CBCT Export Instructions

PARAMOUNT
DENTAL
STUDIO

Index

Manufacturer Type

1. New Folder

On your desktop, right-click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Export

Open the patient history and right click on the tile of the newest CBCT. Select "Export DICOMDIR".
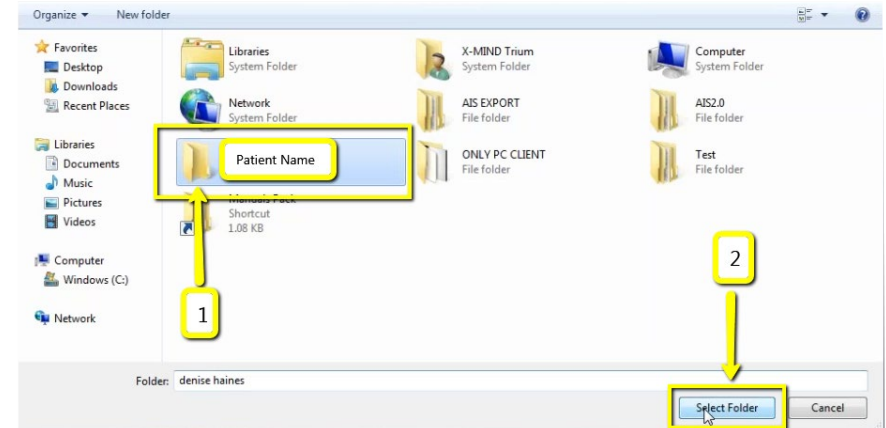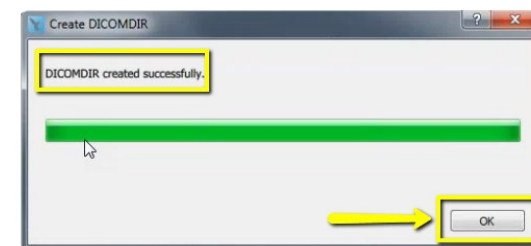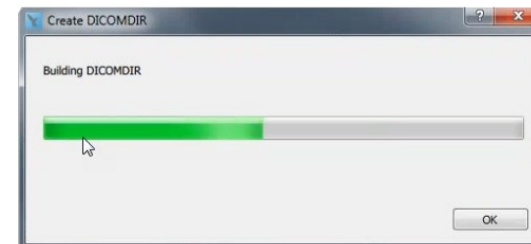

3. Select Folder

Click the folder you made on the Desktop and click "Select Folder".
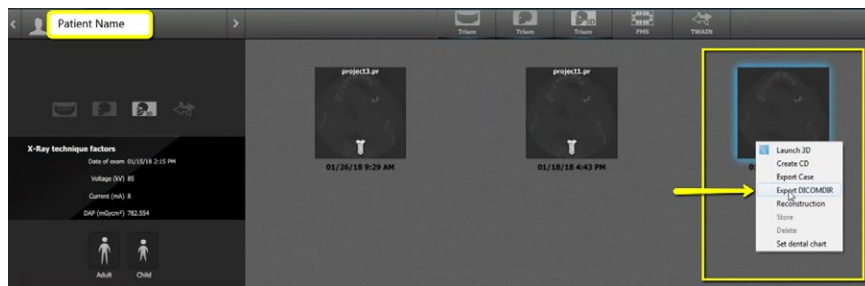
4. Complete Export

The DICOM will begin exporting. Click "OK" once complete.
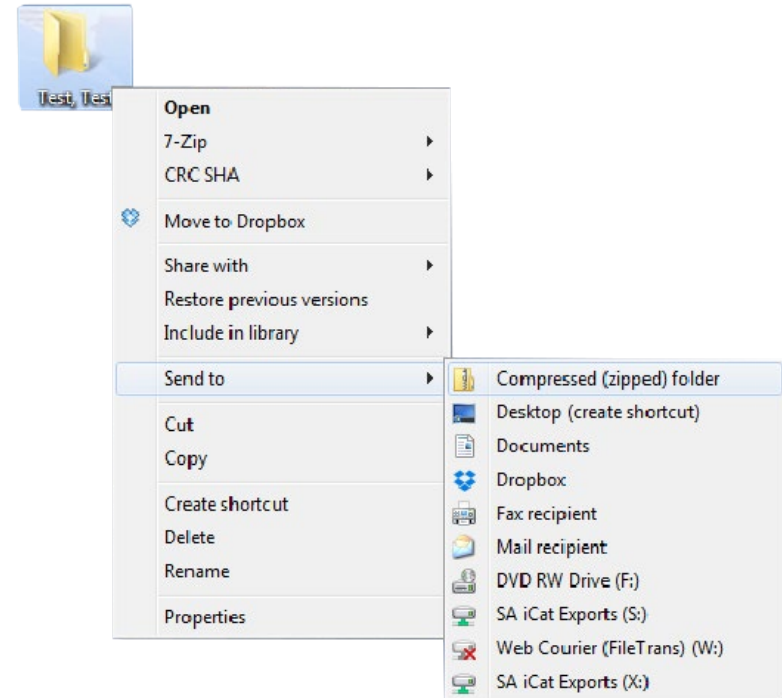
5. Verify

After the DICOM exports and saves, go to the patients folder and verify the .dcm files were exported correctly; there should be several hundred files.
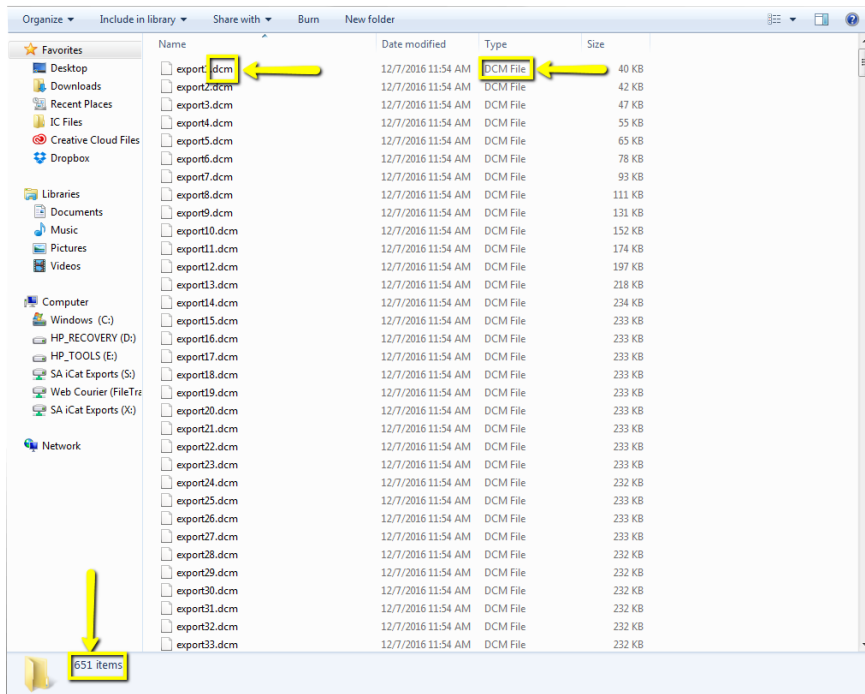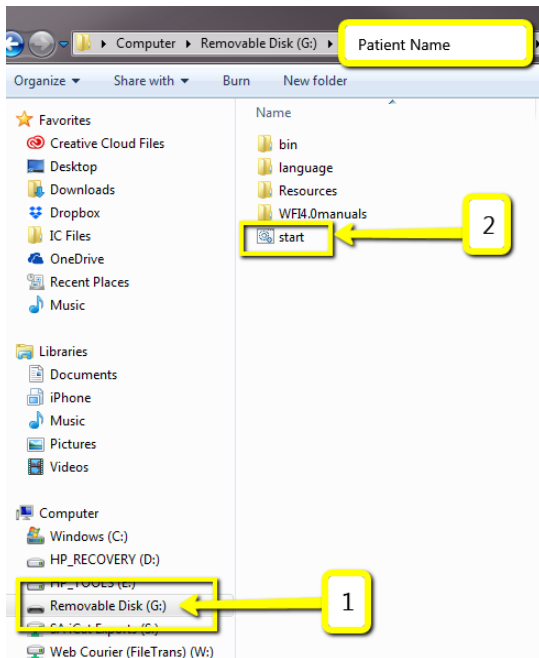

6. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".

1. Start

Open the CD/USB and click "Start".

2. Load in AIS3DApp
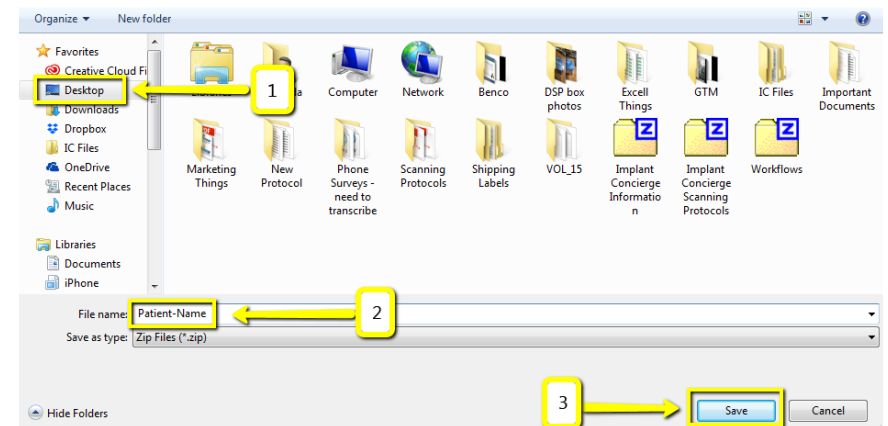
Once the CBCT loads in the AIS3DApp, click the folder icon under "DICOM Series". Click "Zip DICOM series".
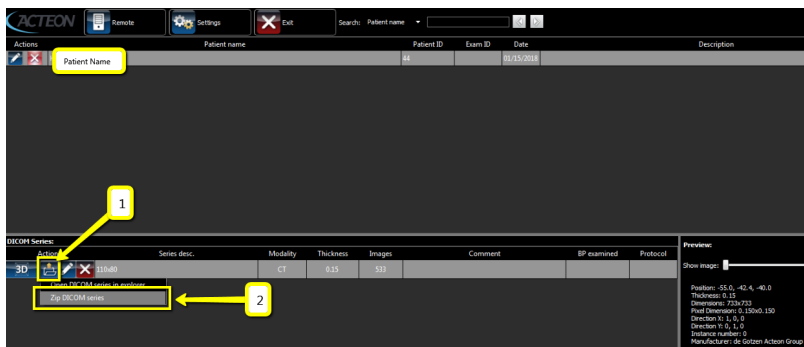
3. Save

A pop-up will appear for the save location. Select "Desktop". Type the patients name into the "File Name". Click "Save".
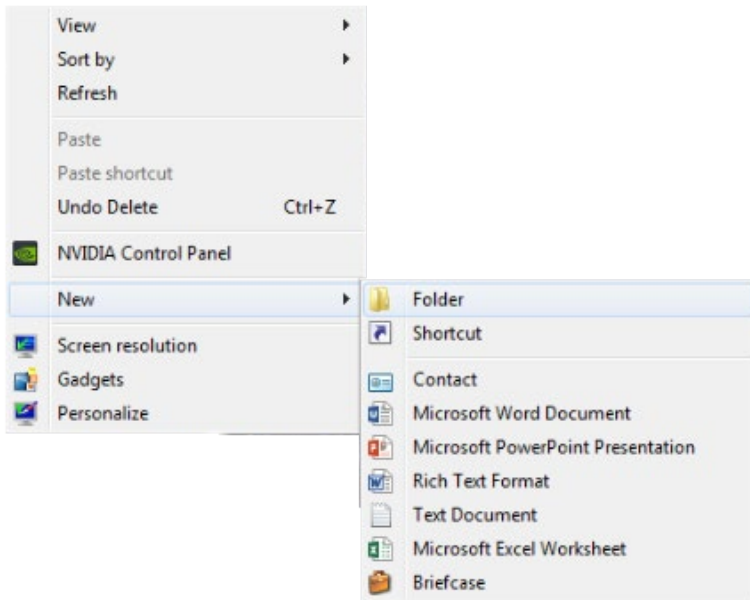

4. Finishing export

In the upper-right-hand corner, you will see a loading box. There will not be an alert when it has finished exporting.
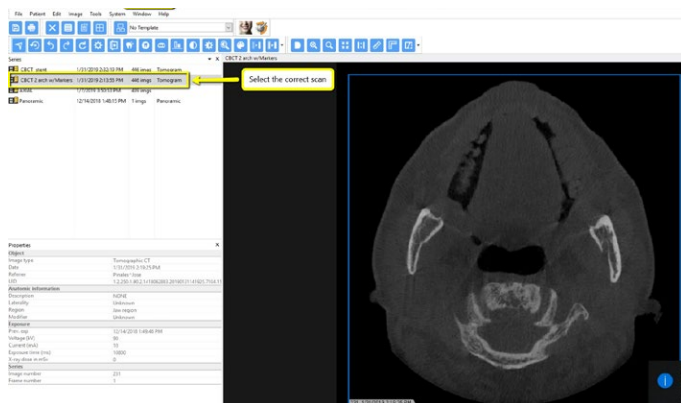
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Select Scan

Select your patients CBCT scan in the MiPacs software.

3. Export

Go to "Image" and click "Export Images".
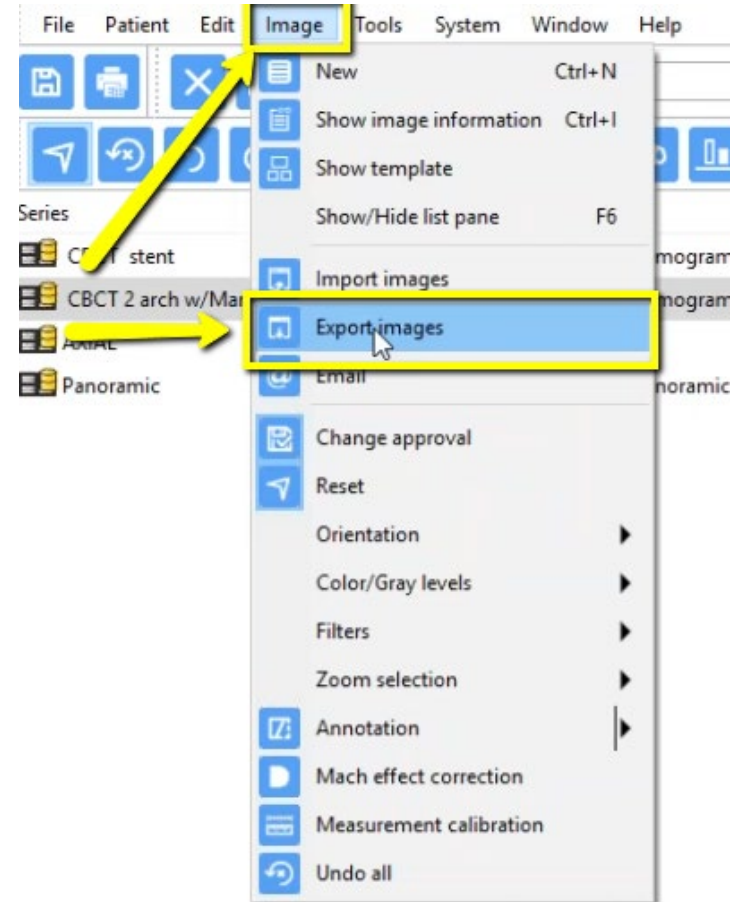
4. Select folder

A pop-up box will appear. Under "Destination" select the folder you created on your desktop and click "Ok".
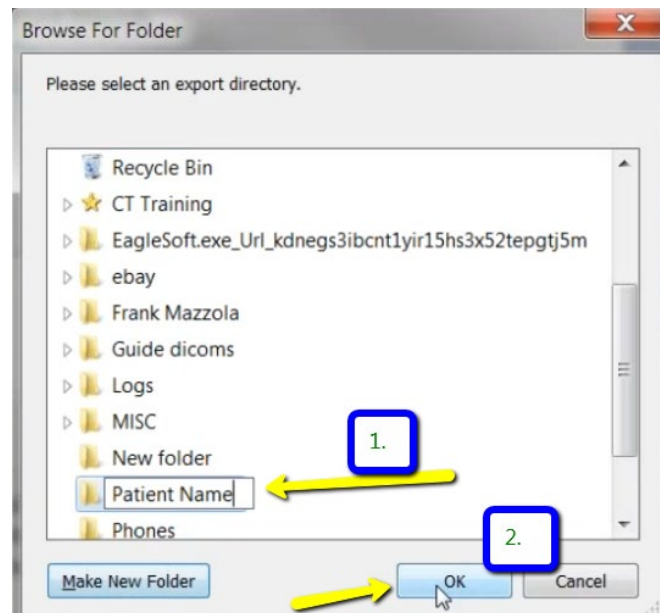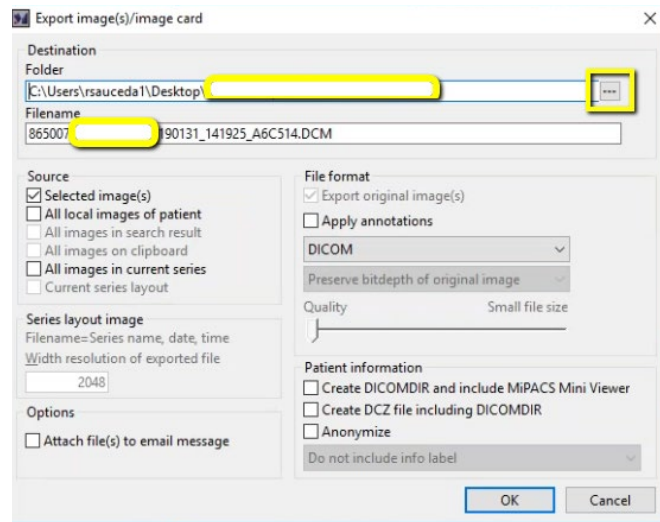
5. Check boxes

Ensure that "Selected image(s)" is checked and that the "File Format" is set to "DICOM". No other boxes should be checked. Click "OK".
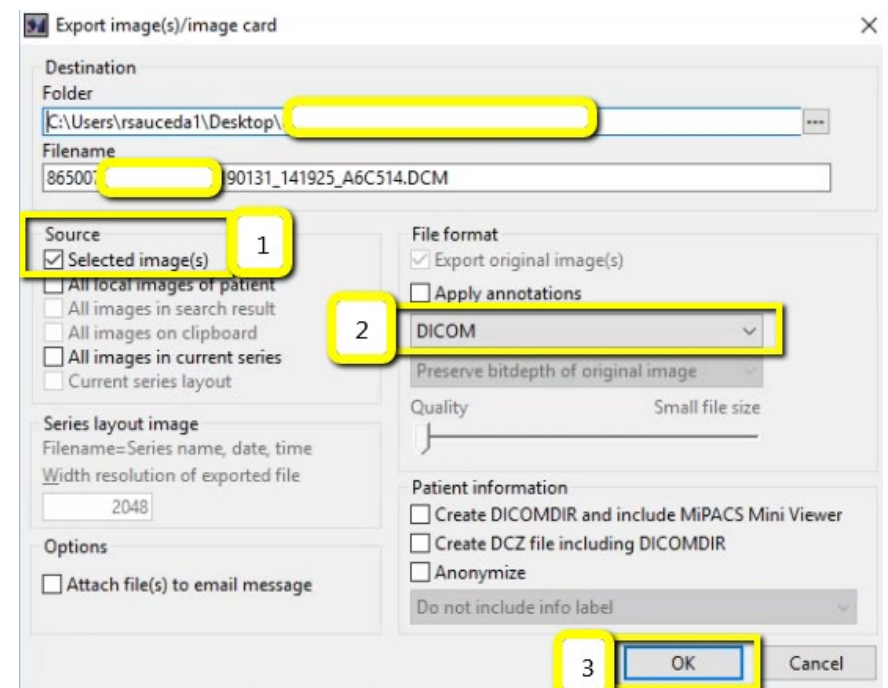
6. Verify .dcm Files

After the DICOM exports and saves, go to the patient's folder and verify the .dcm files were exported correctly; there should be several hundred files.

7. Zip Folder

Go back to the desktop, right click on the patients folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
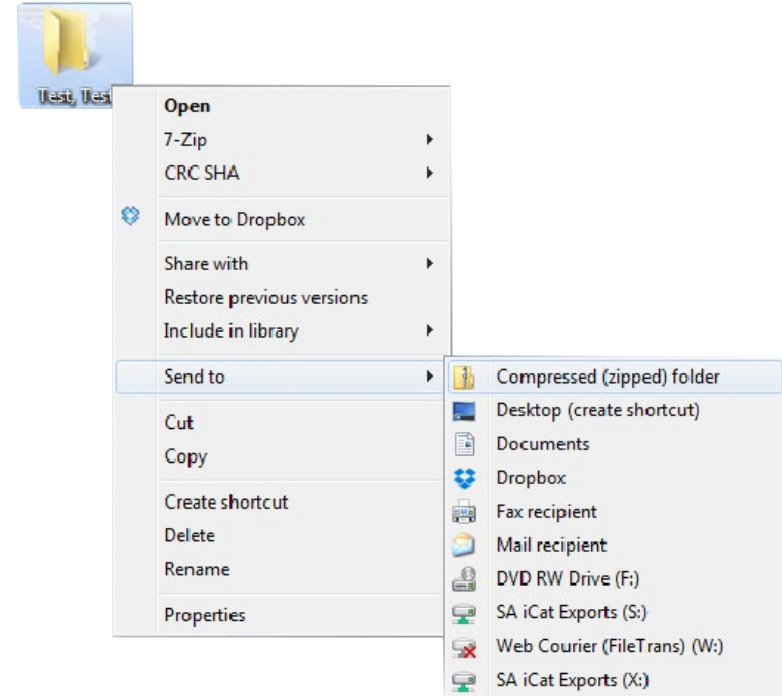
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.


2. Open image

Open your image and go to the "Export the volume" icon located on the left side of your screen.
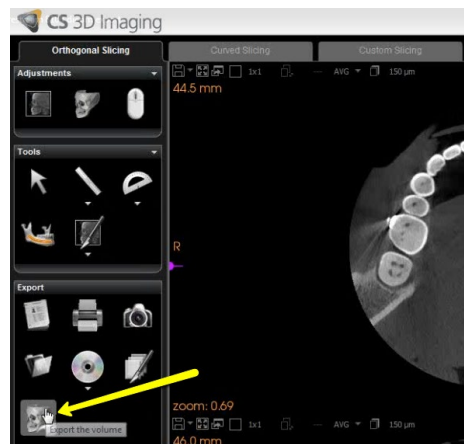
3. Browse

In the pop up window, you'll notice 3 different sections. On the first section, click "Browse" to select the export location.

4. Select folder

Another pop-up will appear. Select the folder you just created on the desktop. Click "OK".

5. Export

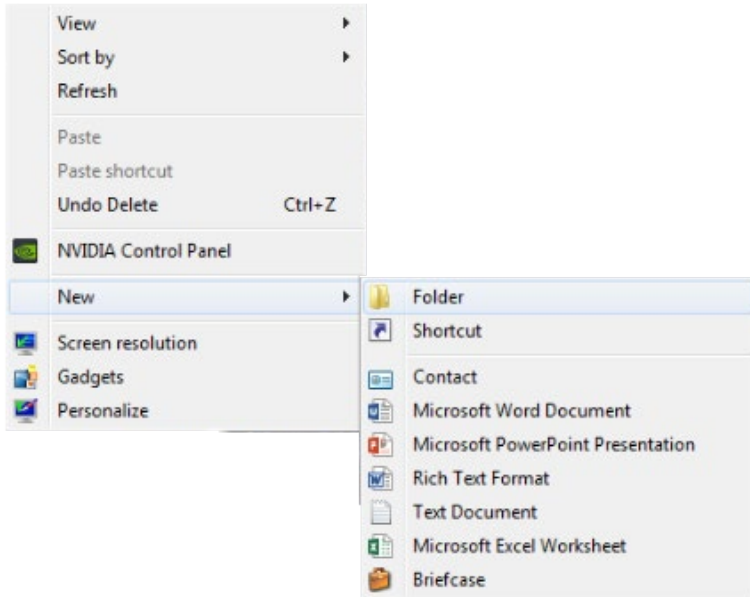The second pop-up will disappear. Section 2 options should never have to be changed. Under section 3, select "CT (one file per slice)" and "Uncompressed". Please unsure that "Create DICOMDir" remains UN-CHECKED. Click "Export".

6. Verify .dcm Files
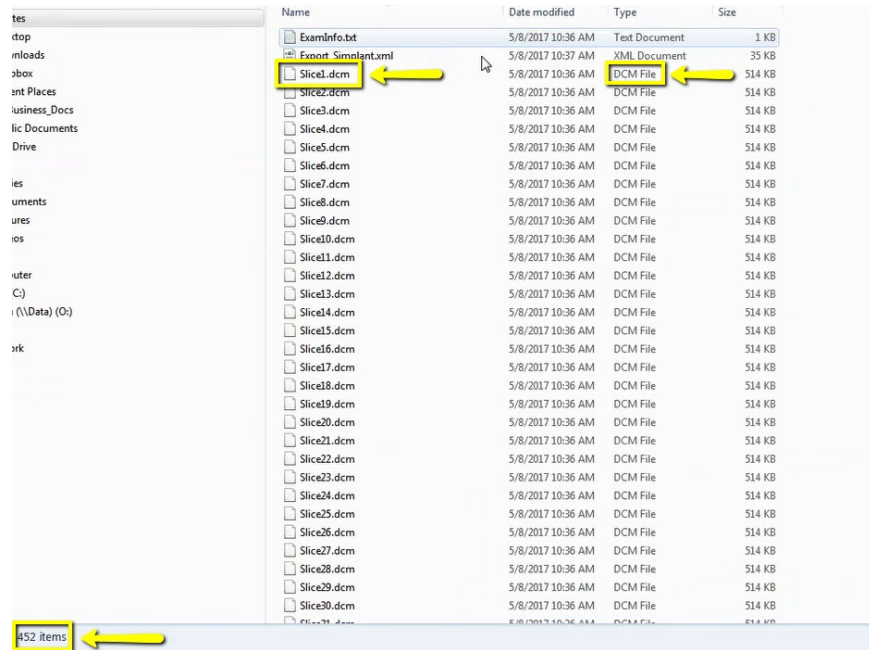
7. Zip Folder

Go back to the desktop, right click on the patients folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
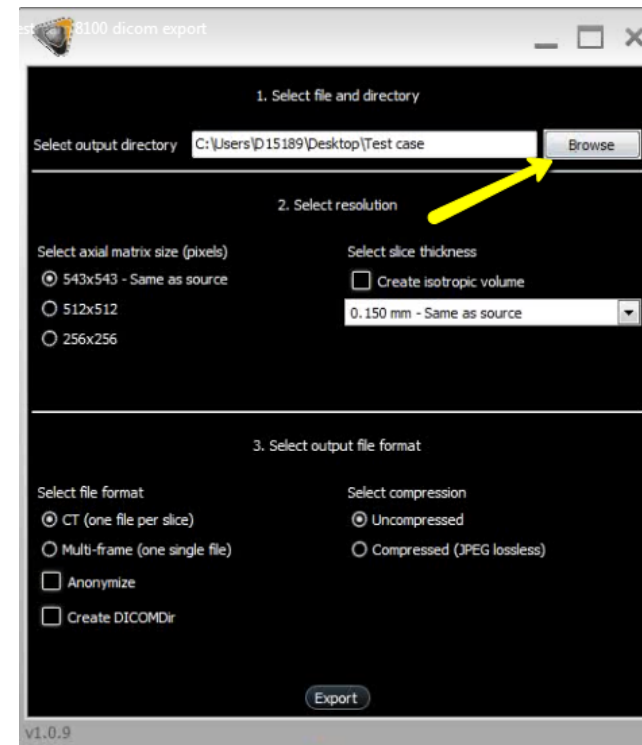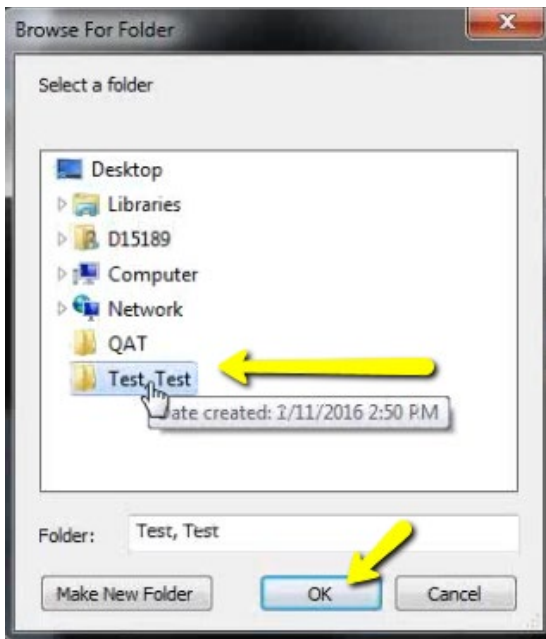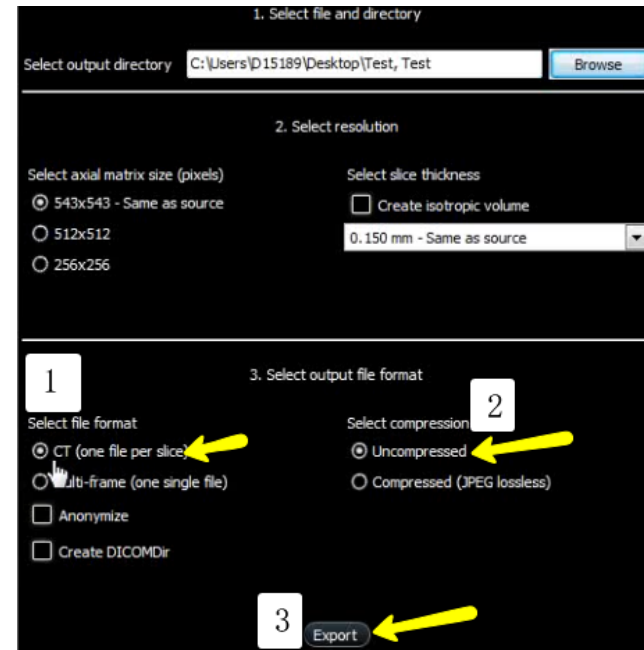
1. New Folder

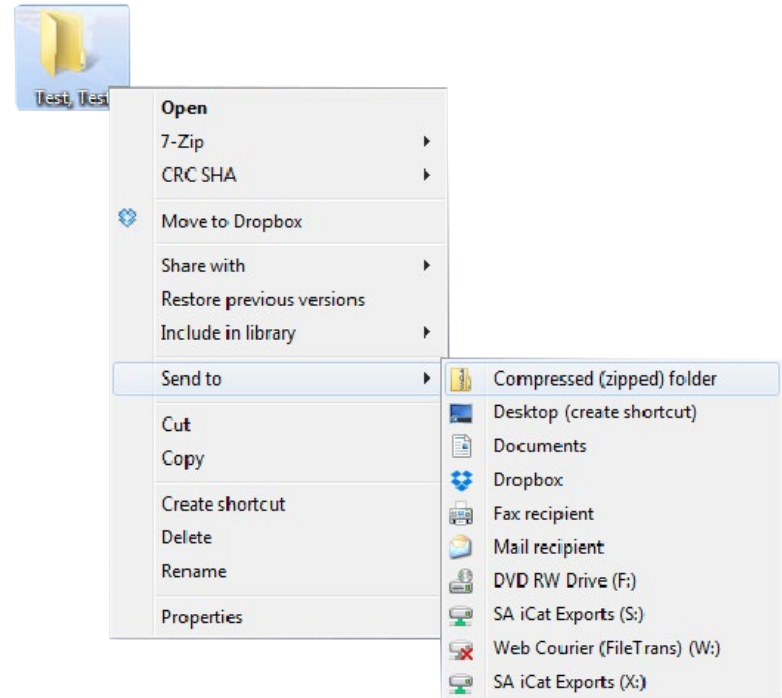On your desktop, right-click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Study Export

Open the patients CBCT scan and click on "Export" and "Study Export".
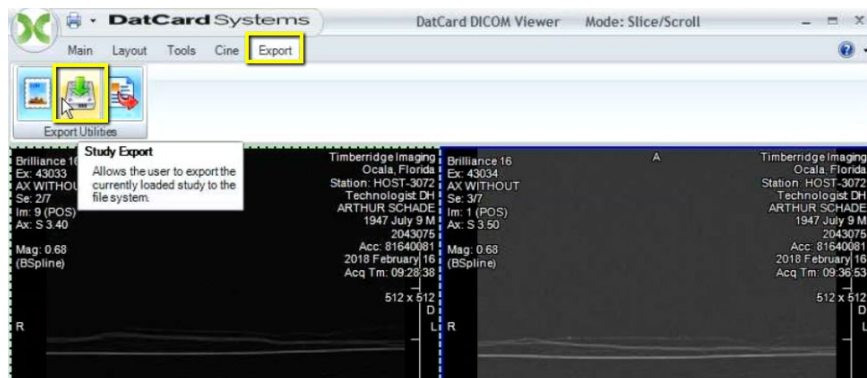
3. Select Folder

A pop up will appear. Under "Export Path", click "Browse Folders" and select the folder you just created on the desktop and click "OK".
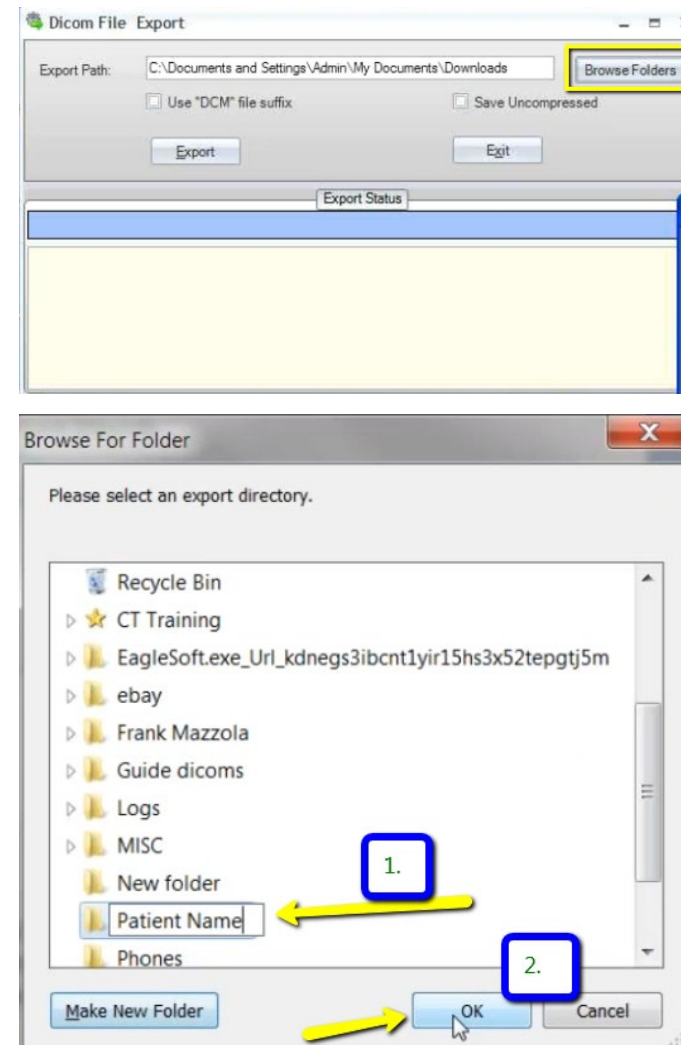
4. Export

Select both "Use DCM file suffix" and "Save Uncompressed". Click Export.

