

Omnivue® Web

www.genesisdigital.com

Genesis
OmniVue[®] Web
Installation & User Manual
Version .38



Chapter Installation

Installation Process

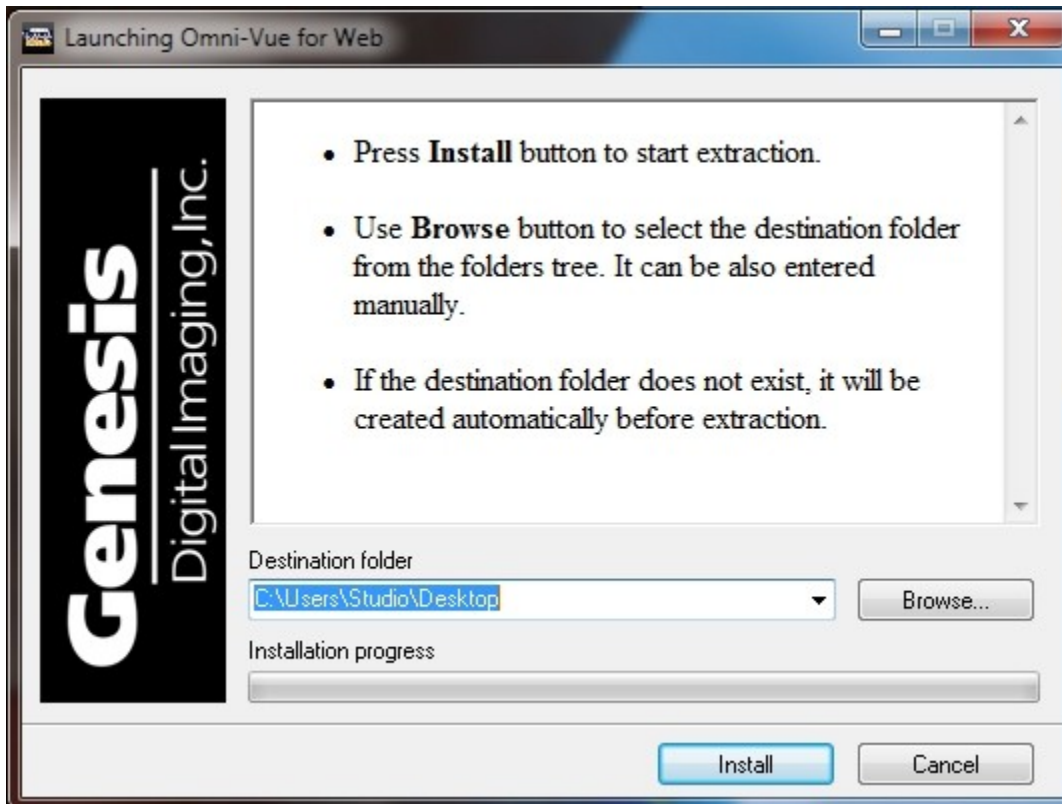
Step 1: Double click **installation file** on desktop



Step 2: Click **Run**

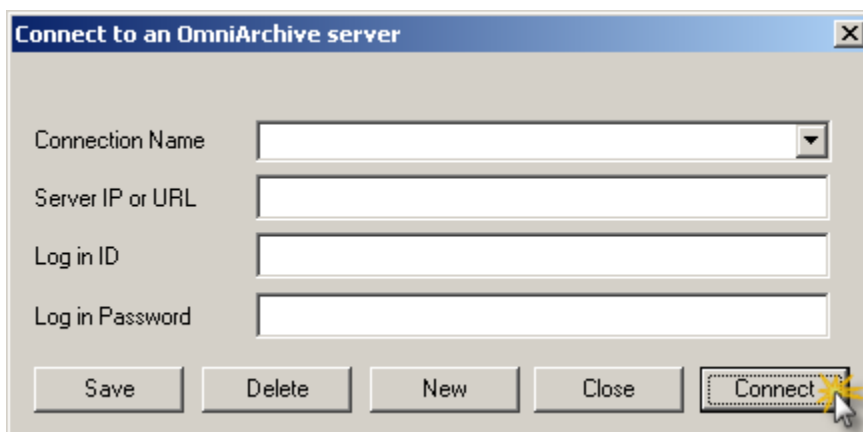


Step 3: Click **Install**



Step 4: Enter host name or IP address for the server you are trying to connect to

