

1) Get the images to AW3

- Best option – have CT tech send images to AW3 (this may happen automatically)
- Next option – query the CT scanner from AW3...

1) Change to CT4 (the only scanner with DE!) 2) Pick correct time range (screen on **RIGHT** side of AW)

3) Click refresh (...wait) 5) Click here to retrieve

4) Select exam you want

Patient Name	Patient ID	Exam ID	Date	Description
		15525	Nov 26 2014	CT HEAD W/O AC/CONTR
		15526	Nov 26 2014	CT ABDOM CHEST/ES PRCT
		15527	Nov 26 2014	CT CHEST W/O AC/CONTR
		15528	Nov 26 2014	CT UPPER ABDOMEN
		15529	Nov 26 2014	CT ABDOM UPPER EXTREM
		15530	Nov 26 2014	CT ABDOM LOWER EXTREM
		15531	Nov 26 2014	CT ABDOM LOWER EXTREM
		15532	Nov 26 2014	CT HEAD W/O AC/CONTR

2) Open exam for processing

1) If your exam isn't there, check this stuff

The screenshot shows a software interface with a sidebar on the left containing a list of applications. A red box highlights the 'W' logo in the top left corner. The main window displays a table of exams. A red box highlights the 'W' logo in the top left of the main window. A callout points to a row in the table with the text '3) Select this one: HEAD W/O 67keV+M'. Another callout points to a row in the table with the text '2) Select the exam.'. A third callout points to the 'Mono MD Compare' option in the sidebar with the text '4) Left click "Mono MD Compare." You might have to move the slider down to see the application listed'. The table in the main window has columns for 'Exam', 'Type', 'Status', 'Description', 'Status', 'Accession', 'Date', and 'Time'. The row highlighted by callout 3 has 'HEAD W/O 67keV+M' in the 'Description' column.

Exam	Type	Status	Description	Status	Accession	Date	Time
HEAD W/O 67keV+M							

3) Select this one:
HEAD W/O 67keV+M

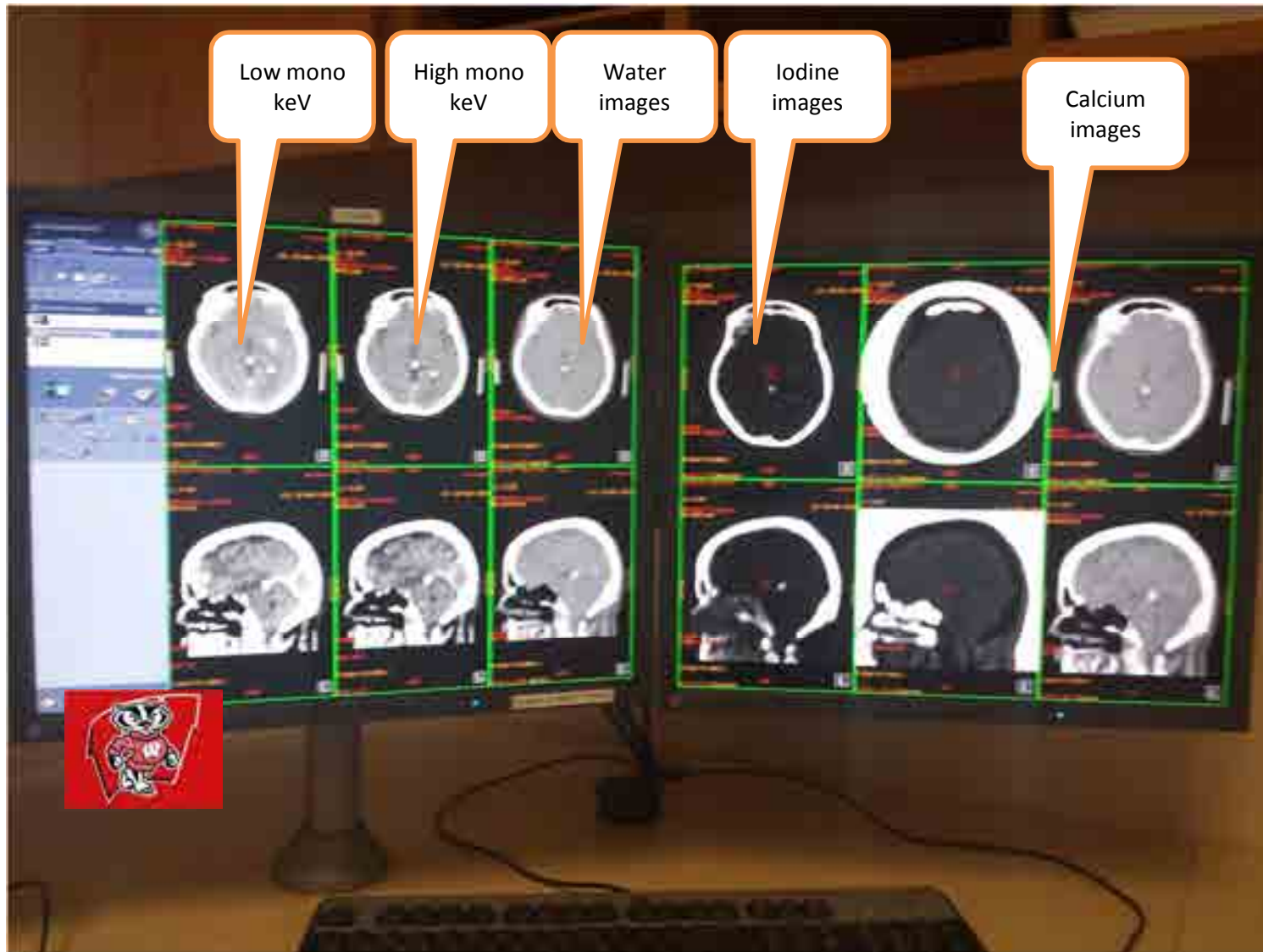
2) Select the exam.