5. Verify .dcm Files

After the DICOM exports and saves, go to the patient's folder and verify the .dcm files were exported correctly; there should be several hundred files.
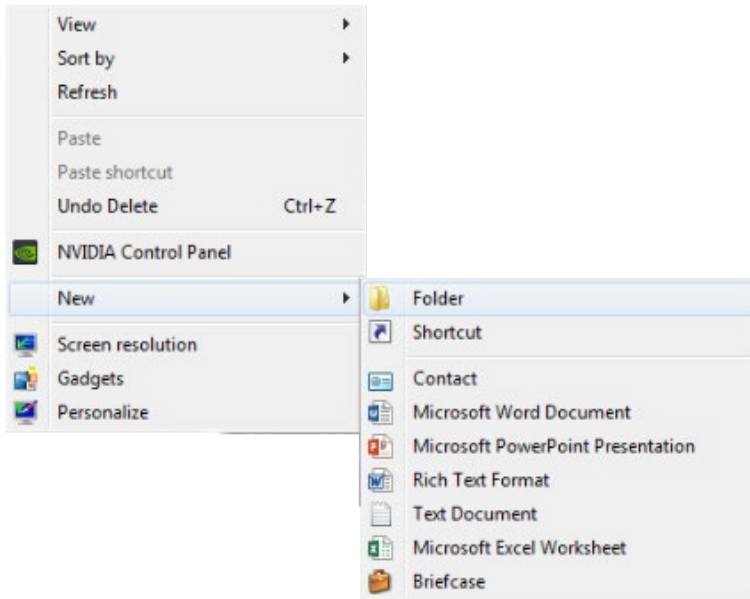

6. Zip Folder

Go back to the desktop, right click on the patients folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".

1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.
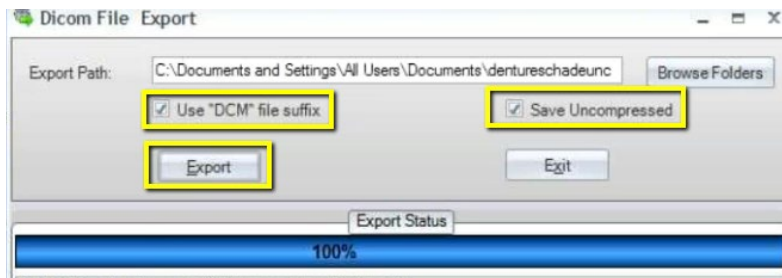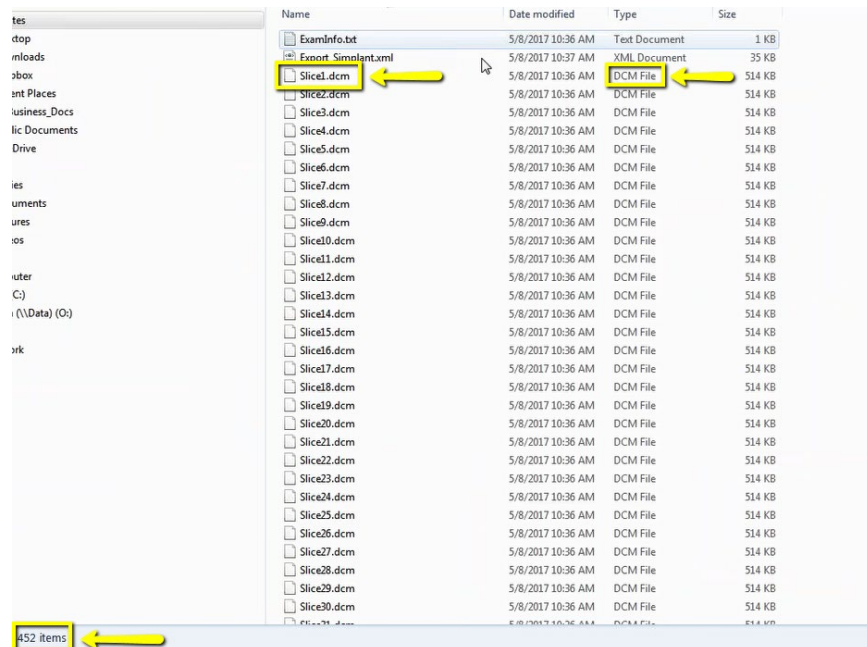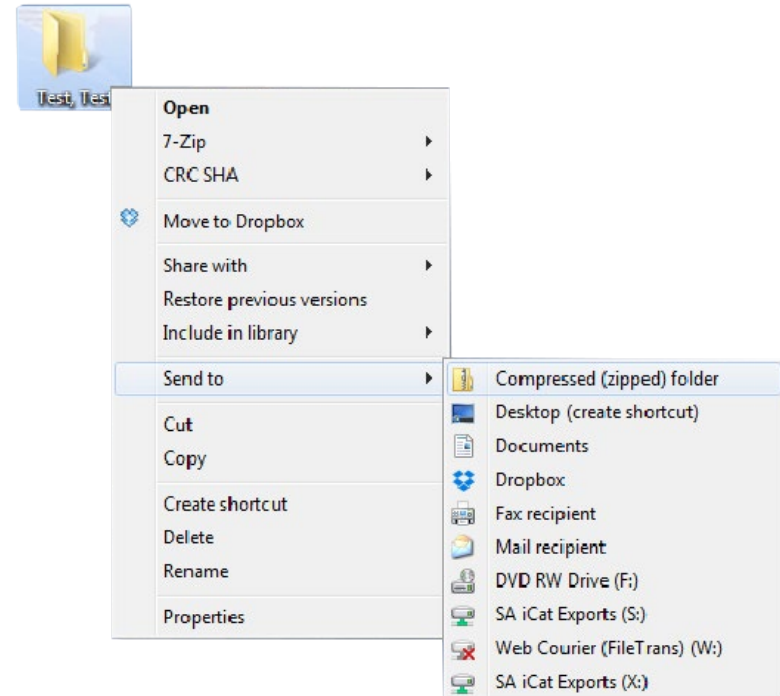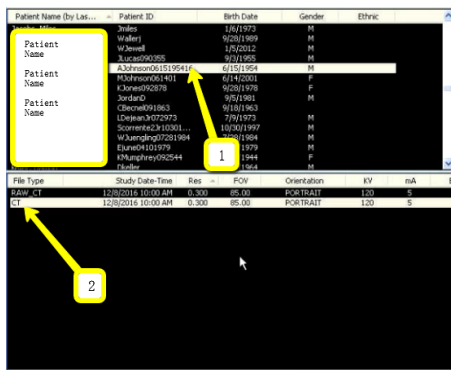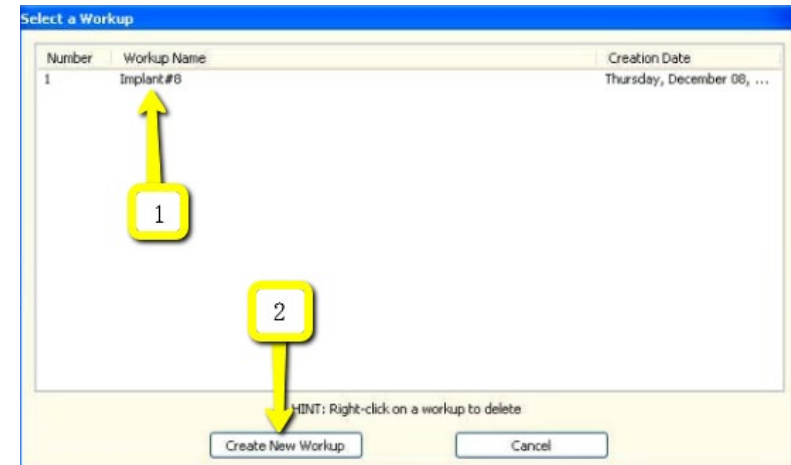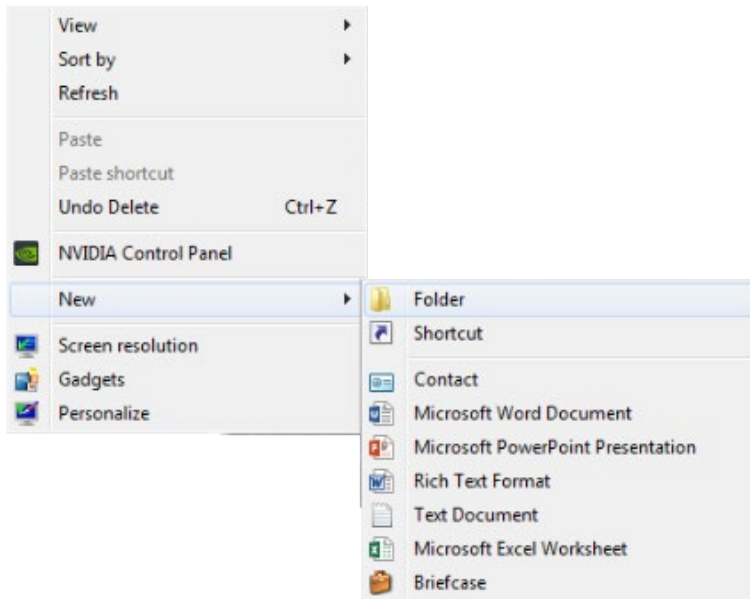

2. Patient database

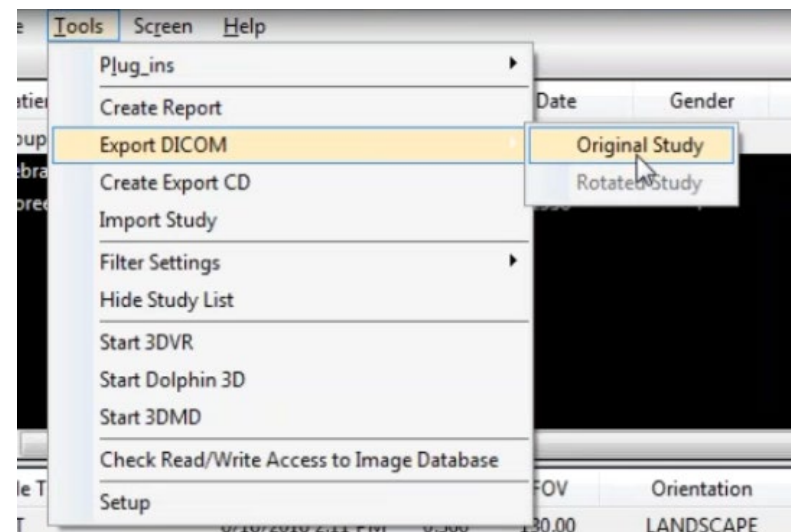In the patient database, click on the patient name. Under the "File Type", click on "CT".

3. Create New Workup

A pop-up will appear. Click on the file, and click "Create New Workup".
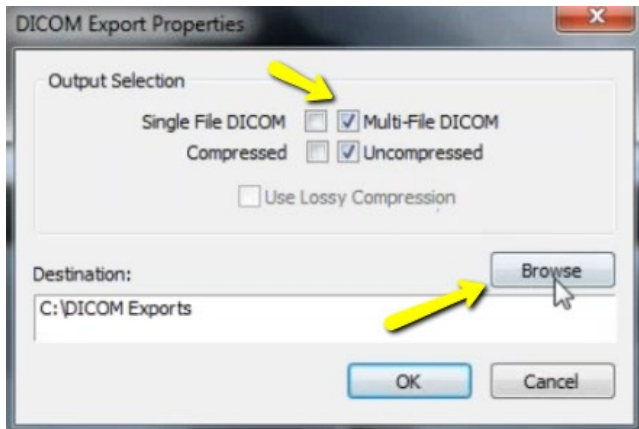

4. Select

The patient scans will load. In the upper left corner, click on "Tools", "Export DICOM", then "Original Study".
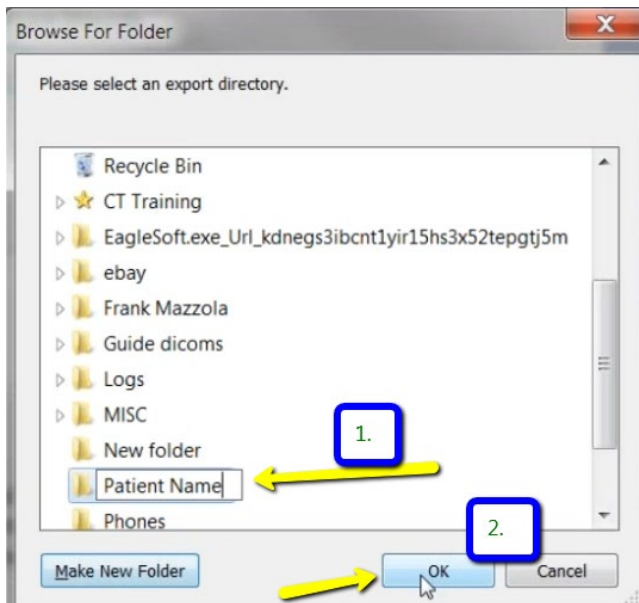
5. Choose Location

Make sure "Multi-File DICOM" and "Uncompressed" are selected. Then click on "Browse" to choose the export location.
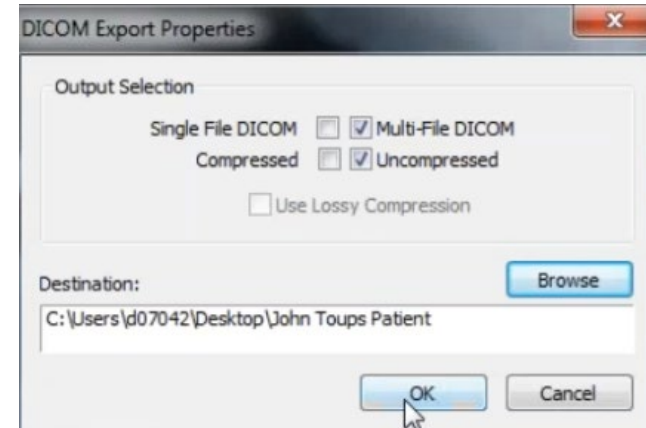

6. Select Folder

Select the folder you just created on the desktop and click "OK".
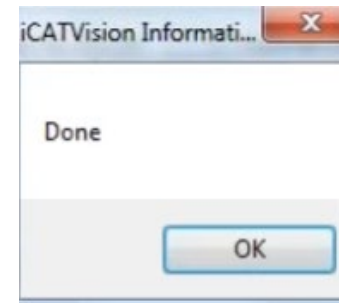

7. Export

You will return to this screen. Click "OK". Your files will begin exporting.

8. Finish Export

Click on "OK" when the "Done" pop up appears.

9. Verify .dcm Files

After the DICOM exports and saves, go to the patient's folder and verify the .dcm files were exported correctly; there should be several hundred files.
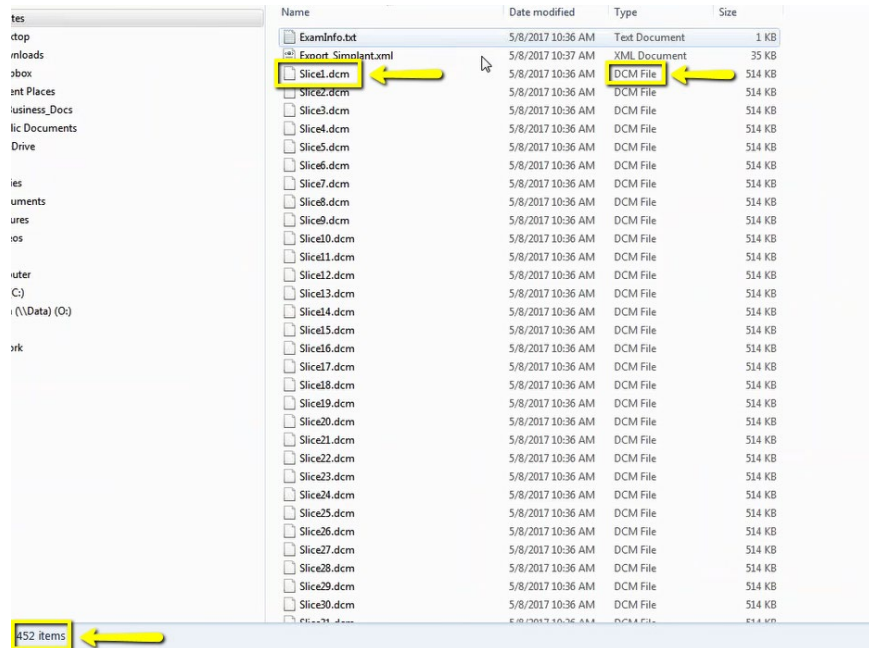
10. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".

1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Patient database

In the patient database, click on the patient name, and select the most recent CBCT. Click "Export".

3. Export Type

A pop-up will appear with the save location. Under "Export Type" ensure it reads "DICOM 3 (Multi-file)".

4. Export

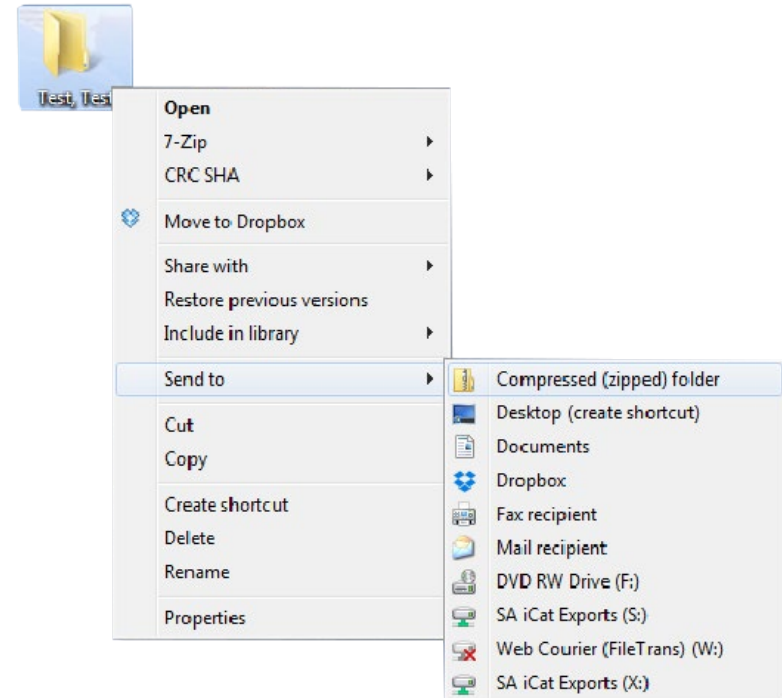Select the folder you just created on the desktop. Click "Open" and "Export".

5. Verify .dcm Files

After the DICOM exports and saves, go to the patient's folder and verify the .dcm files were exported correctly; there should be several hundred files.
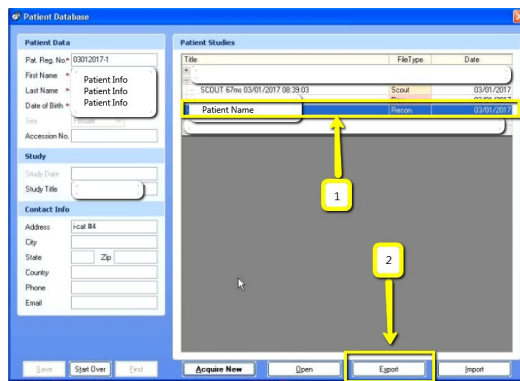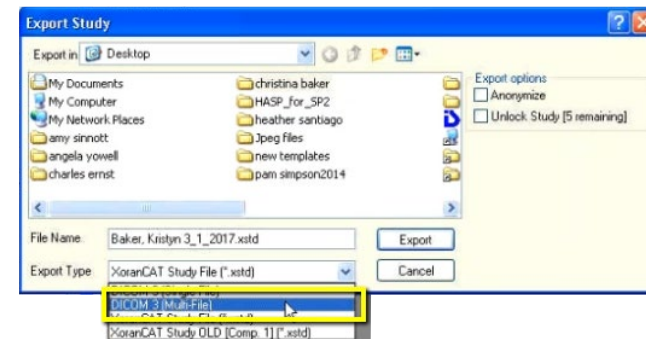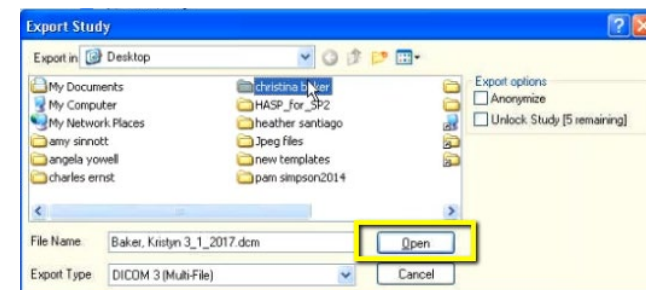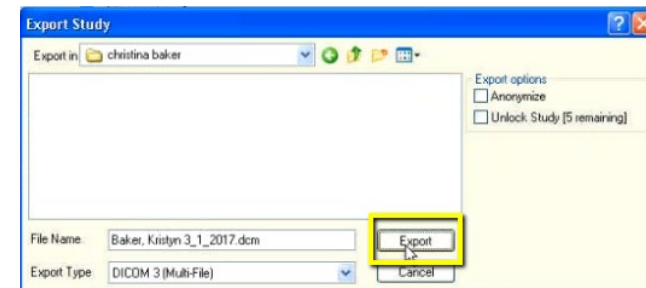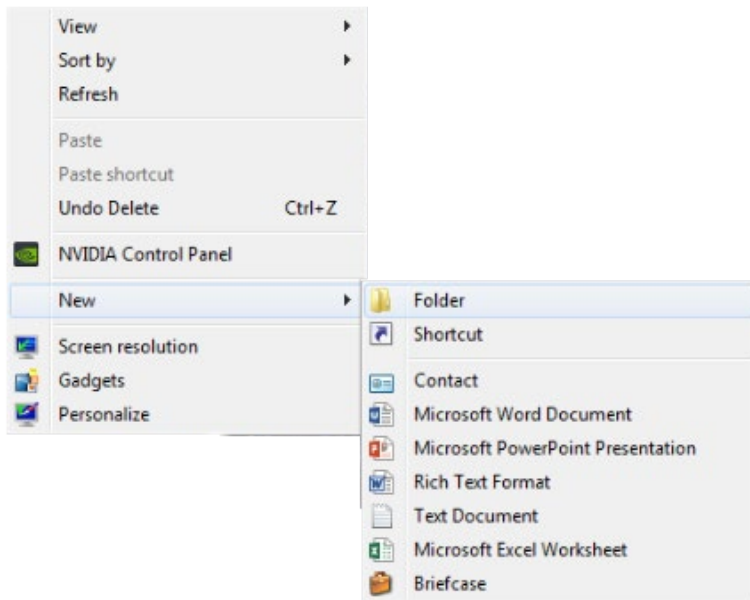

6. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
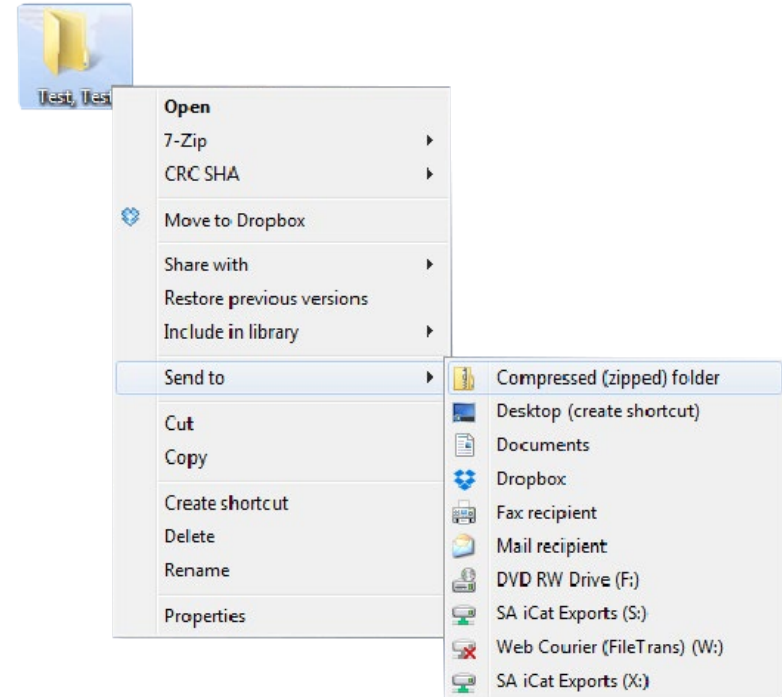
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Patient database

Find the patient in the database and open their CBCT scan.
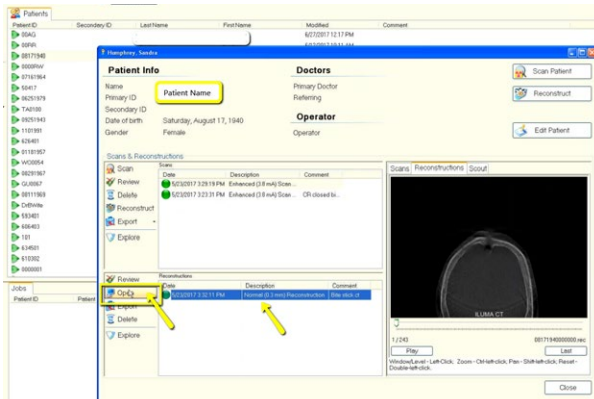
3. Export

Once the scan opens, under "Exporter", select the option "Send to folder as DICOM (prompt for destination)". Click the green arrow, titled "Start Export".
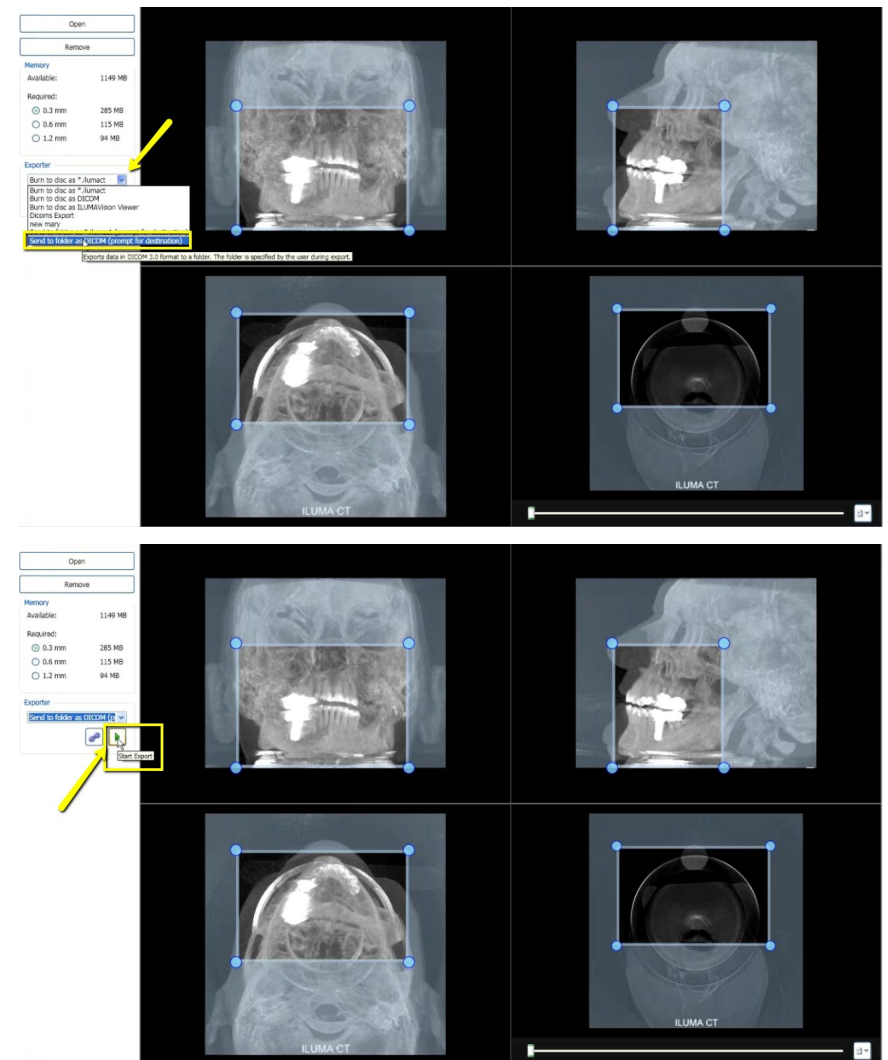
4. Select folder

A pop-up will appear for the save location. Select the folder that you just created on the desktop and click "OK".