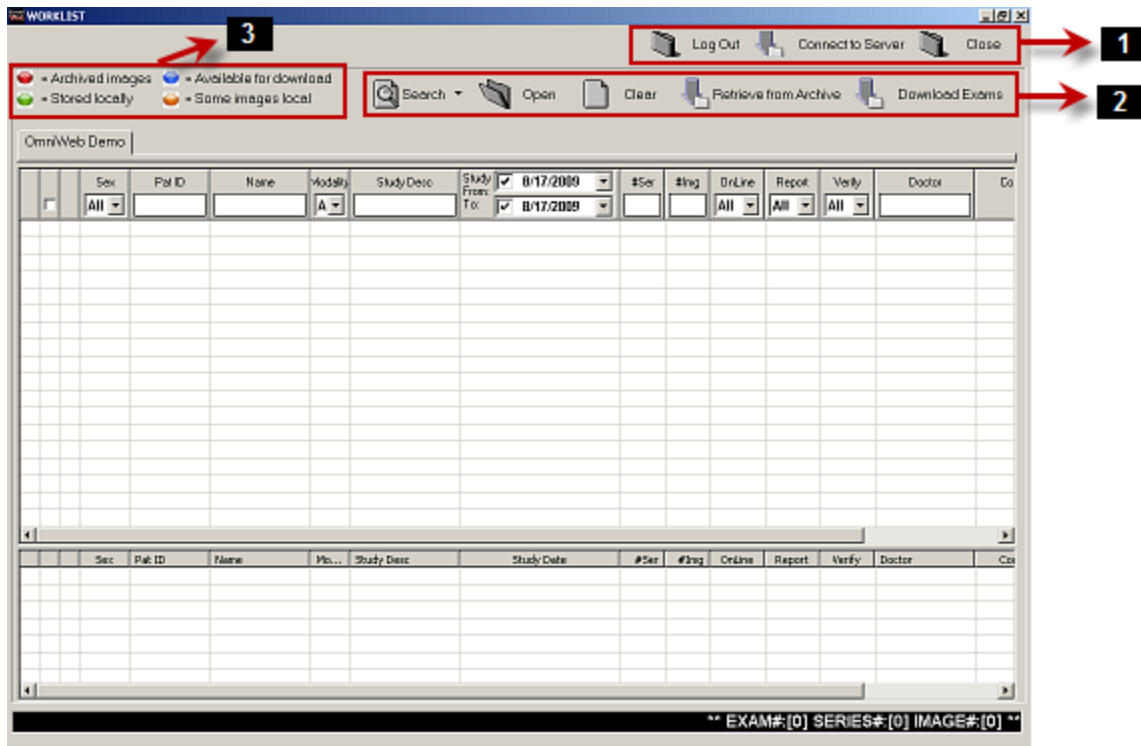
- Enter Login ID
- Click **Save** (for first time use)
- Click **Connect**



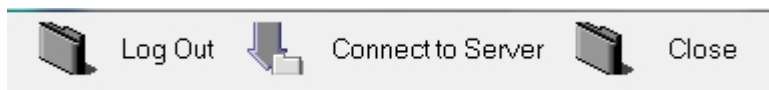


Chapter Worklist

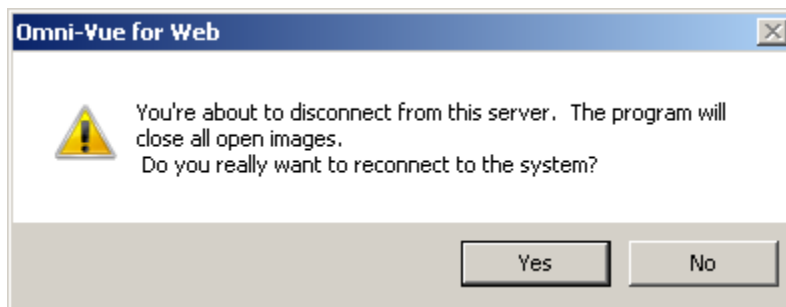
Main Features - WORKLIST



1) Log Out, Connect to Server & Close



- **Log Out:** To log out of the server, click the "Log Out" button. Click **Yes** to confirm logout. Click **No** to return to program.



- **Connect to Server:** To connect to a different server, click the "Connect to Server" button.

- **Close:** To exit the program, click the "Close" button.