4) Left click "**Mono MD Compare.**" You might have to move the slider down to see the application listed

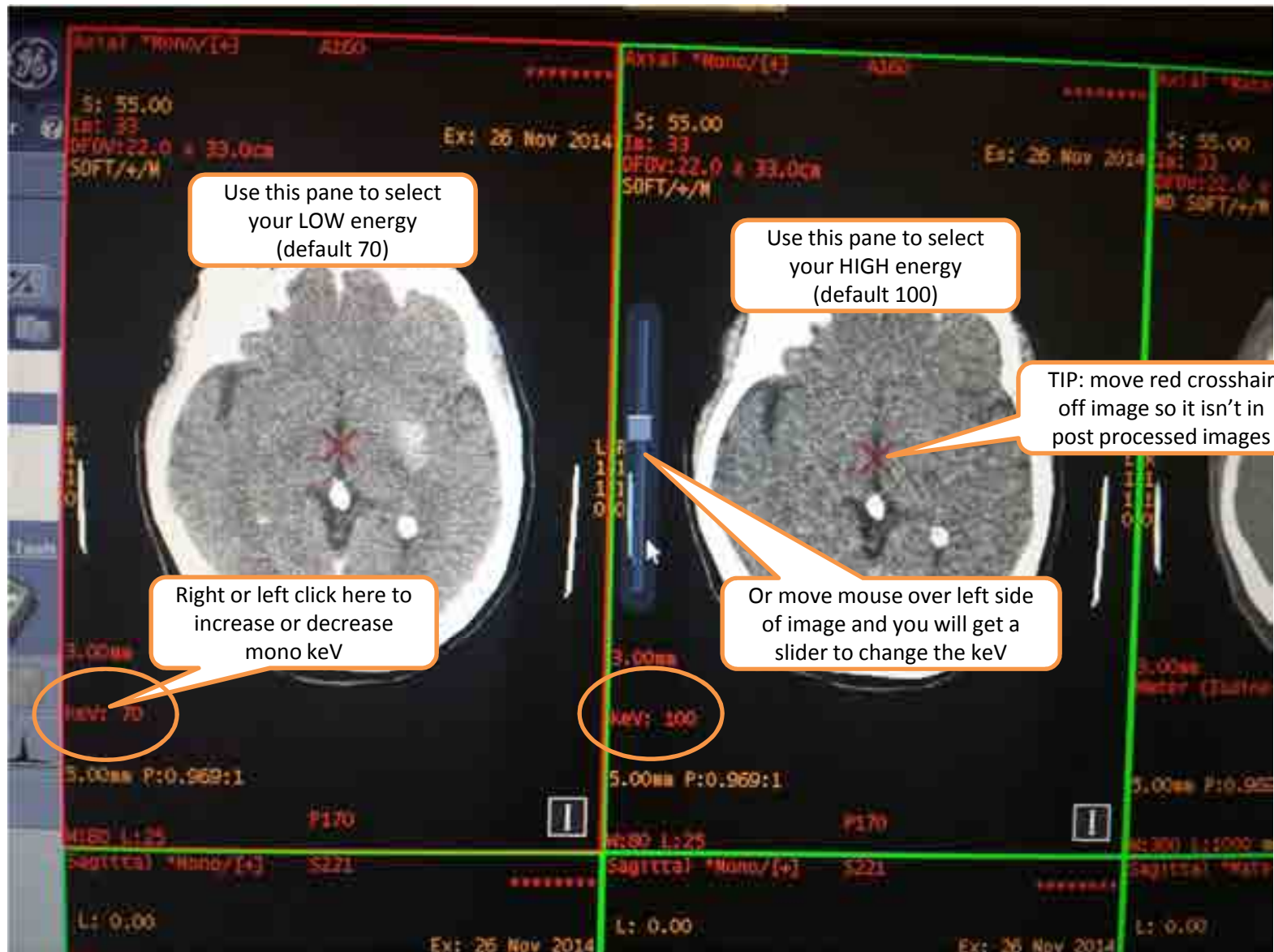
3) See all the processed series



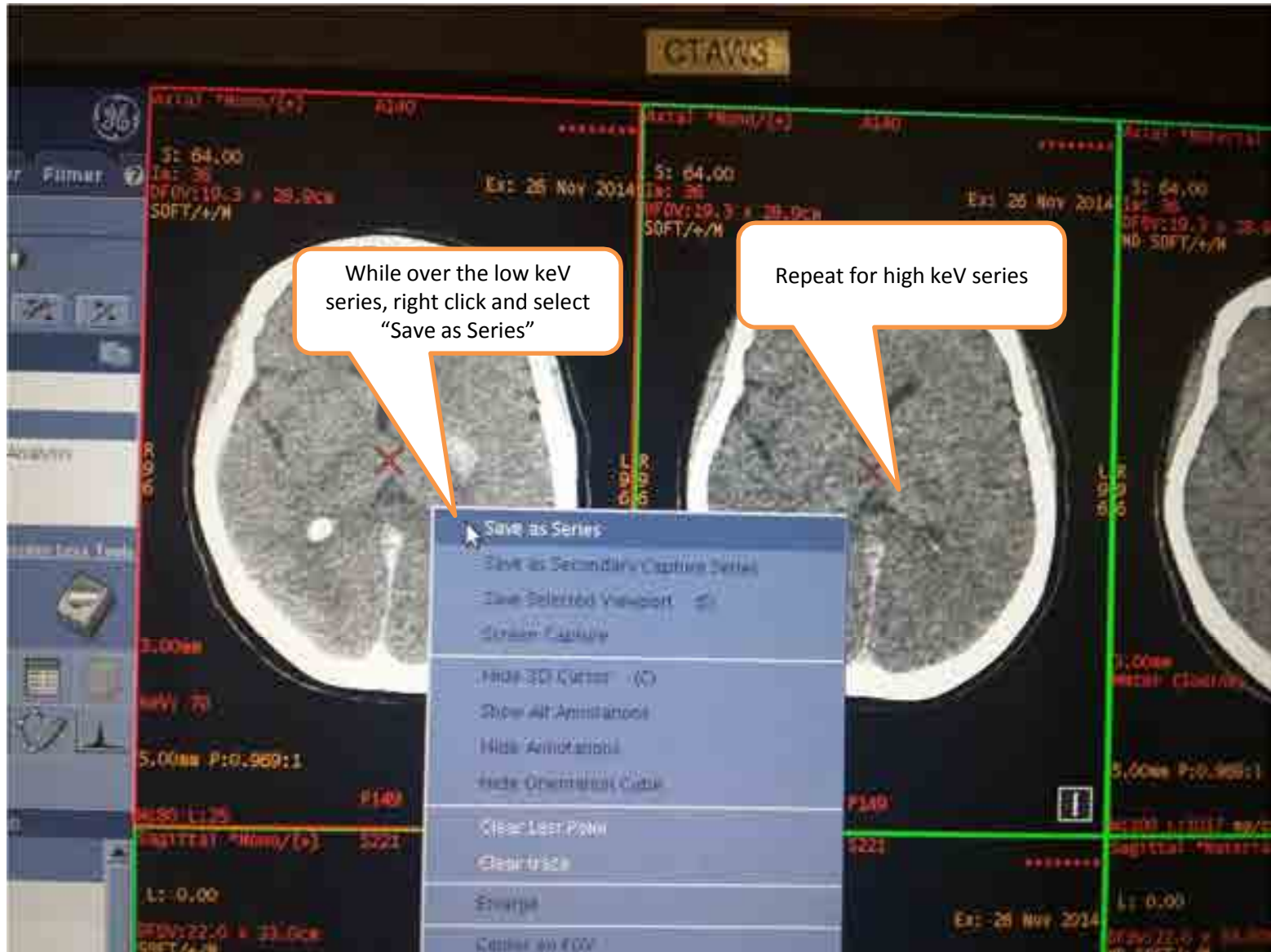
3) See all the processed series



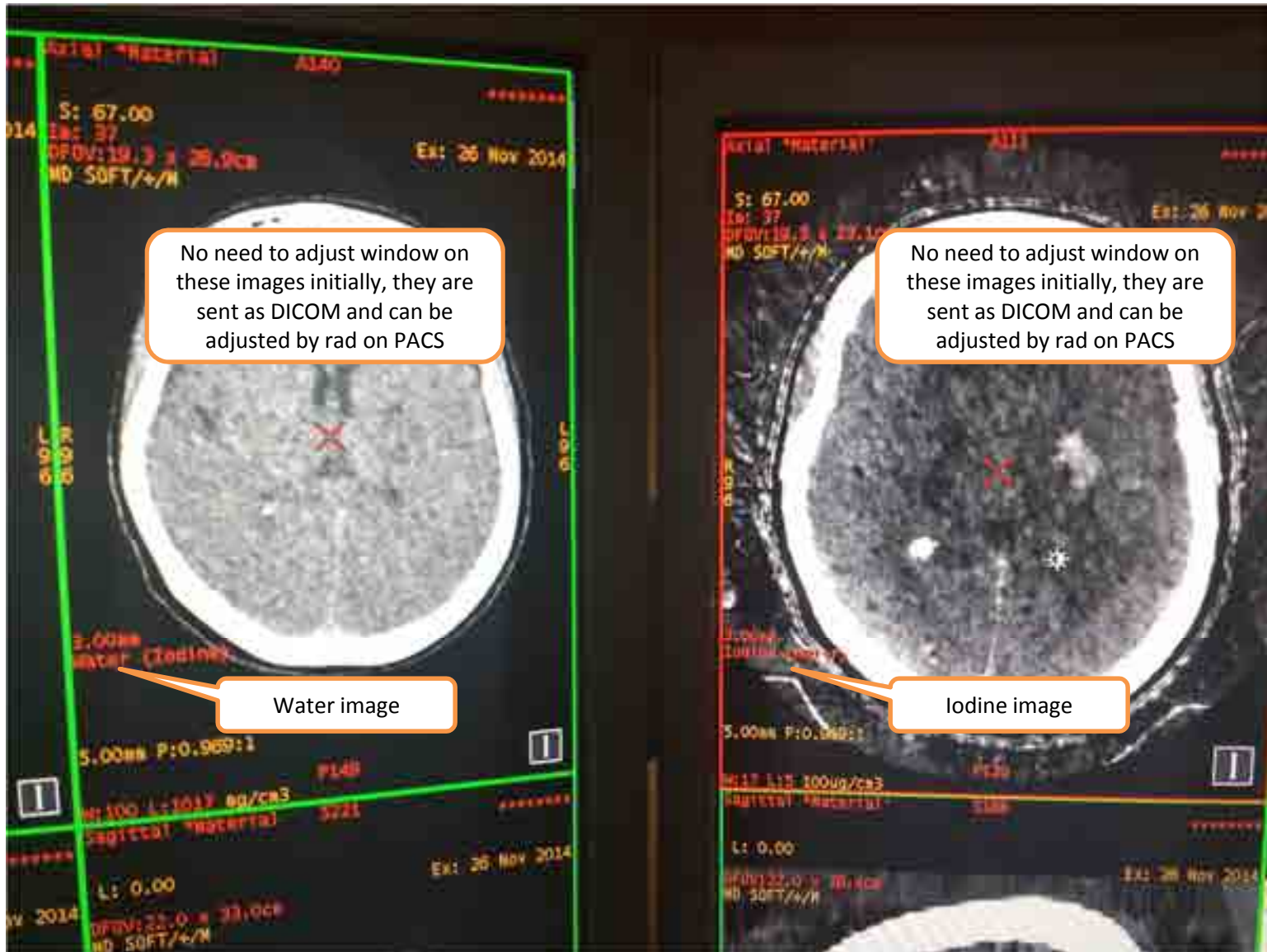
3a) Choose low and high mono keV



