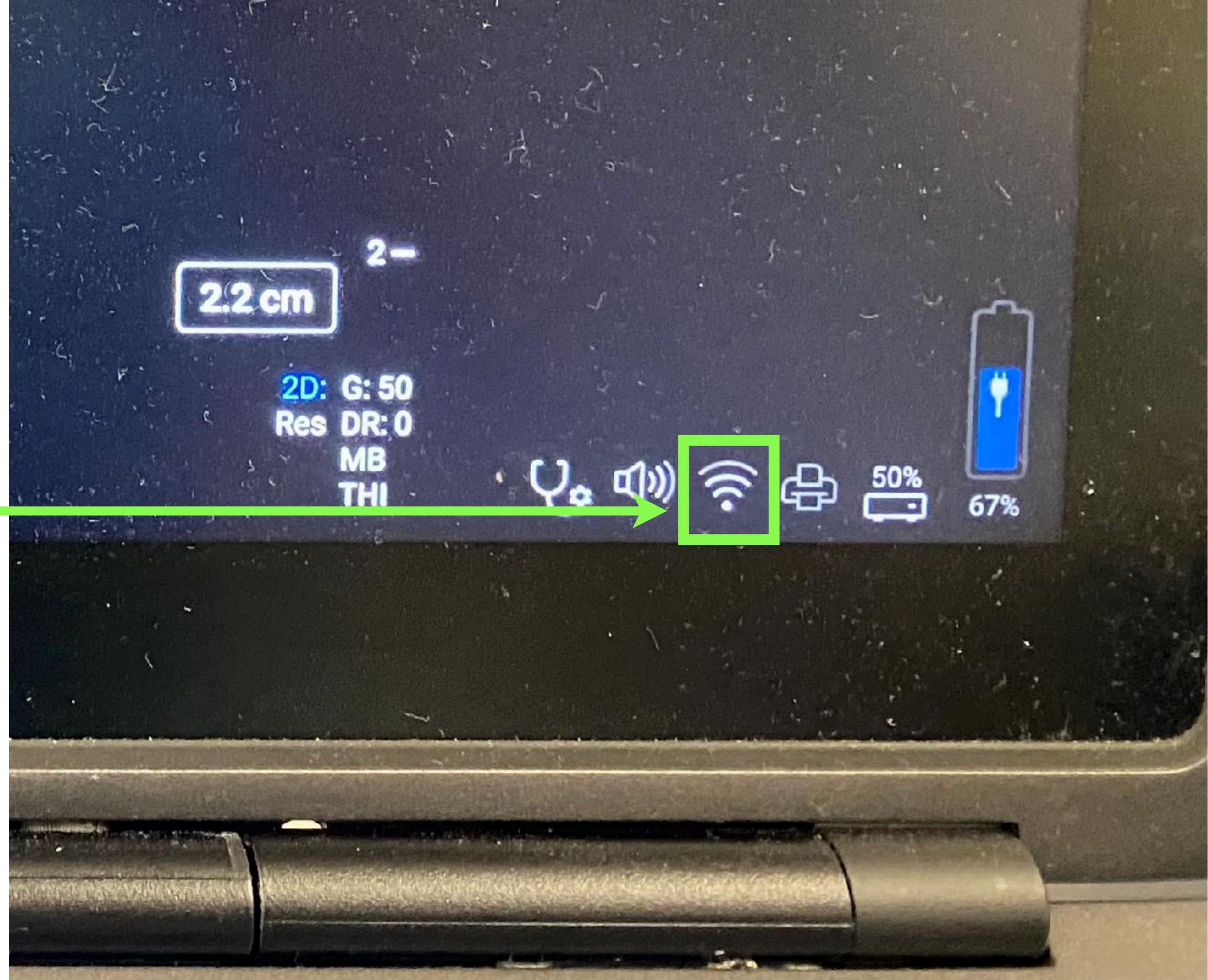# Encounter-based Workflow patient entry and scanning

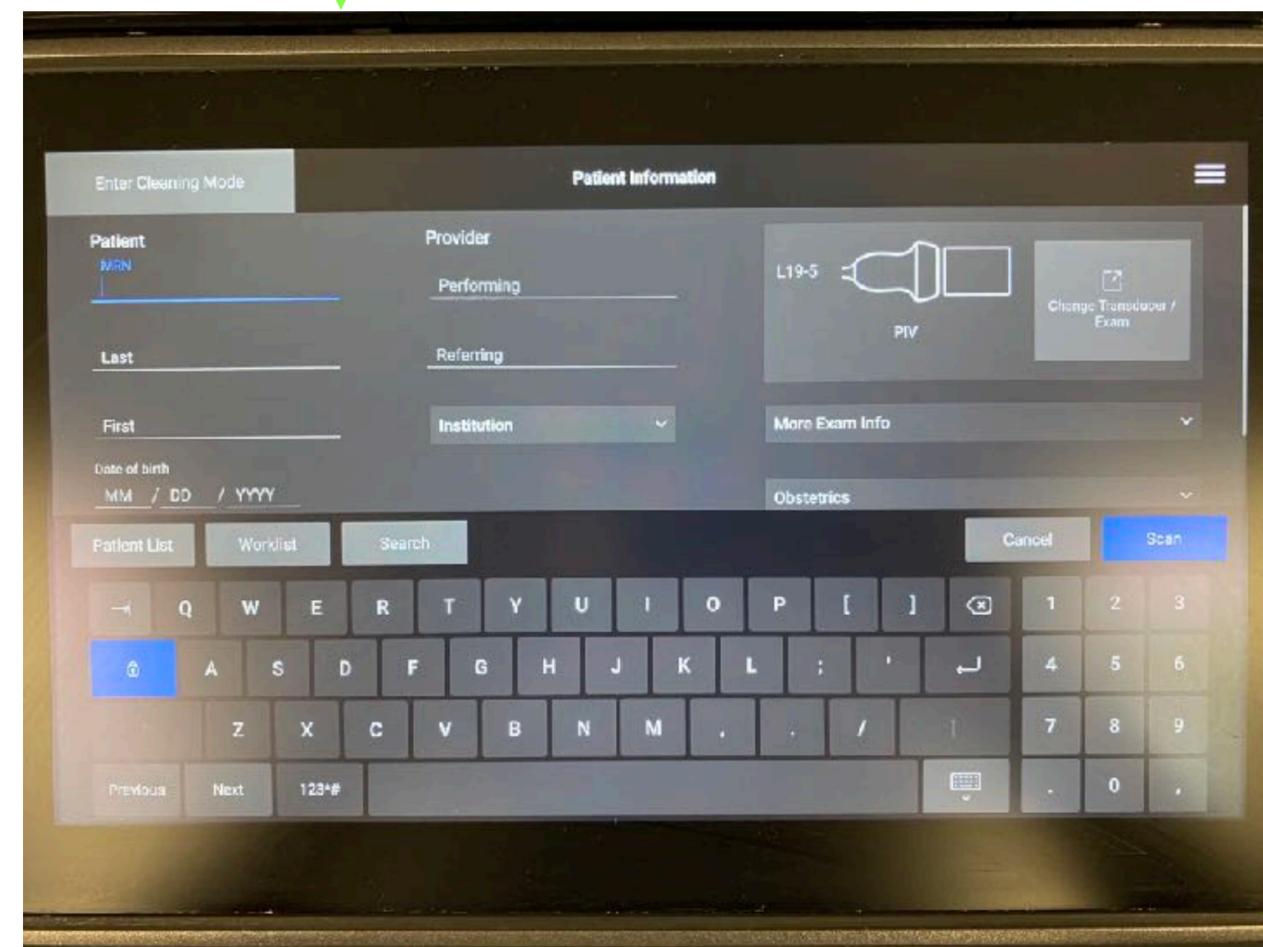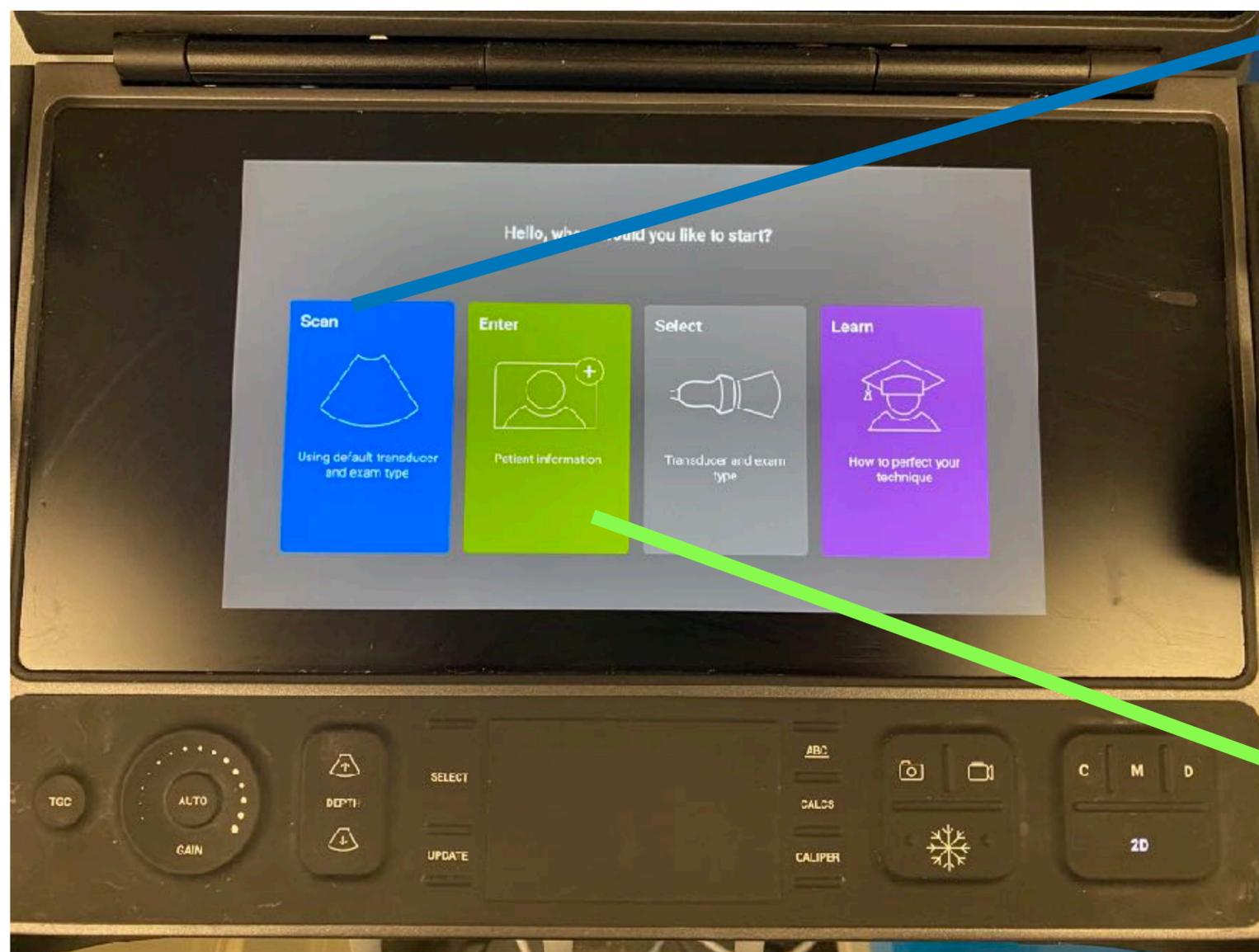with the Sonosite PX, Sonosite S II, Philips Lumify and Philips Affiniti ultrasound machines