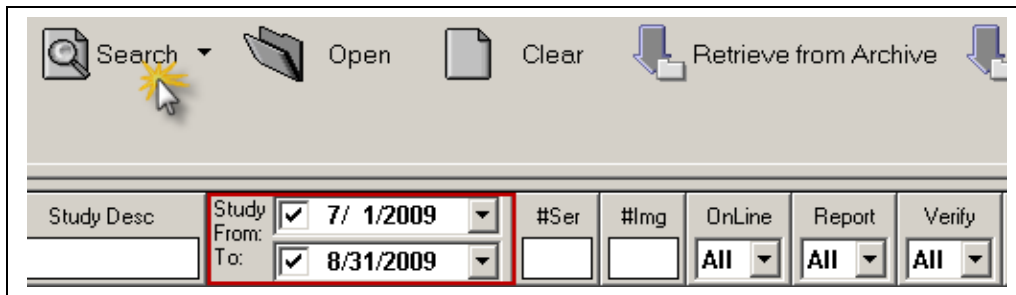
2) Search, Open, Clear, Retrieve from Archive & Download Exams



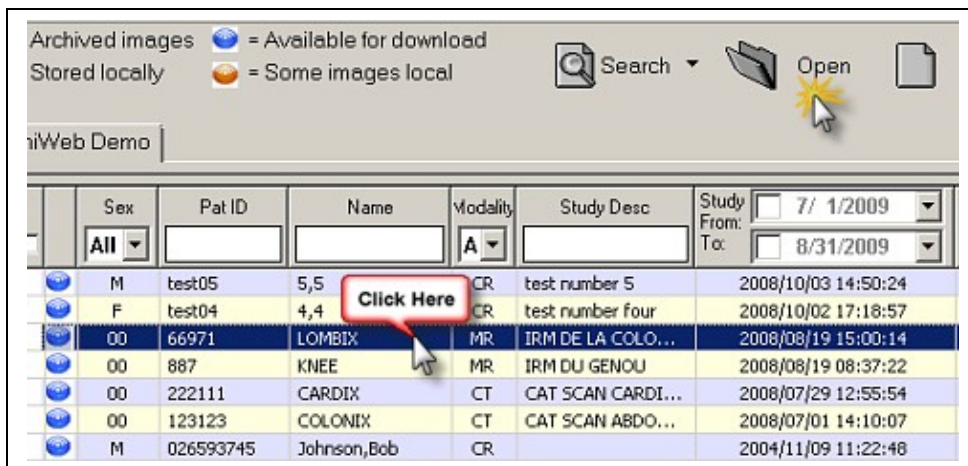
- **Search:** To "Search" for exams, enter the criteria with which you want to search. To search the selected fields, click "Search." To refine search by date, click today's or x's date from the pull down arrow.

For Example: When the Exam list is huge, the search functionality is used to shortlist the search results.

1. To List Exams for a Particular Month, select the check boxes for the start and end dates
2. Enter the desired dates respectively
3. Click **Search**






- **Open:** To open up the exam, click on the exam listed or highlight the exam and click "Open."







- **Clear:** To clear search fields, click "Clear."










- **Retrieve from Archive:** If the exam is an archived image (denoted by a red button) , highlight exam and click "Retrieve from Archive."

Archived images  = Available for download
Stored locally  = Some images local

 All  Open  Clear  Retrieve from Archive

Web Demo

	Sex	Pat ID	Name	Modality	Study Desc	Study From: To:	#Ser	#Img	OnLine	Report	View
	M	test05	5,5	CR	test number 5	2008/10/03 14:50:24	1	2	OnLine	InPro...	f
	F	test04	4,4	CR	test number four	2008/10/02 17:18:57	1	3	OnLine	InPro...	f
	00	66971	LOMBIX	MR	IRM DE LA COLO...	2008/08/19 15:00:14	1	11	OnLine	InPro...	f
	00	887	KNEE	MR	IRM DU GENOU	2008/08/19 08:37:22	1	26	OnLine	InPro...	f
	00	222111	CARDIX	CT	CAT SCAN CARDI...	2008/07/29 12:55:54	1	20	OnLine	InPro...	f
	00	123123	COLONIX	CT	CAT SCAN ABDO...	2008/07/01 14:10:07	1	18	OnLine	InPro...	f
	M	026593745	Johnson,Bob	CR		2004/11/09 11:22:48	1	2	OnLine	InPro...	f

— **Download Exams:** To pre-load exams to a local computer, select exam or exams (hold down shift/control), then click "Download Exams." Click Yes to confirm download. Click No to cancel action. As files are downloading, click "Pause" to pause download or click "Cancel" to cancel action.