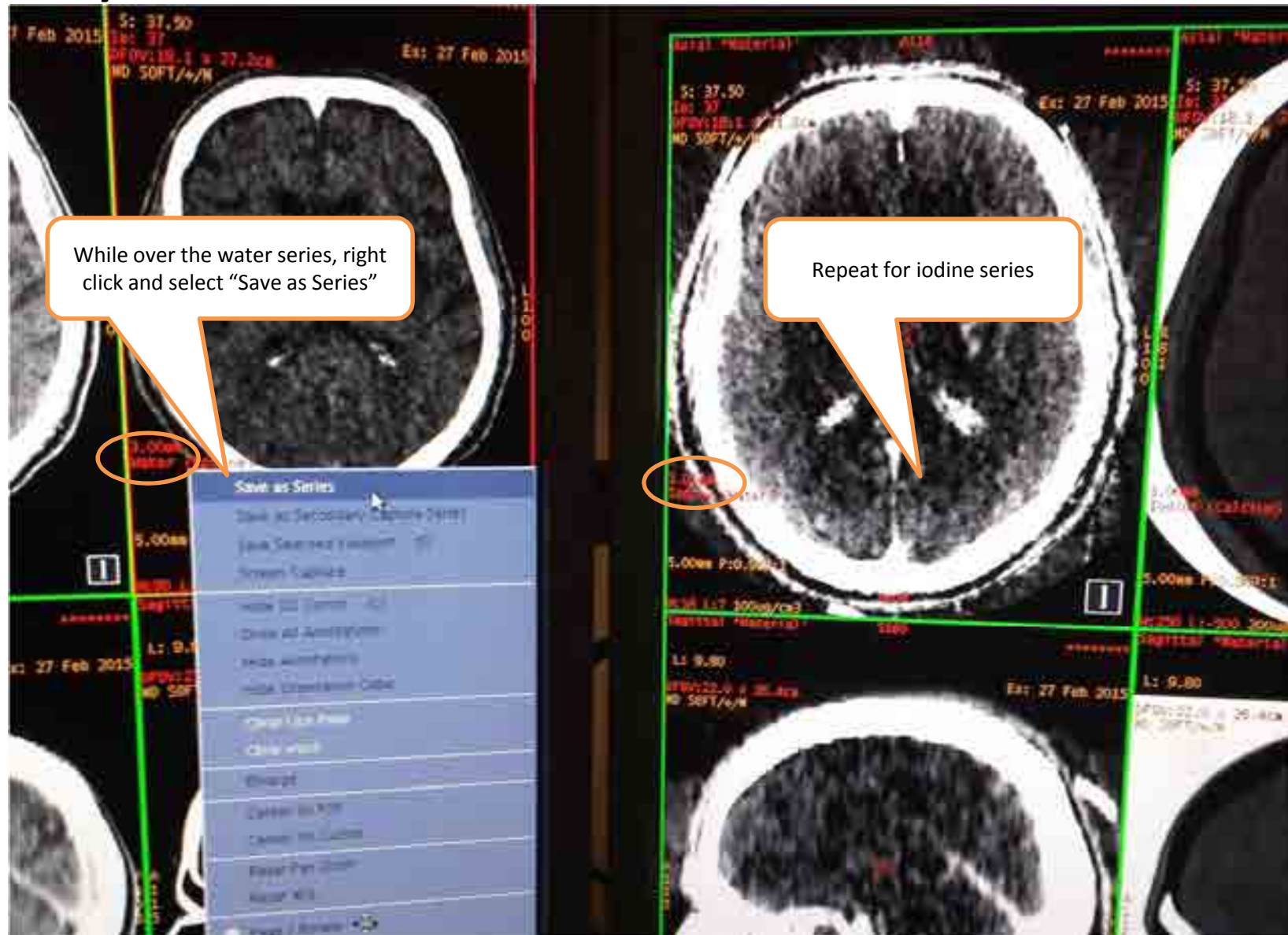
3b) Save series – low and high keV



4a) Prepare Water & Iodine images



4b) Save series – water and iodine



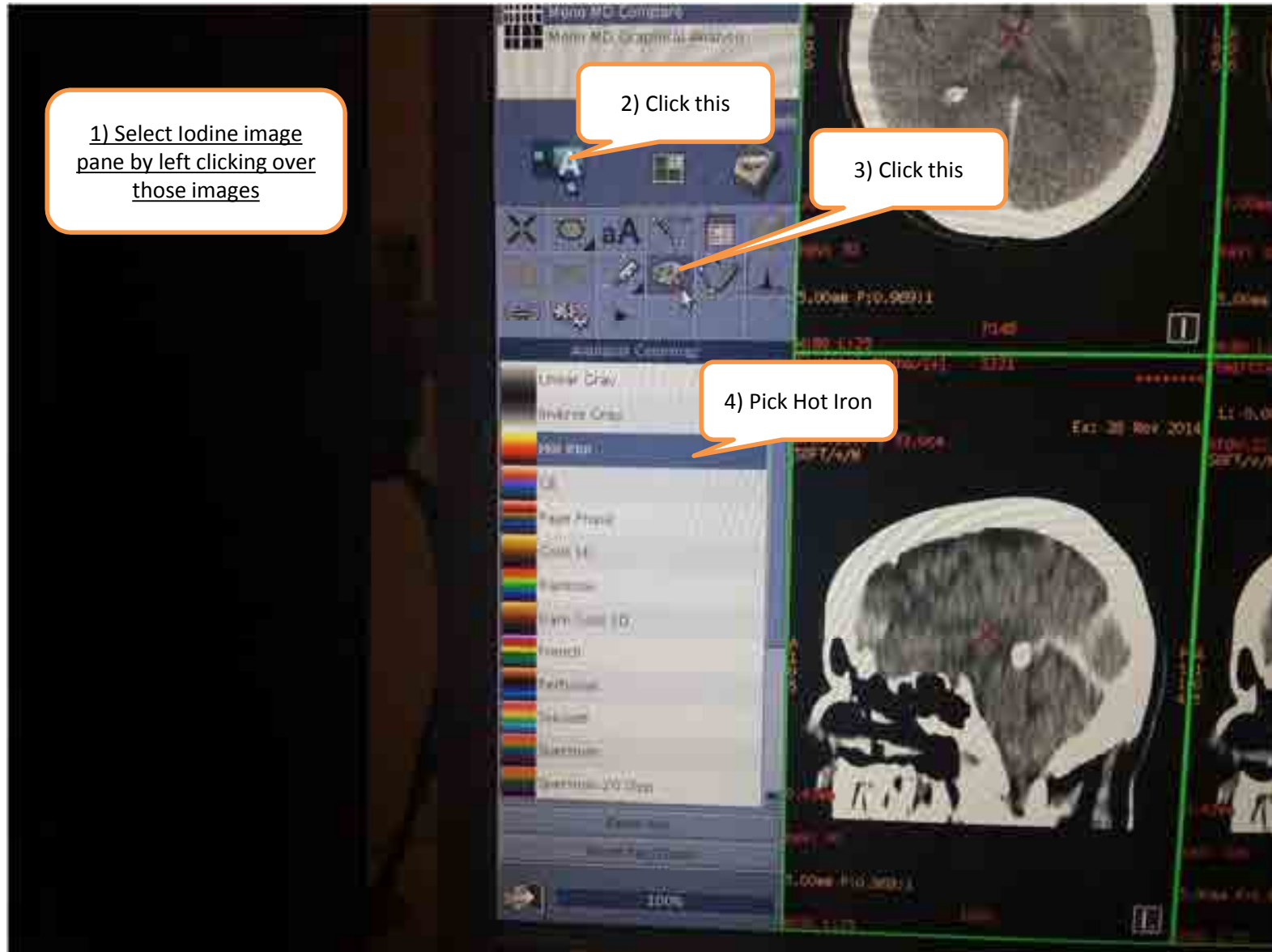
5a) Color Iodine images

1) Select Iodine image pane by left clicking over those images

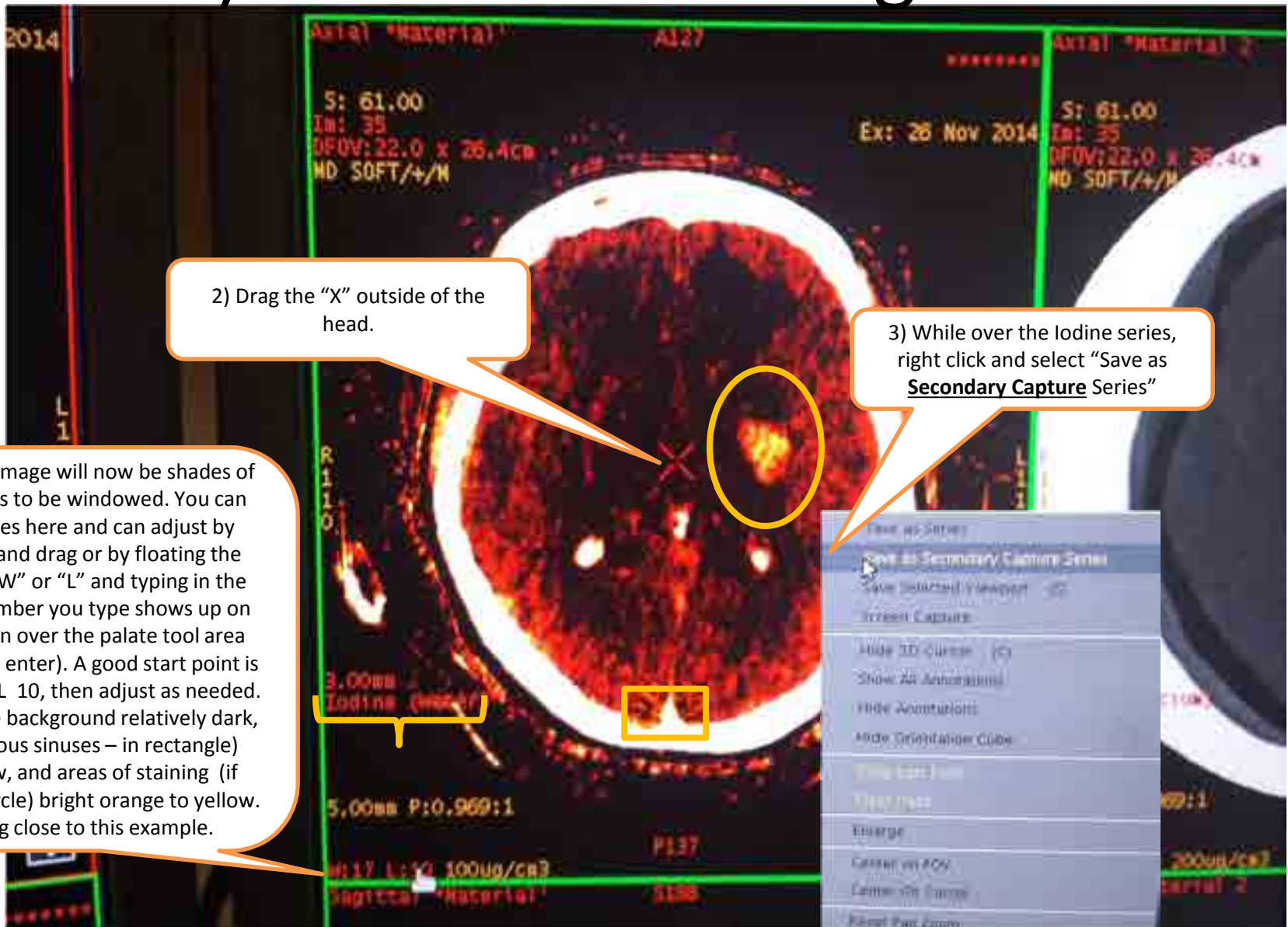
2) Click this

