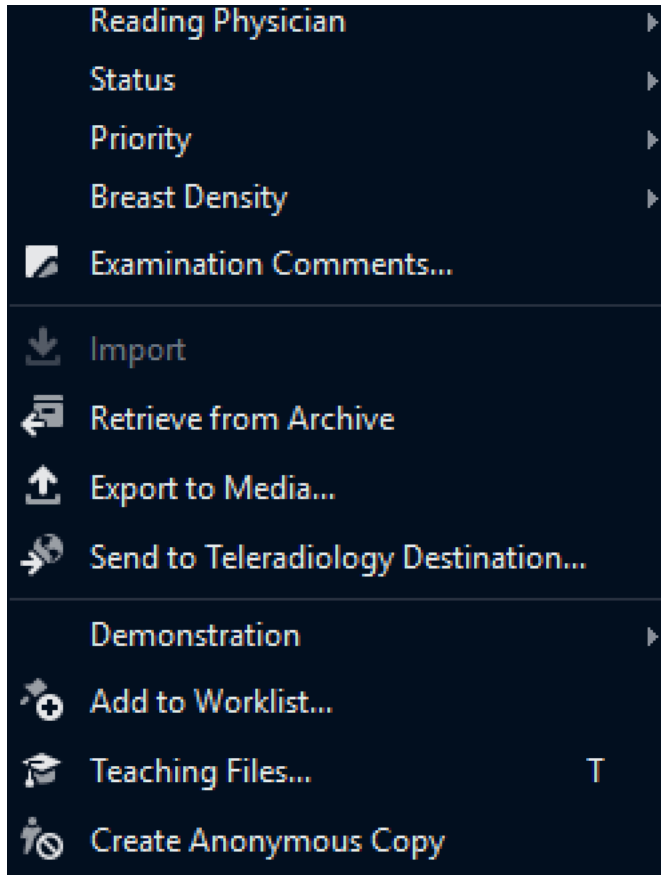


How to download and anonymize DICOM data for your AIRP submission in Sectra

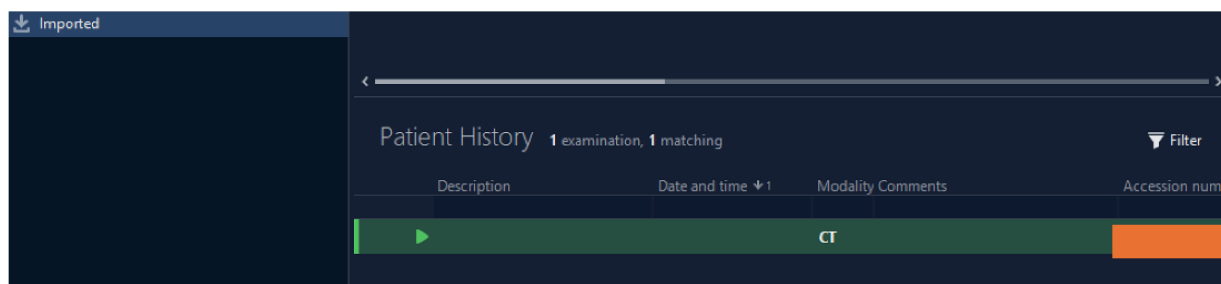
This is for cross-sectional imaging (CT and MRI).

Open Sectra

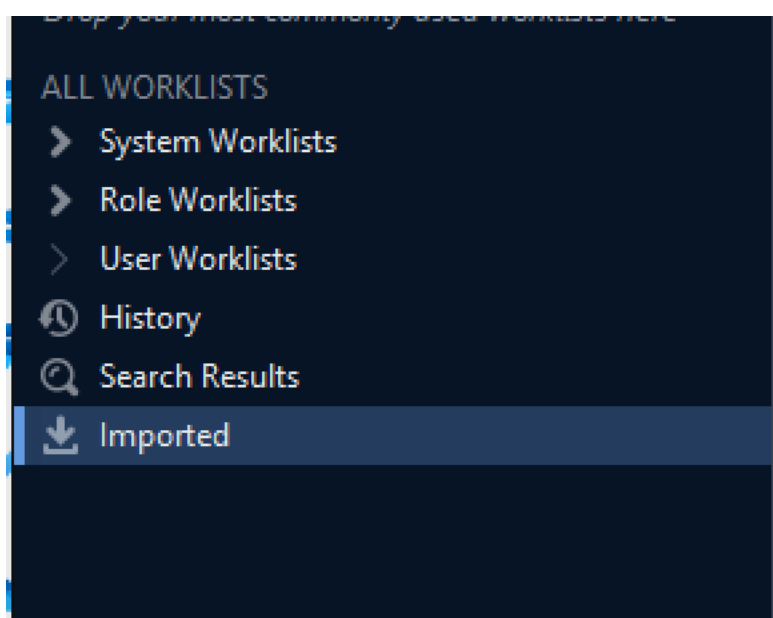
Find your study (i.e., MRN search)