5. Continue

A summary will appear for exporting data. Click "Continue".
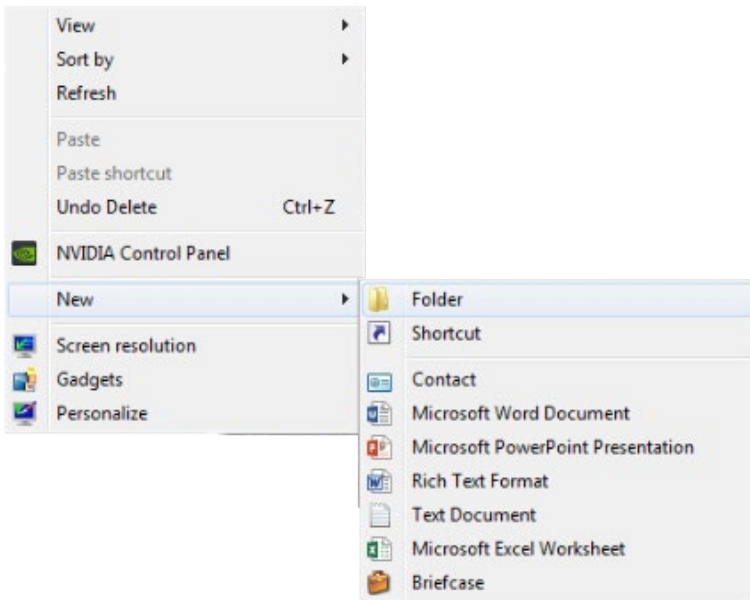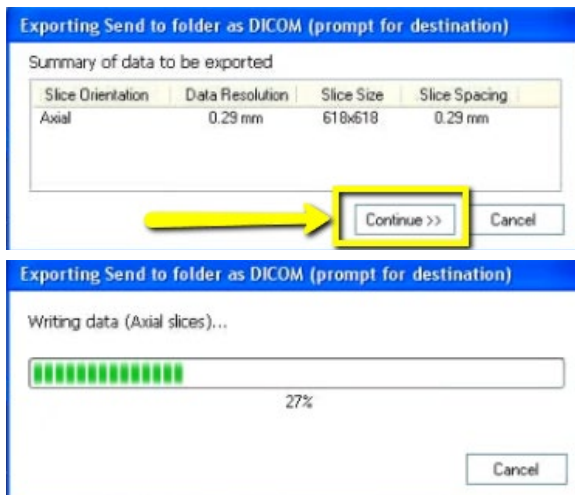

6. Finish Export

Once complete, click "OK".

7. Verify .dcm Files

After the DICOM exports and saves, go to the patients folder and verify the individual files were exported correctly; there should be several hundred files.
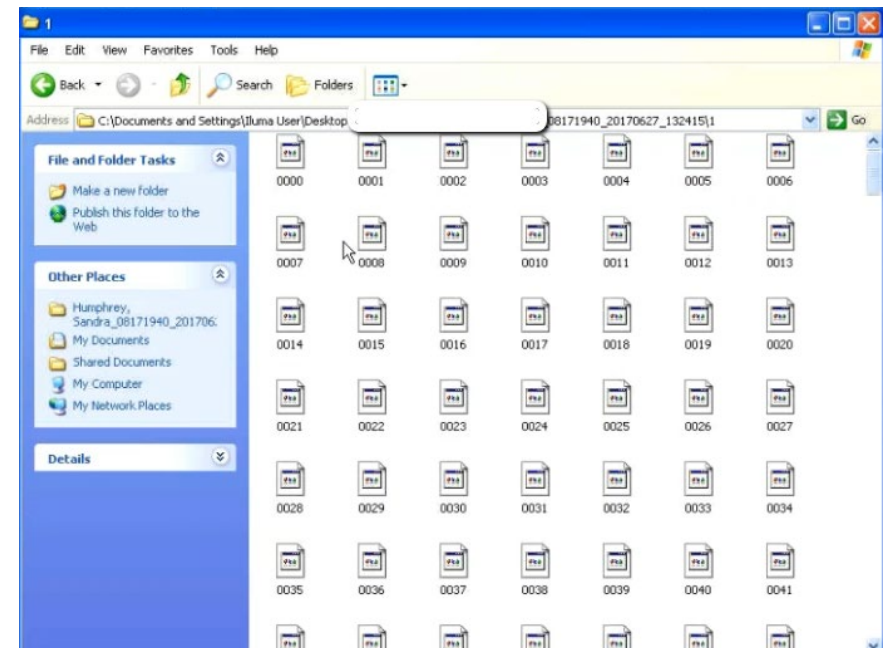
8. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
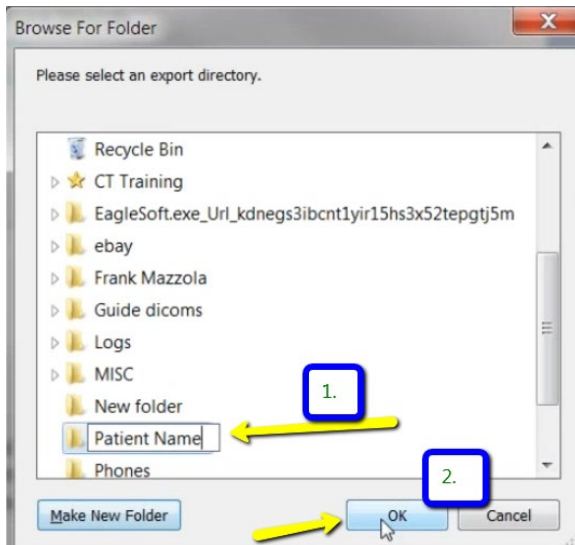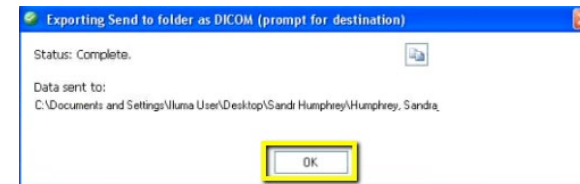
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Open Image

In your Instrumetarium, click on "File", then "Open Image".

3. Export

Select the CBCT scan by clicking on it once. Then click "Export".

4. Complete Export

A pop up will appear. Ensure DICOM Modality is set to "CT". Select the folder you just created on the desktop and click "Export".
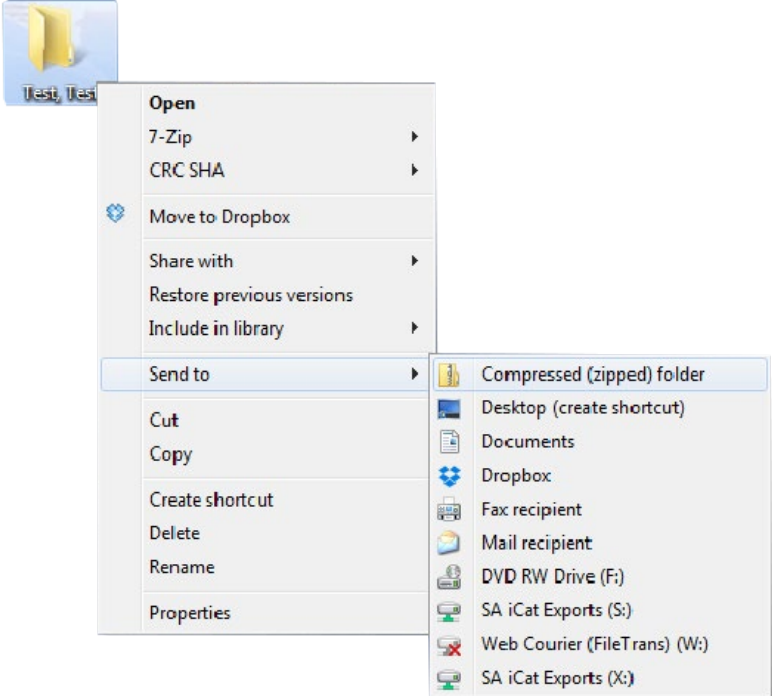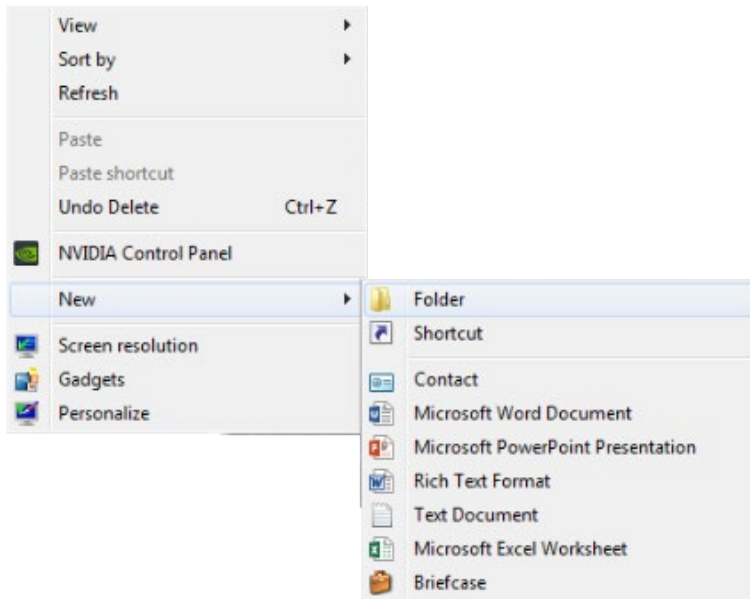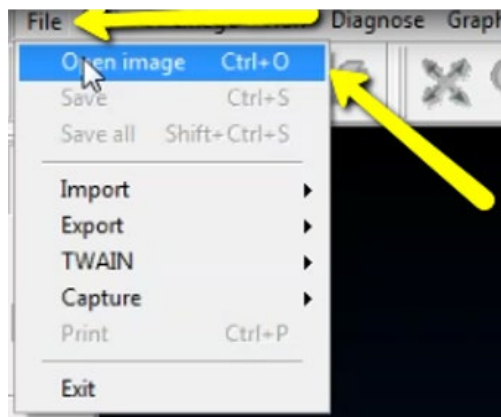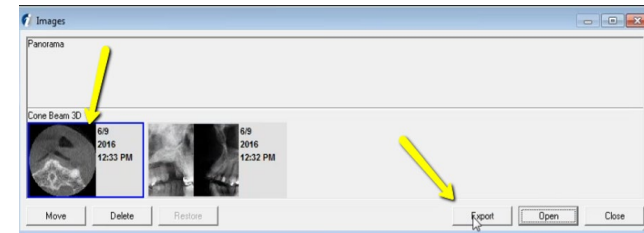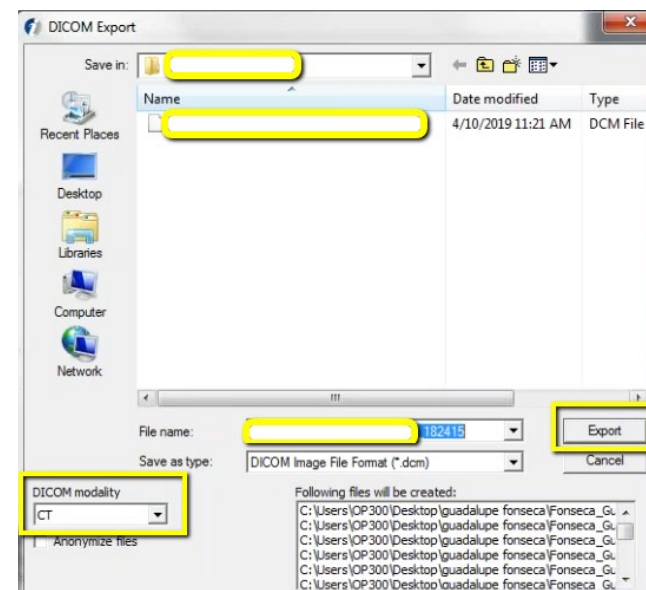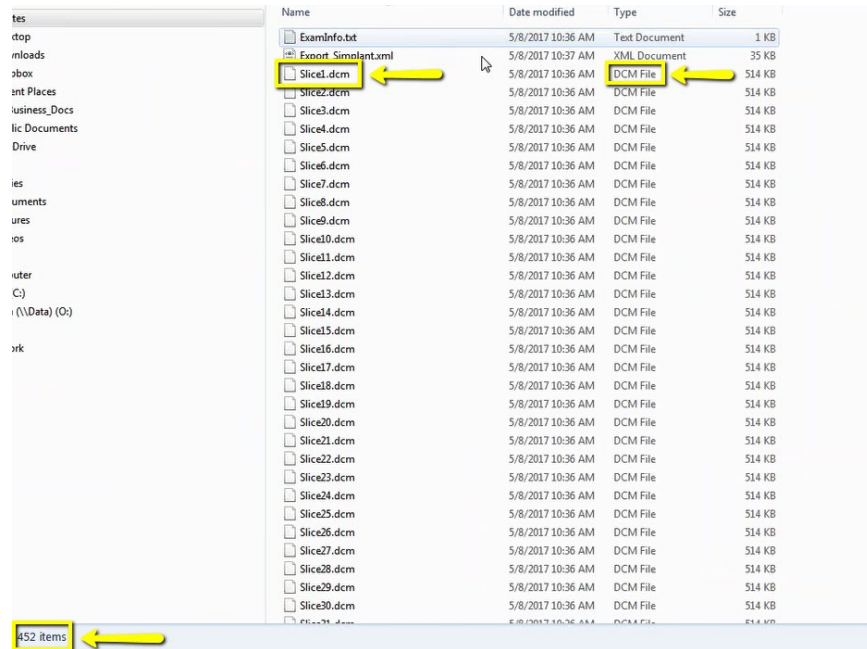
5. Verify .dcm Files

After the DICOM exports and saves, go to the patient's folder and verify the .dcm files were exported correctly; there should be several hundred files.

6. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".

1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Save

Open your image and click on "File", "Save As", "Multi File DICOM with .dcm", and click "OK".

3. Select Folder

Select the folder you just created on the desktop and click "OK".

4. Check Boxes

Please ensure that "Uncompressed" is selected and click "OK".

5. Export

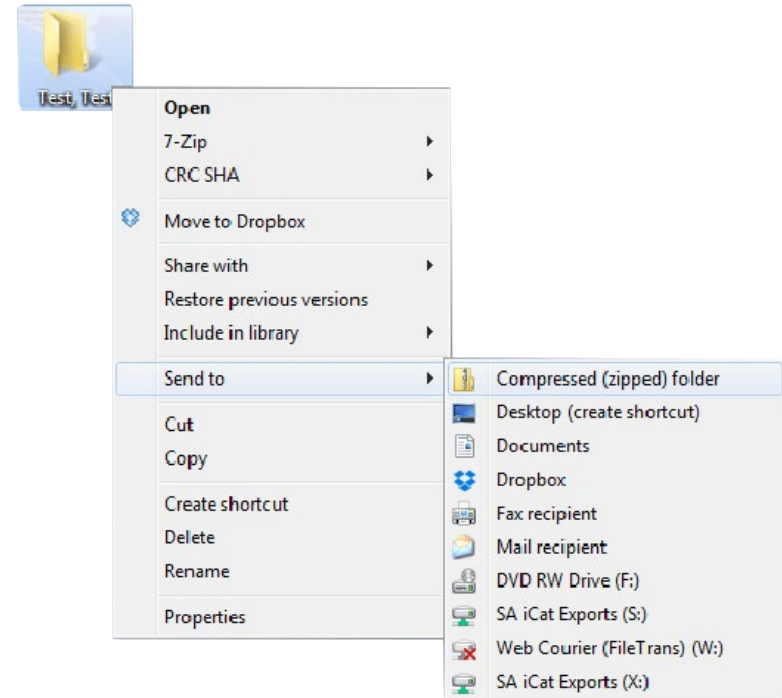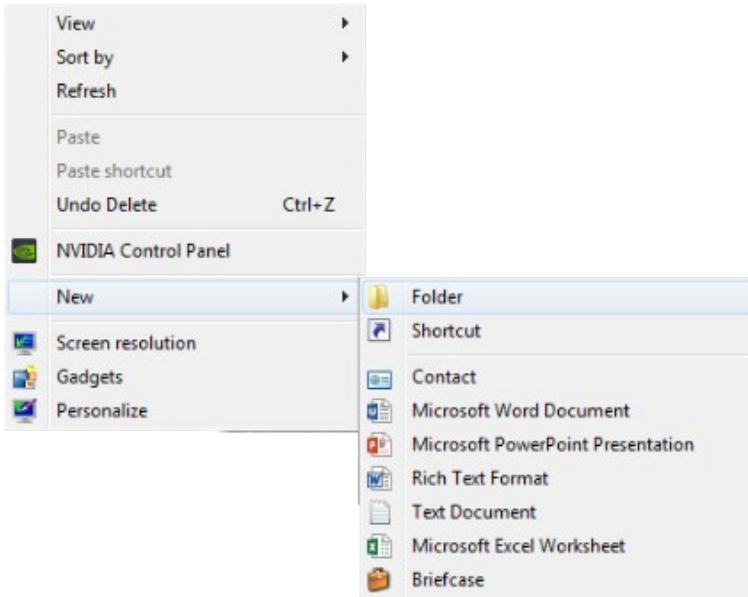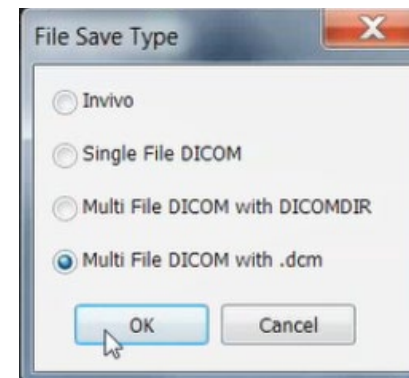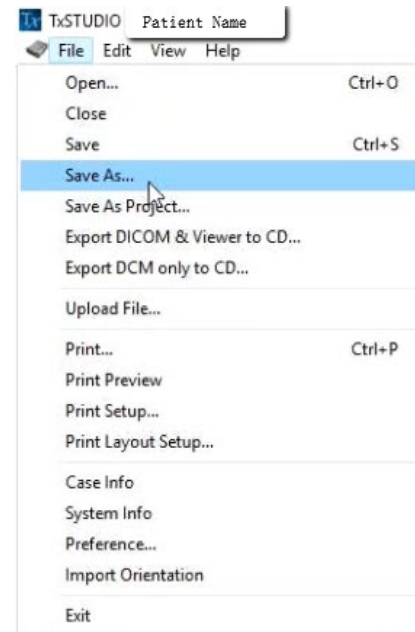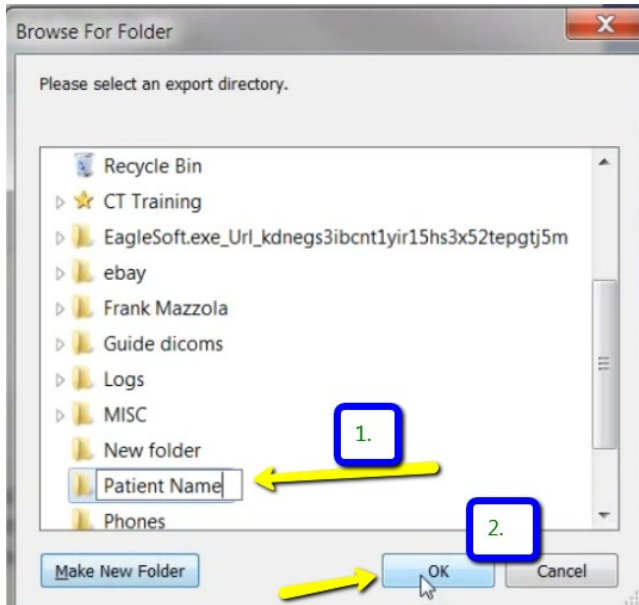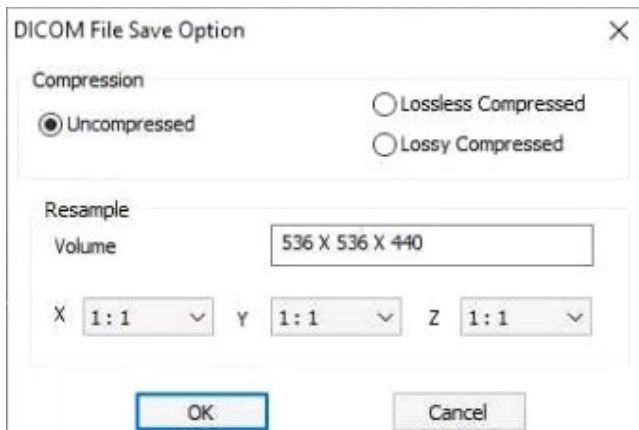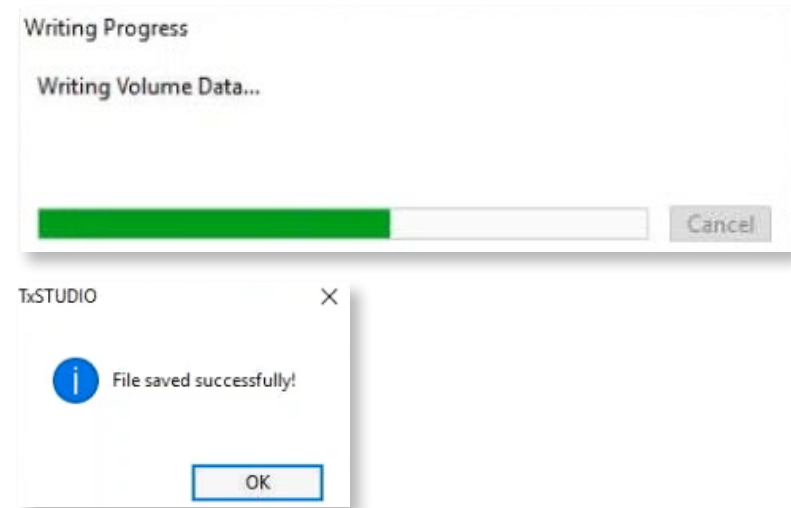Your files will begin exporting. Click "OK" when the files save.

6. Verify .dcm Files

After the DICOM exports and saves, go to the patient's folder and verify the .dcm files were exported correctly; there should be several hundred files.

7. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".

1. New Folder

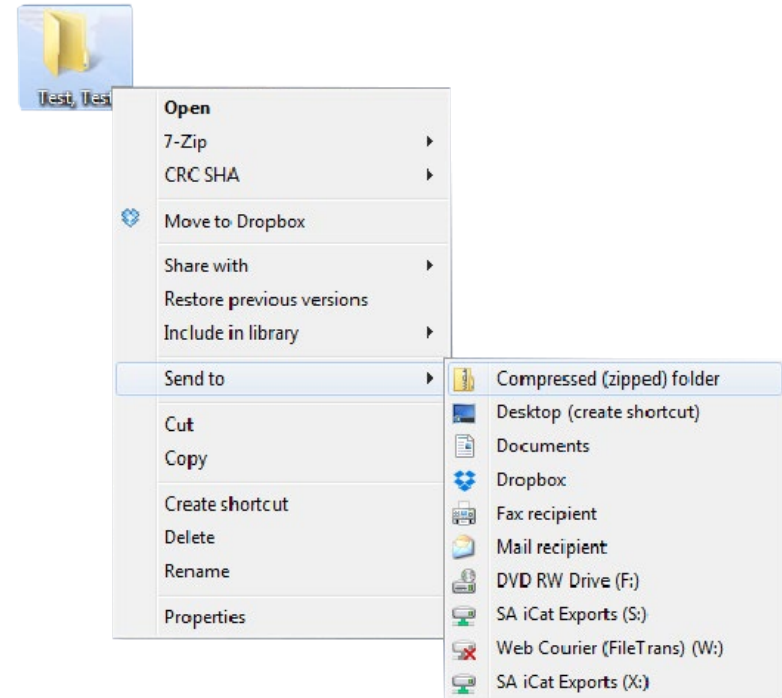On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Export Images

Select the patient in your database and go to "Patient", "Patient Utilities", and click "Export Images".
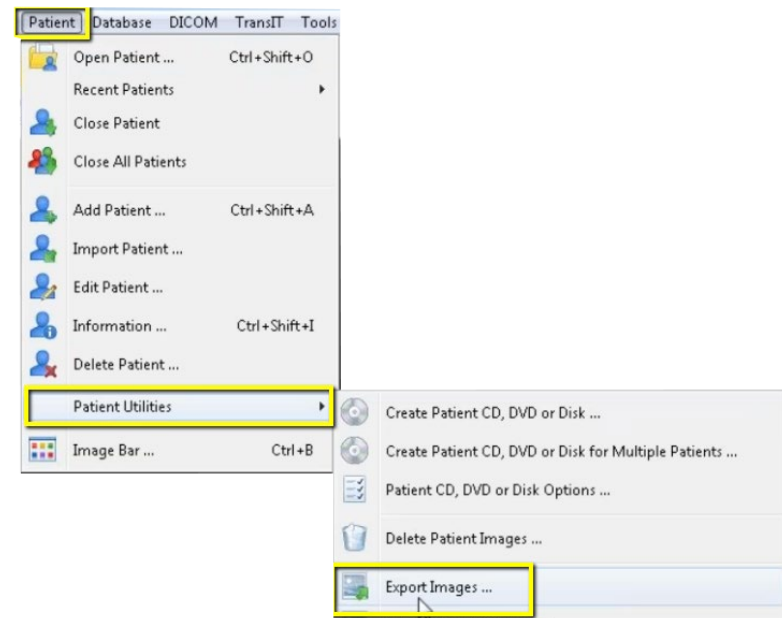
3. Select Folder

A pop-up will appear. Click the "…" button and select the folder you made on the Desktop.

4. Check Boxes

Ensure "Convert to JPEG whenever possible" is UNchecked, and "Use Special exporting for directly captured images" IS checked. Click "OK".
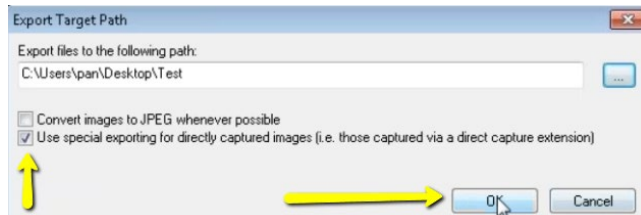
5. Select CT scan

Another pop-up will appear. Click the CT scan and click "Select".

6. Export .dcm files

A final pop-up will appear. Click "No" to export the multi-file DICOM.