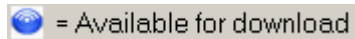
3) Exam Status: Archived images, Available for download, Stored locally or Some images local

Status of Exams displayed under WORKLIST are denoted by different colored buttons

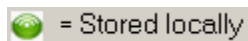
- **Archived images:** Web archive images are cached first in, first out. Images that are no longer cached will appear with a red icon. To make these images available, the exam must be selected and the user must click on "Retrieve from Archive"



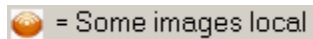
- **Available for download:** Icons that are available for immediate download will have a blue icon. Double-click on the exam to begin loading the images or select a range of images and click "Download Images" to pre-fetch all the images. Images that are pre-fetched will remain on the local computer for 24 to 48 hours.



- **Stored locally:** Images that have already been downloaded and are located on the local machine will have a green icon. Images that are loaded locally do not need to be downloaded from the server and will load very fast.



- **Some images local:** Some of the images in the exam have been loaded locally. The images that are not stored locally will begin to download automatically when the exam is opened.

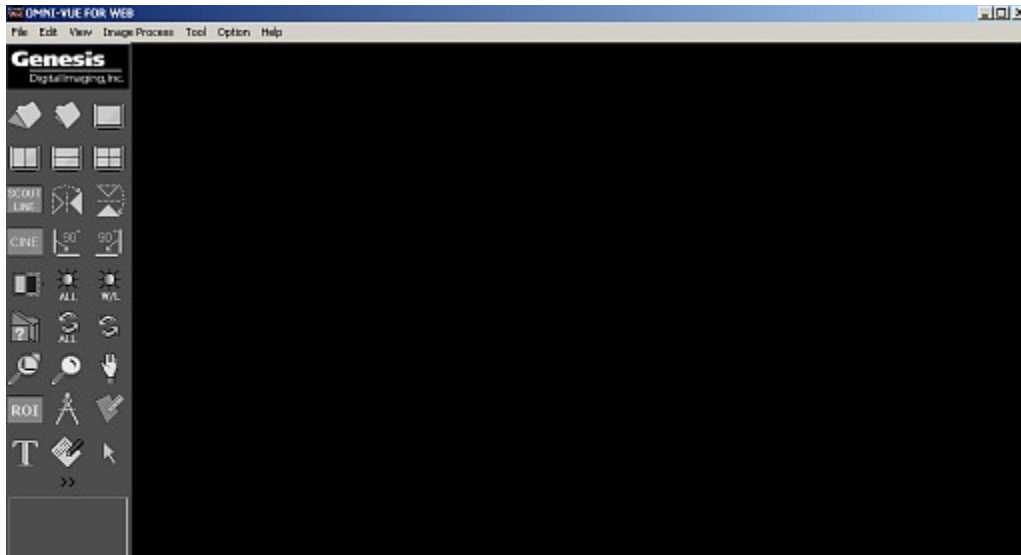




Chapter
Display Window

Please note that Omnivue Web is READ ONLY. Changes made to the images including annotations, zooming, window leveling will not be saved to the server.

Main Features – OMNI-VUE FOR WEB



1. Arrow



Click Arrow icon to change to general cursor mode.

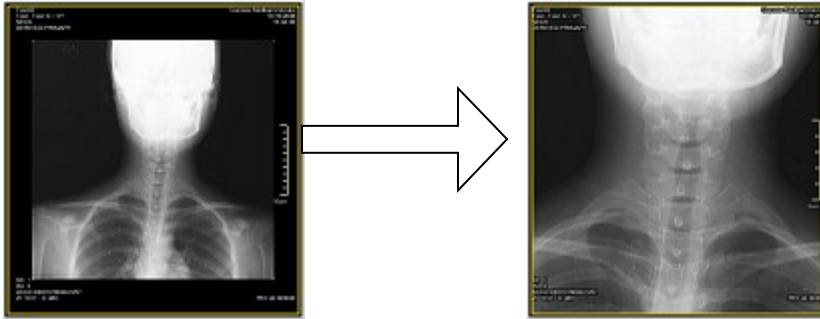
2. MouseStack

Selecting MouseStack under Image Process drop-down menu changes the Cursor from Arrow to a MouseStack.

3. Zoom In/Out



After clicking Zoom button, click and drag the image where you wish to see. If there are multiple images, select all (Ctrl + A) and Zoom in/out all the images. (Short-cut key: Z).