Lee LaRavia

5/30/2023

Sonosite PX

Make sure the WiFi is connected

2.2 cm 2-

2D: G: 50
Res DR: 0
MB
THI

50% 67%

Either tap "Scan" or "Enter" to get to Patient Information screen.

1. Tap "Worklist" and the worklist screen will open.
2. Tap the refresh icon in top right corner if needed to update the list.
3. Scroll to find your patient and tap to highlight.
4. Tap select.
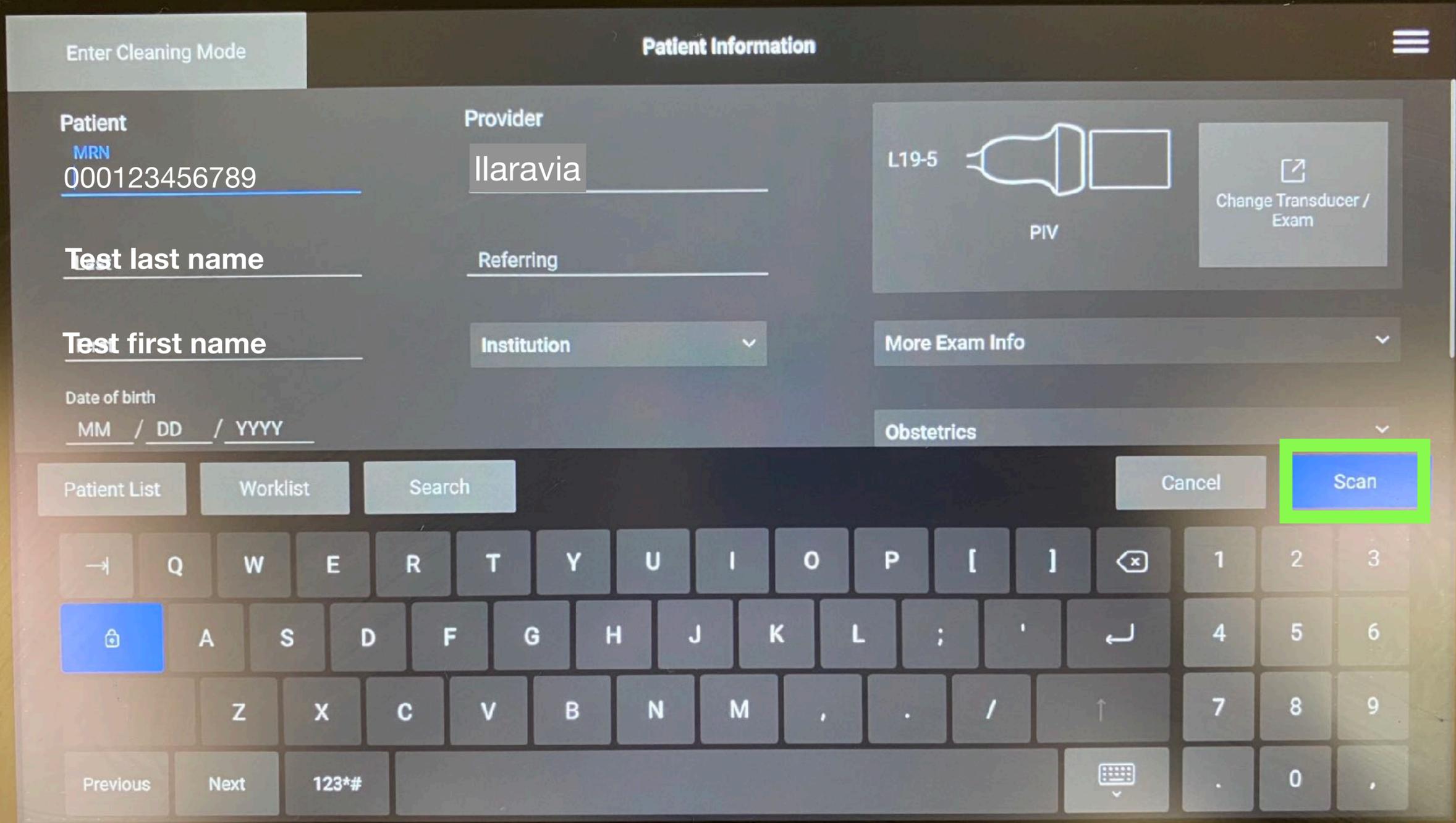
5. Information from previous screen will populate into the patient fields.
   - MRN field is actually the "Acct" number or FIN in Cerner
6. Tap the "Provider" field, then type ***your username*** (cerner log in/first part of your Augusta email) in this field.
   - Always put your username in this field, even if you don't have patient information (true emergency/crashing patient).
7. Tap "Scan".

8. Confirm that your patient information is correct.
9. Select the appropriate probe and settings for your study.
10. Begin scanning.
    - To freeze an image, select the snowflake.
    - To save a still image, select the camera.
    - To save a short video loop, select the video camera.
11. When you are finished scanning, tap "End Study" in the upper left corner. This automatically sends the study to Exo
12. Proceed to ExoWorks to complete the workflow