7. Verify .dcm Files

Go to the patient's folder on the desktop and double-click to open it. Verify the .dcm files were exported correctly; there should be several hundred files.
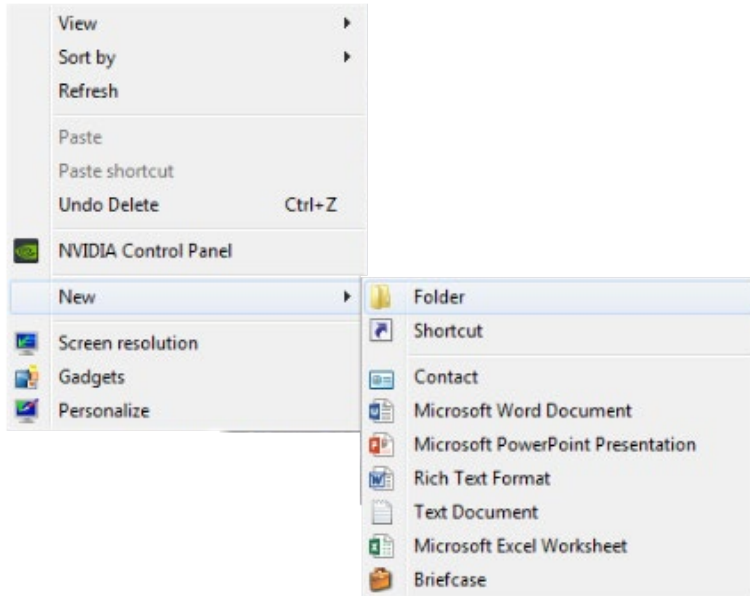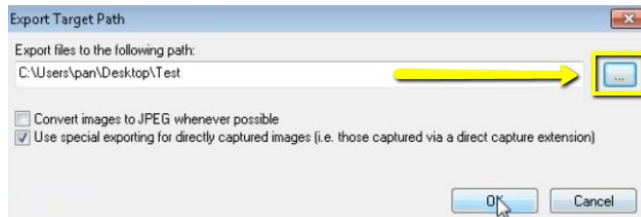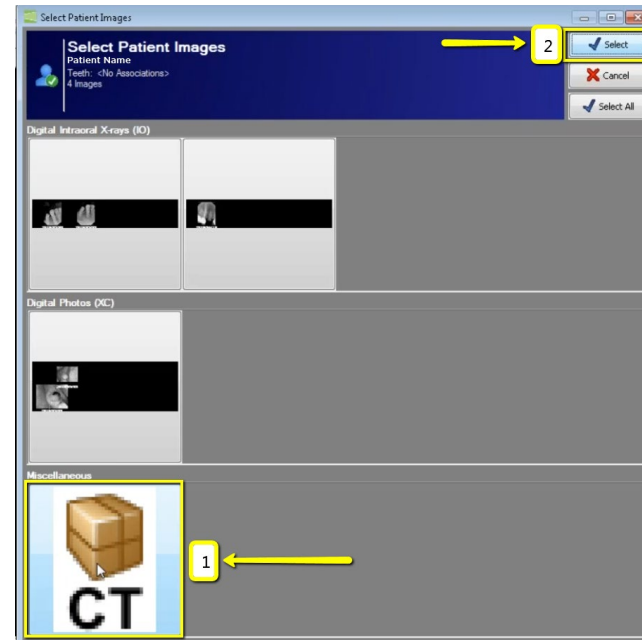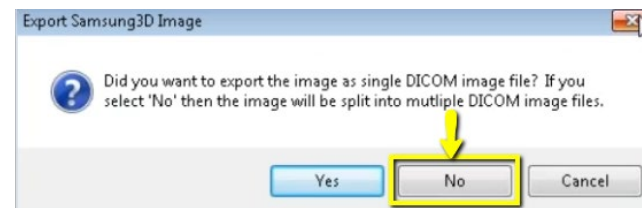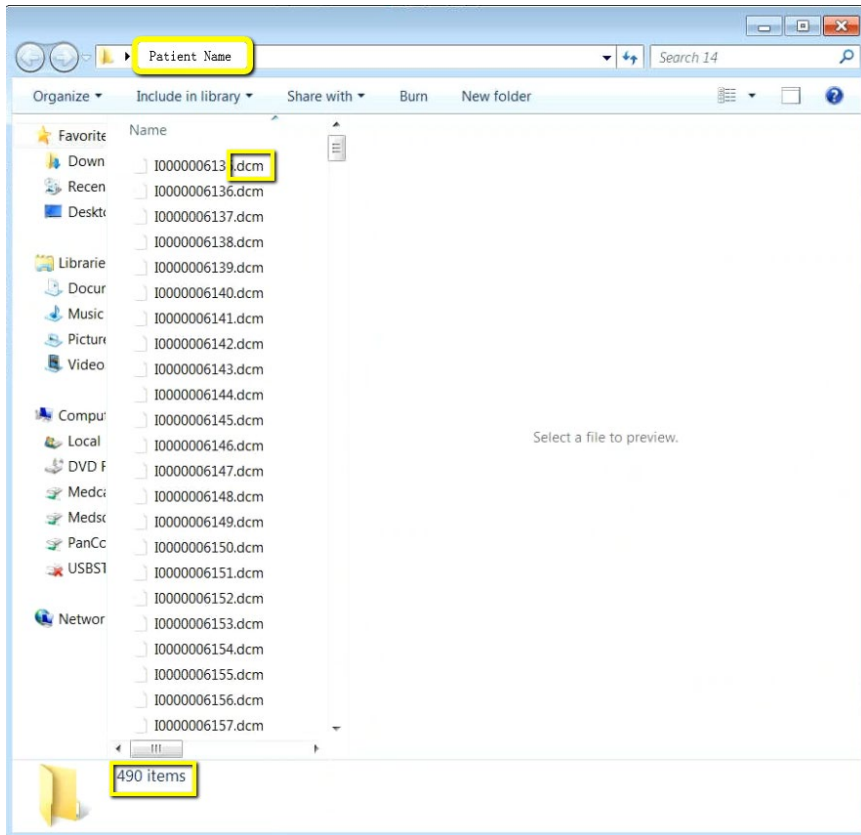

8. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".

1. Locate Patient

Locate patient in your database and open their case.
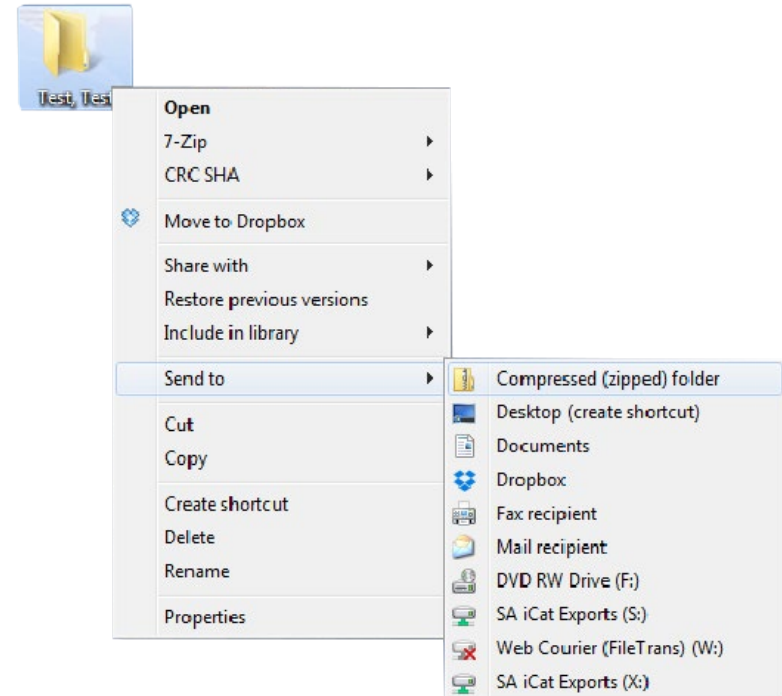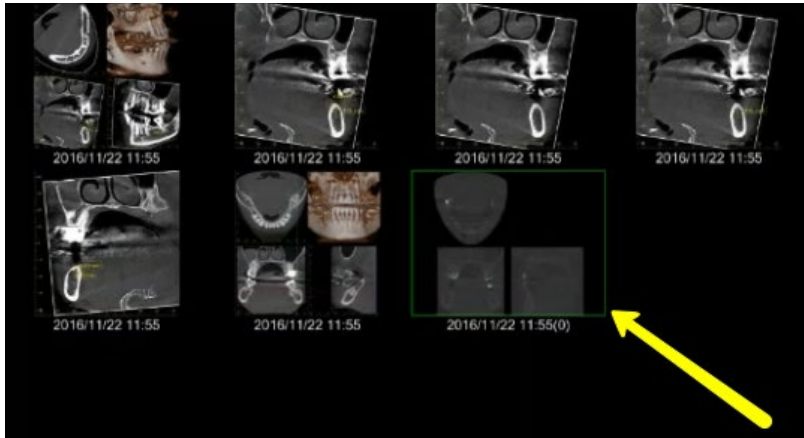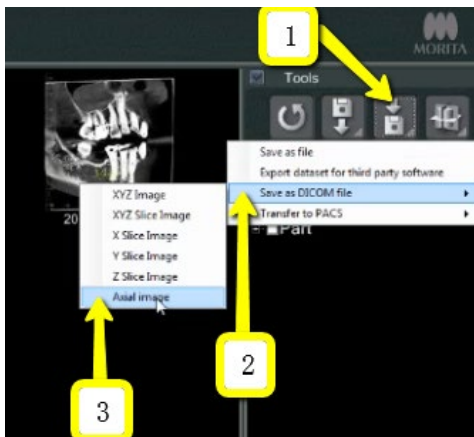
2. Select

Click on the CBCT scan to select it, but do not open it. It should be outlined in green.
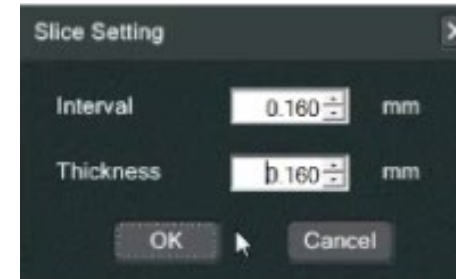

3. Save as .dcm

On the right side of the screen, click on "Save DICOM" button. Choose "Save as DICOM File", then click "Axial Image".

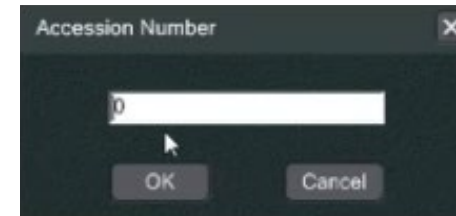## 4. Check Boxes

A box will pop-up titled "Slice Setting". Change the "Interval" and "Thickness" to the lowest setting possible (about 0.160 for each setting). Then click "OK".
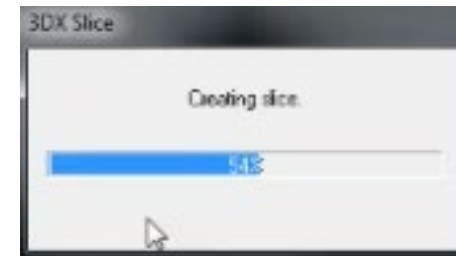

5. Check Accession Number

Accession Number should be 0. Click "OK".

6. Saving

When complete, you will be prompted with a new alert window that says "Finished saving the Axial Image DICOM File". Click "OK".
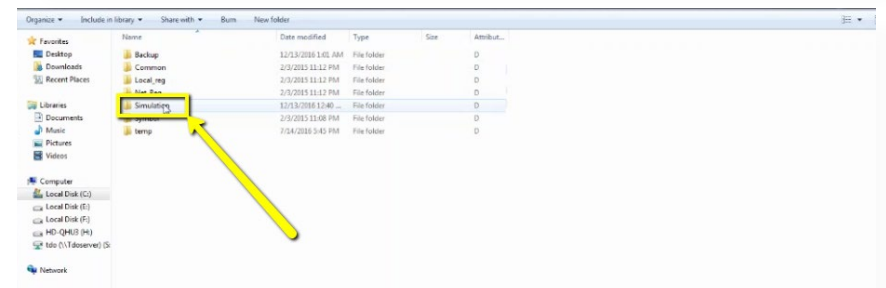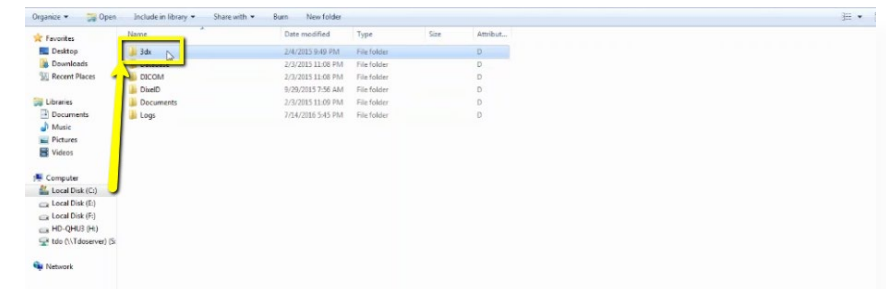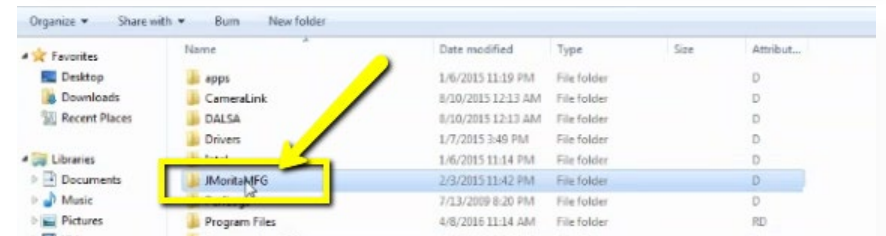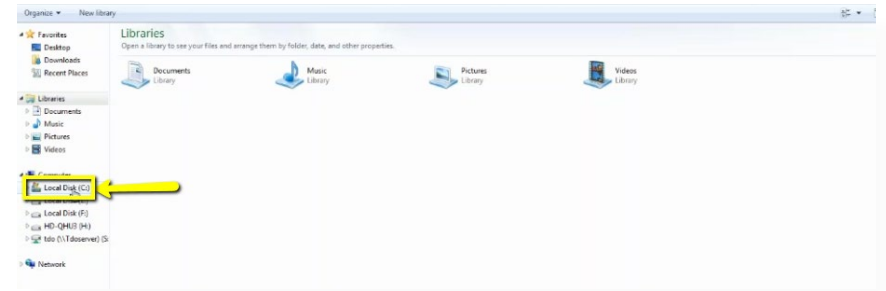
7. Saving finished

When complete, you will be prompted with a new alert window that says "Finished saving the Axial Image DICOM File". Click "OK".

8. Locate .dcm files

Locate these DICOM files by clicking on "Local Disk (C:)", then "JMoritaMFG", "3Dx", "Simulation".

9. Files

Files will be labeled with patient number first, followed by date of scan.
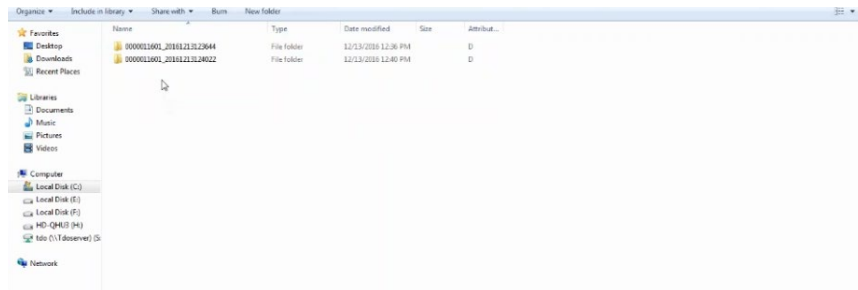
10. Rename

Once you have located the correct scan, right click on the folder, go to "Rename" and type "Patient Last Name, First Name".

11. Zip Folder

Right click on the patients folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".

1. New Folder

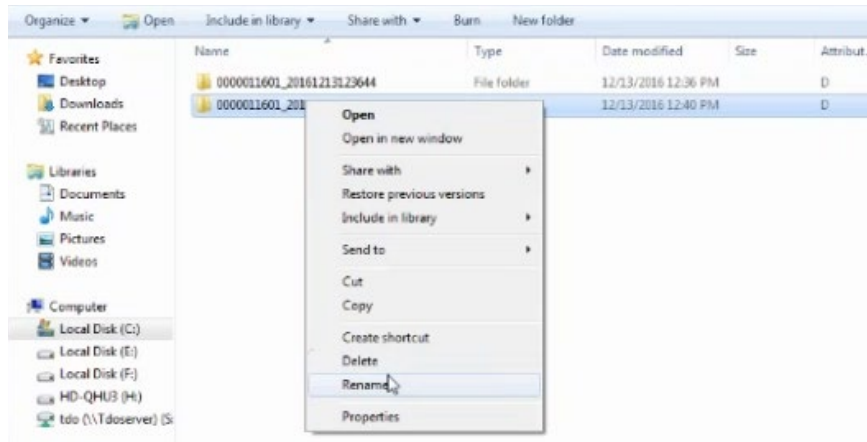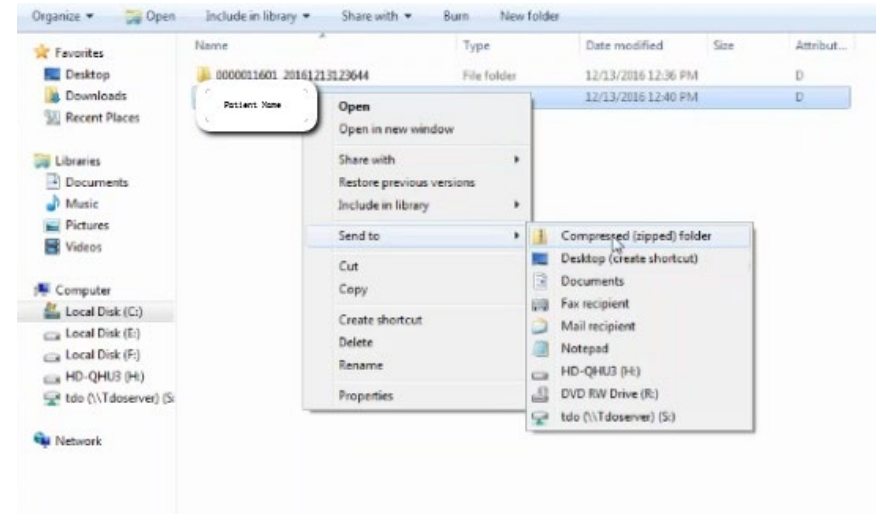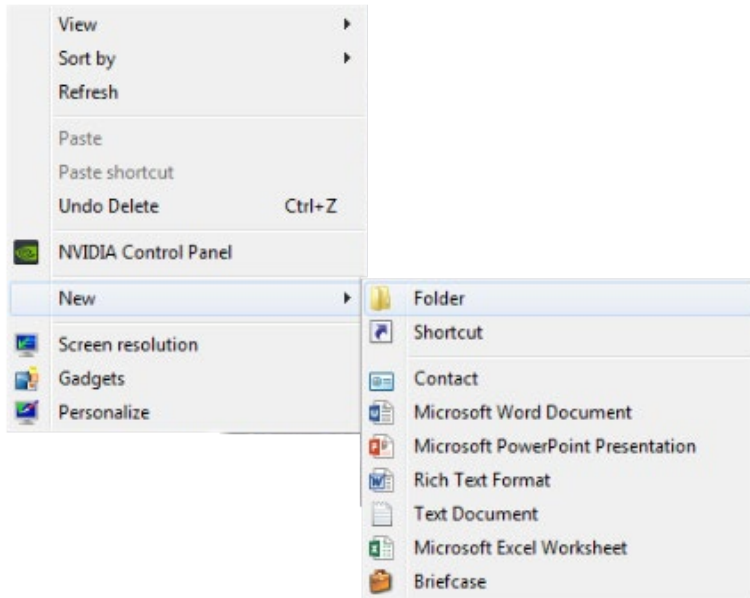On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Free Matrix

Open the patients scan. Select "File", "Save in DICOM format", "Sequence of Axial Images", and select "Free Matrix".
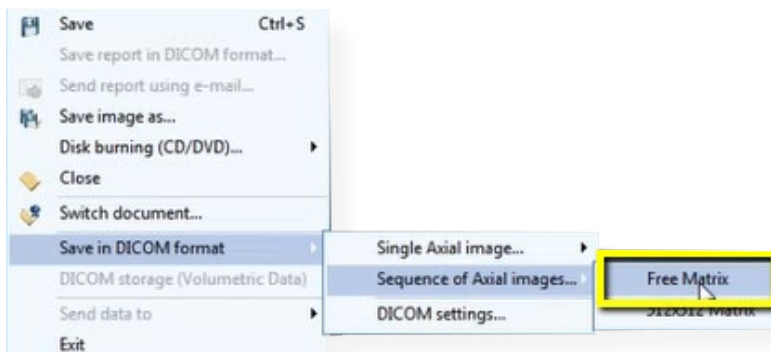
3. Export

A pop-up will appear for the export location. Select the folder you just created on your desktop. Click "OK" to export images. Another pop-up will appear once DICOM has exported. Click "Ok".

4. Verify .dcm Files

Go to the patients folder on the desktop and double click to open it. Verify the .dcm files were exported correctly; there should be several hundred files.
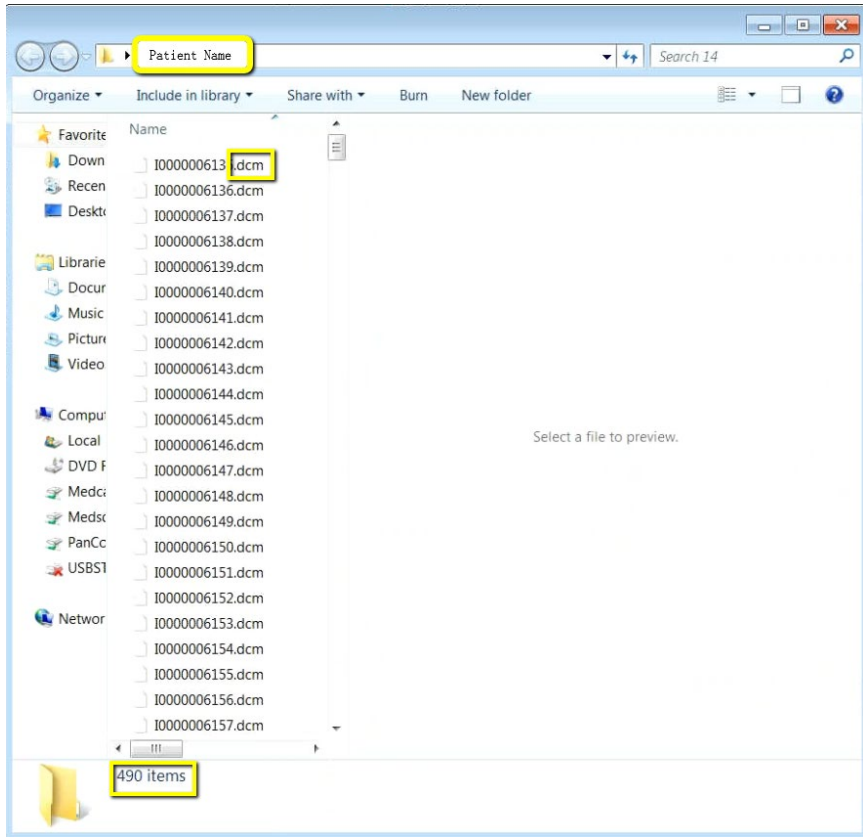
5. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
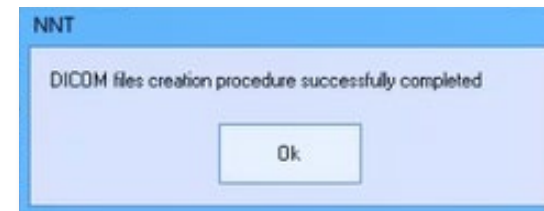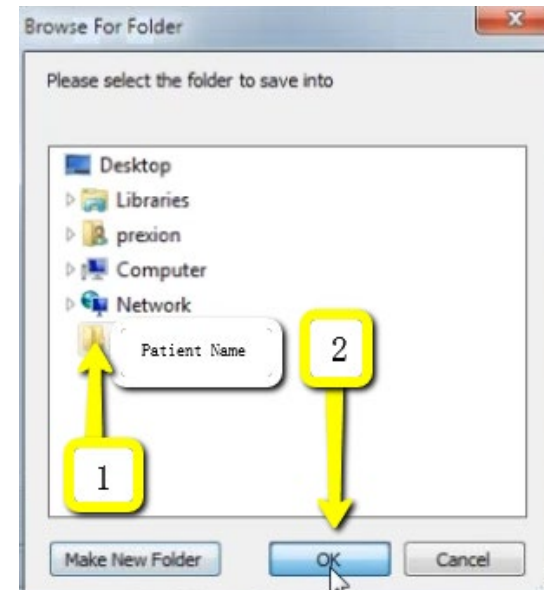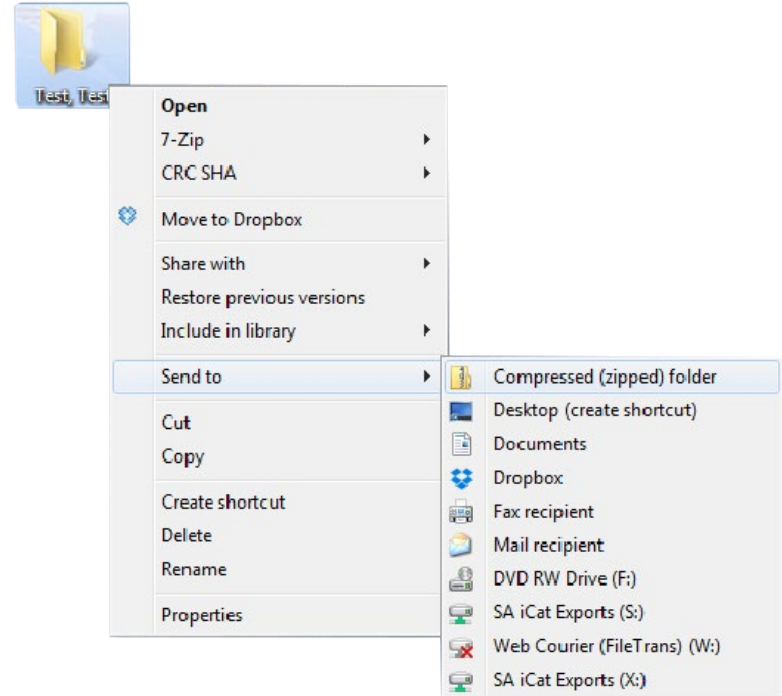
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Run NNTViewer

Place CD in the computer tower. Wait for pop-up to appear, and click on "RunNNTViewer".

3. Launch viewer

A document list will open. Double click on the patients' name to launch the viewer.

4. Free Matrix

Once CBCT scan opens, click on "File", then "Save Axial Images in DICOM format", then "Free Matrix".

5. Export

A pop-up will appear for the export location. Select the folder you just created on your desktop. Click "OK" to export images.
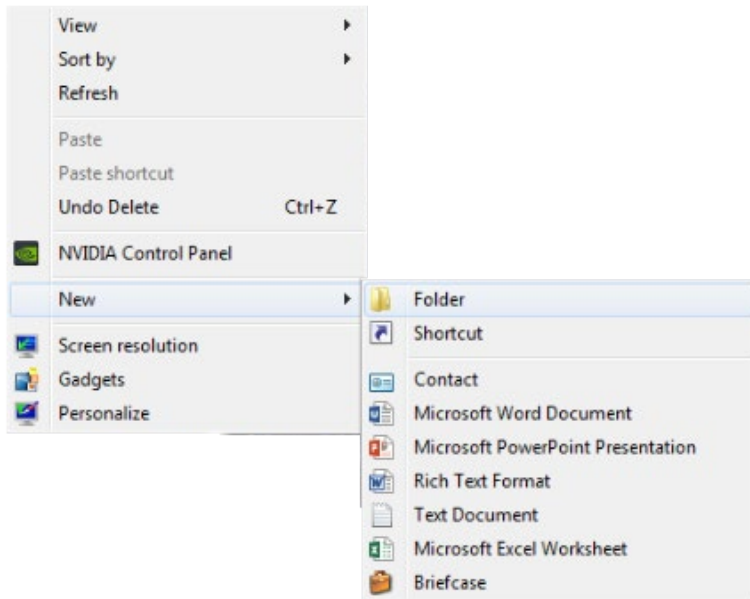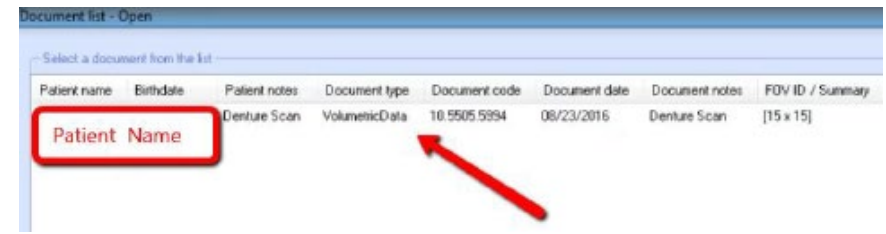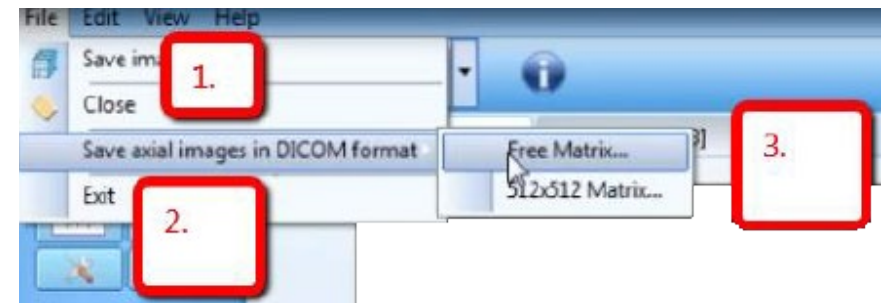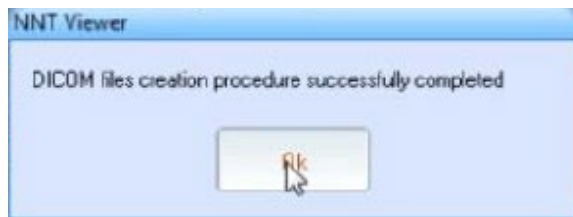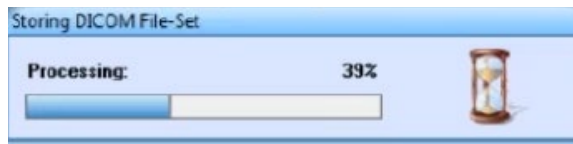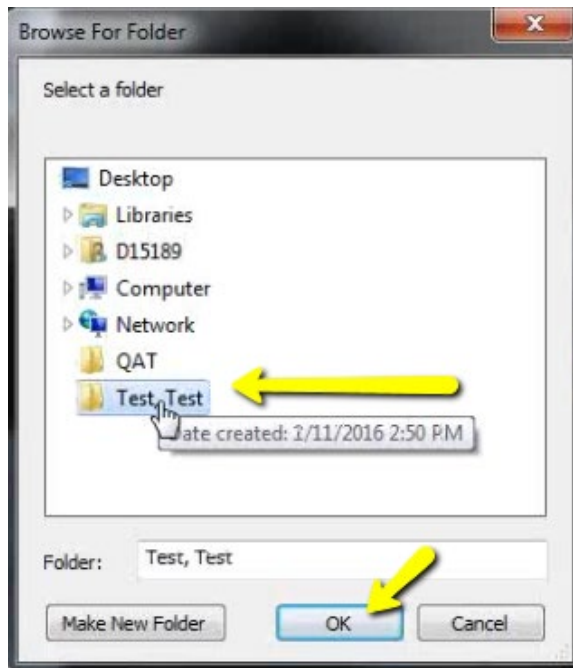

6. Verify .dcm Files

Go to the patients folder on the desktop and double click to open it. Verify the .dcm files were exported correctly; there should be several hundred files.
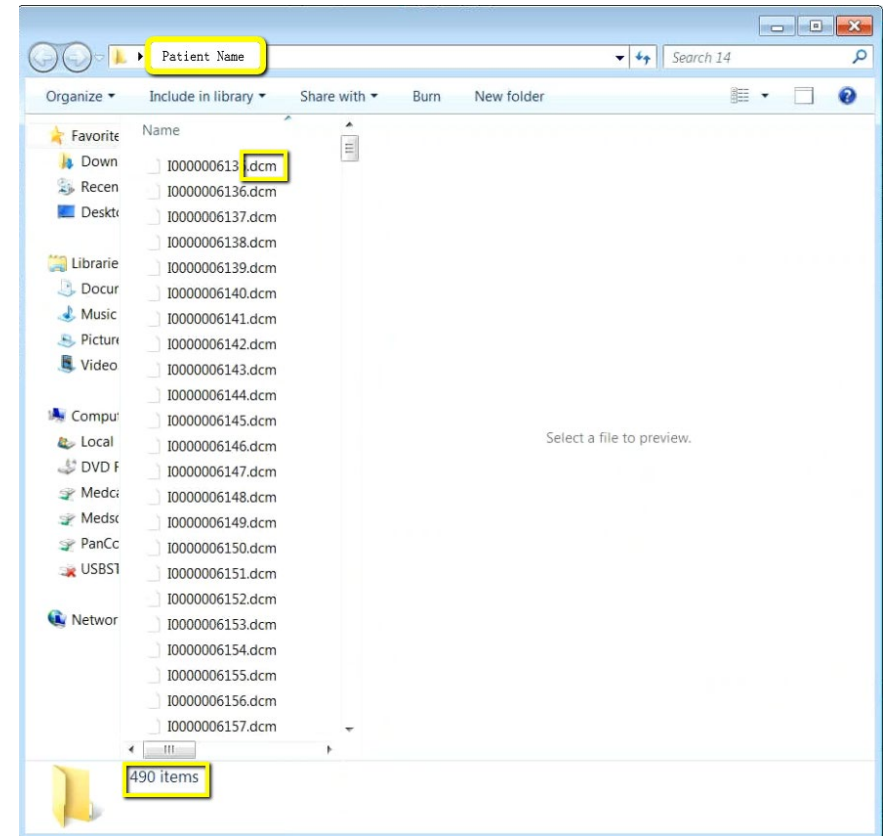
7. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".

