

4Sight® Quick Reference Guide

REV - C



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Quick Reference Guide

A-Scan

How to Scan a New Patient

- Step One:** Begin a new patient by selecting **New Patient**.

- Step Two:** Type the patient data into the appropriate fields.

- Step Three:** Launch A-Scan Mode by clicking the **A-Scan Icon**.

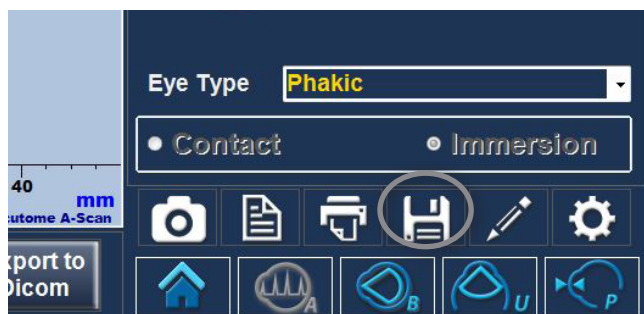
- Step Four:** On the Measurement screen, choose your measurement options (Eye Type, Contact/Immersion, and OD/OS; options can be adjusted by clicking on the associated icon).

- Step Five:** Prepare by following the immersion shell/probe setup guidelines.
- Step Seven:** Pin back patient's lids and place shell directly over the cornea. Fill shell with BSS past probe tip until waveforms are displayed on screen.
- Step Nine:** Ensure all wave forms are within 0.1mm (immersion) and 0.2mm (contact) and that the spikes are of sufficient amplitude and exhibit proper pattern. You can check through the five scans by tapping the footswitch.

- Step Six:** When in auto mode, begin with foot pedal pressed.
- Step Eight:** Release foot pedal when spikes are acceptable and machine will auto-capture (if automatic capture mode is selected).
- Step Ten:** If you would like to replace a measurement, press and hold the foot pedal until scan is deleted, or press the **Insert Key** on the PC. After scan is deleted, a live waveform pattern will be on screen. When spikes are acceptable, release the footswitch to capture.

Scan	AXL	ACD	Lens	VCD
1	25.44	3.58	3.97	17.89
2	25.46	3.60	3.95	17.91
3	25.45	3.57	3.97	17.91
4	25.45	3.60	3.97	17.88
5	25.46	3.60	3.97	17.89
Avg	25.45	3.59	3.97	17.90
Dev	0.01	0.01	0.01	0.01

11. **Step Eleven:** When all five measurements are captured, switch to the fellow eye and repeat steps 4 through 10.
12. **Step Twelve:** Compare Axial lengths of each eye (difference should be no more than 0.3mm unless clinical history suggests otherwise).
13. **Step Thirteen:** Save the patient info by clicking the [Save Icon](#) at the bottom of the screen.

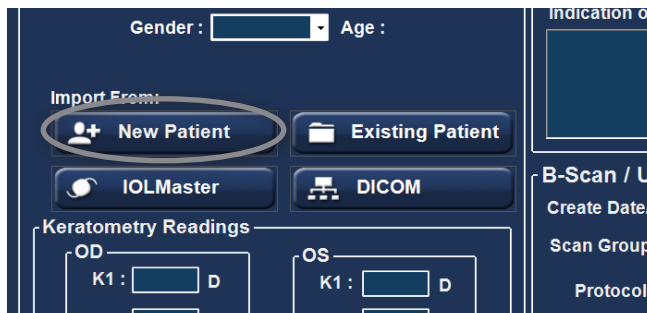


For assistance with the device upgrade or any other questions, please feel free to contact Accutome Diagnostic Support at info@accutome.com or 610.889.0200

B-Scan

How to Scan a New Patient

1. **Step One:** Begin a new patient by selecting [New Patient](#).
2. **Step Two:** Type the patient data into the appropriate fields.



Patient Info

* Last Name :

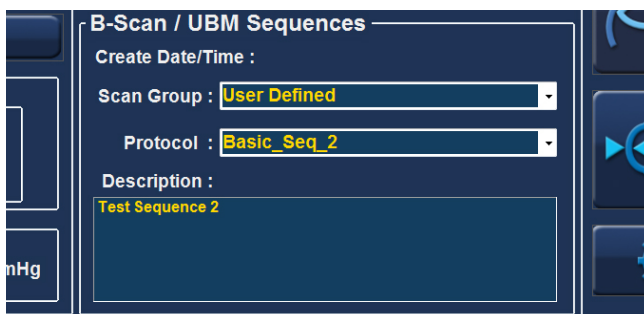
* First Name :

* Medical Record # :