END STUDY

Image / Clip Count: 0

2D

ADYSON L ABBEY
0029522443147

Procedure Mode ⓘ
OFF

L19-5
PIV

Needle Guide ⓘ
OFF

Centerline ⓘ
OFF

Report &
Worksheet

Needle Profiling ⓘ

Dynamic Range ⓘ
0

Optimize ⓘ
Res   Gen

+ More Controls

ABC

SELECT

CALCS

C   M   D

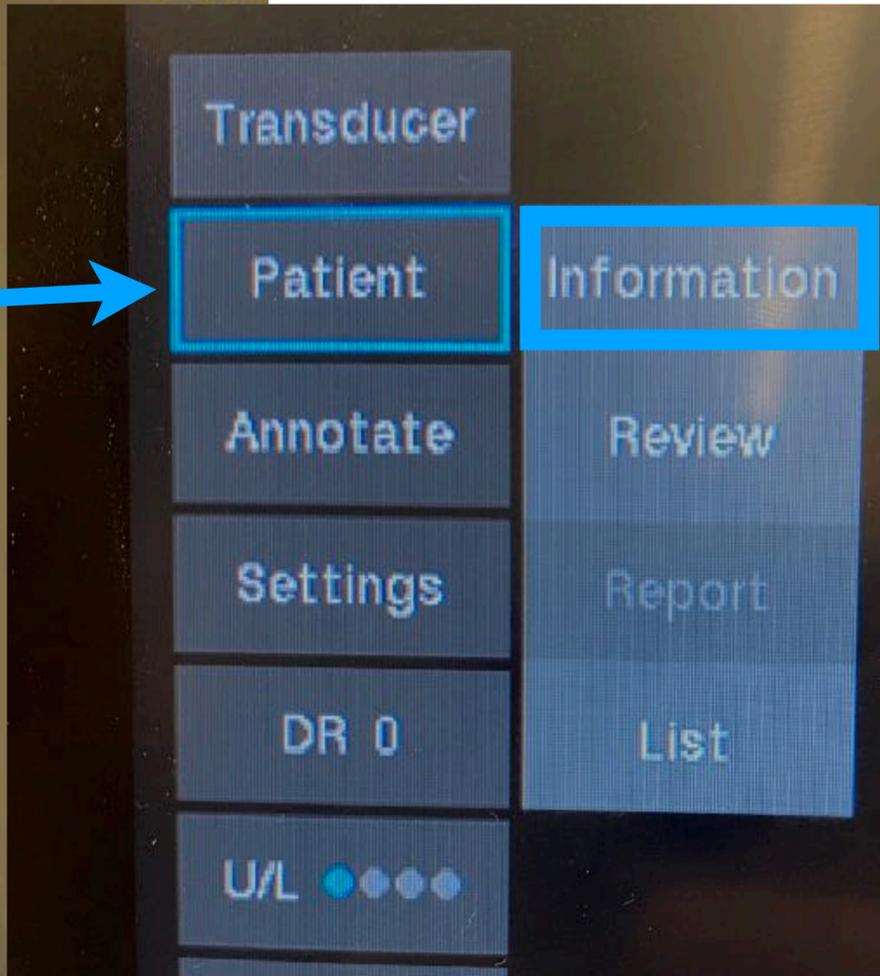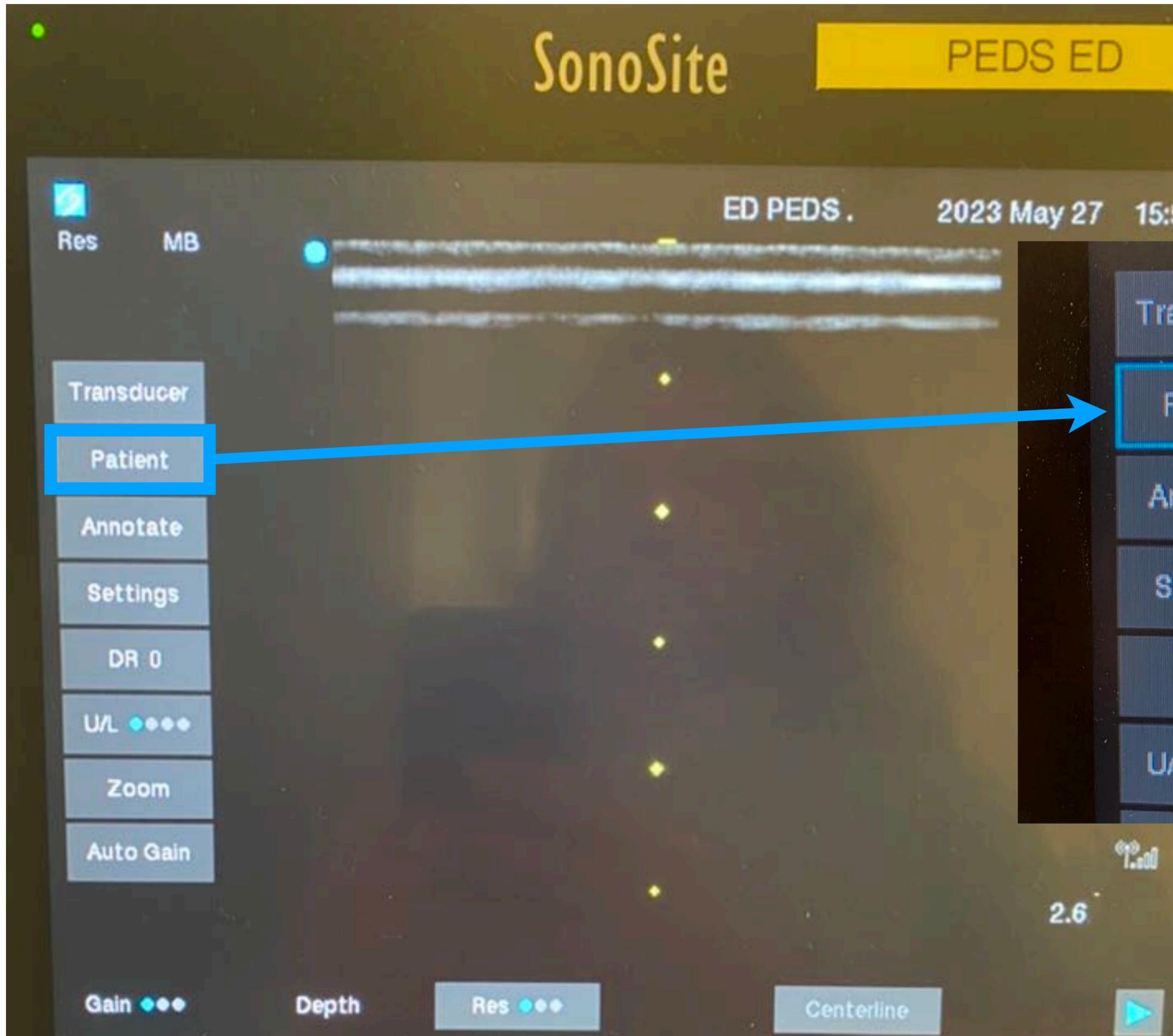TGC   AUTO   DEPTH

CALIPER

2D

GAIN   UPDATE

Sonosite S II

Sonosite S II will go into sleep mode 10 minutes after not using. Press the power button on the back to wake it up. Do NOT turn it off (Takes the system to long to power up and load software and connect to WiFi).

Make sure the WiFi is connected.

1. Tap "Patient".
2. Then tap "Information".

3. Tap Query.

4. Scroll to find your patient and tap to highlight.

5. Tap select.

6. Information from previous screen will populate into the patient fields.
   - ID field is actually the "Acct" number or FIN in Cerner.
7. Tap the "Reading Dr." field, then type ***your username*** (cerner log in/first part of your Augusta email) in this field.
   - Always put your username in this field, even if you don't have patient information (true emergency/crashing patient).
8. Tap "Done".

SonoSite   PEDS ED

2023 May 27   16:04

Patient

Last   Patient name
First   Patient name
Middle
ID   000987654321
Accession
Date of birth [   ] / [ ] / [ ]
               YYYY   MM   DD
Gender [▼]
Indications

User [   ]   Procedure...

Exam

Type Venous (Ven) ▼

Reading Dr. Ilaravia
Referring Dr.
Institution ED PEDS SII
Department ID CHOG/AUMC