3) Click this

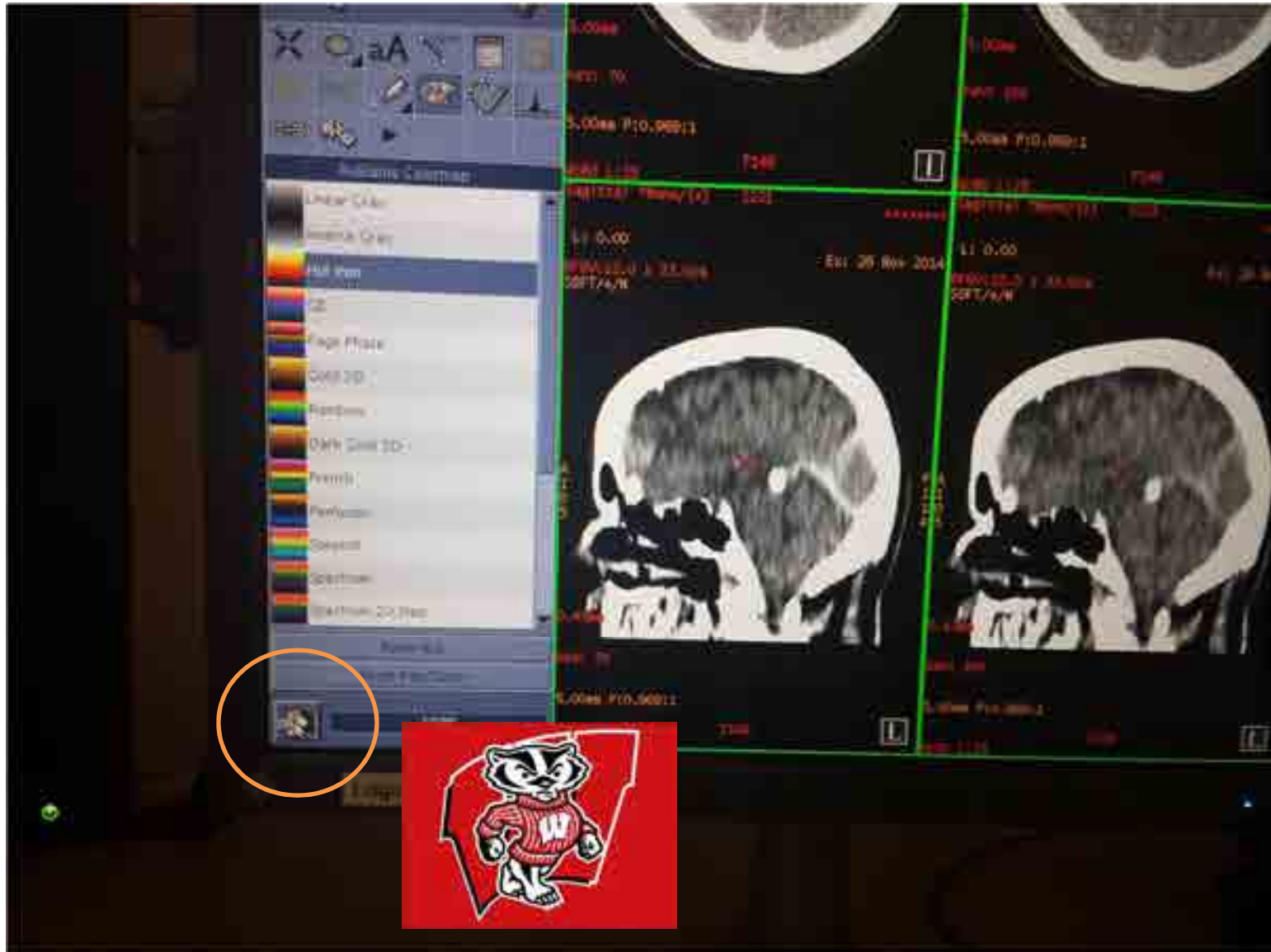
4) Pick Hot Iron



5b) Color Iodine images



6) Exit dual energy program



7) Send images to PACS!

The screenshot shows a medical software interface with two main tables. The top table, titled '1 / 225 examinations', lists patient information and exam details. The bottom