1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Open Owandy

Open the Owandy software. Type in the patients name and click "Find".

3. Click Mouth

Once the patients information appears, click the "Mouth" icon located on the left hand side of your screen.

4. Export DICOM

Find the most recent CBCT scan. Right click on the 3D image, and choose "Export DICOM".
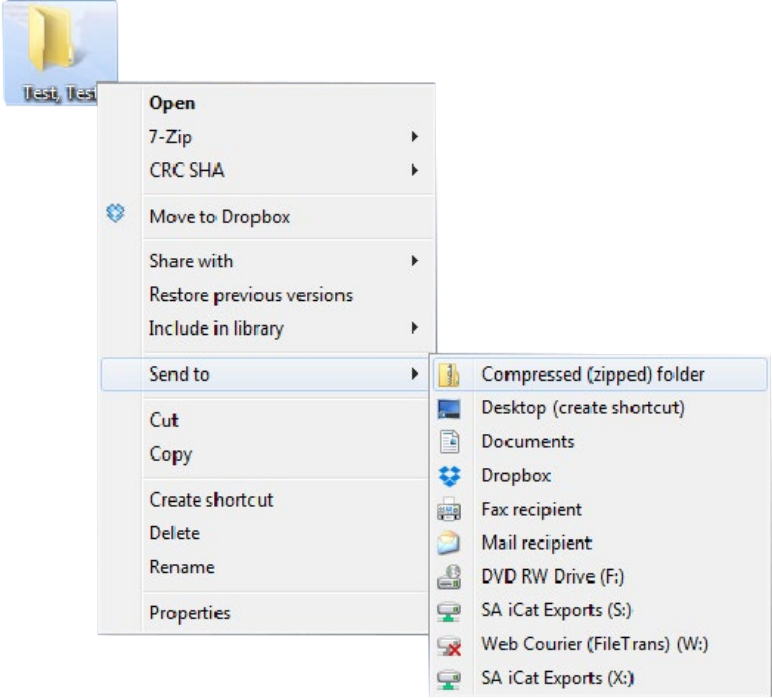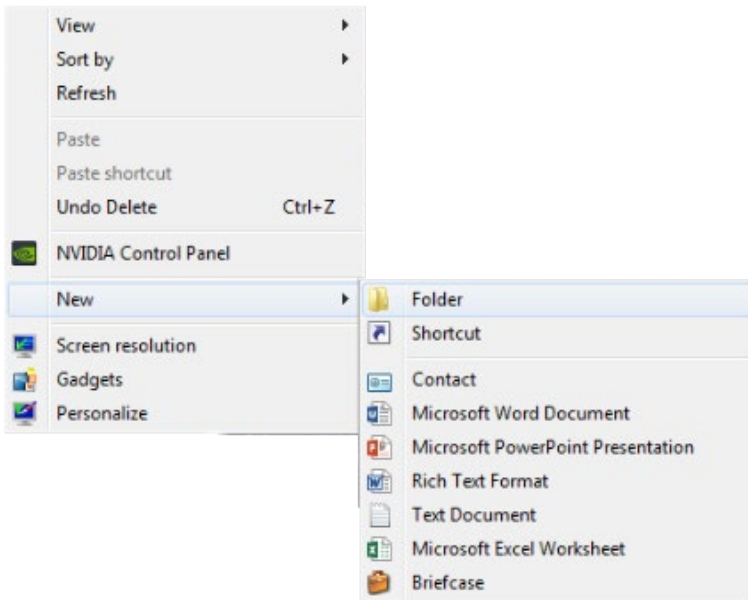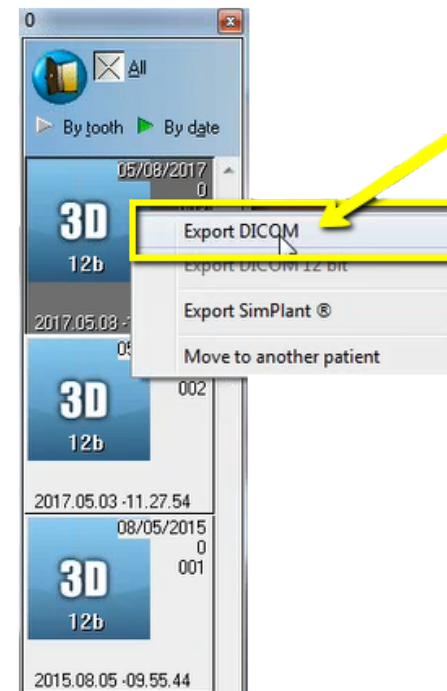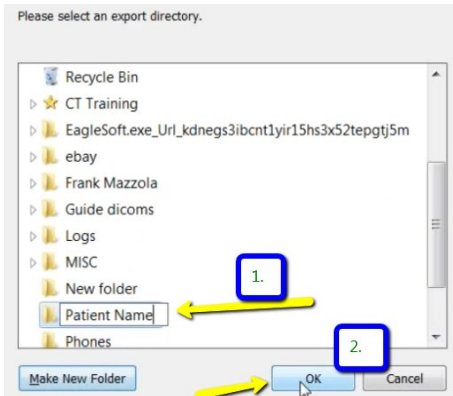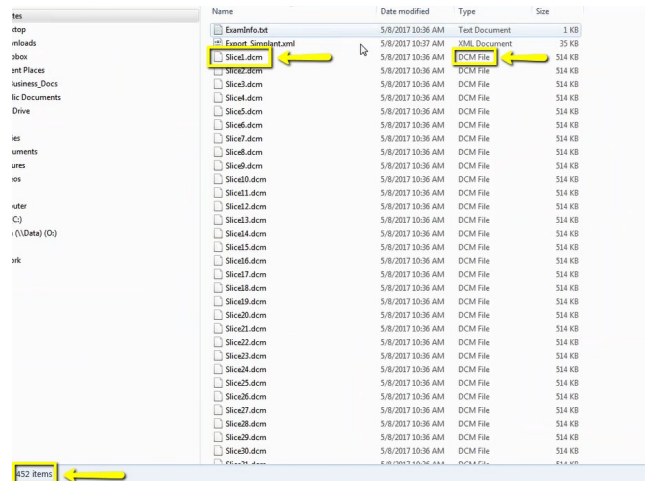
5. Select folder

A pop-up will appear with the save location. Select the folder you just created on the desktop and click "OK".

6. Verify .dcm Files

After the DICOM exports and saves, go to the patient's folder and verify the .dcm files were exported correctly; there should be several hundred files.

7. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".

1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Drag to desktop

In the "Master Database", click on the patient scan to select it, but do not open it. On the left of your screen under "Data Source", click on the plus sign next to "My Computer" to expand the options. Left click on the patient scan and drag it to the Desktop.
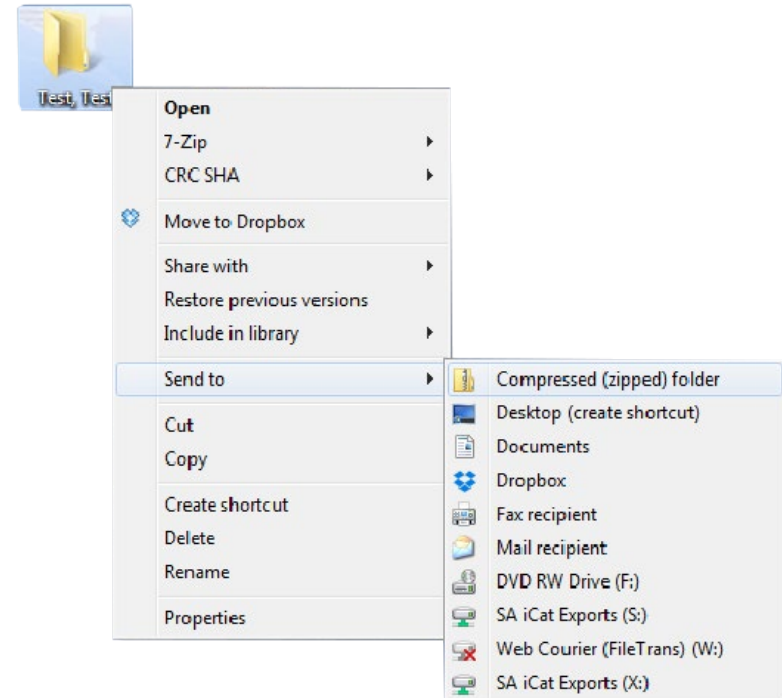
3. Verify .dcm Files

After the DICOM exports and saves, go to the patient's folder and verify the .dcm files were exported correctly; there should be several hundred files.
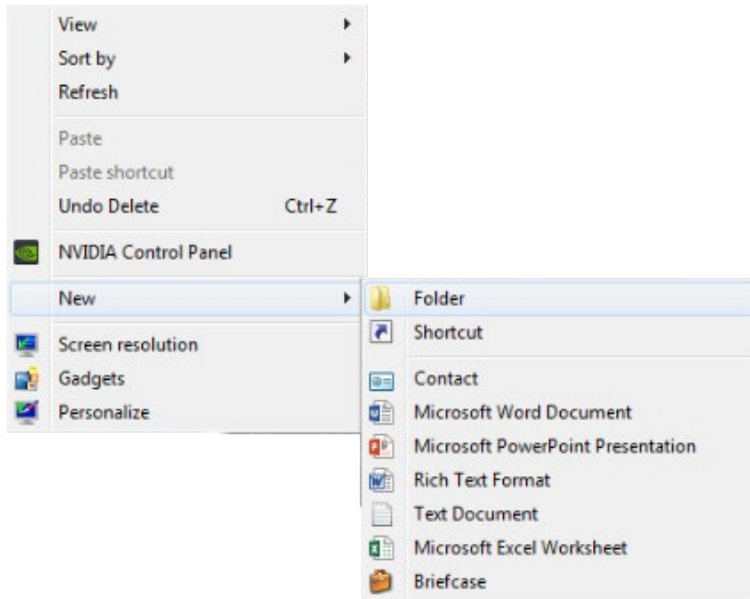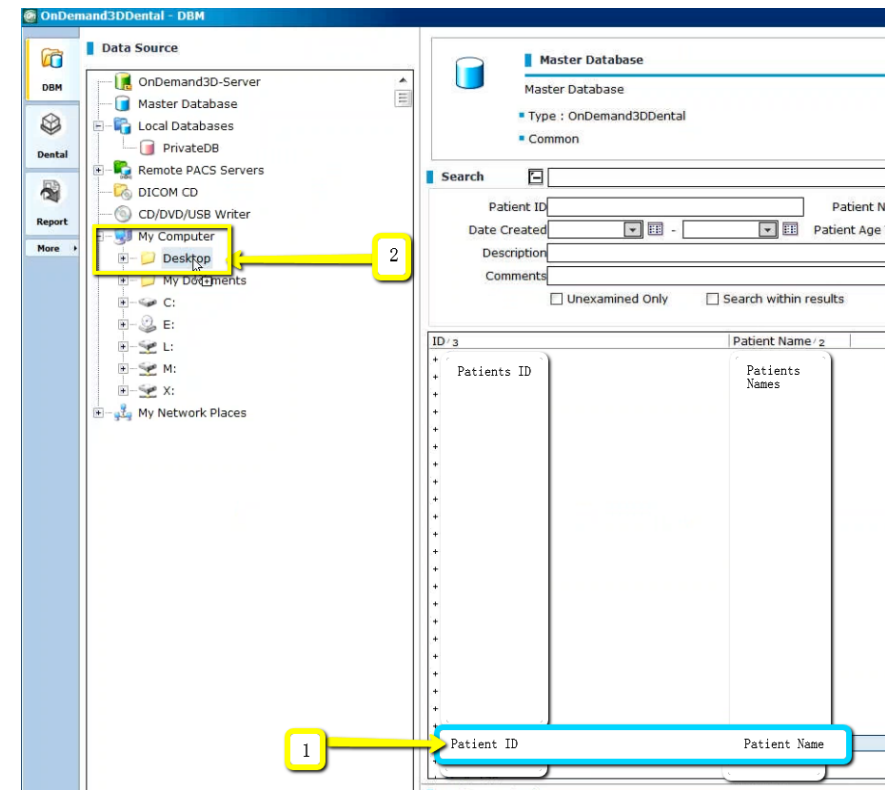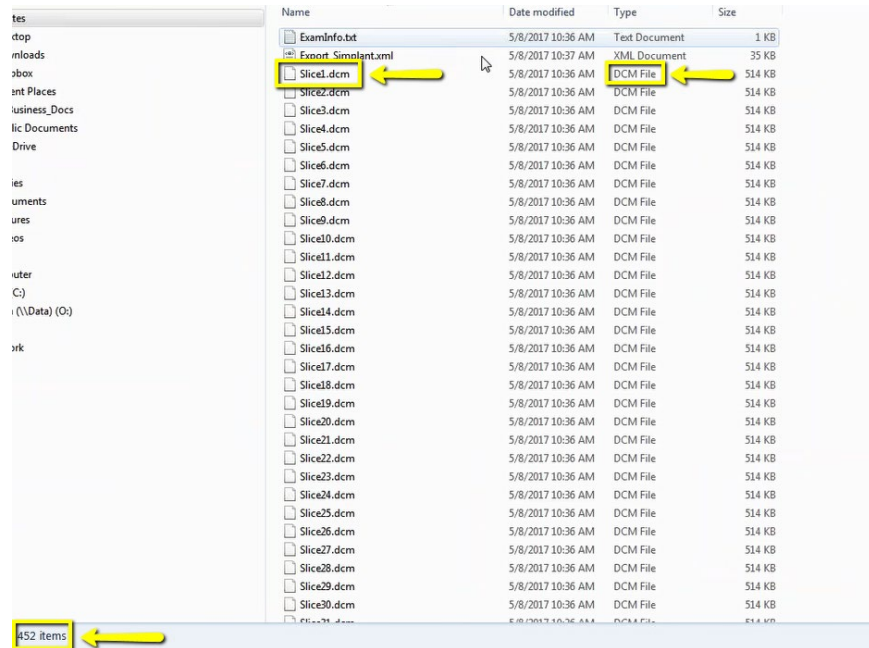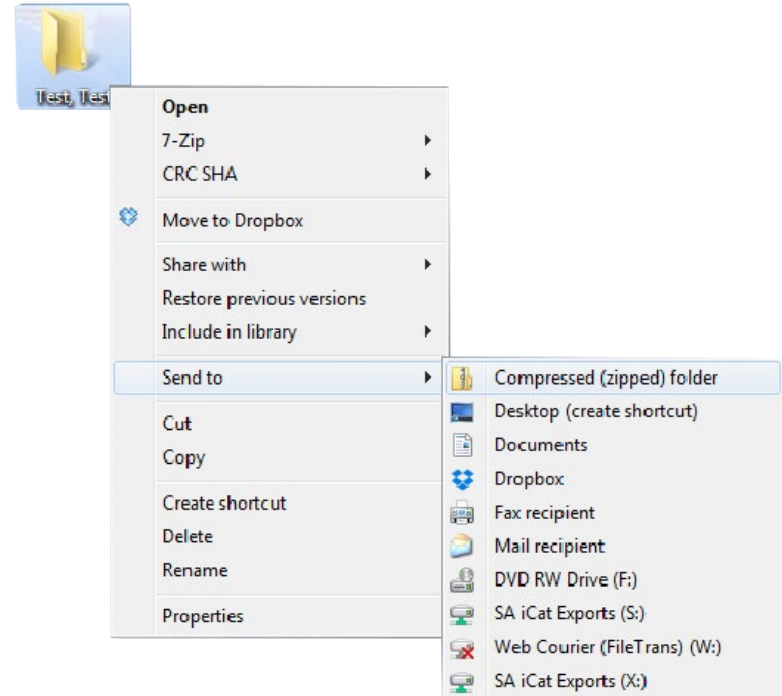

4. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
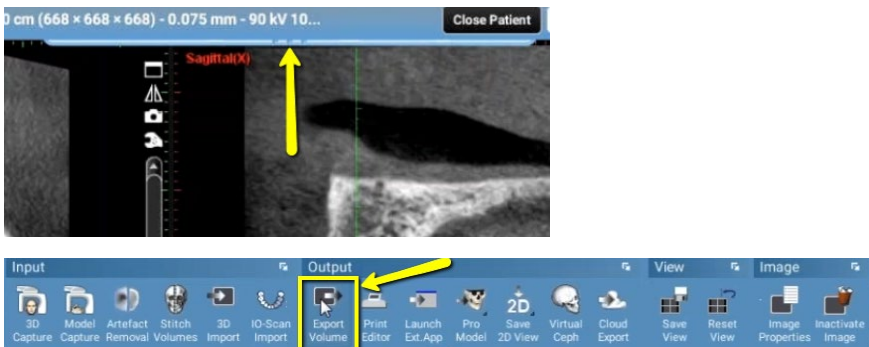
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.
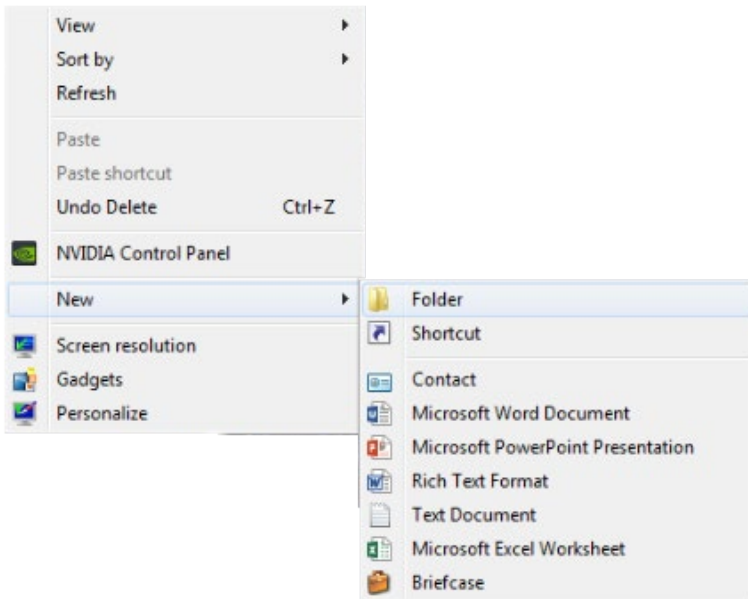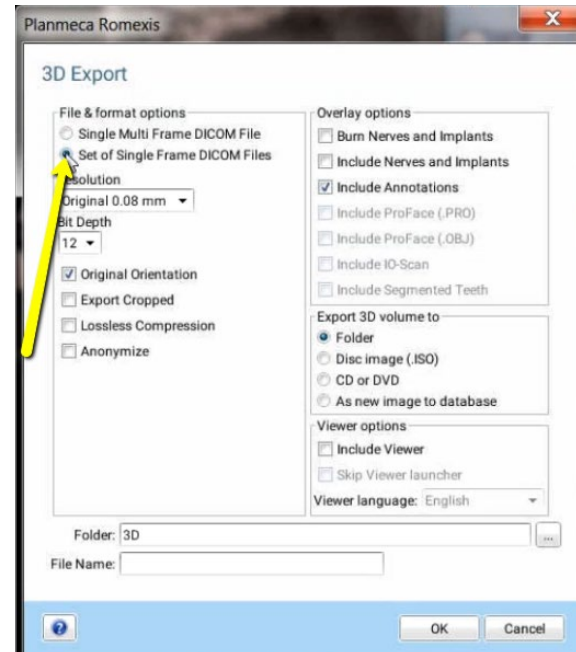

2. Open Scan

Open patient's scan. At the top of the screen, hover over the drop down menu. In the "Output" section, select "Export Volume".
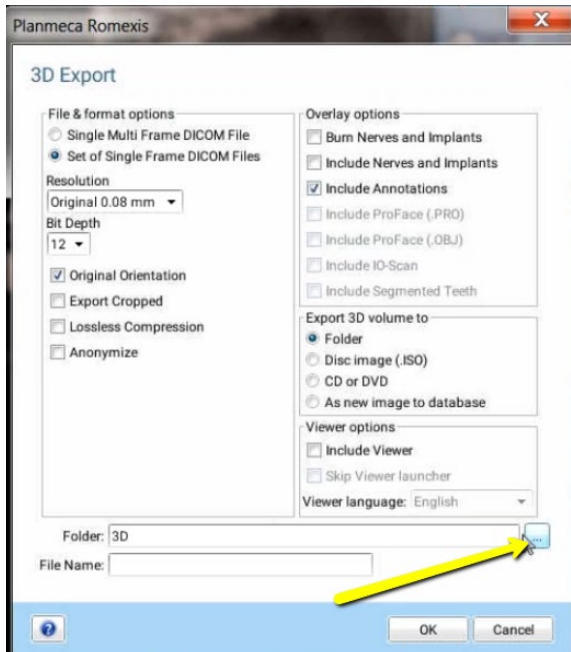

3. Select

A pop up box will appear. Select "Set of Single Frame DICOM Files". (No other options should have to be changed).
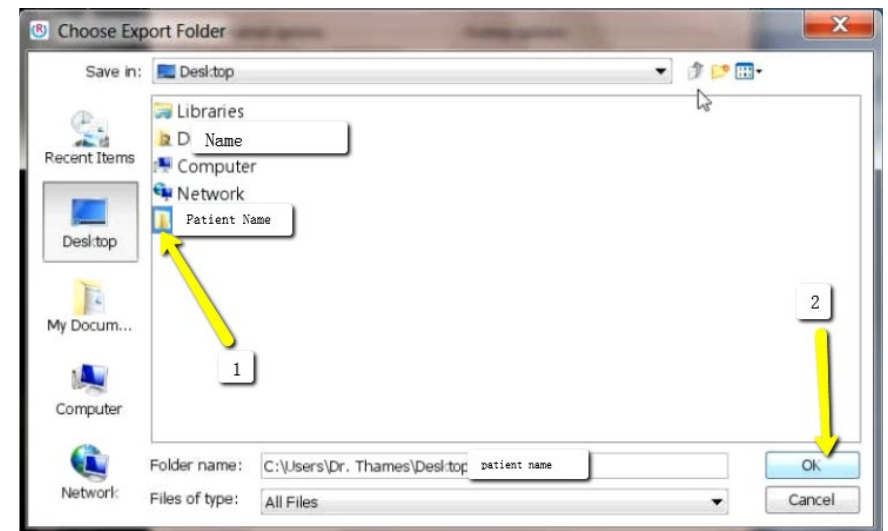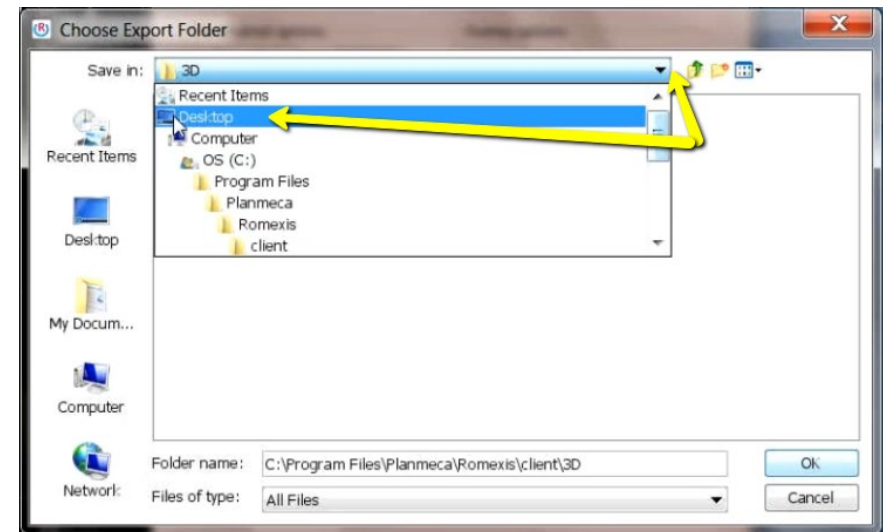
4. Export

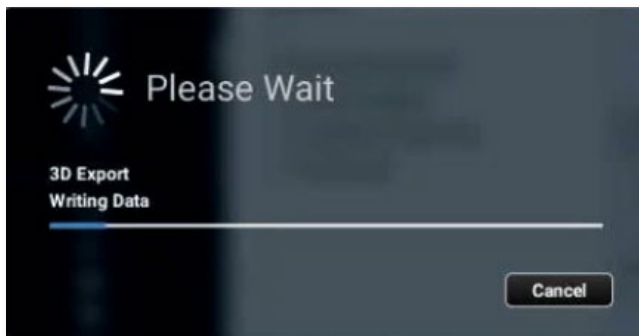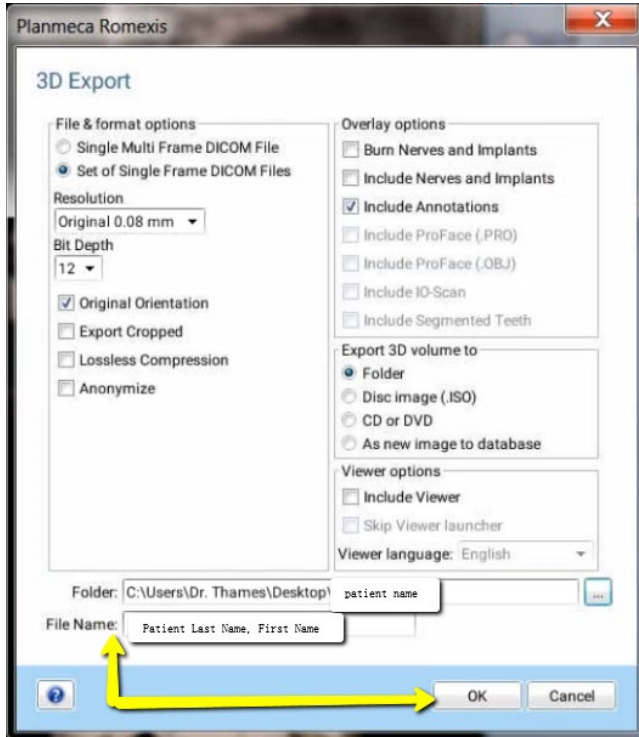Click on the "..." button to choose where to files export to.

5. Select Folder

A second pop up box will appear. Go to the desktop, select the patients folder, and click "OK"
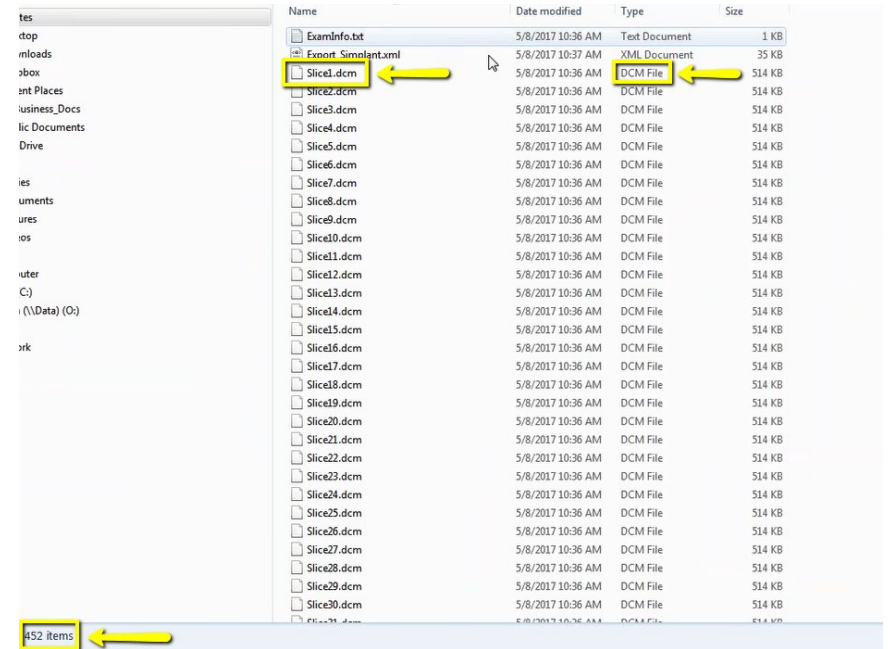
6. Export

The second pop-up box will disappear. Under the file name, type "Patient Last Name, First Name". Click "OK". Files will begin to export.

7. Verify .dcm Files

After the DICOM exports and saves, go to the patient's folder and verify the .dcm files were exported correctly; there should be several hundred files.

8. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".

1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.

2. Download

In your PreXion, right click on the patient's name and go to "Study Management" and click "Download Study".

3. Export

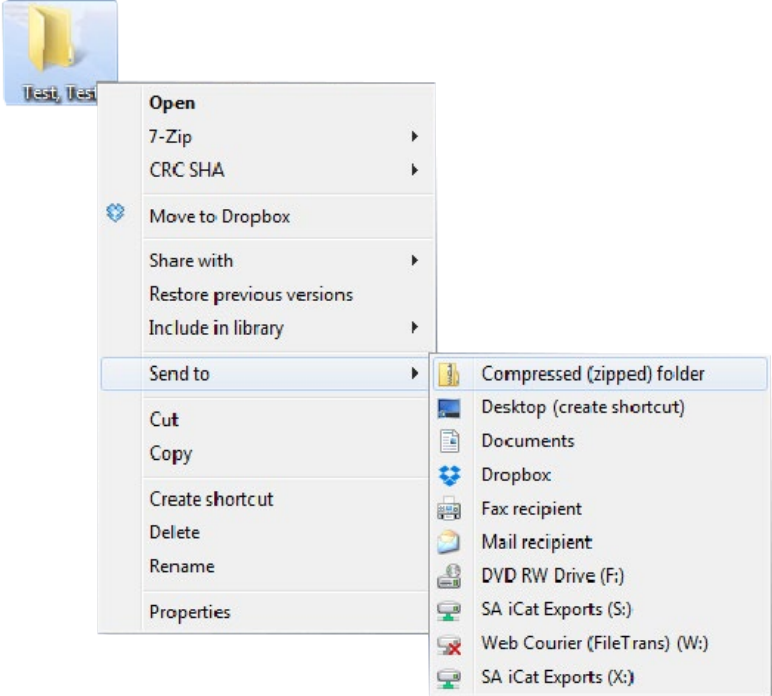Select the folder you just created on the desktop. Click "OK" to export the images.