Worklist   Query

Review   End   Cancel   Done

9. Confirm that your patient information is correct.
10. Begin scanning.
    - To save a still image, select the camera.
    - To save a short video loop, select the video camera.
    - *For vascular access, tap the video camera while pressing up and down over the area of interest applying compression showing vein patency.*
    - *For vein patency billing, you do NOT need an image of the needle or catheter in the vessel; only the area of interest with the vessel in view.*
11. When you are finished scanning tap "Patient".
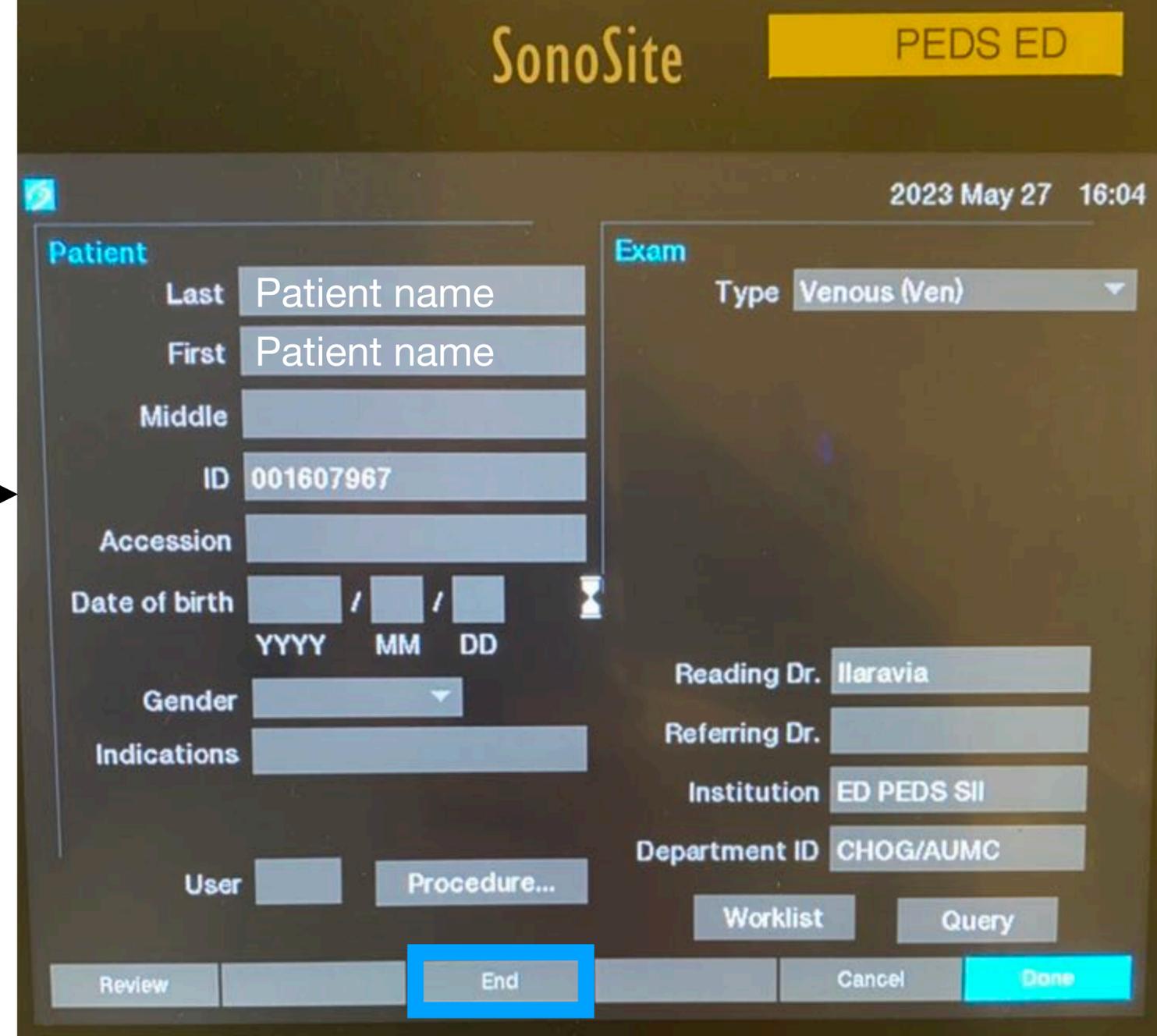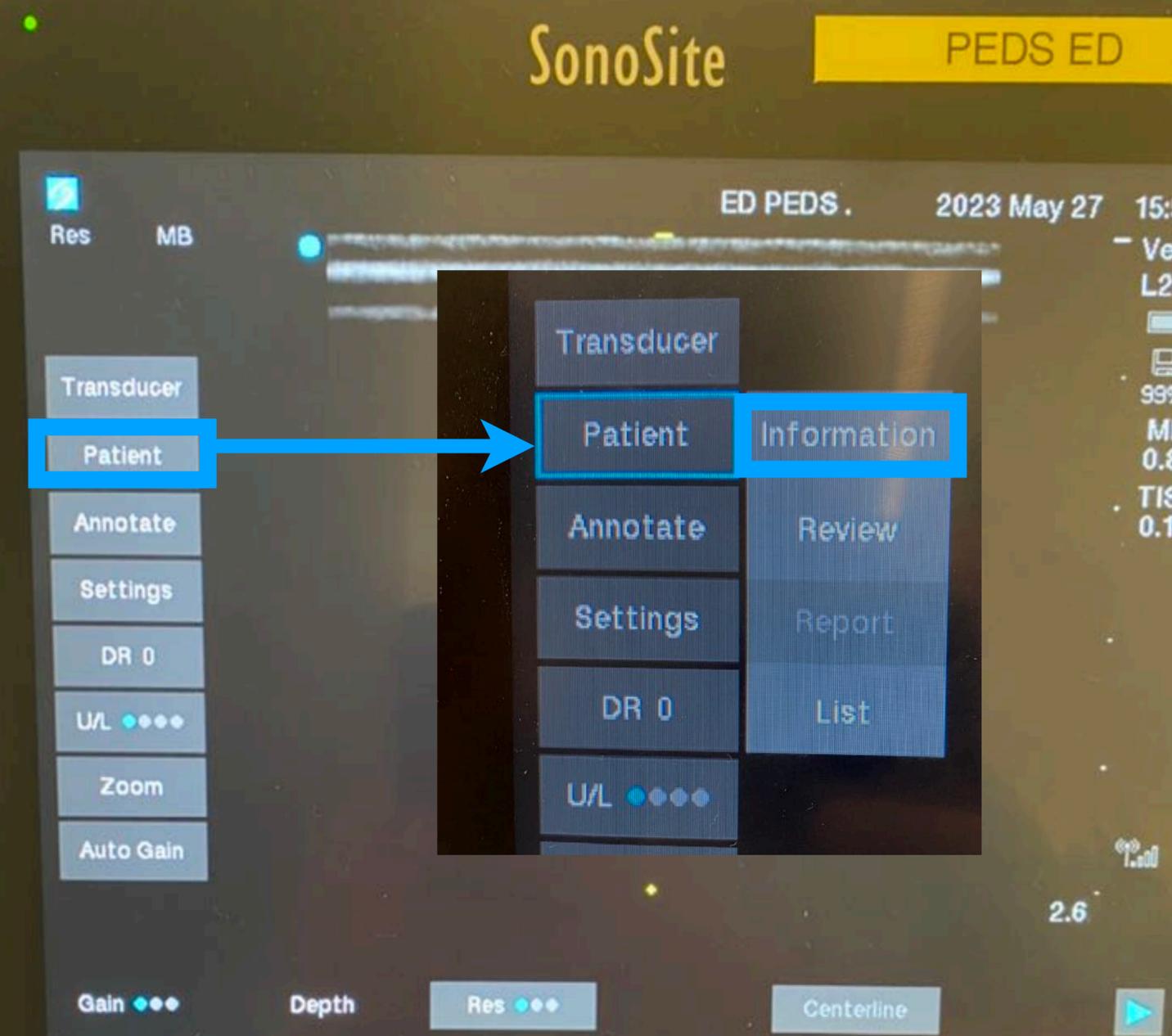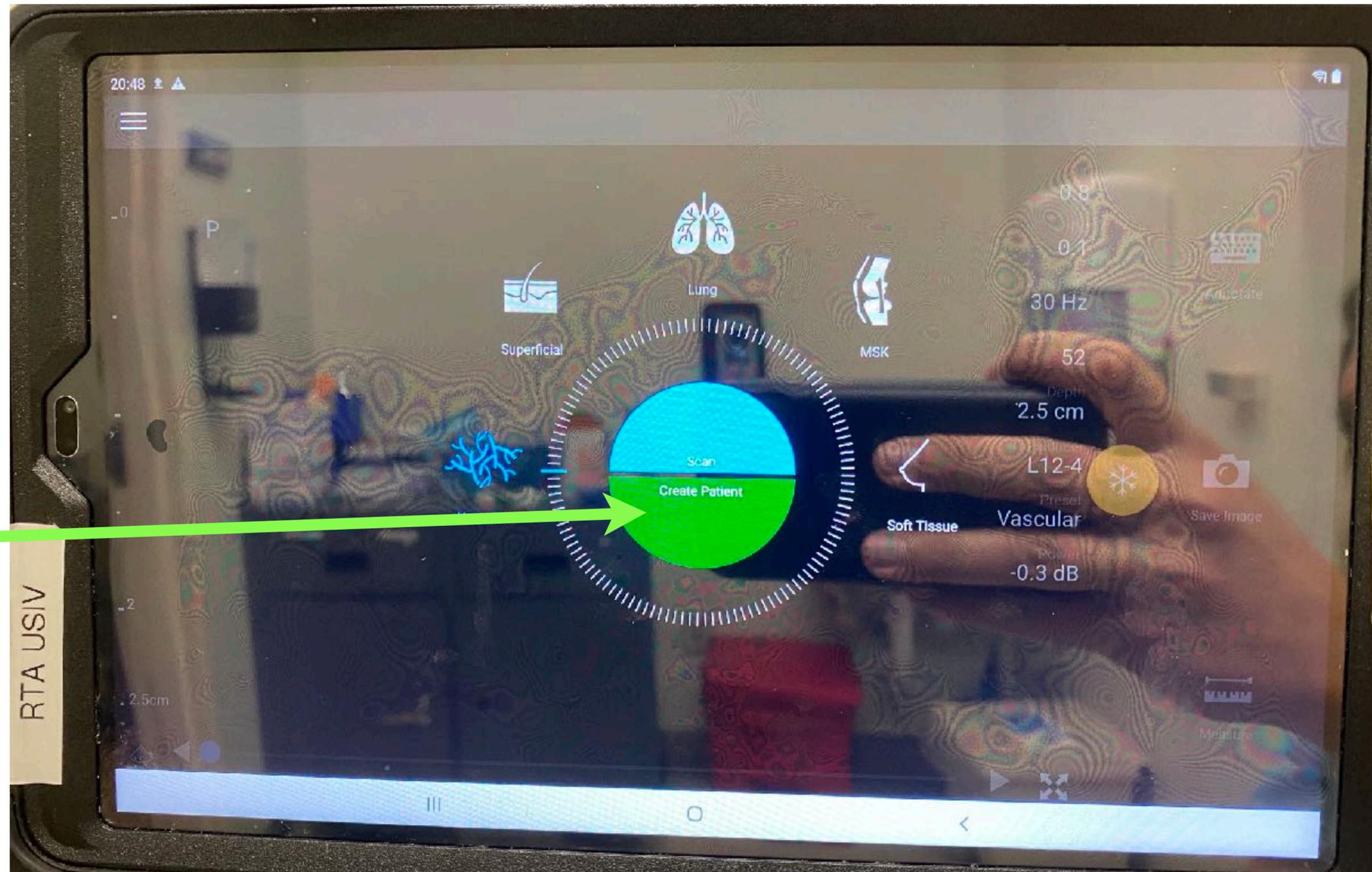
12. Then tap "Information".
13. Once the Patient Information screen appears, tap "End"
    • Once you tap "End", this will end the study and automatically send it to Exo.
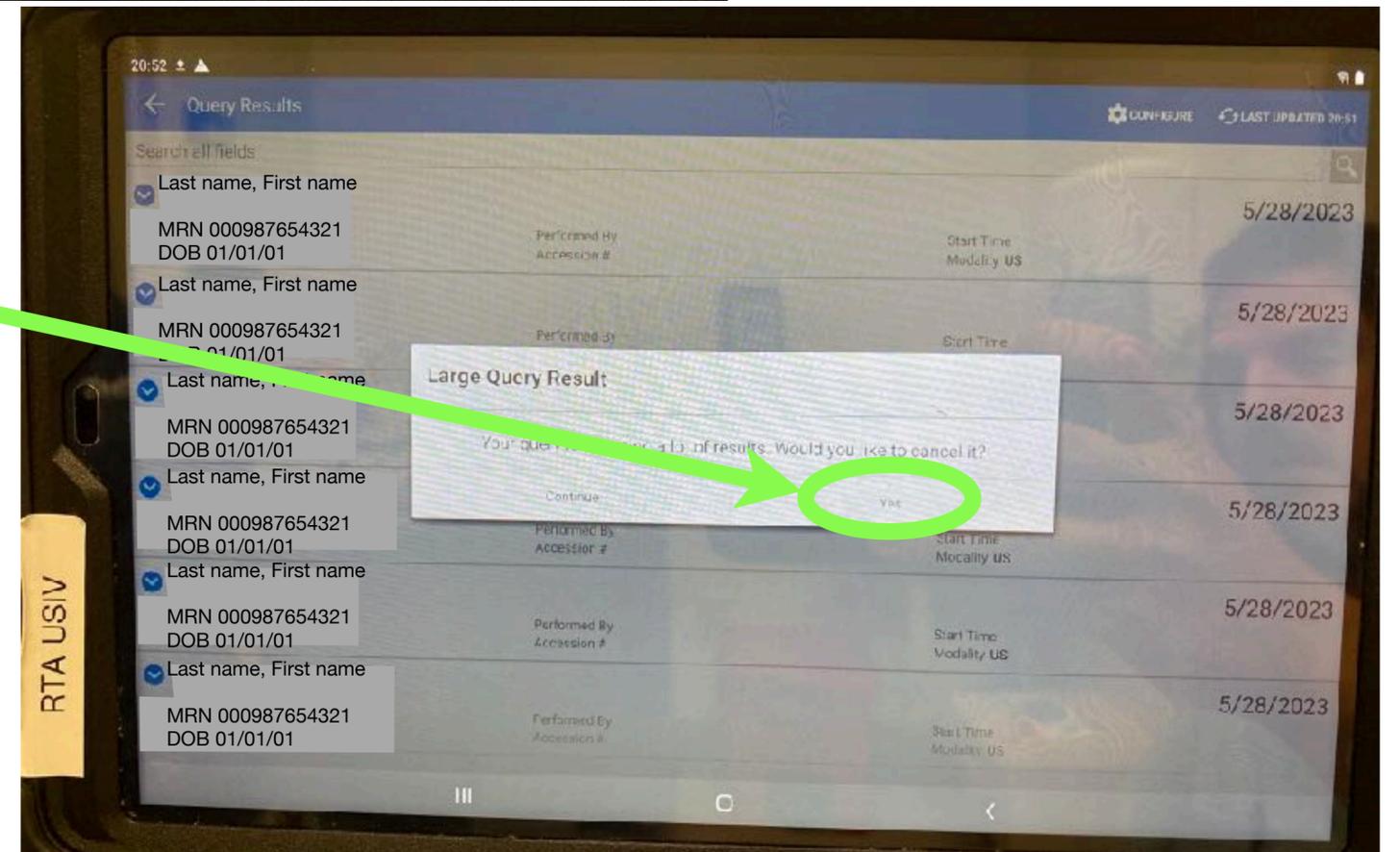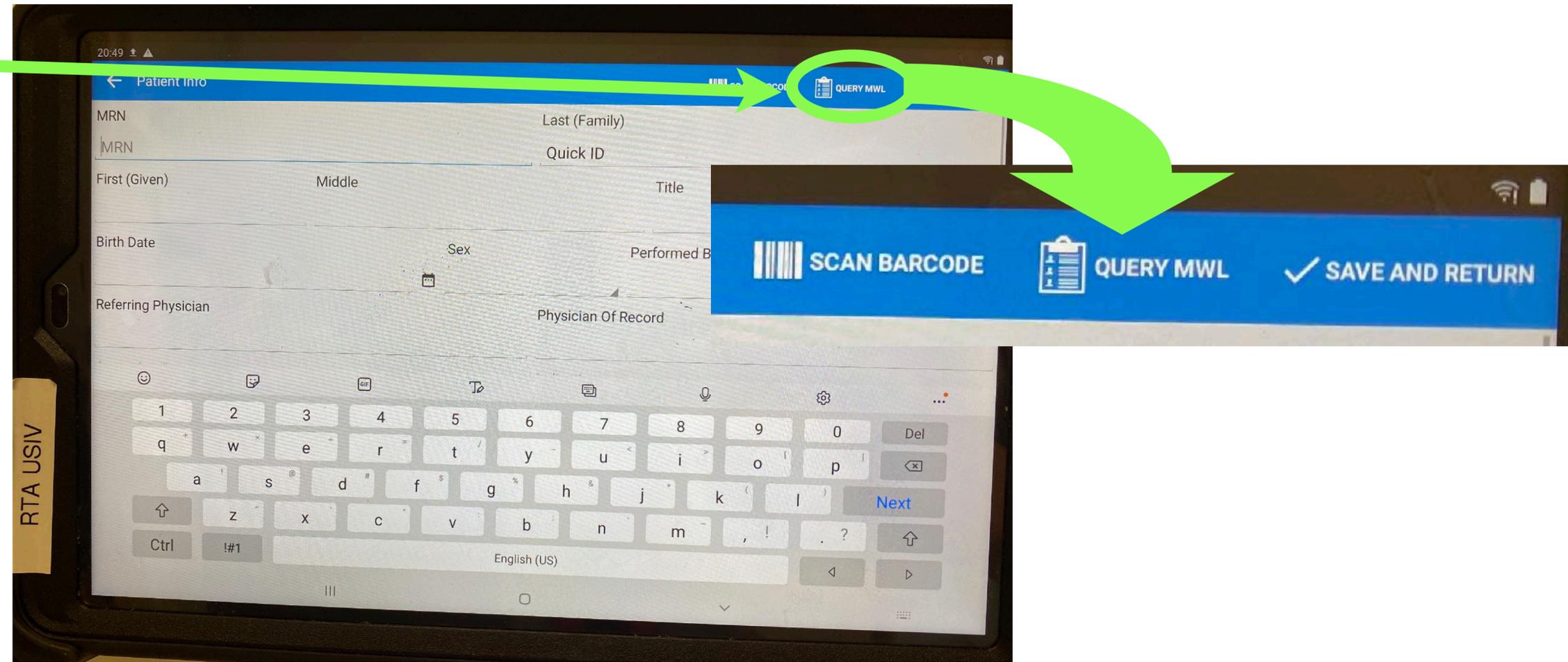14. Proceed to ExoWorks to complete the workflow.