4. Magnify Glass

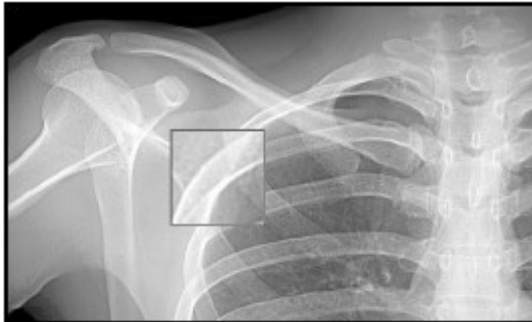


Shift + Mouse Drag: To Adjust the Size of magnifying glass size

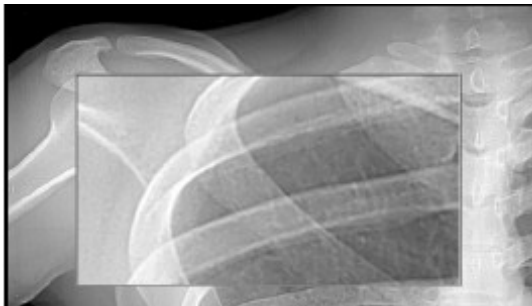
Ctrl + Mouse Drag: To Magnify/Reduce within the magnified region of the image

Alt + Mouse Drag: To Adjust W/L within the glass (any adjustment will apply to the entire image)

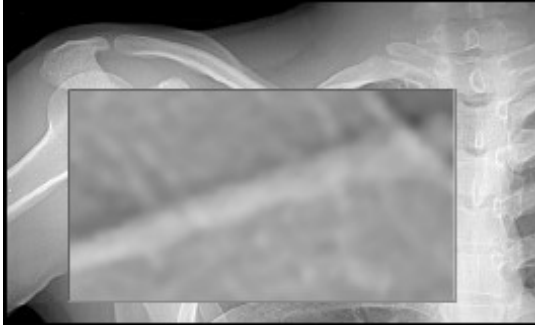
- 1) Click on the Magnify Glass Icon **OR** G on the Keyboard
- 2) To magnify part of an image, Left-click on the Image
- 3) The magnifying glass will initially appear as shown below



- 4) To change the size of the magnifying glass, hold Shift, click and drag the mouse to the desired size.



- 5) To change the zoom within the magnifying glass, hold Control, click and drag to desired intensity. Drag up (lower magnification) and down (higher magnification).



5. Panning

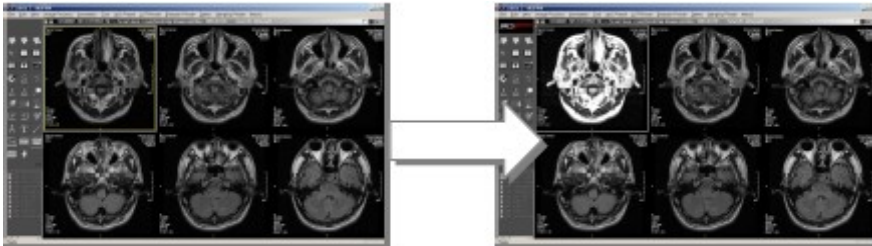


Panning allows user to move the image within the frame. After selecting the function, click on the image and drag to move. (Short-cut key: P)

6. Window Level



- 1) Click Image Process→Window Level **OR** on the W/L icon **OR** W on the keyboard
- 2) Cursor will be changed to W/L. Click the image and drag to the left/right for contrast adjustment and up/down for brightness adjustment. Window level value will be changed.



7. All Window Level

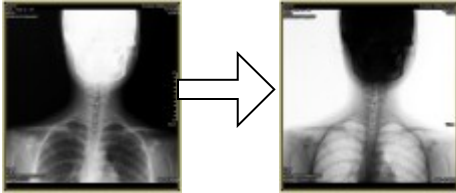


- 1) Click Image Process→All Window Level **OR** on the **ALL** icon
- 2) Click the image and drag to the left/right for contrast adjustment and up/down for brightness adjustment. All adjustments are applied to all images in the exam.

8. Inverse



Right-click on image & click Inverse OR click on the icon



9. Display Original



1) Go to Image Process → Display Original OR click the icon

2) This function will return the selected image to its original setting prior to any modification.

