

MagicWeb Teleradiology Revised: 7/19/2007

1. Logging On: Select Advanced or Dual Monitor Client Type (1 or 2 Monitors), *if you select Basic 1 Monitor, you will get a license error.* Type-in your Username and Password in the boxes, then press <Enter> to continue. Note: Use lower case letters



2. Good Starting Point: MagicWeb Data Source is “Web Server”, All other settings to “All”, Patient Name to the first few letters of patient’s last name, ex: “maki”.... Then hit ENTER or click on the  button

P...	Patient ID	Date of Birth	Sex	Modalities	Patient Comment	Report	Delete Protect	Study Date	Inse
MAK1 ...	0000106046	1971-04-12	M	NM	-	-	-	2007-05-14 08:...	200:
MAK1 ...	0000674872	1956-02-03	M	US	-	-	-	2007-05-31 09:...	200:
MAK1 B...	0000108094	1949-10-29	M	CT, XA	-	-	-	2007-08-01 11:...	200:
MAK1 B...	0000214579	1969-02-23	F	MR	-	-	-	2007-05-30 07:...	200:
MAK1 C...	0000138979	1932-02-11	F	CT	-	-	-	2007-05-24 10:...	200:
MAK1 C...	0000312500	1994-09-16	M	CR	-	-	-	-	200:
MAK1 C...	0000208653	1929-10-12	M	CT, PT, US	-	Yes	-	2007-07-10 14:...	200:
MAK1 C...	0000151627	1964-01-15	F	US	-	-	-	2007-05-31 09:...	200:
MAK1 D...	0000236705	1948-09-22	F	US	-	-	-	2007-05-11 12:...	200:
MAK1 D...	0000236705	1948-09-22	F	CR, CT	-	-	-	2007-07-15 14:...	200:
MAK1 D...	0000257677	1936-06-13	M	CT, NM	-	-	-	-	200:
MAK1 D...	0000144565	1953-12-02	F	CR, DX	-	-	-	-	200:
MAK1 D...	0000140952	1934-07-30	F	MR	-	-	-	2007-05-24 14:...	200:
MAK1 E...	0000163249	1961-06-04	F	CR	-	-	-	2007-05-31 15:...	200:
MAK1 H...	0000110175	1936-02-13	F	CT	-	-	-	2007-08-05 12:...	200:
MAK1 H...	0000184247	1925-07-18	F	IIS	-	-	-	-	200:

3. Buttons on left side of viewing screen:



Patient Window: Consider this the Radiology Fileroom



Series/Study Window: Consider this the Patient’s Radiology Film Jacket



Load into Viewer: You are selecting which view boxes you want to view your images on.



Click on the 1, 2 or the button for both to actually view your images or compare your images



Load a specific series into 3D Viewer



3D Viewer

- If you want to load the whole study, double click on the study on the top window, it will all load and then you can use the + & - to maneuver between studies and series (images in each study), when at the split screen looking at all a patient's studies.
- Once you've loaded your images into the viewers, you use the tool bar to manipulate the image. Use + or - to move thru your images (series) or thru the different studies. Note: If you hover your mouse over the buttons, it will tell you what function is performed.

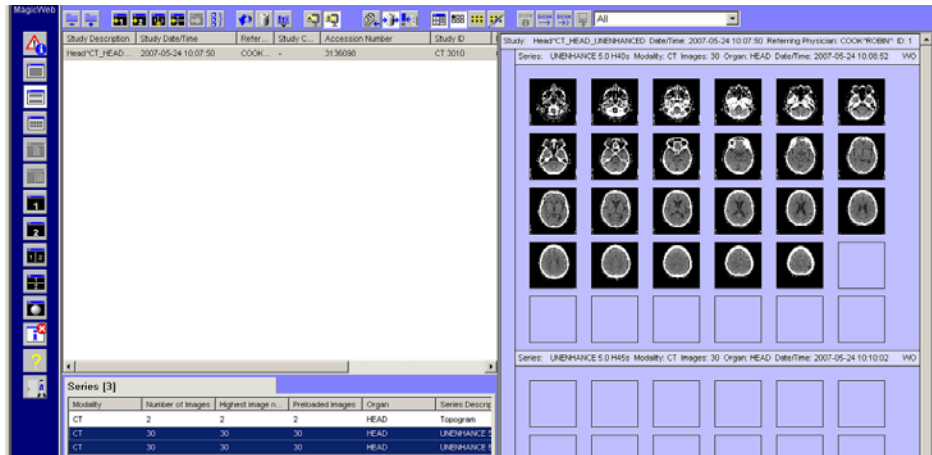
6. Tool Bar for Loading Studies into MagicWeb:



- To Compare: Hold down the Ctrl or Shift Key and click on all the images that you want to load into a specific viewer (1 or 2)




and then click on one of the compare buttons on the left hand side to view both sets of images.