Philips Lumify

- WiFi on the tablets is reliable and should be connected to the BMW network.
1. Select "Create Patient".

2. Tap "Query MWL".

3. The worklist will begin loading and you will see the message "Large Query Result"- would you like to cancel?

4. Tap YES.

5. Tap the search field/ magnifying glass and enter the patient name or Acct # (13 digit number under the MRN in Cerner) to narrow your search for your specific patient.

6. Once your patient is found, tap on them and the Patient Info window will open.

7. Tap the "Performed By" field and enter ***your username*** (cerner log in/first part of your Augusta email) in this field.
   - Always put your username in this field, even if you don't have patient information (true emergency/crashing patient).

8. Once you've verified the patient info and entered your username, tap "✓Save and Return".
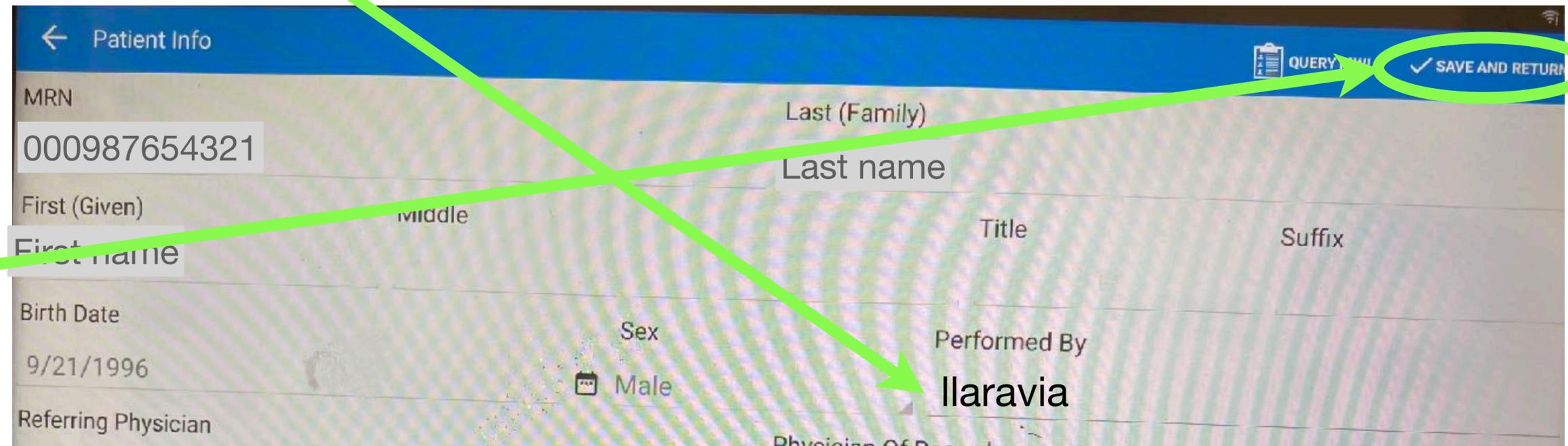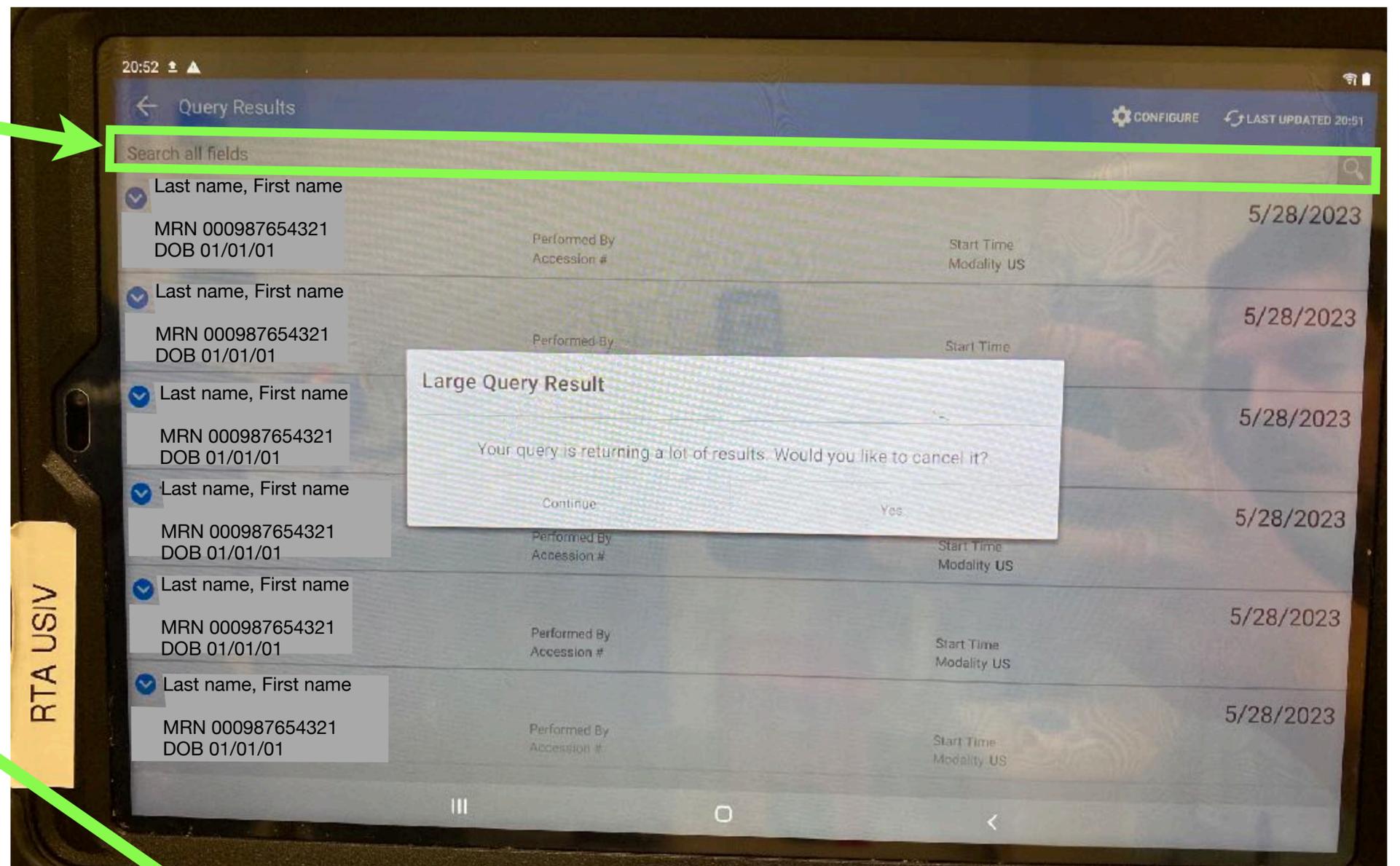
9. The scanning screen will appear with the patient info.
10. Begin scanning.
11. For **_peripheral USIV_** placement:
    - **Once you have found the vessel of interest,**
    - **Use the probe to press up and down on the vessel to show compressibility and "vein patency"**
12. While doing this tap the "Save Loop" icon to capture this to send to ExoWorks.
    - **All that is needed for USIV placement billing is this video of vein compressibility, NOT an image of the needle.**
13. After this, proceed as you normally would to place an US guided peripheral IV.
14. Tap "End Exam" once you finish the USIV placement. This will automatically send the scan to ExoWorks.
15. Log into ExoWorks to complete the workflow and do your nursing documentation of placement in Cerner.
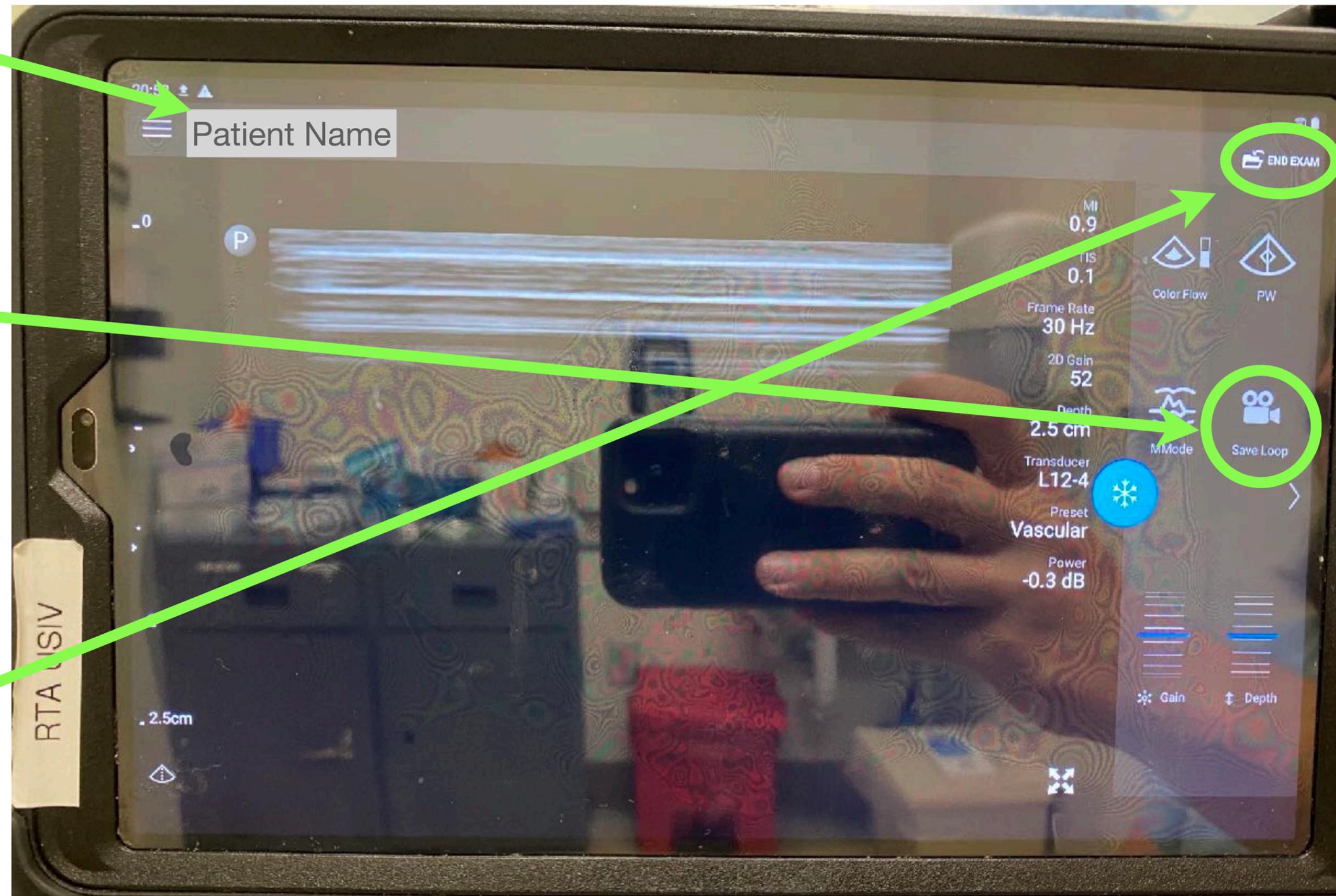
Philips Affiniti