10. Display All Original



1) Go to Image Process → Display All Original OR click the icon

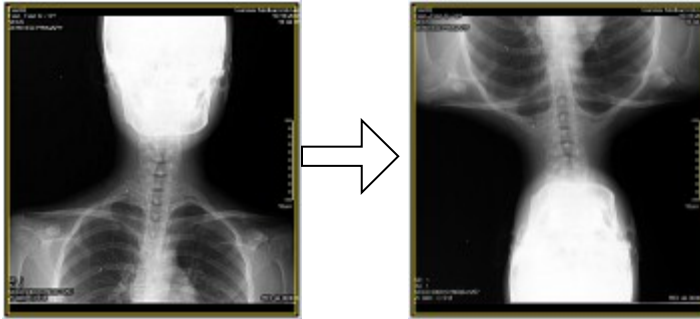
2) This function will return all the images to their original setting prior to any modification .

11. Flip Horizontal

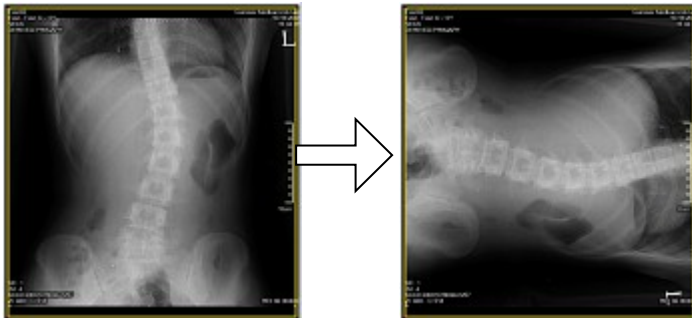


12. Flip Vertical

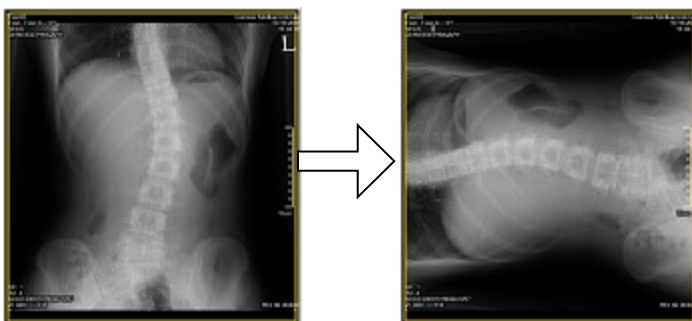




13. Rotate CW



14. Rotate CCW



15. Measure



Measure Tool (Short-cut key: M)

Length measurement: Anchor and drag the mouse to measure the length of a subject on an image.



16. Angle



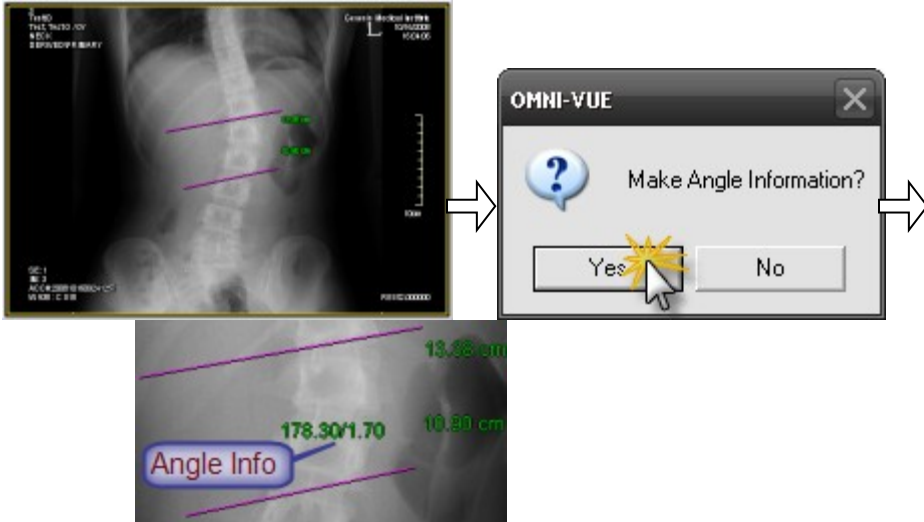
To measure angle/s (Short-cut key: A)

1) To measure an angle click on the first point (A), drag and click on the end points (B & C)