4. Verify .dcm Files

After the DICOM exports and saves, go to the patients folder and verify the .dcm files were exported correctly; there should be several hundred files.
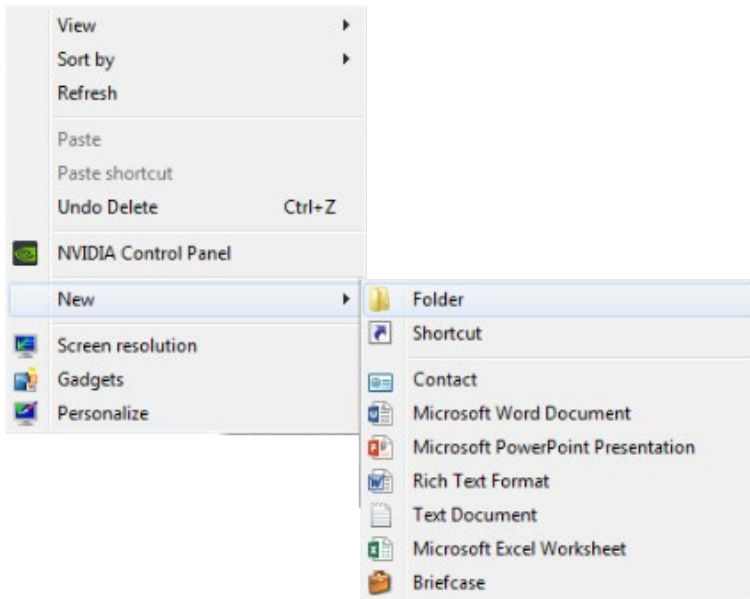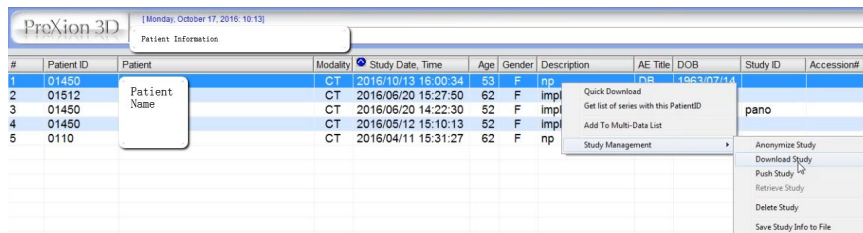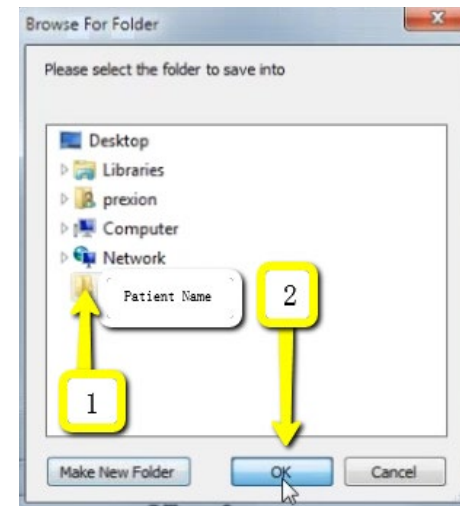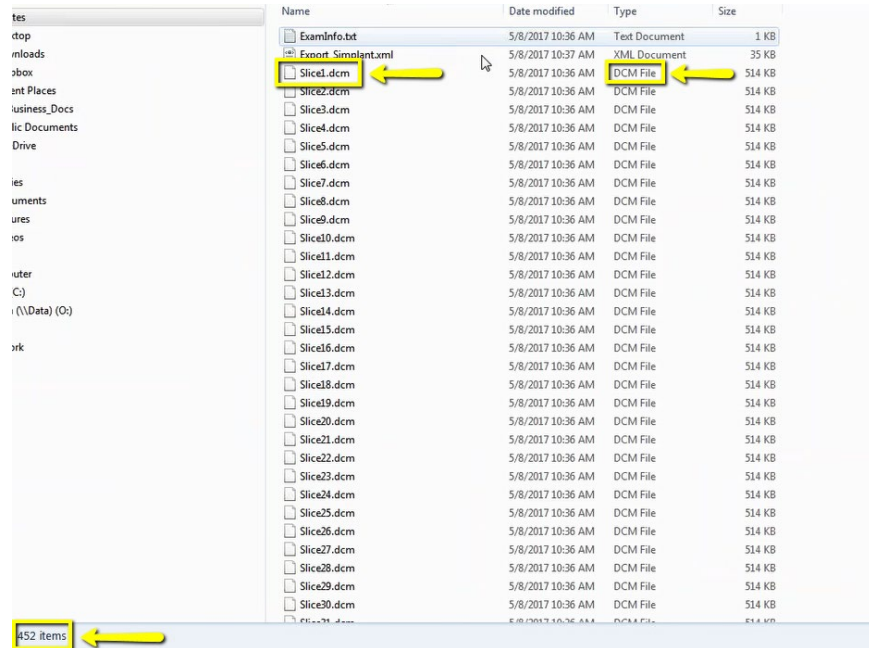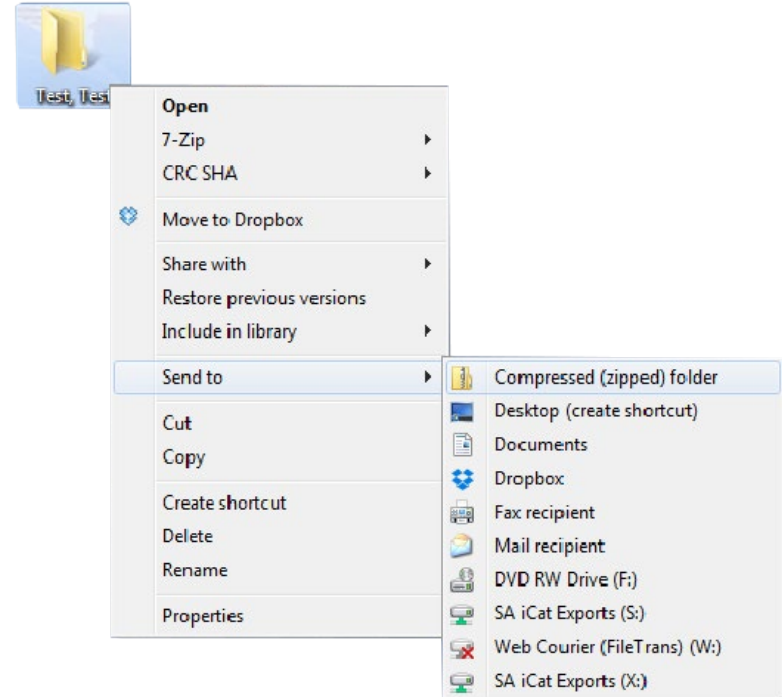

5. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
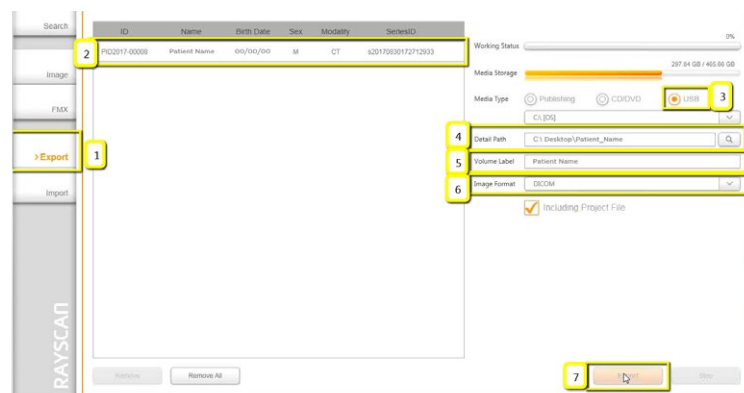
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.
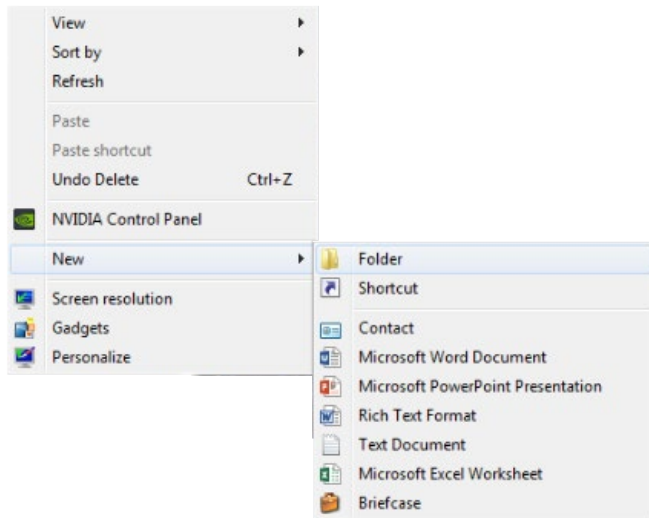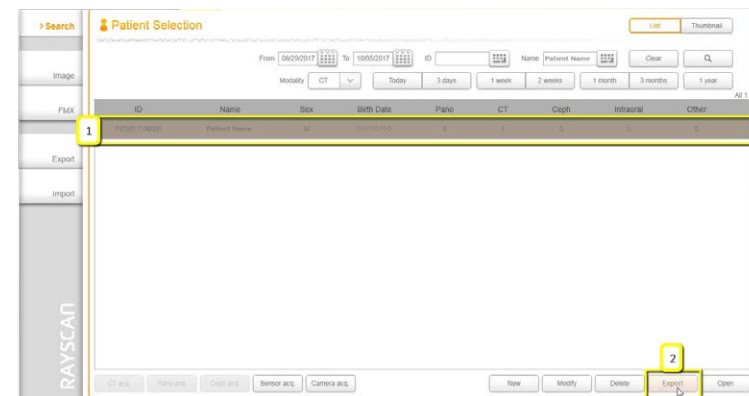

2. Open Rayscan

Open the Rayscan software and in the "Search" tab, select the correct dates, and type in the patient's name. Click the orange magnifying glass button to search.
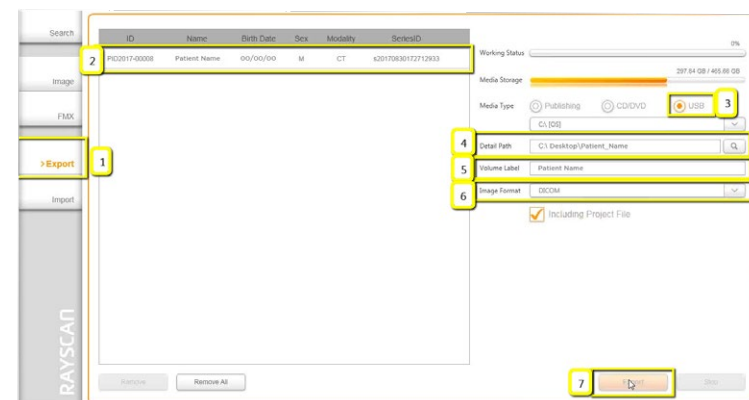

3. Export

Select the correct file and click "Export". You will get a pop-up verifying that the patient information has been added to the export tab. Click "OK"
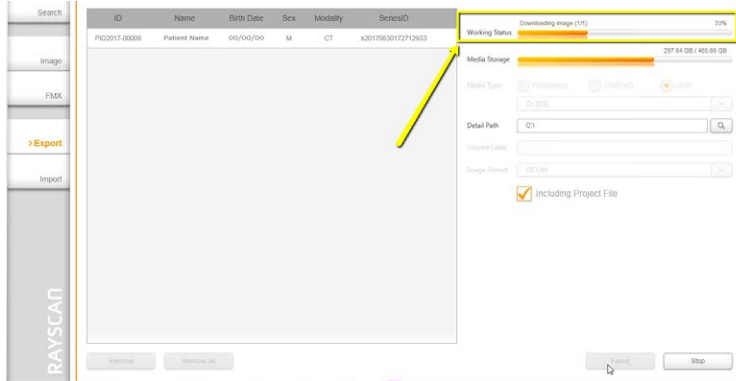

4. Complete Export

Click on the "Export" tab and select the correct patient information. To the right-hand side, you will have different exporting options. For media type, select "USB". For "Detail Path" click on magnifying glass button. A pop-up will appear for the save location. Select the folder we just made on the desktop and click "OK". Type in the patient's name next to "Volume Label". For the "Image Format" choose DICOM. Click "Export".
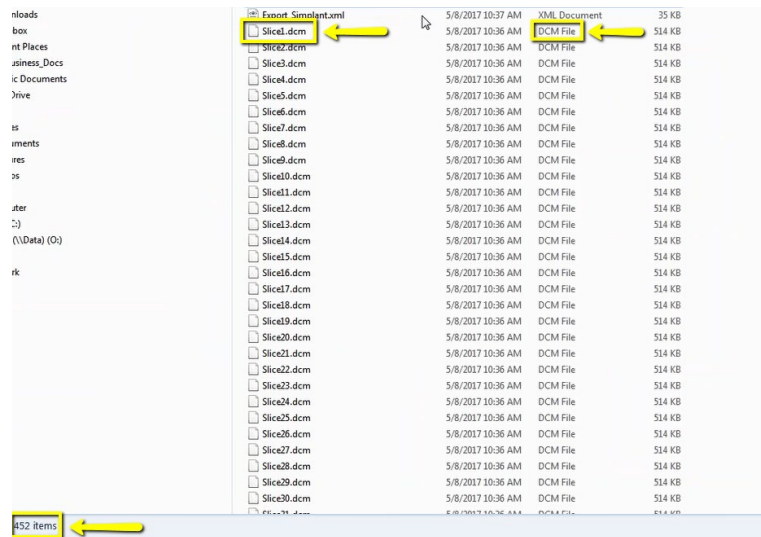
5. Complete

The export will begin working. Once the export reaches 100%, you will get a pop-up stating it is complete. Click "OK".
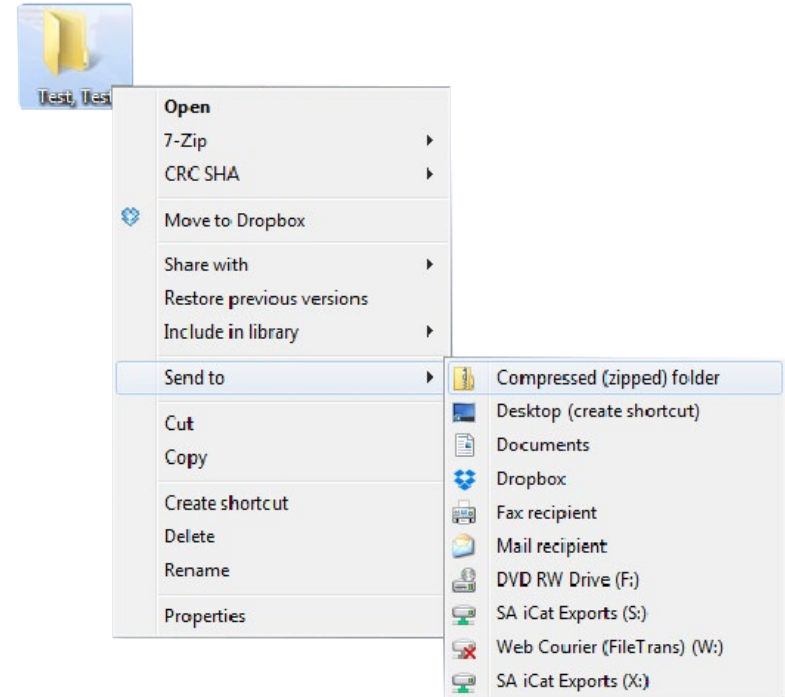

6. Verify .dcm Files

After the DICOM exports and saves, go to the patient's folder and verify the .dcm files were exported correctly; there should be several hundred files.


7. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
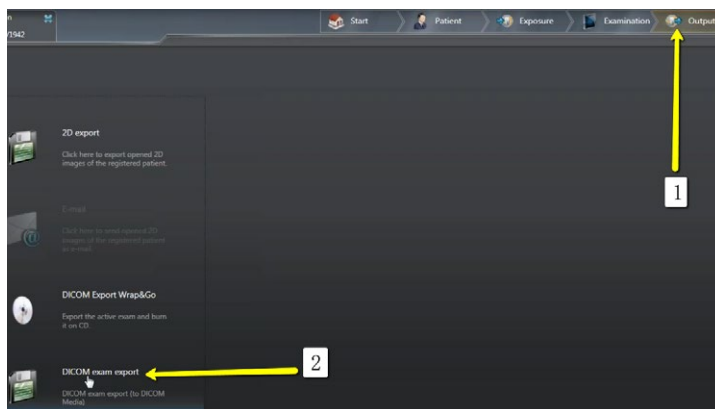
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.
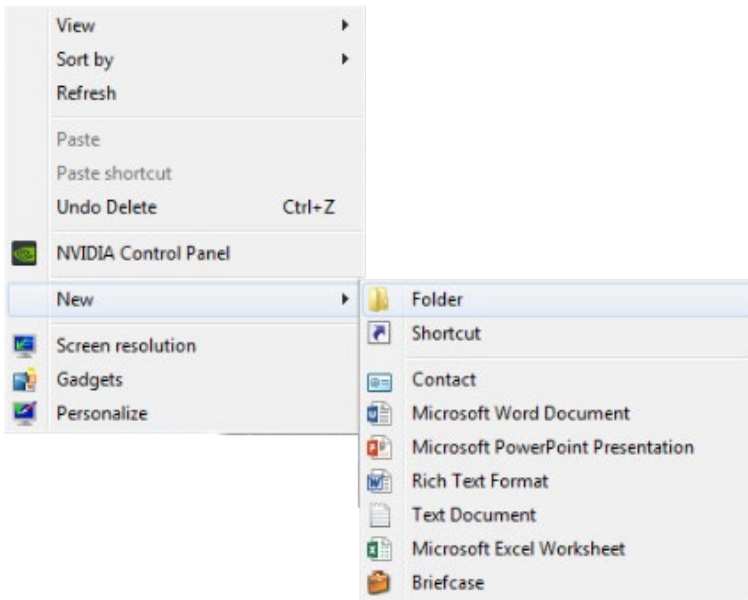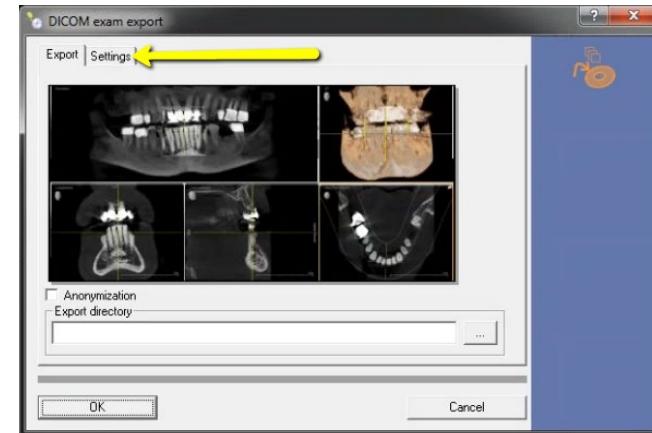

2. DICOM Export

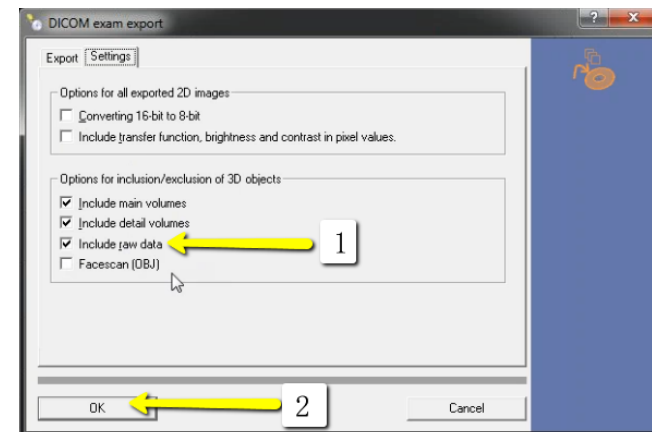Go to patient scan and click on "Output", then "DICOM Exam Export".

3. Settings

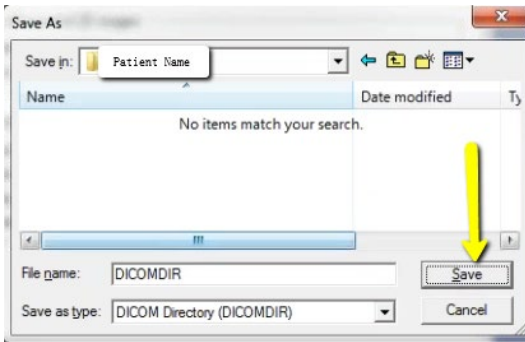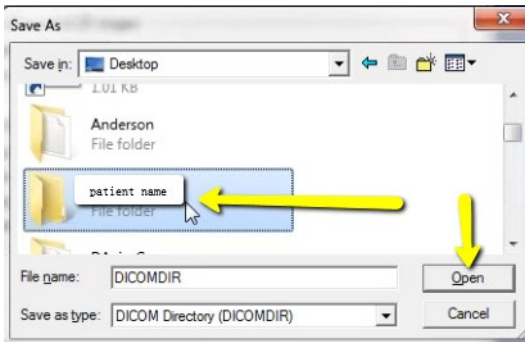An additional window should pop up with the patient scan. Click on "Settings".

4. Check Boxes

Please ensure that "Include Raw Data" is selected. No other options should have to change. Click "OK".
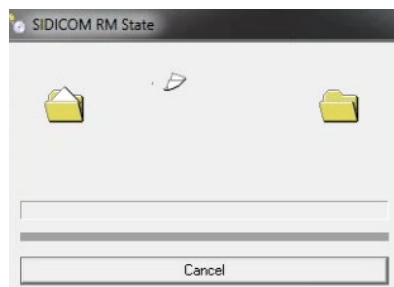
5. Save

Another window should pop up for a save location. Select the folder you just created on the desktop and click "Open", then "Save".
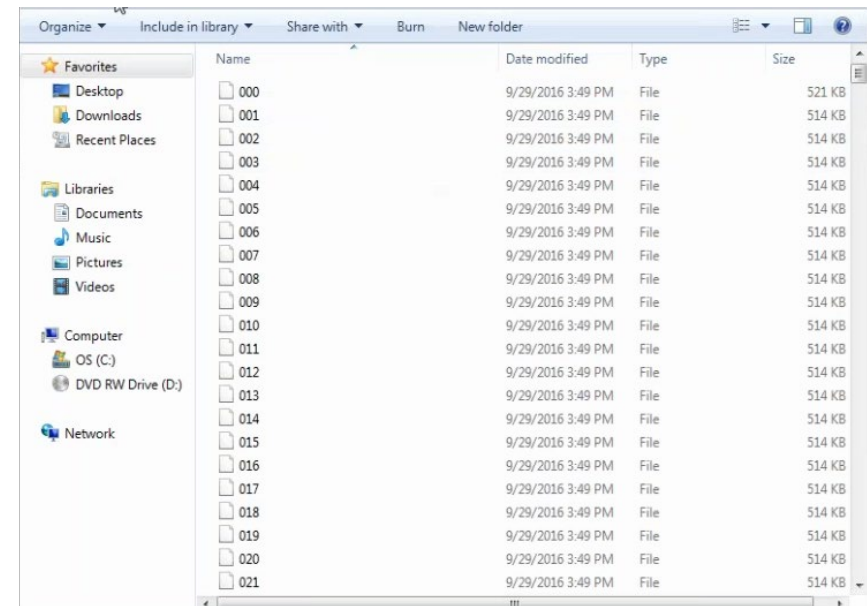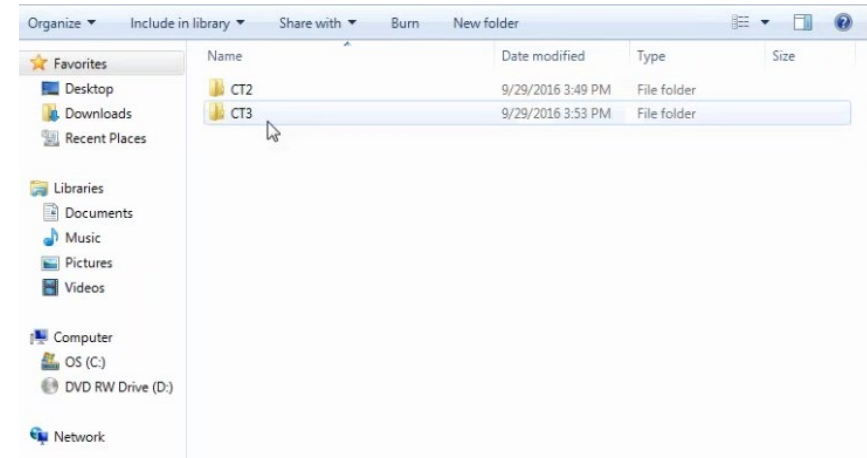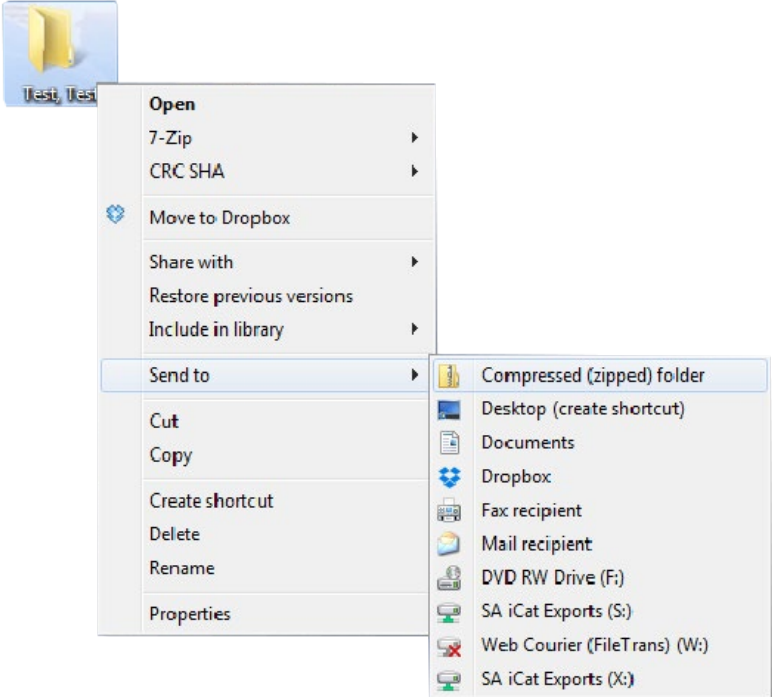

6. Export

Your files will begin exporting.

7. Verify .dcm Files

After the DICOM exports and saves, go to the folder and look for the sub folder named "CT3" (you may have to open a few folders before you see it). Verify the files were exported correctly; there should be several hundred files.

8. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".

Open	
7-Zip	▶
CRC SHA	▶
Move to Dropbox	
Share with	▶
Restore previous versions	
Include in library	▶
Send to	▶
Cut	
Copy	
Create shortcut	
Delete	
Rename	
Properties	

Send to submenu:

- Compressed (zipped) folder
- Desktop (create shortcut)
- Documents
- Dropbox
- Fax recipient
- Mail recipient
- DVD RW Drive (F:)
- SA iCat Exports (S:)
- Web Courier (FileTrans) (W:)
- SA iCat Exports (X:)

1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.
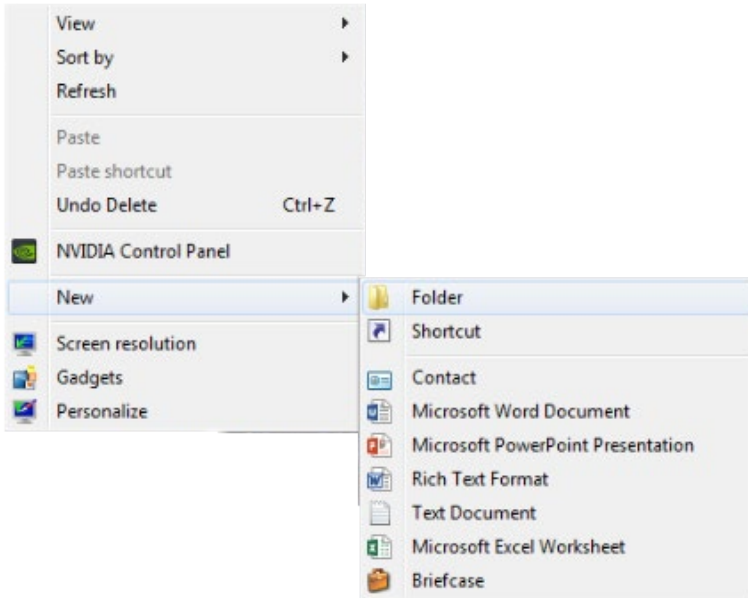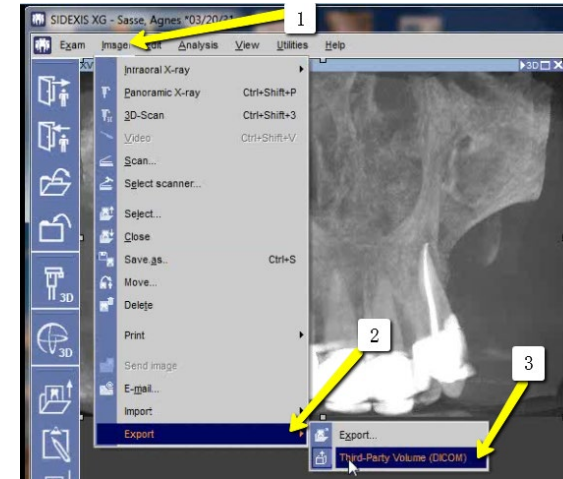

2. DICOM Export

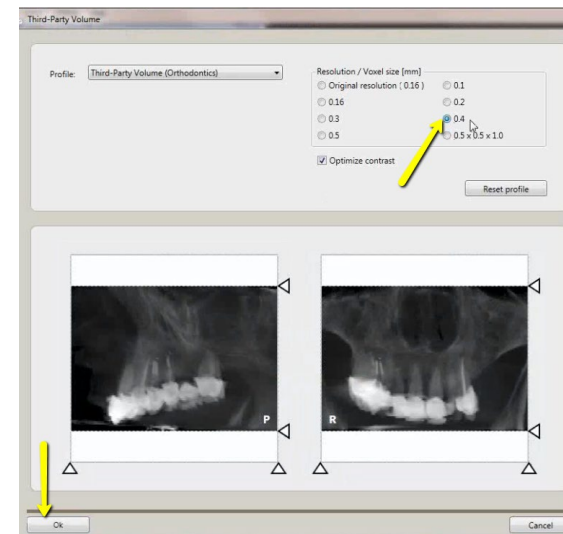Go to patient scan and click on "Output", then "DICOM Exam Export".

