Vizion User Quick Guide

This reference guide will guide you through a series of seven easy steps to acquire an image from the DR modality that will then import the acquired images into the Opal PACS system. There are 3 main sections which are: the Client Worklist (Study List), the Acquire Interface and the Opal Viewer.

Getting Started:

a. Click on the Opal Icon on the Desktop
b. Login using username and password

7 Steps

1. Create a New Study or Add an Image to an Existing Study
2. Enter the Patient Details
3. Capturing the Images for ViZion CR/DR Interface display
4. Capturing Additional Images for Same Study
5. Perform QC Functions
6. Accept/Reject Images
7. Validate the Study
**Step 1 - Create a New Study or Add an Image to an Existing Study**

To Create a New Study:

1) Click the **CREATE NEW STUDY** button from the Worklist. *Figure 4*

2) The Add New Study screen will display. *Figure 4*
   a) If this is a **NEW PATIENT** with no existing Patient ID proceed to **STEP 2**.
   b) If this is an **EXISTING PATIENT** and you know the Patient ID:
3) Enter the Patient ID into the Patient ID field.

There is also a variety of functionality present on the worklist main page. From here you can:

- **COMPARE:** TWO STUDIES
- **IMPORT CD's FROM AN OUTSIDE SOURCE**
- **BURN CD'S FOR EASE OF DISTRIBUTION**
- **PRINT IMAGES IN DICOM FORMAT**
- **IMPORT .JPG FILES INTO THE WORKLIST**
- **SCAN PAPER DOCUMENTS FOR REFERENCE**
- **CREATE FILTERS TO STREAMLINE YOUR PRODUCTIVITY**

Customer Support

1.800.366.5343 – support@viztek.net
4) Hit the Tab key on your keyboard or move the cursor into the next field. *The database will search for existing patients with that ID and if one appears, will ask if you are trying to create a New Empty Study for the Patient.

5) Press the AQUIRE BUTTON and Proceed to **STEP 3**.

---

**To ADD another image to an existing INCOMPLETE study:**

Please note this feature is used ONLY to add an image to a study in INCOMPLETE status. You cannot add an image to a study in the Unread or Read status.

1. Select the *Incomplete* study you wish to add an image to by left clicking on the desired study.

2. Then click the *ADD NEW IMAGE* button from the Vizion DR worklist. **Figure 6**

3. Proceed to **STEP 3** if you are ready to add additional image(s).
**STEP 2: Enter the Patient Details**

1. Enter the Patient Information. The required fields are **Patient ID, Patient Name – First and Last, DOB**. You may also enter any additional information, but that is not required.

2. Click the **ACQUIRE** button, once you have added all desired patient information (required/optional).

**STEP 3: Capturing the Images for ViZion DR Interface display**

1. Once you have clicked the **ACQUIRE** button in the above steps, the following **ViZion DR Interface** Window will appear. *Figure 7*

2. Select Body Region, Body Part, View and Mask if not already select from previous step.

3. Select green **ACQUIRE** button. *Figure 7*

4. Take exposure once the “READY FOR EXPOSURE” displays. *Figure 8*

5. Image displays proceed to **STEP 4**. *Figure 9*

---

*Figure 7*
“Ready for Exposure” will indicate the system is ready to take an exposure.

Within seconds of capture, the image will display on the ViZion DR Interface screen.

Figure 8

Within seconds of capture, the image will display on the ViZion DR Interface screen.

Figure 9
**STEP 4: Capturing Additional Images for Same Study**

If you have more images to capture for this study repeat **STEP 3** for each image capture, selecting BODY REGION/BODY PART, click the green ACQUIRE button. If NO, proceed to **STEP 5**.

**STEP 5: Perform QC Functions**

After scanning the image(s), you have the option to use the following tool bar at the top of the scanned image to perform QC functions for Window/Leveling, Adding annotations, and Rotating the image.

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Annotation options</td>
<td>6. Rotate Image Right</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Smart Box</td>
<td>7. Flip Image Vertical</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Revert Image back to original</td>
<td>8. Flip Image Horizontal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Auto W/L</td>
<td>9. Shutter Box</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Rotate Image Left</td>
<td>10. Launches Positioning Guide in PDF format</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PLEASE NOTE:** You can also use your Right or Left mouse button to manually Window/Level your image. To perform this function, simply hold button to change W/L. (see below)

*Move your mouse \( \leftrightarrow \) to change the contrast --- Move your mouse \( \uparrow \) to change the brightness.*

**STEP 6: Accept/Reject Images**

Each image must now be Accepted or Rejected.

a. Select the **Green check** to ACCEPT the current image.
b. Select **Red X** to REJECT current image and erase it from the study series.
c. Once all images have been Accepted/Rejected, you may exit out of the ViZion DR Interface by left clicking on the **EXIT** button. This will close out the **ViZion DR Interface**, import all images into Opal PACS, and allow the user to open the exam in the Opal Viewer when doubling clicking on a patient in the Study List.
**STEP 7: Validate the Study**

*If your workflow includes validating the study by manually changing the status from INCOMPLETE to UNREAD please continue with the steps a-c.

Highlight the study in the worklist by single left clicking on it.

a. Then right click to display a drop down menu.

b. Select UNREAD, the status of the study has now been changed from INCOMPLETE to UNREAD. Figure 9

![Figure 9](image)

Figure 10