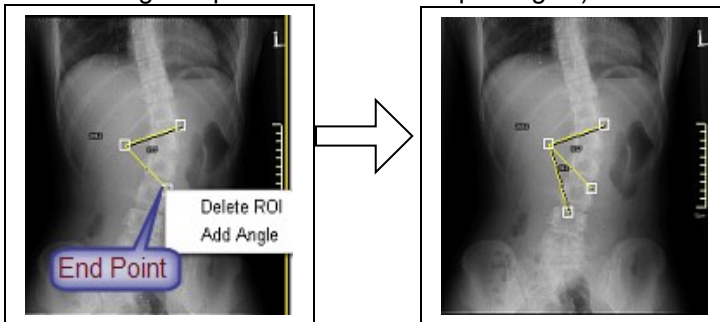
2) To measure the angle when lines that don't cross

- Draw the lines for angle measurement using the Measure Tool (M)
- Select the two lines: Press Shift button and click the lines
- The 'Make Angle Information' message will be displayed
- Click Yes to display the angle measurement
- The angle measurement will display between the two lines



3) **Add angles:** Multiple angles can be measured from one point

- Click 'Angle' and select an end point
- Right-click to select 'Add Angle'
- Hold the end point and drag, another angle will be created
- It is possible to create multiple angles by same method (Hold the short-cut key 'D' and drag end points to create multiple angles)



17. Annotation



(Short-cut key: T)

Annotation feature allows user to input text information on the image.



18. Arrow Line



Click and drag from point A to Point B

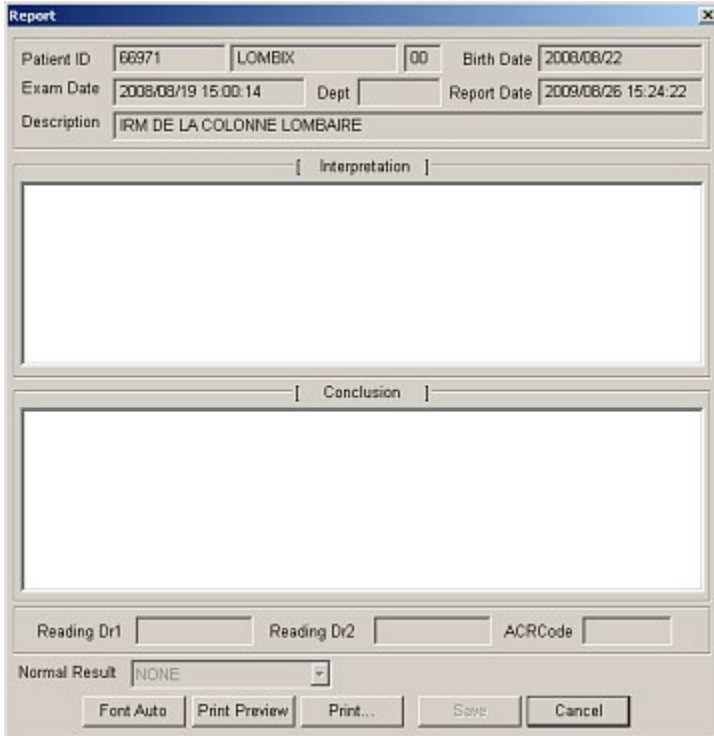


19. Report



OR shortcut key R

To View Report click on the report icon and select “Report”

A screenshot of a 'Report' dialog box. It contains fields for Patient ID (66971), LOMBIX, 00, Birth Date (2008/08/22), Exam Date (2008/08/19 15:00:14), Dept, Report Date (2009/08/26 15:24:22), and Description (IRM DE LA COLONNE LOMBAIRE). Below these are sections for 'Interpretation' and 'Conclusion', both currently empty. At the bottom, there are fields for Reading Dr1, Reading Dr2, and ACRCode, a 'Normal Result' dropdown set to 'NONE', and buttons for 'Font Auto', 'Print Preview', 'Print...', 'Save', and 'Cancel'.

20. Open Worklist



To Open Worklist

Click on icon OR Click File → Open Worklist OR Ctrl+O

21. Close



To close current image that is on display

Click on icon OR Click File → Close

22. Stack/Tile View (Cine)



This feature allows users to view multiple images of an exam in a sequence

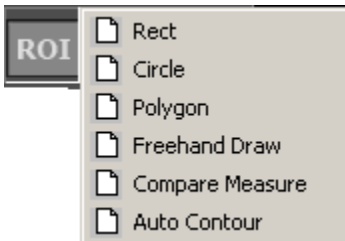
- 1) Open an exam with multiple images from the Exam List
- 2) Go to View→Stack/Tile View OR click on the icon for Stack/Tile View
- 3) Use the Slideshow controls to AutoPlay the images



- 4) To take off the slide show controls Go to View→Stack/Tile View OR click on the Icon for Stack/Tile View