3. Export

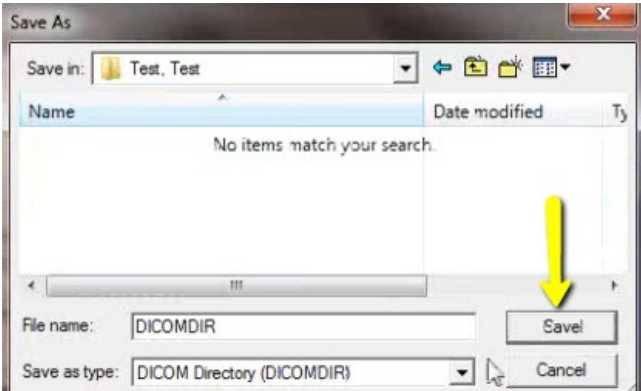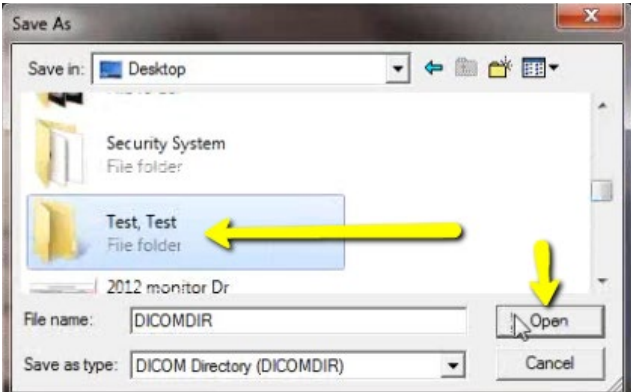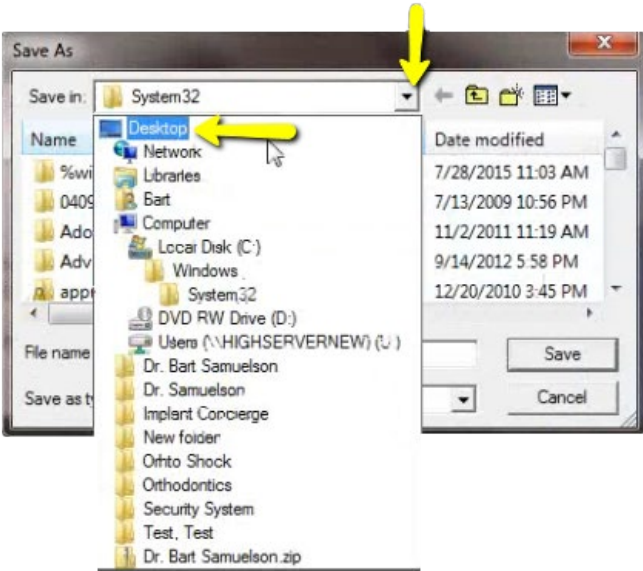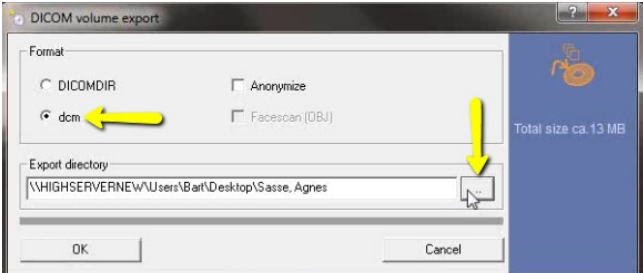Select "Image", "Export", and click "Export Third Party DICOM".

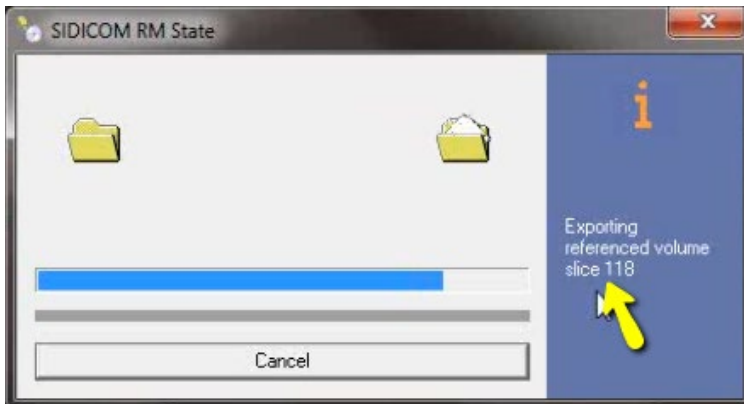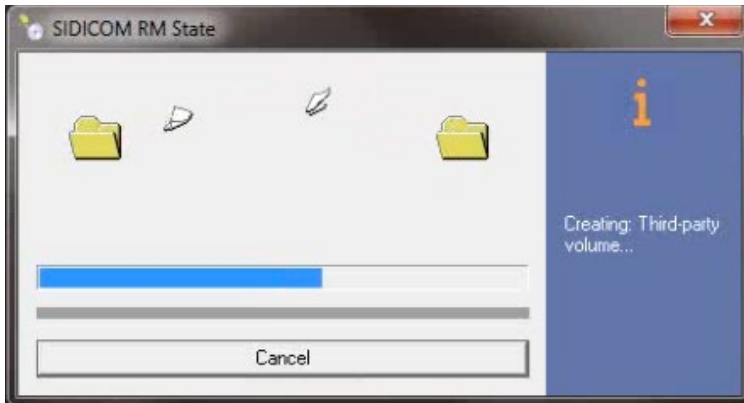## 4. Check boxes
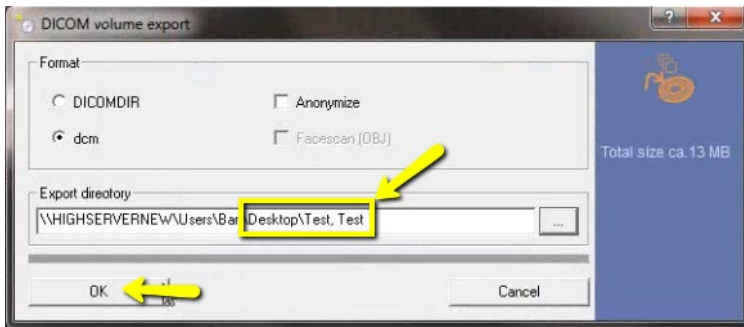
Select "0.4 Voxels", and click "OK".

5. Save

Click "dcm" and under the Export Directory section, click the "..." box to select the folder on your Desktop labeled with the patients name. Click "Open" then "Save!".
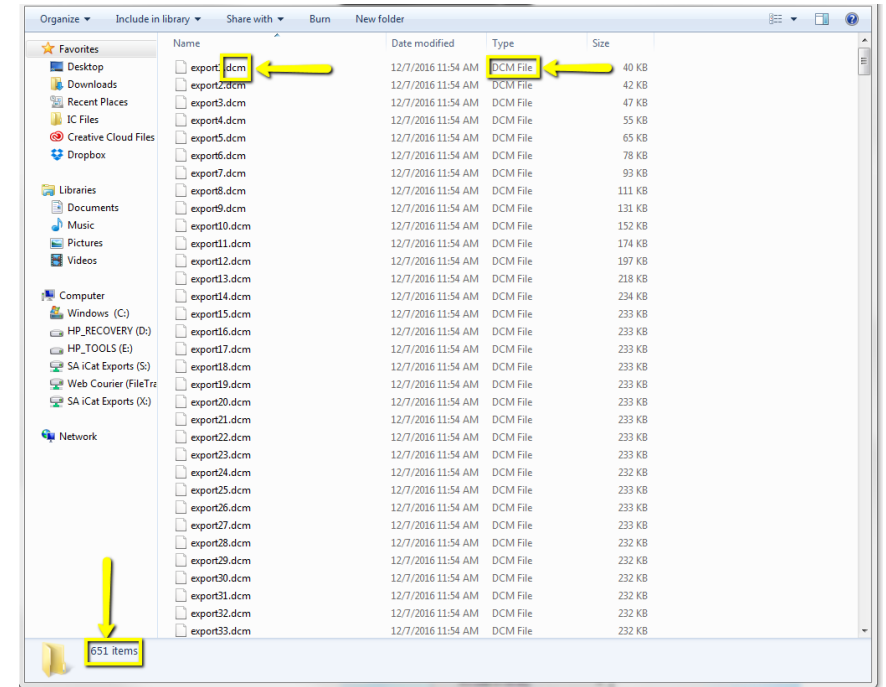
6. Export

Verify that the patient folder has been selected then click "OK". The files will begin exporting.
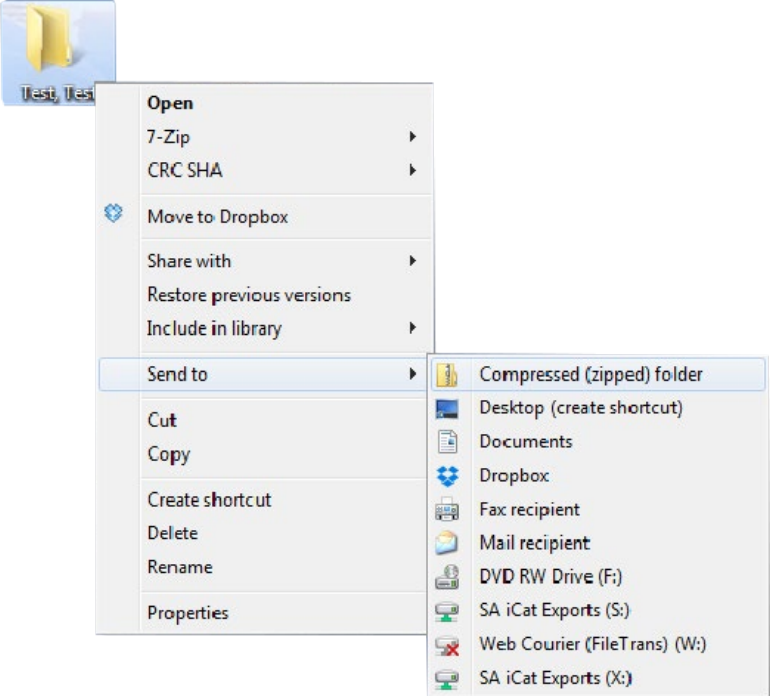

7. Verify .dcm Files

After the DICOM exports and saves, go to the patient's folder and verify the .dcm files were exported correctly; there should be several hundred files.
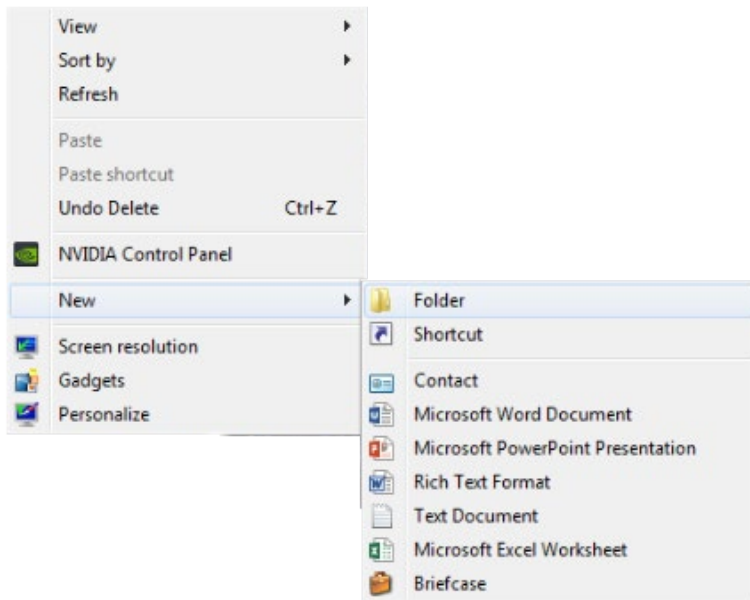
8. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
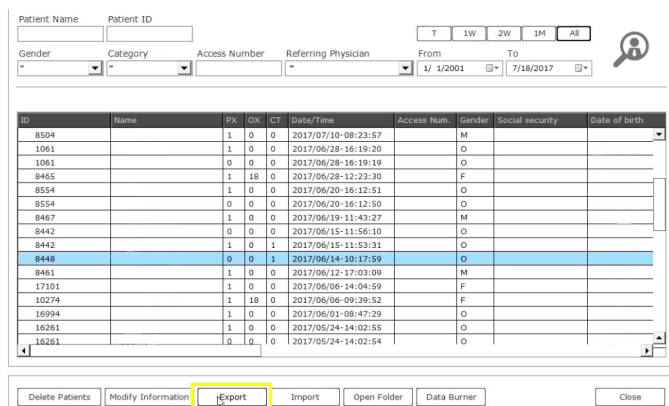
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.
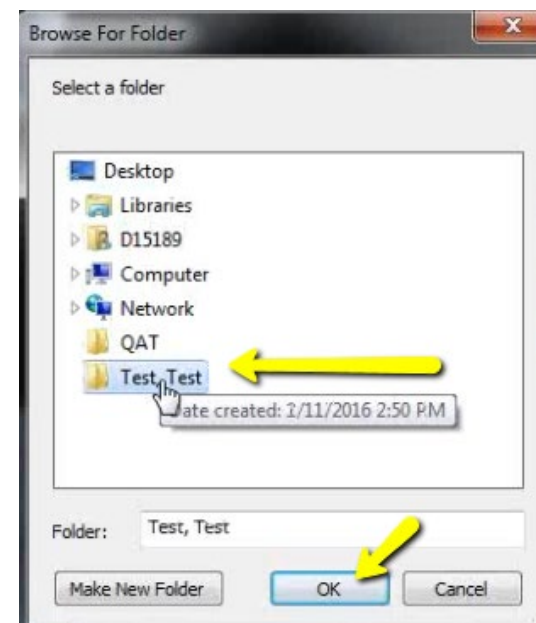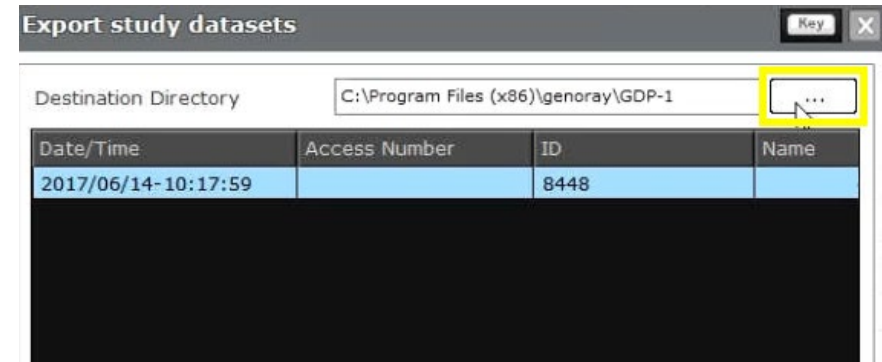

2. Export

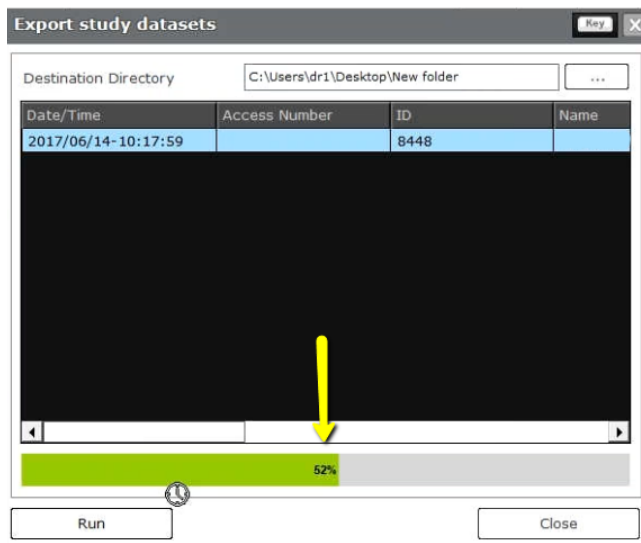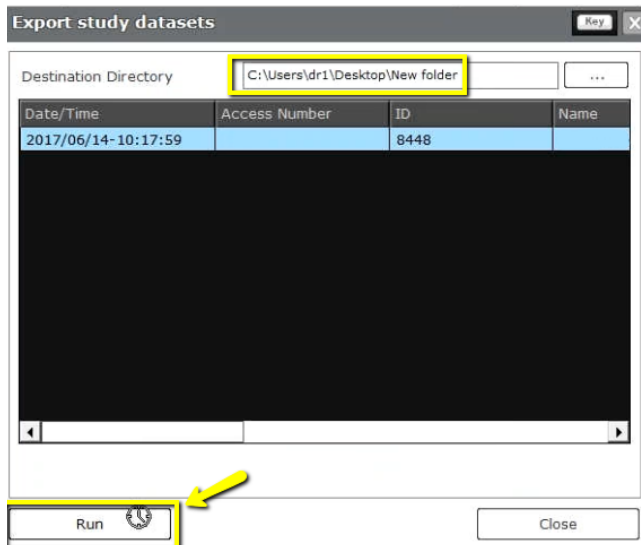Select the patient in the database and click "Export".

3. Save location

Select the scan and click the button ". . ." and a pop up will appear for the save location. Select the folder we just made on the desktop and click "OK".
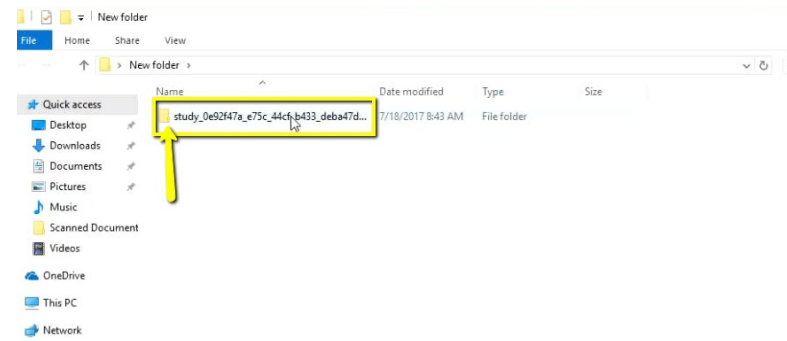
4. Loading

The pop up will disappear. Verify you have the correct folder selected and click "Run". A bar will begin loading.
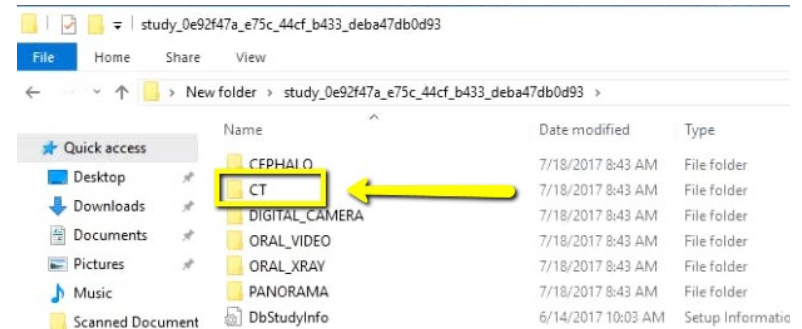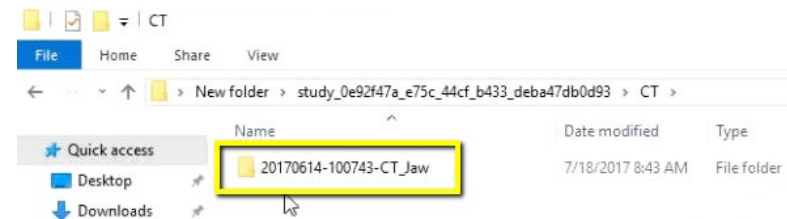

5. Study folder

After the DICOM exports and saves, go to the patients' folder and double click to open. Double click on the study.
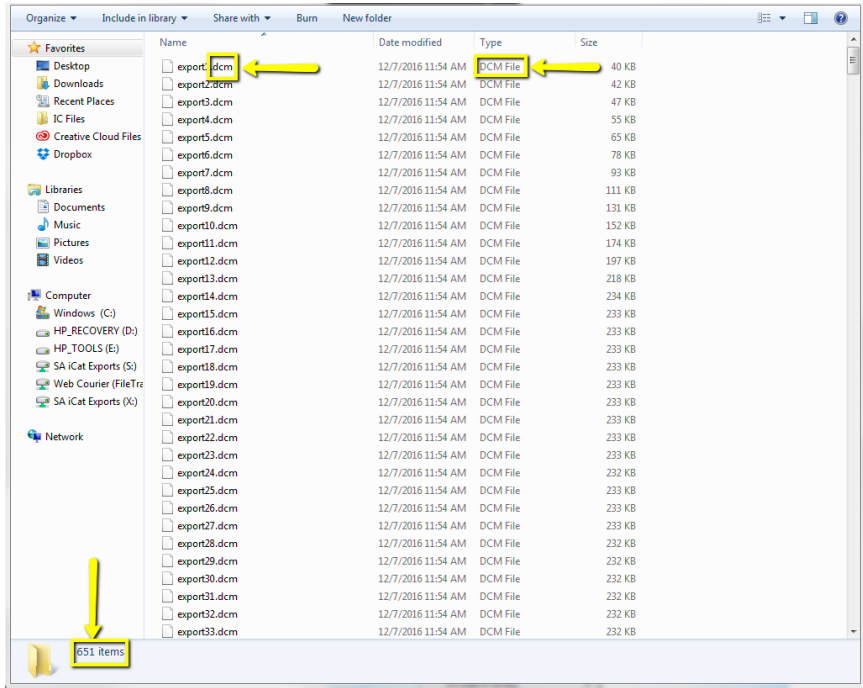

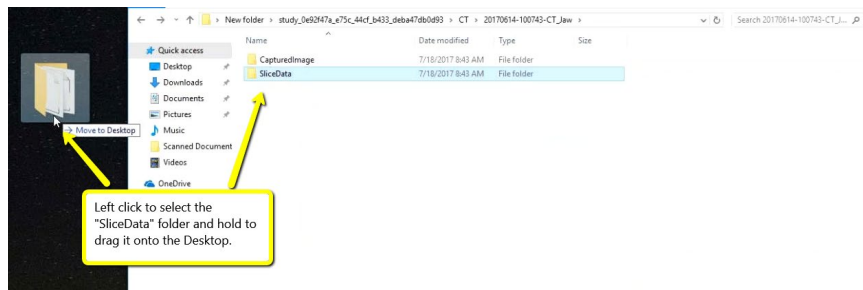Double click on "CT".

Double click on the "CT_Jaw" folder.

Double click on "Slice Data". This folder should contain the multi-file DICOM

6. Drag

Drag the SliceData folder to the Desktop.

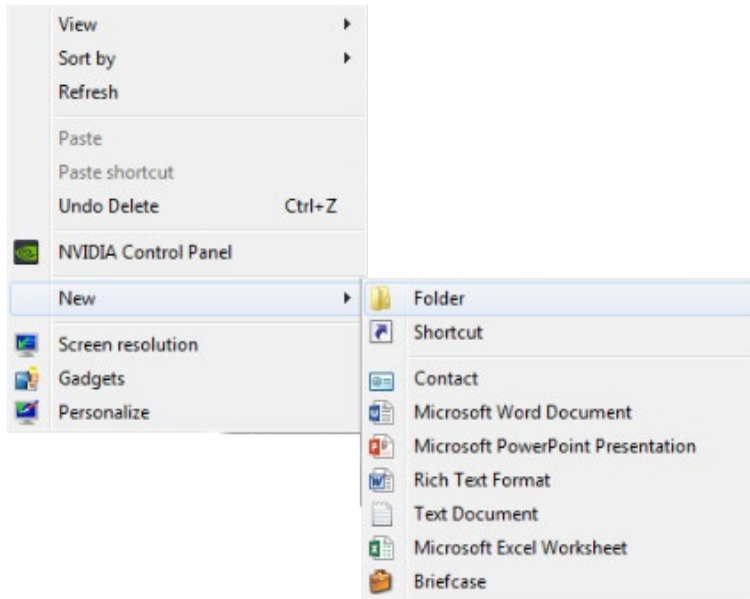Left click to select the "SliceData" folder and hold to drag it onto the Desktop.

7. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
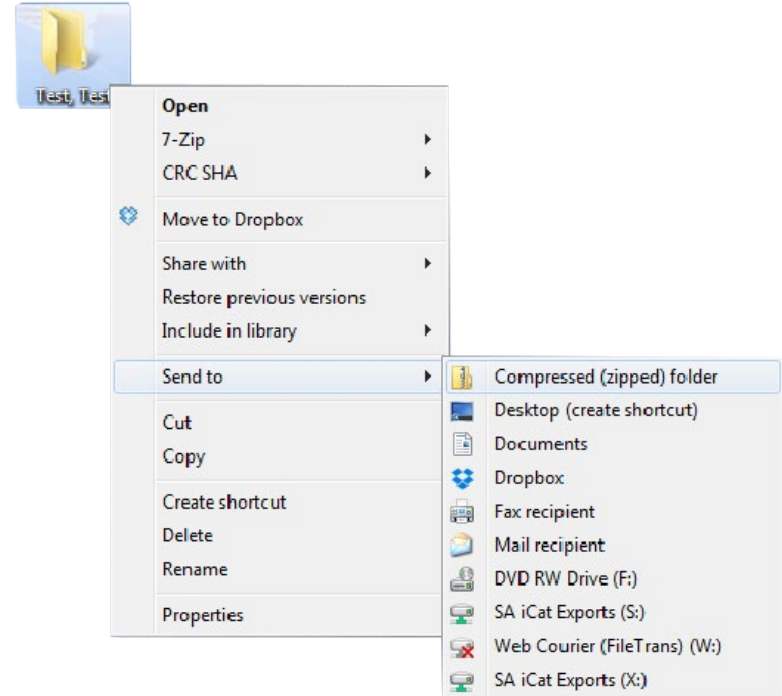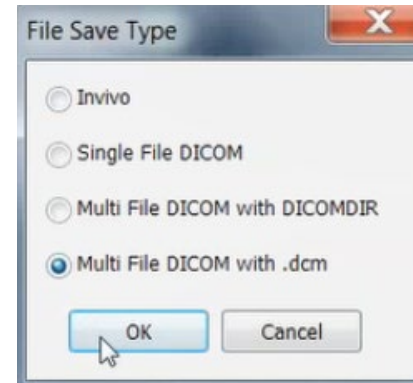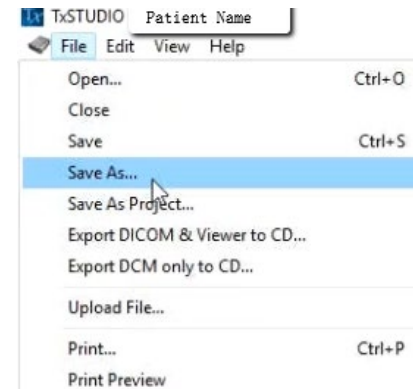
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.
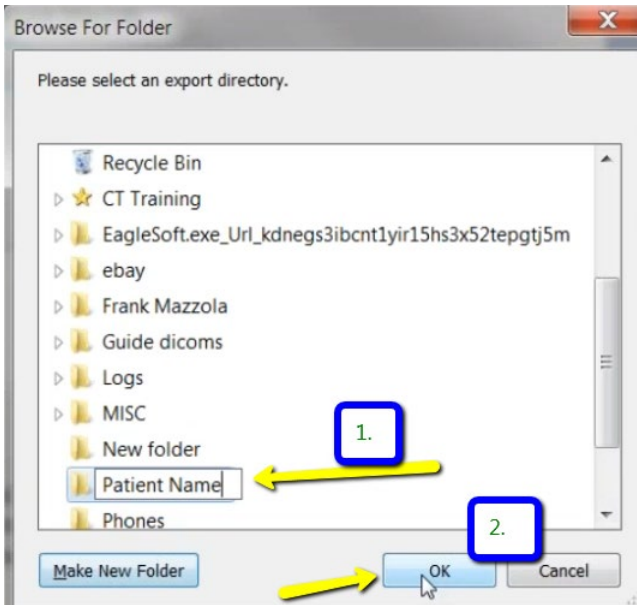

2. Save .dcm file

Open your image and click on "File", "Save As", "Multi File DICOM with .dcm", and click "OK".
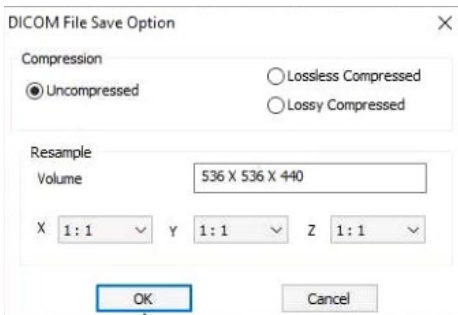
3. Select Folder

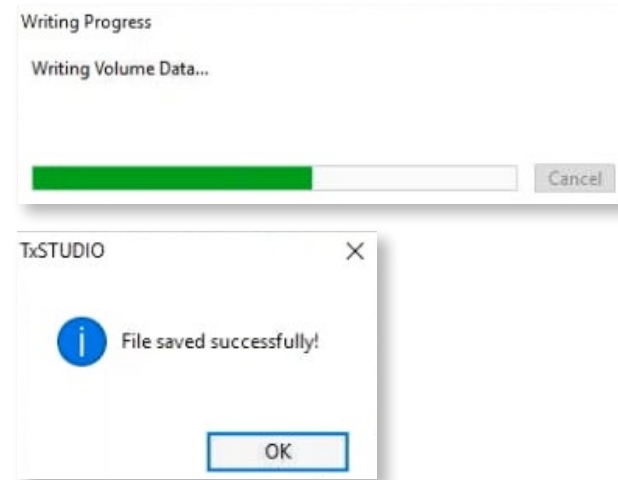Select the folder you just created on the desktop and click "OK".

4. Check Boxes

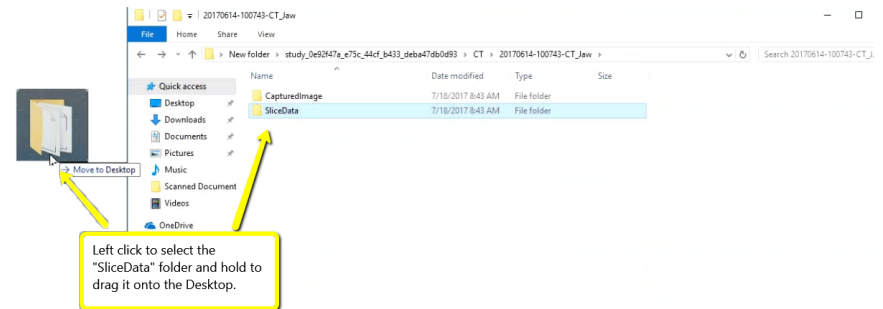Please ensure that "Uncompressed" is selected and click "OK".

5. Export

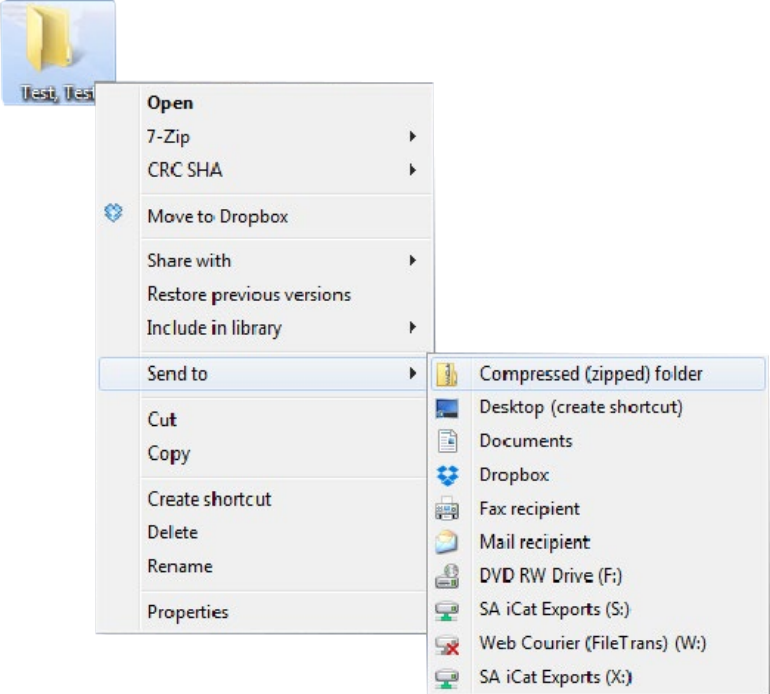Your files will begin exporting. Click "OK" when the files save.