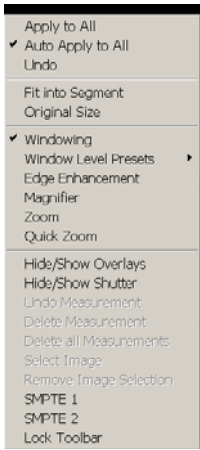
- If the patient had StatScan Images (DX) and Plain Film Images (CR) in the same exam, you will need to load them into separate viewers... Ex: DX into viewer 1 and CR into viewer 2
- You may have to change your Study Date to "All" for your patient query, if there were previous studies that didn't show up under the patient's name when you selected it. There may be not be a exact match of name or MRN.. middle initial or leading zeros maybe missing on one of the procedures.



- PA/Lat Chest.... Highlight both views and double click on  Use your Function 11 Key to increase viewing area.
- View 2 Different Exams at the same time: Highlight and Load one into Viewer 1 and the other into Viewer 2 and use + & - to maneuver between studies and series (images in each study)
- To query another Server to retrieve images: a) Select a new Data Source, b) Query for your Patient, c) Double Click on your patient if you find it, you will be prompted "Retrieve studies to web server database", d) Answer "Yes"... the images will be transferred to the Web Server, so that you can view them, e) You will need to switch your Data Source back to "Web Server" and Query again.
- EMED - Outlying Hospitals MGH_PACS, ACOMNET & MagicStore (old CT/StatScan Archive) use the specific date to search or the patient's Last Name in Caps & a "*", Ex: MAKI*
- Compression: Images may have a Compression A or B Option... denoting two different compression levels. "A" is usually uncompressed and "B" would be a compressed version, with the level of compression displayed on the images. To Use the Hounsfield Units Density Function with CT, you would need to be viewing your CT images uncompressed.
- Make sure that your "Load All Series" button is turned off, if you want to load a specific series into viewer 1 and/or 2.

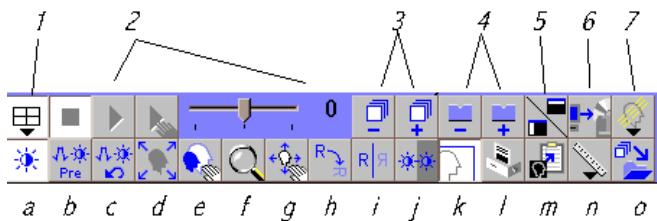


16. Window & Leveling of CTs: Right Clicking on a Image, gives you additional options: Applying Window/Leveled, etc to a whole series, creating your own presets and SMPTE patterns to evaluate your monitor resolution.



Here is a list of descriptions for each Toolbar function

1. Click and hold , then select the layout of images
2. The icons in this group control image animation.
3. Allows you to move from series of images to others.
4. Allows you to move to prior exam or subsequent exam.
5. This icon allows you to change the location of the toolbar (on the top or on the left side of your window.)
6. This icon allows you to store the image on your hard drive
7. This icon displays *LOCATOR LINES* for MRI or CT



- a. Window - controls the contrast/brightness of images.
- b. Window Level Presets –for CT scan, also edge enhance
- c. Resets the contrast/brightness of images to original setting.
- d. Fit to Segment – adjusts the size of images to your viewer.
- e. Zoom - zoom in-and-out of images.
- f. Magnifying Glass - magnifies parts of an image.
- g. Pan - moves images on the viewer.
- h. Rotate - rotates images at 90o angle.
- i. Mirroring - mirrors images.
- j. Invert - changes the lighting setup of images.
- k. Show/Hide Image Text - shows or hides patient name.
- l. Print - prints images to a nearby paper printer.
- m. Copy to Clipboard - allows users to paste images to email
- n. Measurements - measures the image in mm and angles
- o. Close - closes the patient’s Study/Series List screen.