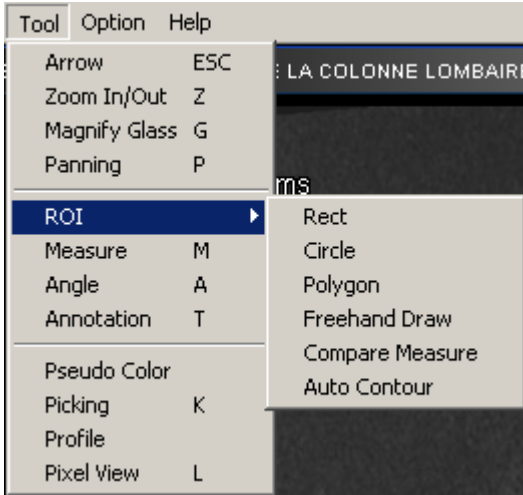
23. ROI

Click on the ROI icon to view the various ROI options available.



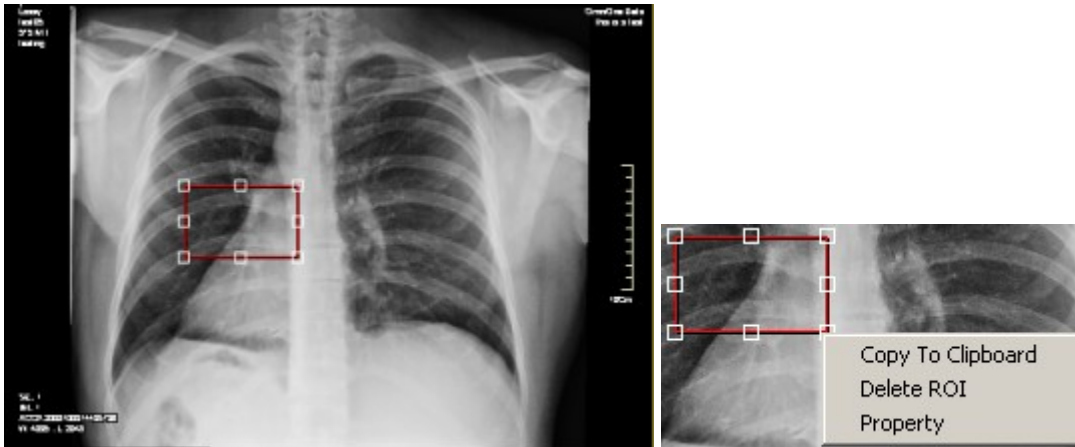
OR

Click **Tool**→**ROI** to view the various ROI options available.



1) Rect (rectangular)

- Click on the ROI Icon OR Go to Tool→ROI→Rect
- Left-Click and drag on the required region
- For available ROI options: Right-Click on one of the ROI points to see the Menu



a) **Copy to Clipboard:** Copy selected ROI part and paste to any external software which supports the feature.

b) **Delete ROI:** Delete selected ROI

c) **Property:** Provides the dimension, position, size, pixel spacing & mean values

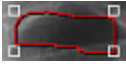
2) Circle



3) Polygon



4) Freehand Draw



5) Auto Contour



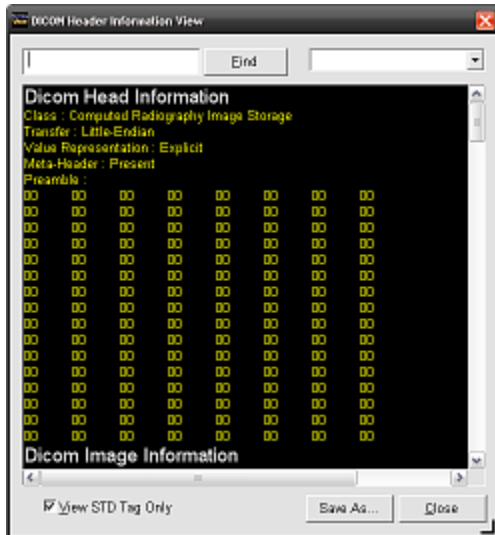
Auto Contour allows user to auto select a region on an image

24. DICOM Header



This function displays DICOM header information. Go to View→DICOM Header OR click on the Icon

DICOM Header Information View



25. SCOUT LINE



This function displays a Scout Line on the image.

26. *None Split*



This function displays image as is.

27. Horizontal Split



This function splits exams horizontally.

28. Vertical Split



This function splits exams vertically.

29. 2 by 2 Split



This function splits exams into quarters.