table, titled '5 / 14 series', lists image series with columns for Series, Type, Images, Description, Modality, Manufacturer, Azimuth, and Phase. A dialog box titled 'Push selected series(3)' is open, showing a list of remote host destinations, with 'ALI_STORE_SCP' selected. A red box with a white outline containing a cartoon mascot is overlaid on the left side of the examination table.

Patient Name	Patient ID	End Rev.	Exam ID	Date	Description	Modality
	86	New	17833	Feb 23 2015	CT HEAD W/O IV CONTRA	CT
	89	New	6210	Feb 23 2015	CT ANGIO LOWER EXTREMI	CT
	27	New	17848	Feb 23 2015	CT ANGIO ABDOMEN	CT
	44	New	17848	Feb 23 2015	CT ANGIO CHEST	CT
	47	New	17848	Feb 23 2015	CT HEAD W/O IV CONTRA	CT
	68	New	17848	Feb 23 2015	CT ANGIO ABDOMEN & PEL	CT
	107	New	17848	Mar 02 2015	CT HEAD W/O IV CONTRA	CT
	251	New	18051	Mar 03 2015	CT HEAD W/O IV CONTRA	CT

Series	Type	Images	Description	Modality	Manufacturer	Azimuth	Phase
1000	REFORMATTED	60	Mood 70 kV	CT	GEMS	No	No
1001	REFORMATTED	60	Mood 100 kV	CT			
1002	REFORMATTED	60	Water (iodine) mg/cm3	CT			
1003	REFORMATTED	60	Iodine (Water) 100ug/cm3	CT			
1004	SCRT	60	Iodine (Water) 100ug/cm3	CT			

1) Make sure your exam is selected again

2) Hold CTRL and left click on each of the series you made to select all of them (names could be different)

3) Click here

4) Select "ALI_STORE_SCP"

5) Push