Right click and click “Create Anonymous Copy” on the study
(click second option under Clinical Trial...).. “Default Anonymization Profile”



This will now be under “Imported”



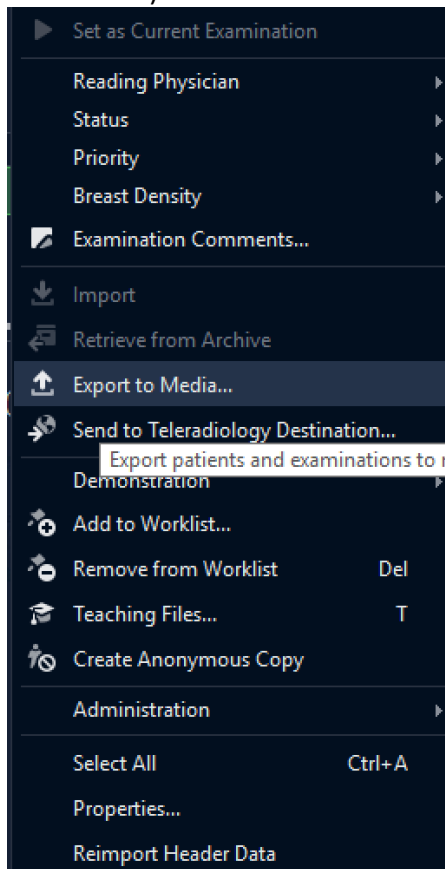
Note that some of the files imported under “Imported” are NOT completely anonymous as there are contrast and radiation dose series/pages that contain patient identifiers (and even whole VRAD reports with patient information).

I also scroll through each image under the series to see that it is clear of any PHI.

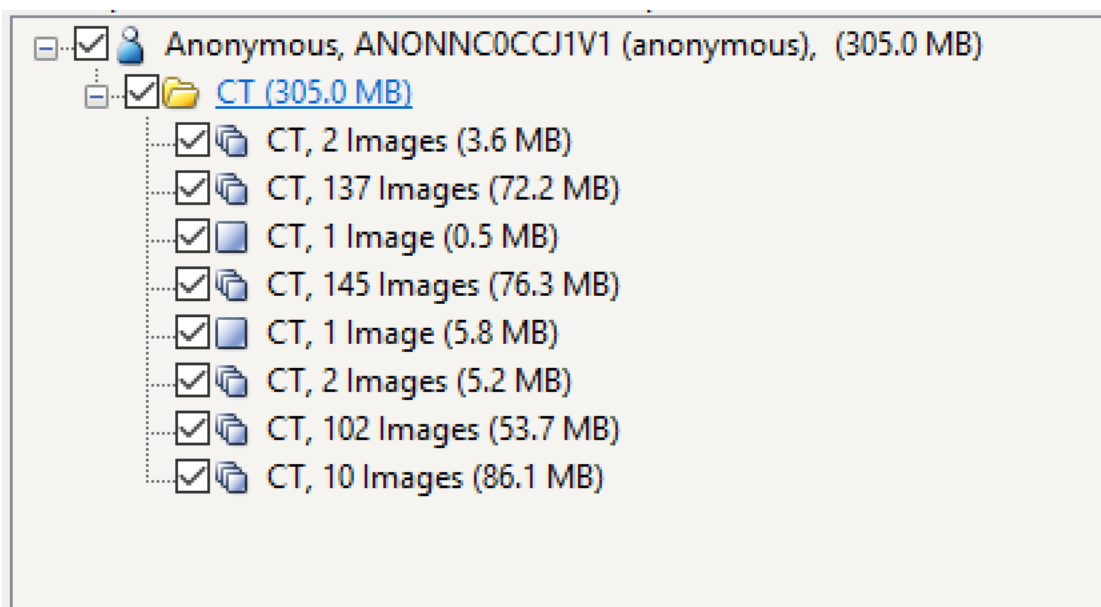
Also, click on each series (axial, coronal and sagittal) and press “SHIFT D” on the key board. Go through each information to check there are no identifies and they have all changed (i.e., ordering provider, accession #, workstation etc). Review to make sure all identifiers are changed.

Note which series you want to export by the # of images in the series. For example, my CT scan had 137 axial images, 145 sagittal images and 102 coronal images. I noticed the screen shots,

VRAD report, patient radiation dose and contrast dose page had <10 images (they all contain identifiers!).