- The Affiniti does not stay powered up while unplugged, so perform these steps in the patient's room after it has been plugged in and turned on/powered up.
- Make sure the WiFi is connected (small WiFi icon in the bottom right of the monitor).
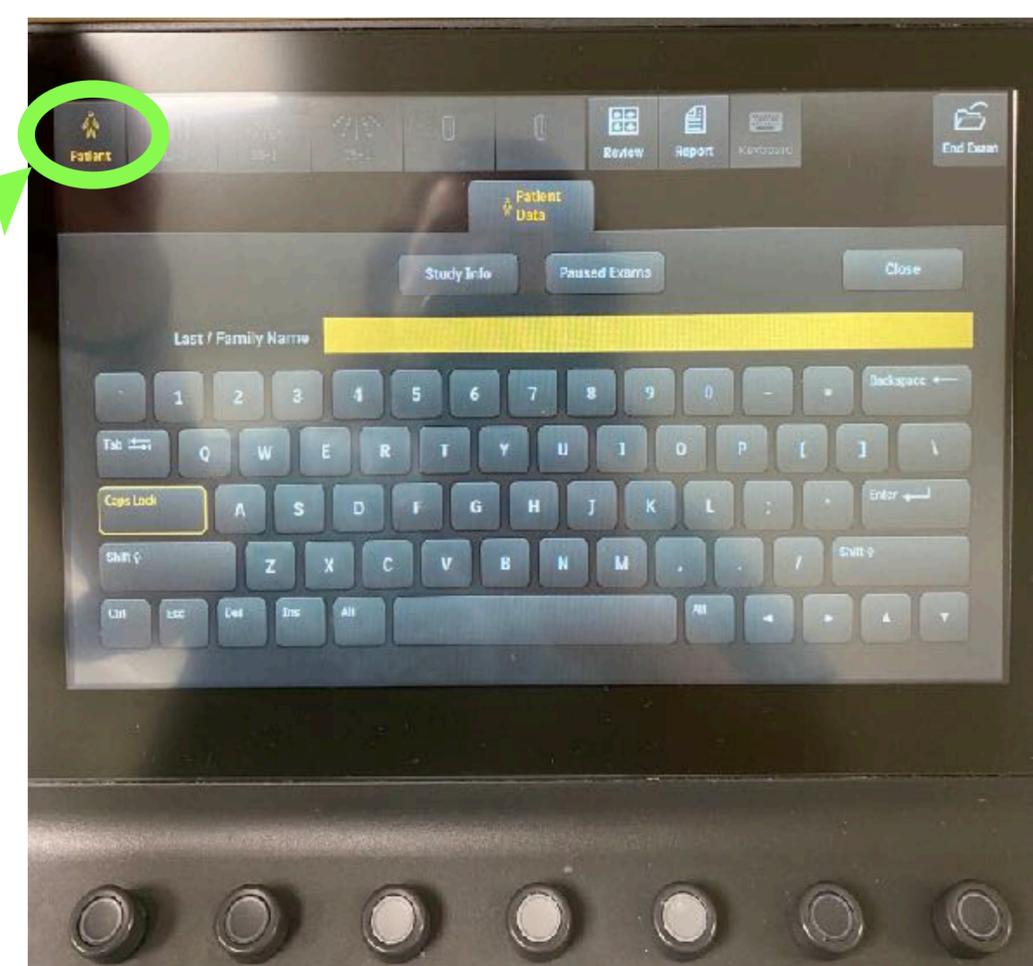
1. Select "Patient" from the bottom touchscreen.
2. The Patient Data window will open on the monitor
3. Use the roller ball to select "Worklist".
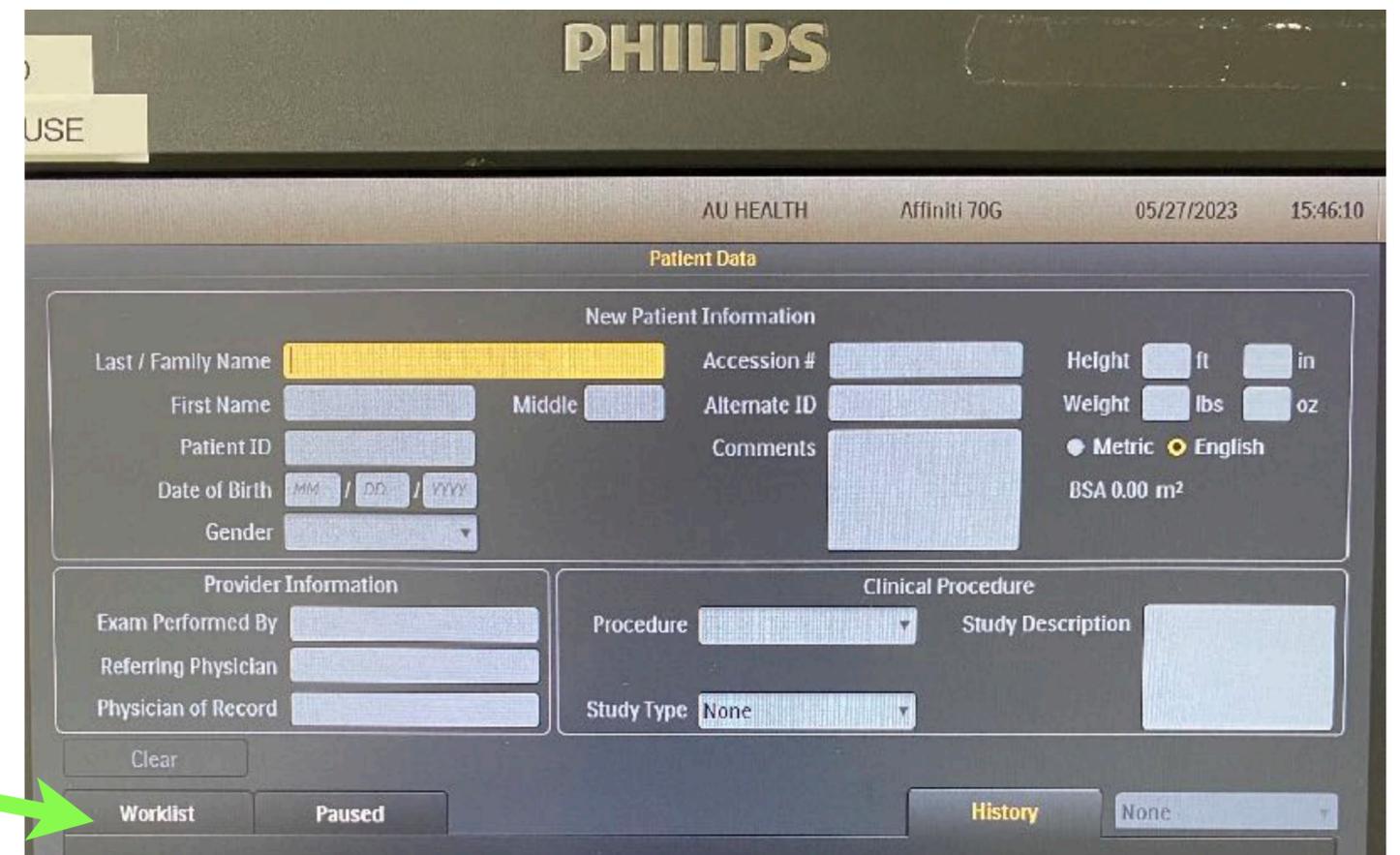
4. The last updated worklist will load.
5. You may need to select "Update Worklist".
6. Then select "Search" after the most recently updated worklist is loaded.
7. Type in the patient name and select "Search".
8. The narrowed patient search should populate in the window behind the search window.
9. Close the search window and select the correct patient.
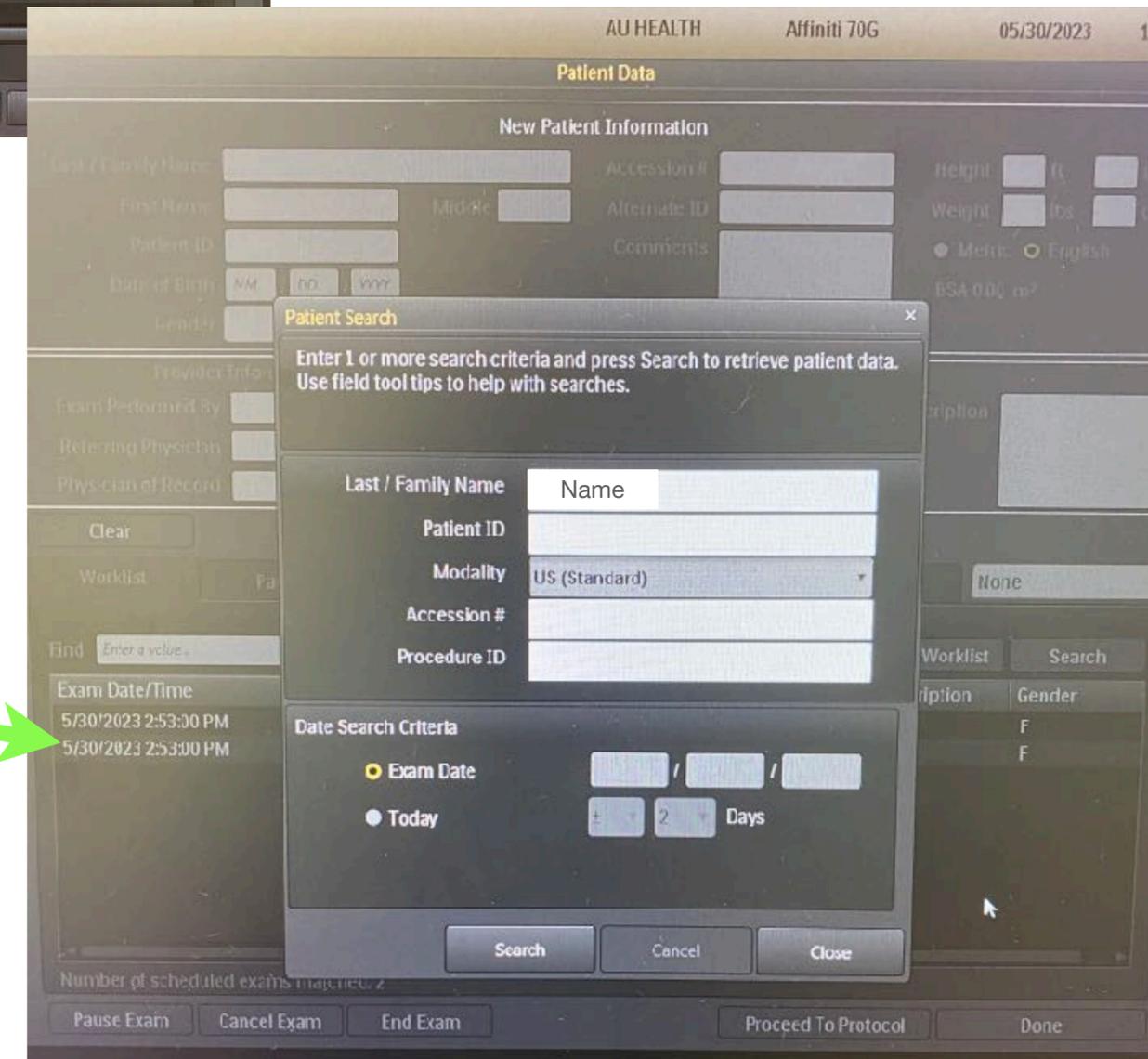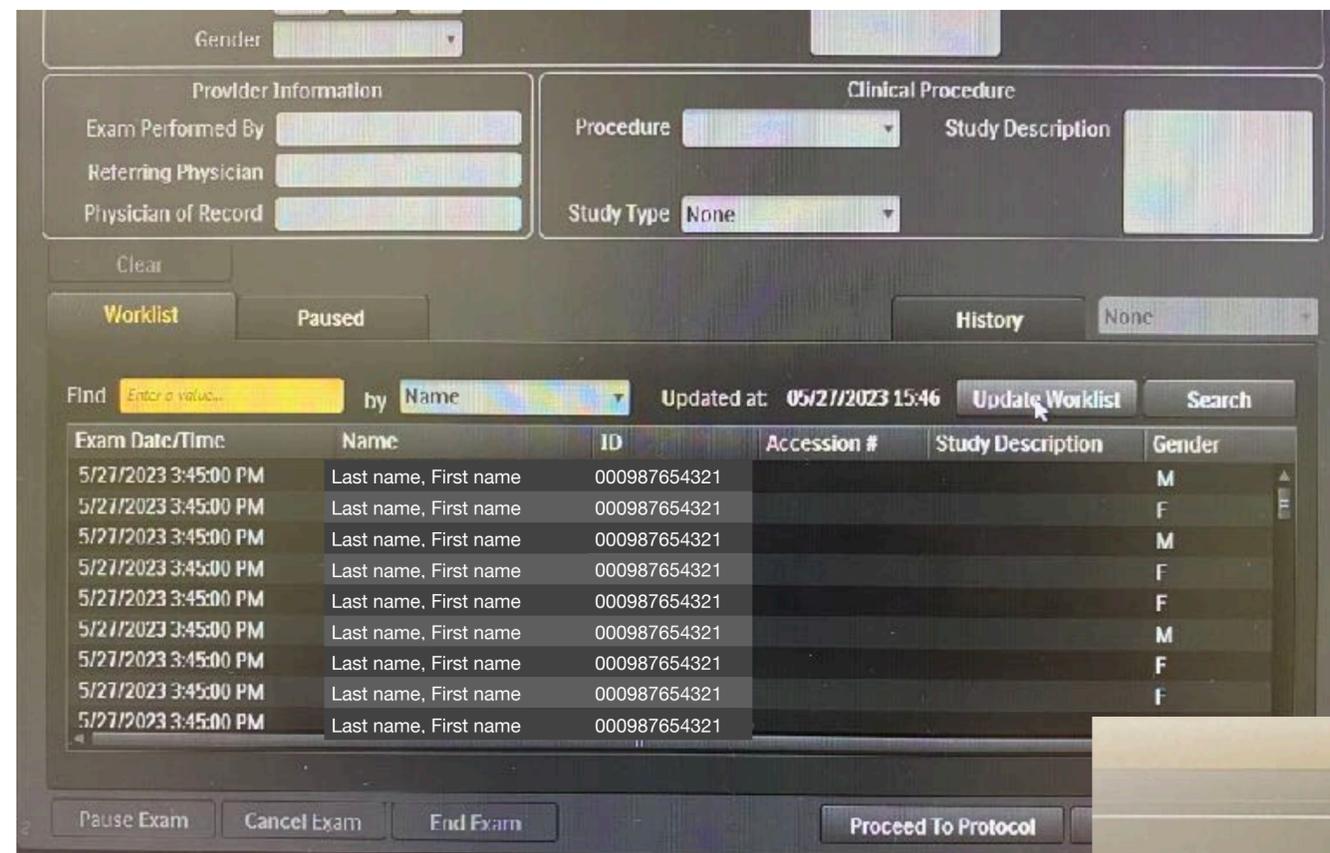
10. Select the correct patient
11. Tap the "Exam Performed By" field and enter **_your username_** (cerner log in/ first part of your Augusta email) in this field.
    - Always put your username in this field, even if you don't have patient information (true emergency/crashing patient)
12. Select "Done" and begin your exam.