6. Verify .dcm files

After the DICOM exports and saves, go to the patients folder and verify the .dcm files were exported correctly; there should be several hundred files.

Left click to select the "SliceData" folder and hold to drag it onto the Desktop.
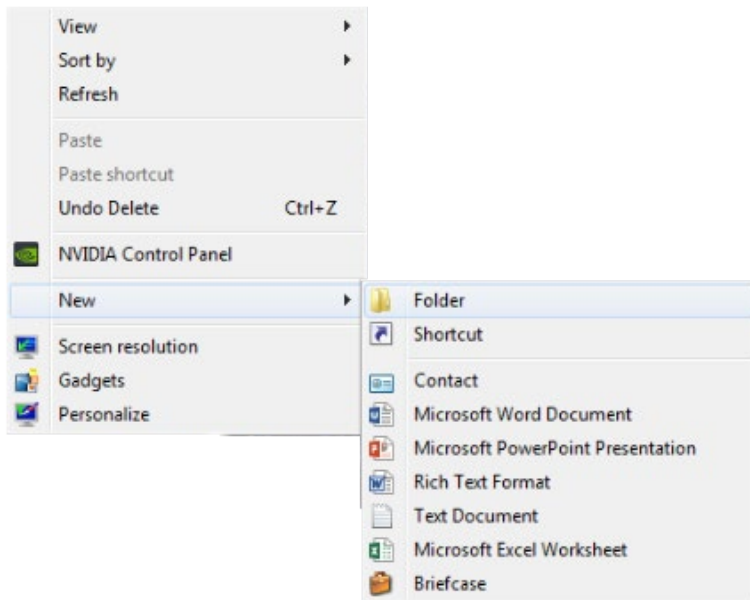
7. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
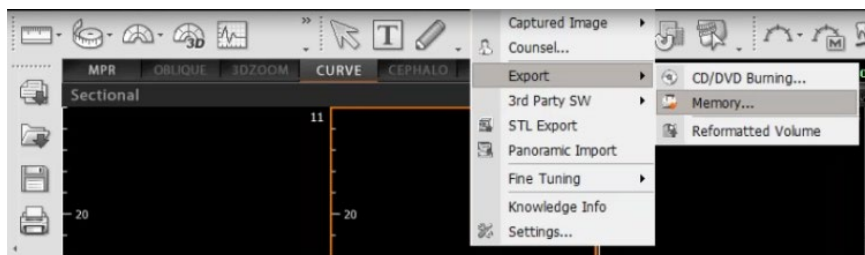
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.
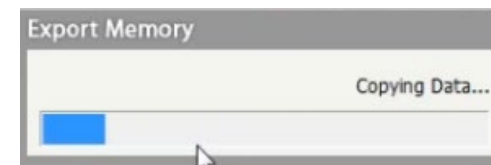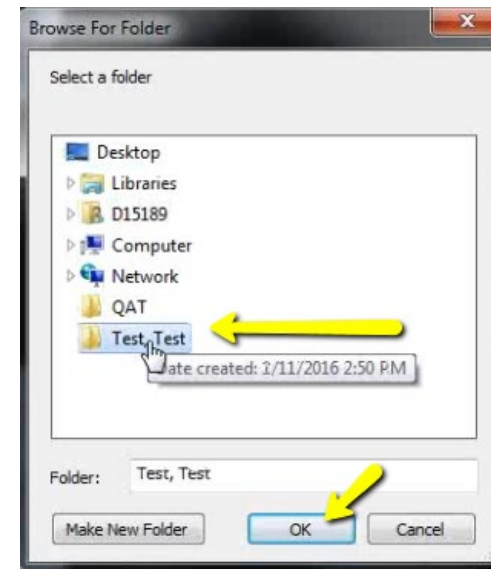

2. Memory

In your VaTech, open your image, click on "Tools", click "Export", and click "Memory".
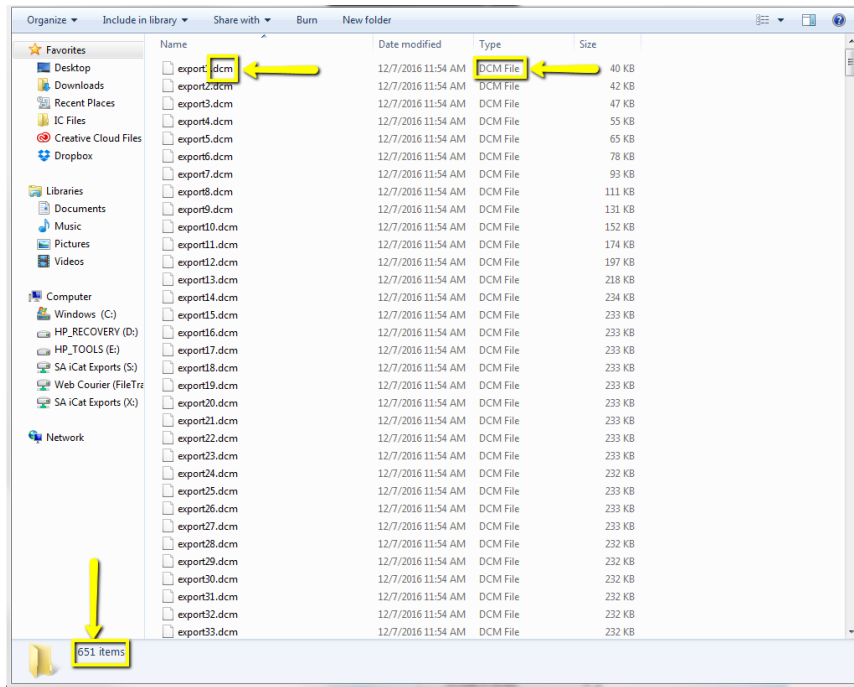

3. Export

Select the folder you just created on your desktop. Click "OK" to export images.
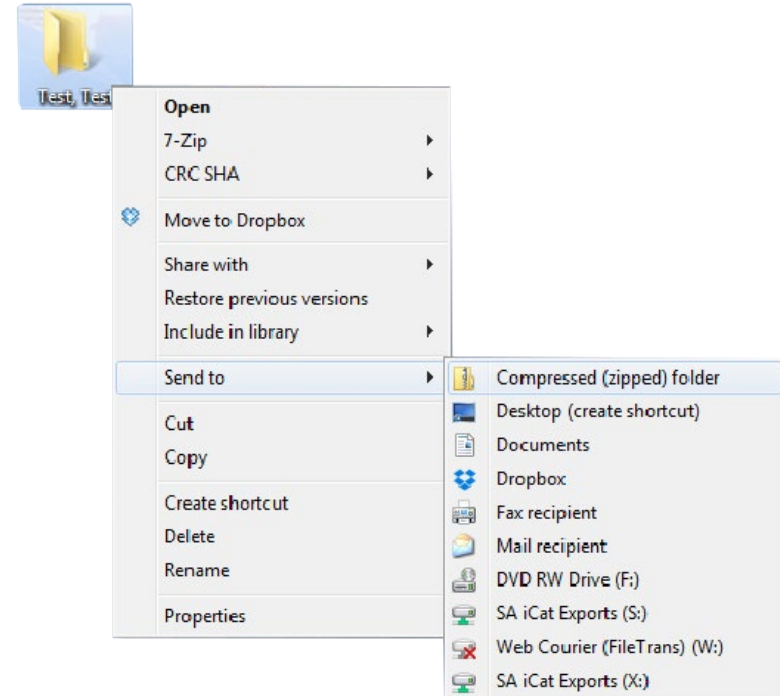
4. Verify .dcm Files

After the DICOM exports and saves, go to the patient's folder and verify the .dcm files were exported correctly; there should be several hundred files.


5. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
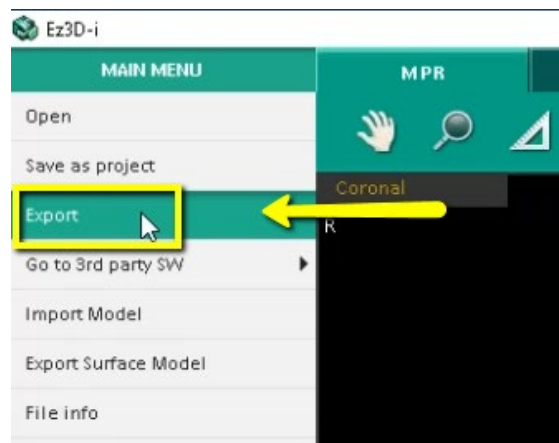
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.
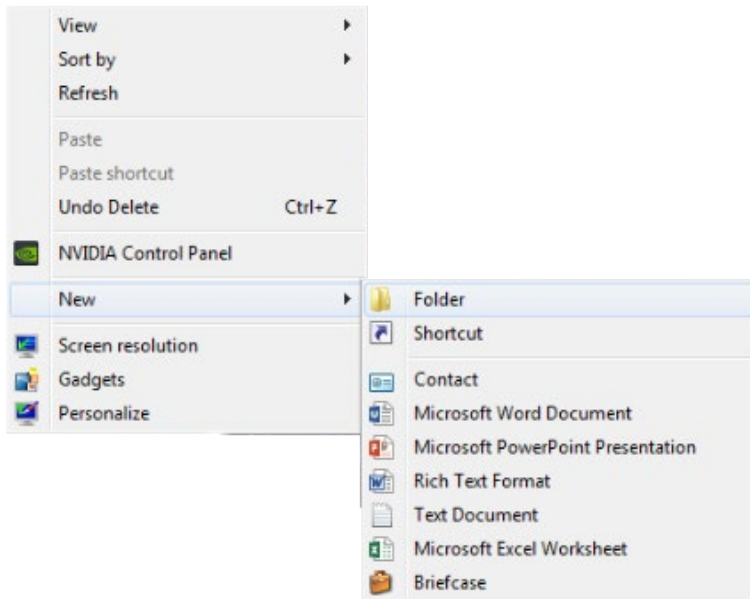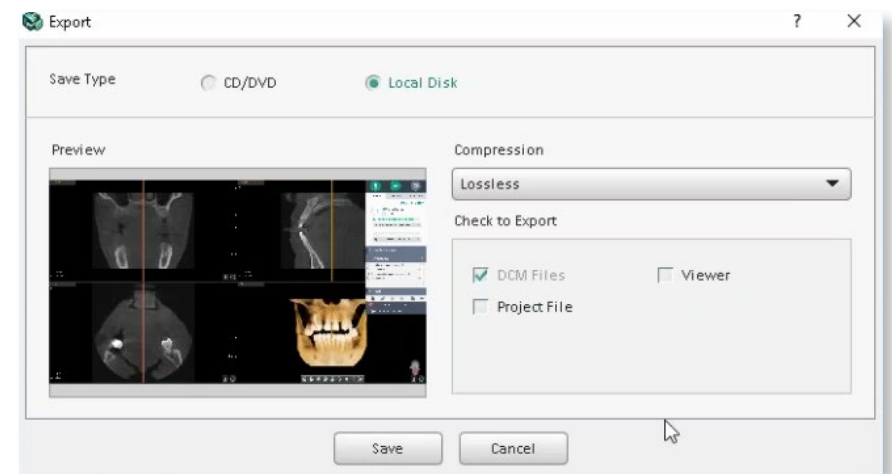

2. Export

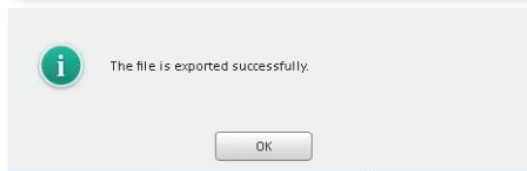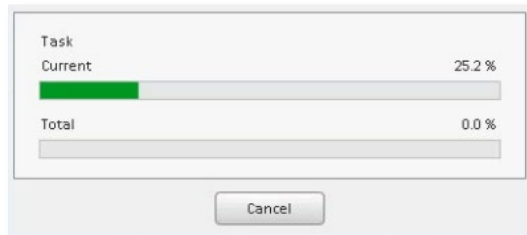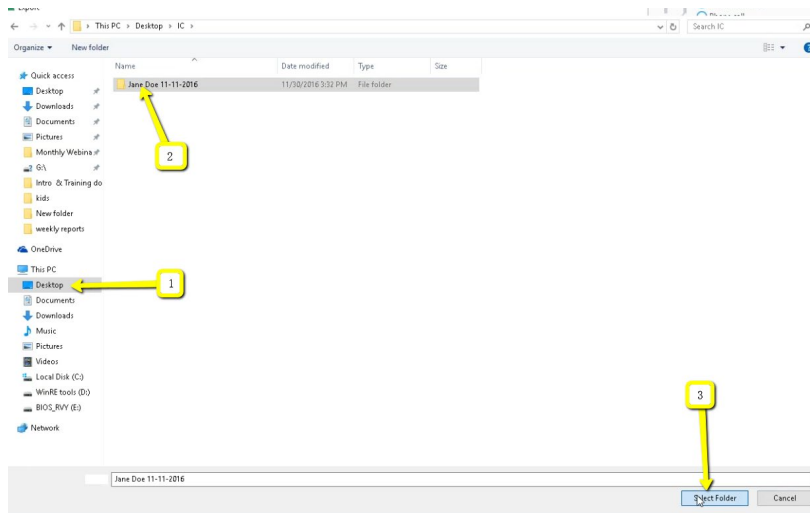In your VaTech, open the patient scan. Click on "Main Menu", then "Export".

3. Save

A pop up box will appear. For "Save Type", select "Local Disk". For Compression, select "Looseless". Then check the items that you would like to export. Implant Concierge requires only the "DCM Files". However, if you are a scanning site and would like to send the viewer to the Doctor, select "Viewer". If you are wanting to export your treatment plan, select "Project File". Then, click "Save"
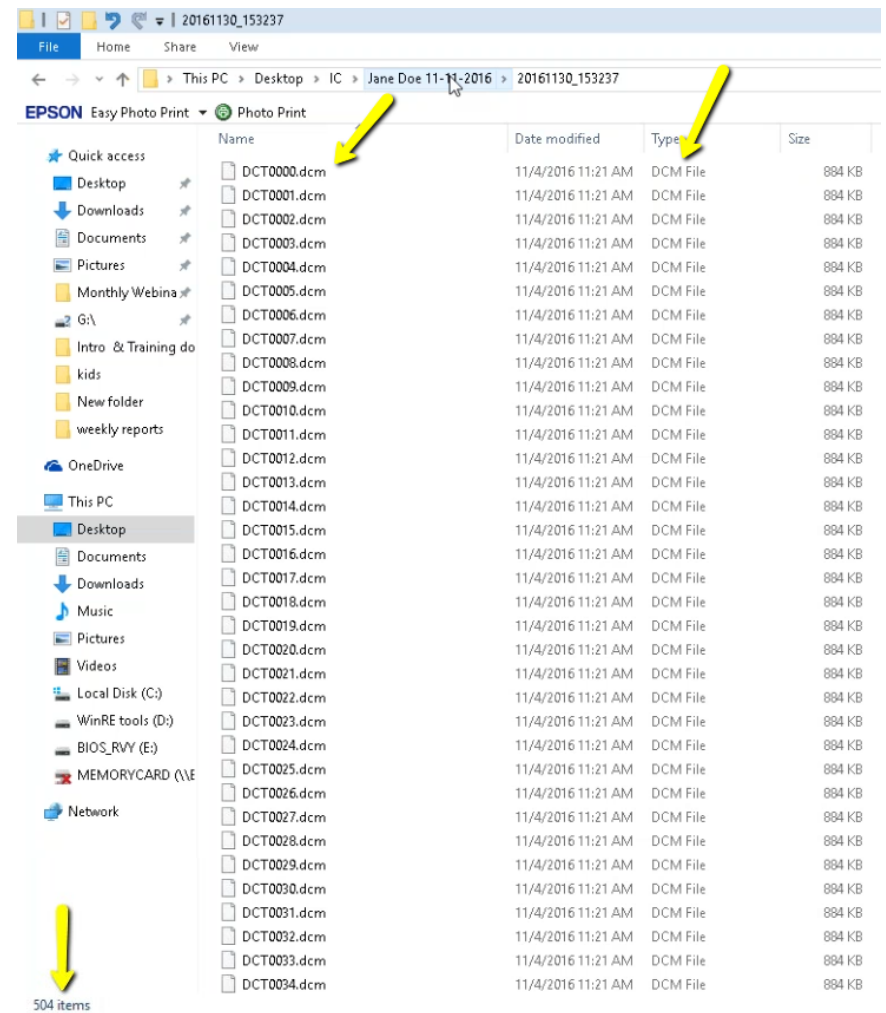
4. Export .dcm files

A second pop-up will appear for the save location. Select the folder you just created on the desktop, and click "Select Folder". The DICOM files will begin to export. Once the files are exported, you will get a confirmation pop-up. Click "OK".
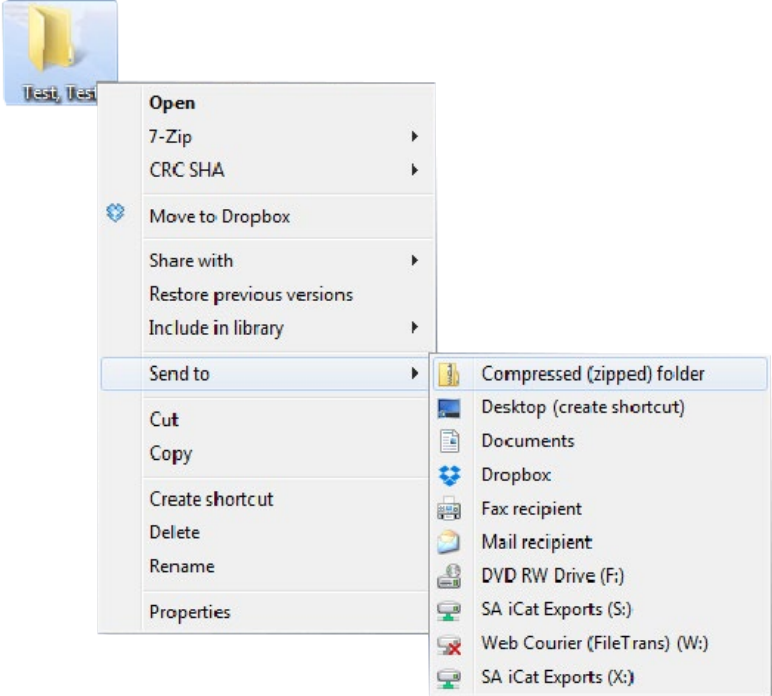

5. verify .dcm files

After the DICOM exports, go to the patients folder and verify the .dcm files were exported correctly; there should be several hundred files.
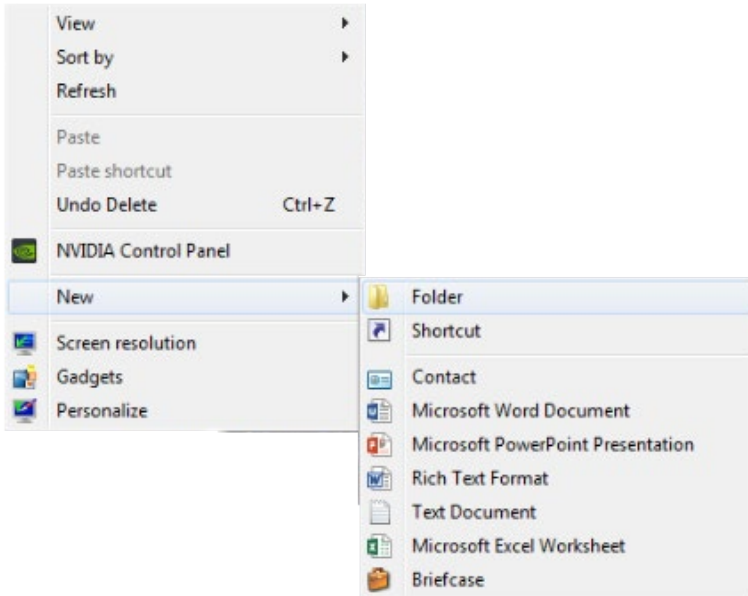
6. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".
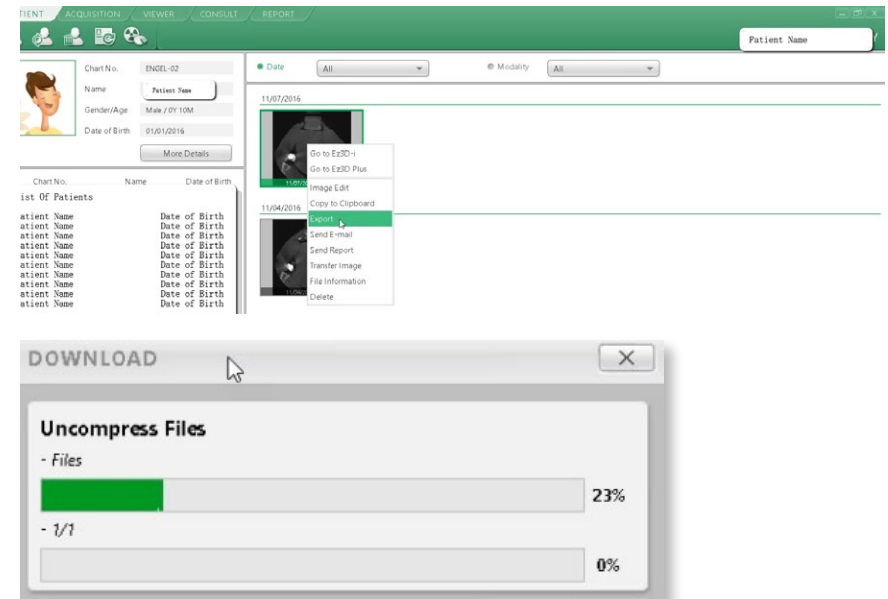
1. New Folder

On your desktop, right click on an empty space. Go to "New" and click "Folder". A folder will appear with highlighted blue text. Type in the patient name and push "Enter" on your keyboard.
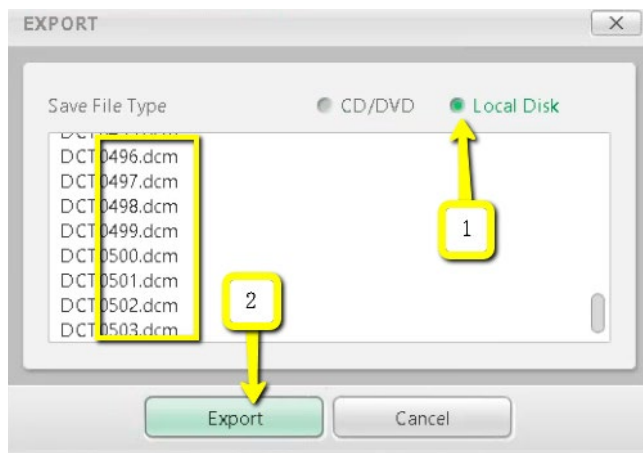

2. Download

In your VaTech, select your patient and right click on the CBCT scan. Click "Export". Your files will begin downloading.
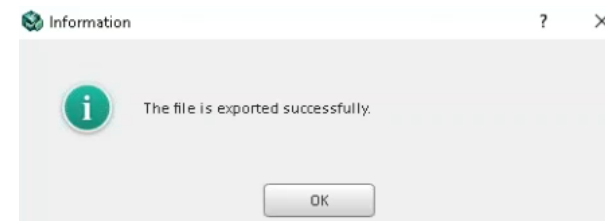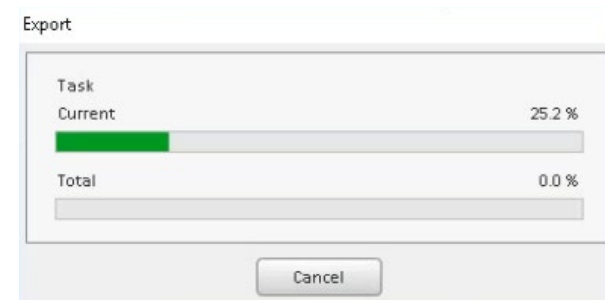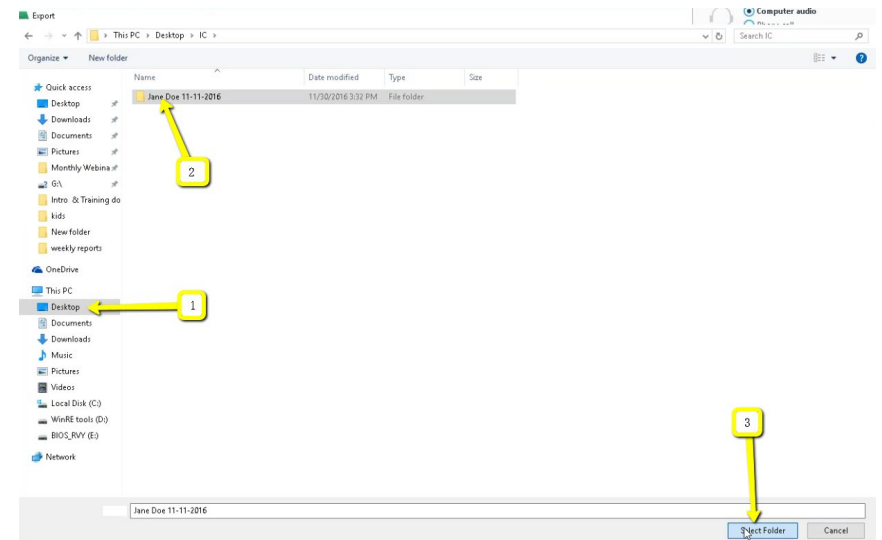
3. Export

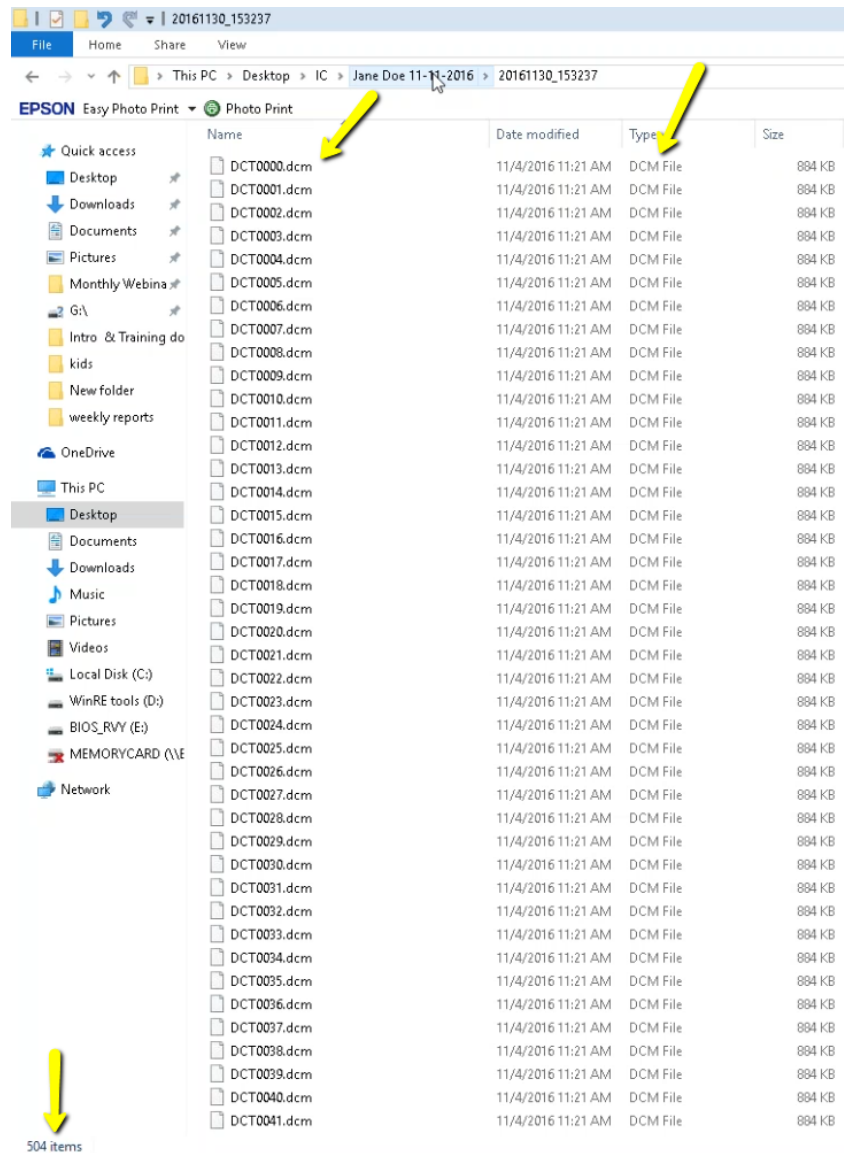A pop-up will appear. You should see several hundred .dcm files. Click on "Local Disk", then "Export".

4. Export .dcm files

A second pop-up will appear for the save location. Select the folder you just created on the desktop, and click "Select Folder". The DICOM files will begin to export. Once the files are exported, you will get a confirmation pop-up. Click "OK".
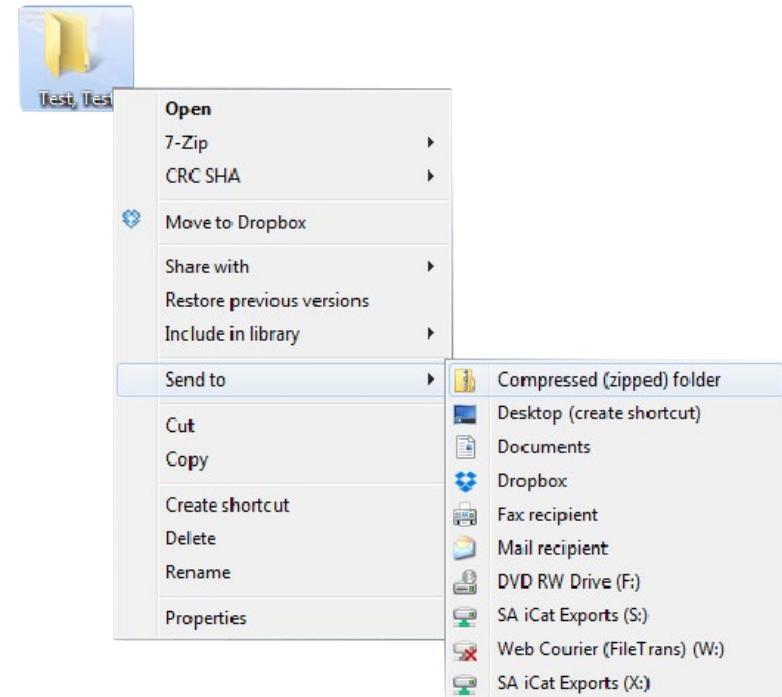
5. verify .dcm files

After the DICOM exports, go to the patients folder and verify the .dcm files were exported correctly; there should be several hundred files.

6. Zip Folder

Go back to the desktop, right-click on the patient's folder, go to "Send to", and select "Compressed (zipped) folder". A duplicate folder will be made with either a zipper on it, or a blue "Z".

PARAMOUNT
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STUDIO