Click drop down menu and unclick everything except for your CT axial, sagittal and coronal images (i.e., the one with 100 + images)



Select patients, examinations and series to export

- ☒ Anonymous, ANONNC0CCJ1V1 (anonymous), (203.8 MB)
 - ☒ CT (203.8 MB)
 - ☐ CT, 2 Images (3.6 MB)
 - ☒ CT, 137 Images (72.2 MB)
 - ☐ CT, 1 Image (0.5 MB)
 - ☒ CT, 145 Images (76.3 MB)
 - ☐ CT, 1 Image (5.8 MB)
 - ☐ CT, 2 Images (5.2 MB)
 - ☒ CT, 102 Images (53.7 MB)
 - ☐ CT, 10 Images (86.1 MB)

☐ Export key images and key series only
☐ Export requests
☐ Export scanned documents
☐ Export reports (including drafts)
☐ One patient per media

☐ Include JPEG images and viewer
☒ Include DICOM images
☐ Include DICOM viewer
☐ Include annotations
☐ Include original videos and PDFs

Select All

Clear All

Default Anonymization Profile ▼

Destination:
 K:\AIRP 3 ▼

Note that images will be exported with their original orientation and may be displayed differently in the receiving system.

OK

Cancel

Uncheck everything except DICOM images.

(If you want to view the DICOM images and you do not have a program to view them, I was told to click “Include DICOM viewer”)

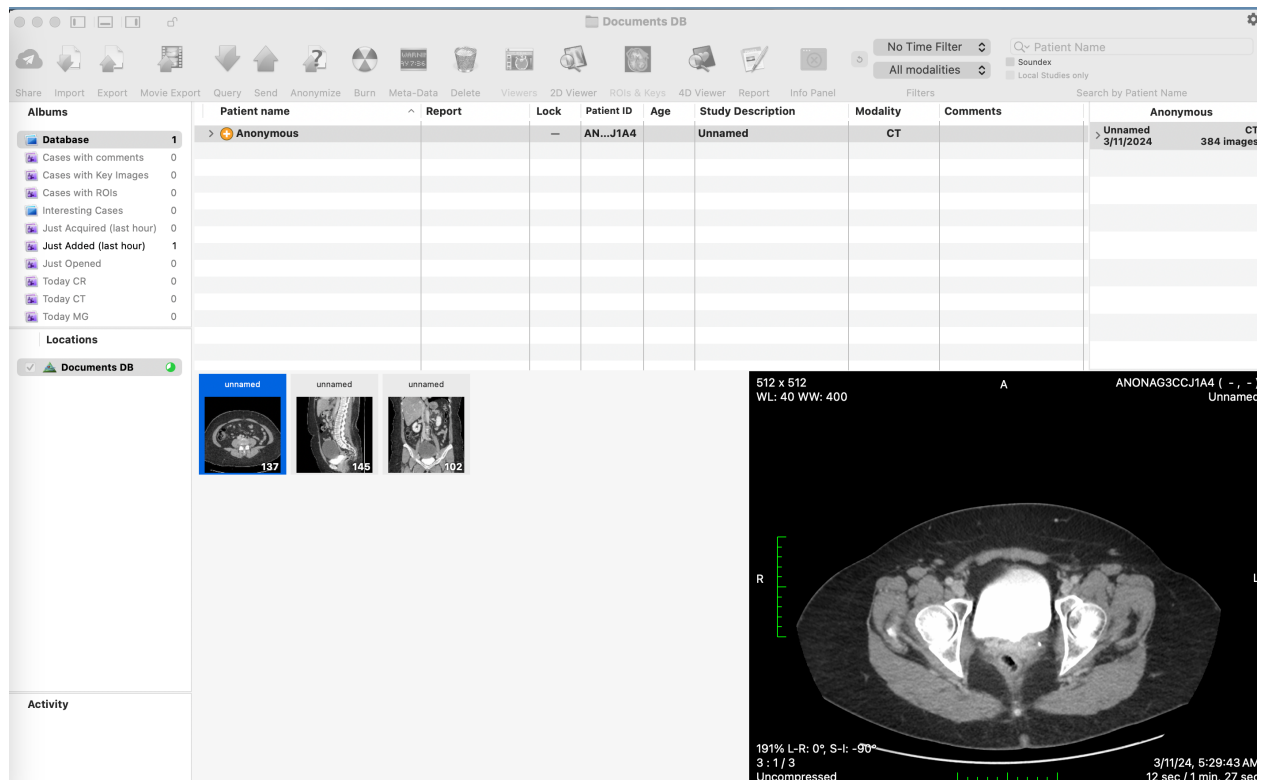
Open your saved/exported file to make sure that your exported images do not contain any identifying information for additional safety checks!

I found a free trial DICOM viewer program that a lot of research people here use:

<https://www.osirix-viewer.com/osirix/osirix-md/download-osirix-lite/>.

Uploaded my DICOM image file into Osirix and went through to make sure I exported the correct series without any identifying info. Looks like you can probably delete series/images on the program.

This is what Osirix looks like – note that all information has been removed and it only has the three relevant series I wanted.



How to obtain de-identified ultrasound images

- Open a request with the following link and the PACS team will process them. Please be specific that this is for AIRP submissions in the request description.
- Request a service or a change: <https://pulse.ucsd.edu/departments/is/ServiceManagement/Entlmg/Pages/Service-Request.aspx>