from your directory and click Open.

4. Click OK to save. The patient record is automatically assigned a 7-digit number starting with a letter (for example, M0000001).

5. Click to access the Imaging Window.
Finding a Patient Record

To find a patient record, follow these steps:

1. In the **Patient window**, click , or from the menu bar, select **Patient > Find**. The **Find** dialogue box is displayed.

2. Enter the last name of the patient via the **Find keyboard** or your keyboard. The patient name appears in the list.

3. Select the patient and click to open the patient record. The **Patient Window** appears with the patient record.

Modifying a Patient Record

To modify a patient record, follow these steps:

1. In the **Patient window**, click , or from the menu bar, select **Patient > Modify**. The curser appears in the last name field.

2. Enter your modifications and click **OK**.
Deleting a Patient Record

WARNING
Deleting a patient record also deletes the images associated with the record.

TIP
To avoid accidental loss, always back up your data.

To delete a patient record, follow these steps:

1. In the Patient window, from the menu bar, select Patient > Delete. A CAUTION dialog box is displayed.

   ![CAUTION dialog box]

   All images will be deleted!

   OK  Cancel

2. Click OK or Cancel.

Exiting the Patient Window

To exit the Patient Window, click , or from the menu bar, select Patient > Exit.
Managing a 2D Image

**NOTE**
For information on how to use all the imaging functions, on the menu bar click ? to access the online help.

Opening an Image

To open an image, follow these steps:

1. In the Imaging Window, do one of the following:
   - Click to open an image.
   - Click to open the patient history.
   - From the menu bar, select File > History Open
   The Patient History dialog box is displayed.

2. Click the appropriate tab.

3. Select an image file and click OK.
Resizing an image

To resize an image, follow these steps:

1. In the Imaging Window, open the image. To minimize the image, click `` in the right corner of the image title bar.

2. To increase the size of the image, click `` in the right corner of the image title bar.

3. To reposition the image, click on the image title bar and drag the image to the position in the Imaging Window that you desire.

4. For full screen view, double click the image, or right click on the image and select Full Screen.

Saving an Image

To save an image, follow these steps:

1. In the Imaging Window, click `` or from the menu bar, select File > Save. The Save Image dialog box is displayed.

   **NOTE**
   The Save Image dialog box type depends on the image type acquired.

2. Enter the necessary information in the required fields and click OK.
Printing an Image

**NOTE**
You must have a printer installed.
You can print images (one or more per page), exams, and reports based on a template.

To print an image, follow these steps:

1. In the **Imaging Window**, select the image or images that you want to print.

2. Click ![printer icon] or, from the menu bar, select **File > Print**. The **Print** dialog box is displayed.

3. In the **Print** dialog box, select the options that you want and click **OK**.

Exiting the Imaging Window

To exit the **Imaging Window**, click ![exit icon] or, from the menu bar, select **File > Exit**.
Managing a 3D Image

Opening an Image

To open a 3D image, follow these steps:

1. In the Imaging Window, do one of the following:
   - Click to open an image.
   - Click to open the patient history.
   - From the menu bar, select File > History Open.

   The Patient History dialog box is displayed.

2. Click 3D Volume tab.

3. Select an image file and click OK.
Moving Cut Planes

To move cut planes, follow these steps:

1. With the image open, place the pointer on one of the cut plane colored handles.

2. Click and drag the cut plane handle to reach the desired cut plane. You can view the selected cut plane in the same slice view color.

3. Place the pointer on the selected cut plane, and using the mouse wheel, fine-tune the position of the selected cut plane.
Adjusting the Contrast and the Brightness

To adjust the contrast and the brightness of an image, follow these steps:

1. Click 📡 and slide to increase or decrease the contrast value.

2. Click ☀️ and slide to increase or decrease the brightness value.

3. Click ⬃️ ⬇️ to reset the contrast and the brightness to the initial value.
Viewing the 3D Scene

To view the 3D scene in an image, follow these steps:

1. Place the pointer on the 3D cut plane.
   - Click and drag to rotate the 3D cut plane.
   - Use the mouse wheel to zoom in and out.

2. Click outside the 3D cut plane to move the 3D view.

3. Place the pointer inside the 3D cut plane. Click to move the 3D cut plane right, left, up and down.
Adjusting the Slice Thickness

To adjust the slice thickness in an image, follow these steps:

1. In the selected slice view, click . A drop-down list is displayed.
2. Select a slice thickness option.
Viewing a Set of Slices

To view the 3D scene of an image, follow these steps:

1. In the selected slice view, click \[\text{button}\]. A drop-down list is displayed.
2. Select one of the consecutive slices.
3. Click \[\text{button}\] to select the distance between each consecutive slices.
Measuring the Length

To measure the length of a 3D image, follow these steps:

1. Click 

2. Place the pointer on the segment to be measured. Click for the first measurement point.

3. Drag and click to the second and final measurement point. The measurement value is displayed on the slice view and on the measurement menu.
Creating a Curve Slice

To create a curve slice in a 3D image follow these steps:

1. On the **Curve Slice** tab, click on the axial image.

2. Place the pointer on the curved slice to be created. Click for the first control point of the curved slice.

3. Click for each control point on the curved slice.

4. Double-click to end the control points of the curved slice.
Identifying Nerve Canals

To identify nerve canals in a curve slice, follow these steps:

1. On the Curve Slice tab, click 🖼. 

2. Place the pointer 🌇 on the nerve canal. Click 🔽 for the first control point of the nerve canal identification.

3. Click 🔽 for each control point of the nerve canal identification.

   You can use the mouse wheel 🎉 to view the nerve canal.

4. Double-click 🔽 to end the control points of the nerve canal identification.
Positioning an Implant

To position an implant for a curve slice, follow these steps:

1. On the **Curve Slice** tab, click \[ \] and select an implant type.

2. Place the pointer \[ \] on the implant central positioning handle. Click \[ \] to drag the implant to the desired position.

3. Place the pointer \[ \] on the external handle. Click \[ \] to rotate and change the orientation of the implant.