Provider Information
Exam Performed By
Referring Physician
Physician of Record

Clinical Procedure
Procedure
Study Description
Study Type None

Clear
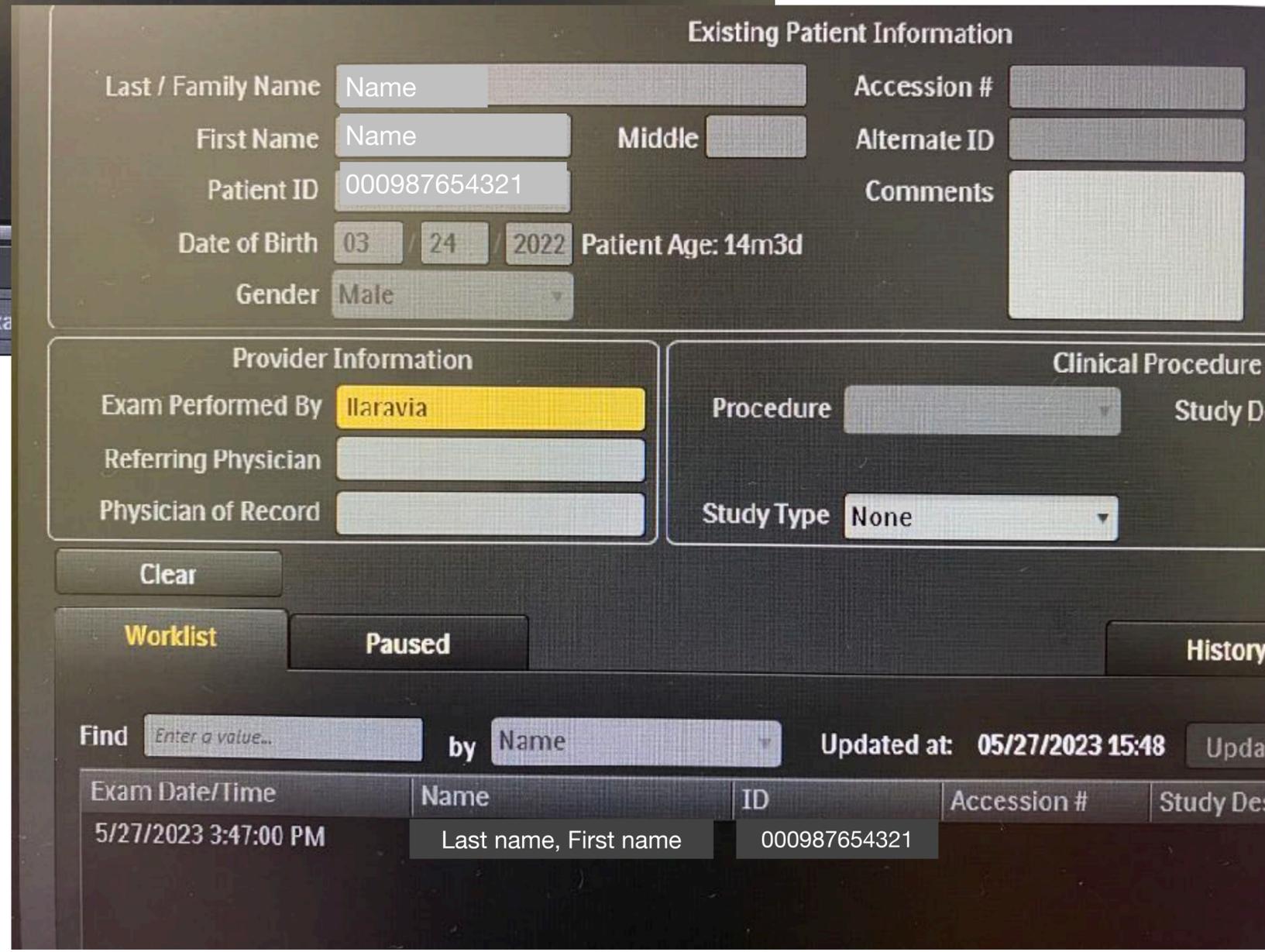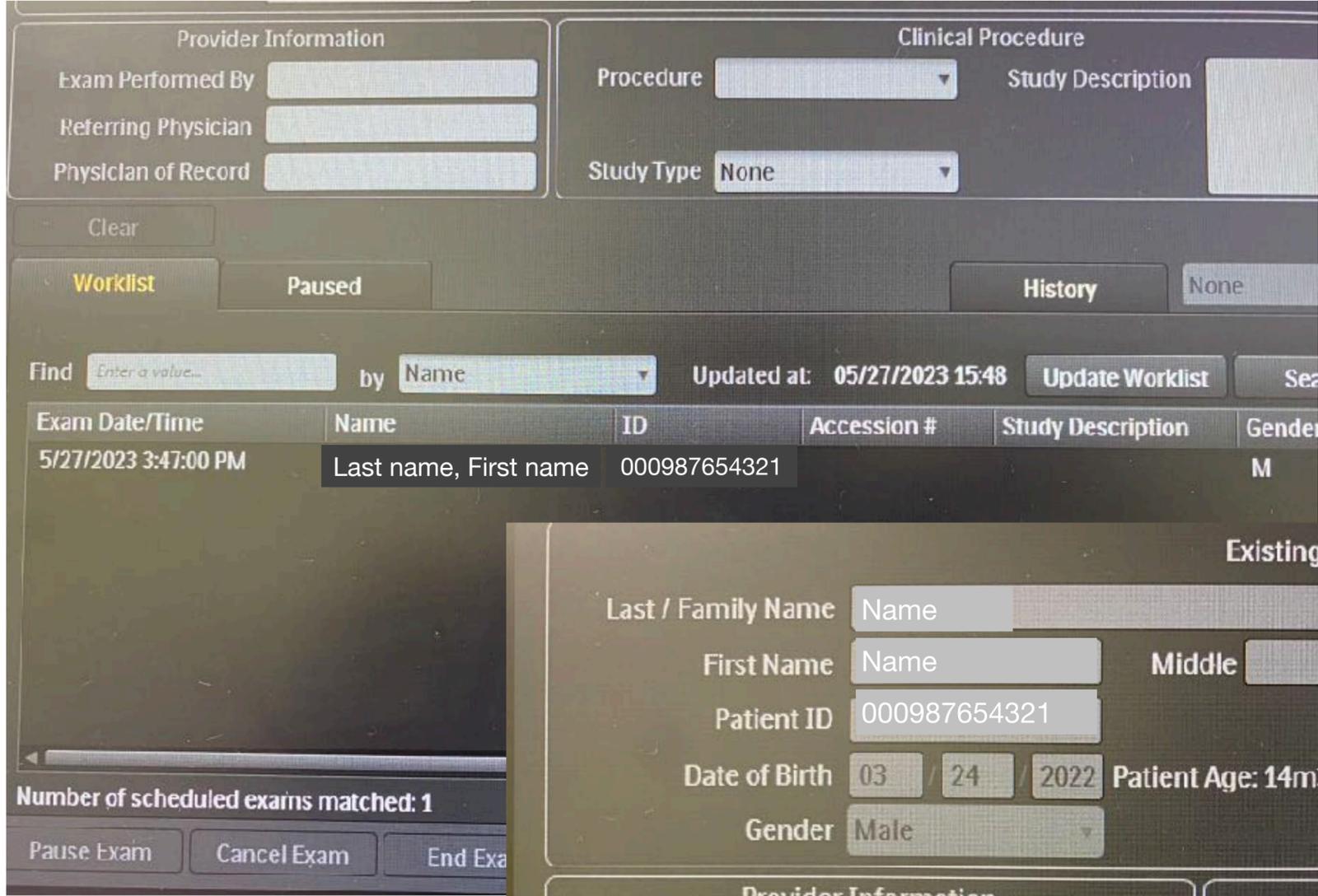
Worklist | Paused   History | None

Find [Enter a value...] by [Name]   Updated at: 05/27/2023 15:48   Update Worklist   Sea

Exam Date/Time	Name	ID	Accession #	Study Description	Gender
5/27/2023 3:47:00 PM	Last name, First name	000987654321			M

Number of scheduled exams matched: 1

Pause Exam | Cancel Exam | End Exa

Existing Patient Information

Last / Family Name [Name]   Accession #
First Name [Name]   Middle   Alternate ID
Patient ID 000987654321   Comments
Date of Birth 03 / 24 / 2022 Patient Age: 14m3d
Gender Male

Provider Information
Exam Performed By Ilaravia
Referring Physician
Physician of Record

Clinical Procedure
Procedure   Study De
Study Type None

Clear

Worklist | Paused   History

Find [Enter a value...] by [Name]   Updated at: 05/27/2023 15:48   Upda

Exam Date/Time	Name	ID	Accession #	Study Des
5/27/2023 3:47:00 PM	Last name, First name	000987654321		

13. Perform your exam.
    - Save appropriate images and or video loops
14. When you are done with your exam, select "End Exam". This will automatically send your completed exam to ExoWorks.
    - ***Make sure you end the exam before unplugging or powering down the Affiniti.***
    - ***The Affiniti does not stayed powered up when unplugged like the other ultrasound machines.***
15. Log into ExoWorks to complete your documentation.