Date of Birth : M/d/yyyy

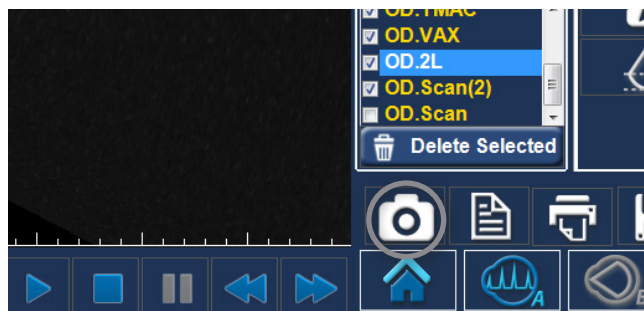
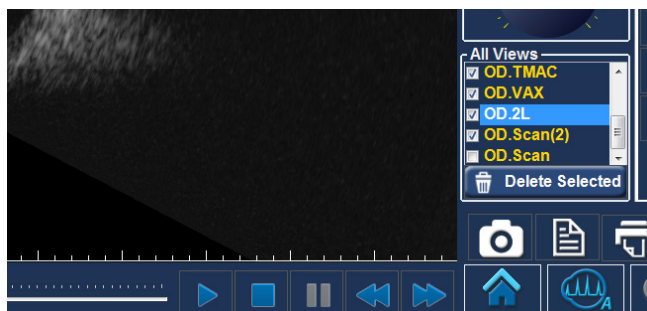
Gender : Age :

3. **Step Three:** Select the appropriate [Scan Group](#) and [Protocol](#).
4. **Step Four:** Launch B-Scan Mode by clicking the [B-Scan Icon](#).

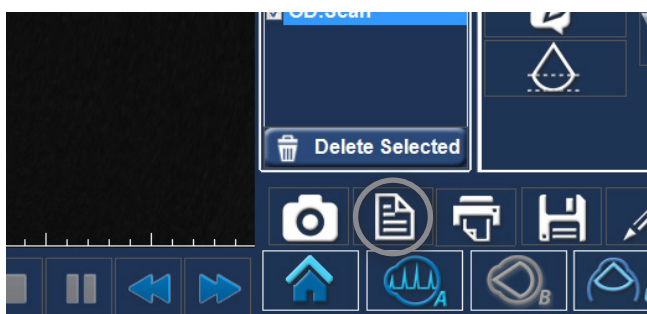


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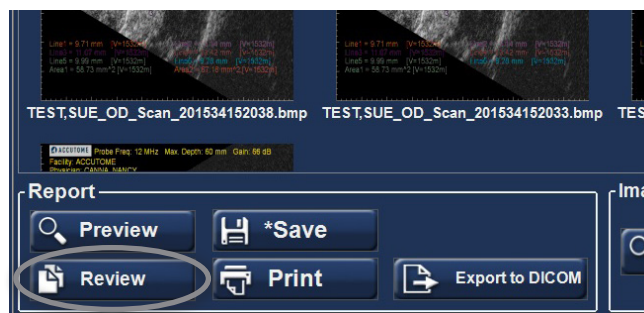
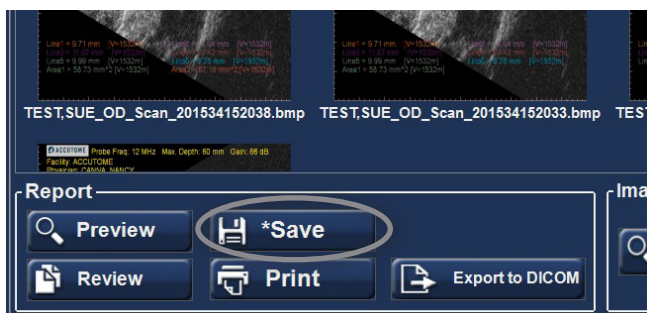
5. **Step Five:** Press the button on the probe or use the footswitch to activate probe and start video loop.
7. **Step Seven:** Select desired video loop under **All Views** and use the **Play/Pause** buttons at the bottom of screen to review and find desired frame.
6. **Step Six:** Ensure image/pathology is centered on the screen for several moments before stopping the video loop by pressing the button or footswitch.
8. **Step Eight:** Once desired image is paused on the screen, use the image editing tools (optional) and click on the **Snap Shot** icon to save a digital image.



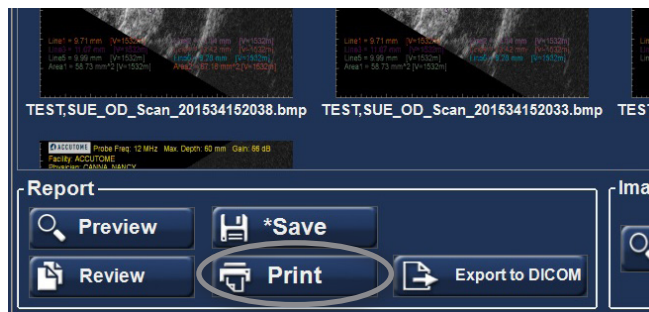
9. **Step Nine:** Once all snap shots are taken, select the **Report Icon**.
10. **Step Ten:** Under Report, your snapshots will be viewable. Hold the **Ctrl** or **Shift** key down and select the snapshots that are desired to be placed into the report. Selecting **Preview** will bring up the report page as it will look with the selected snapshots.



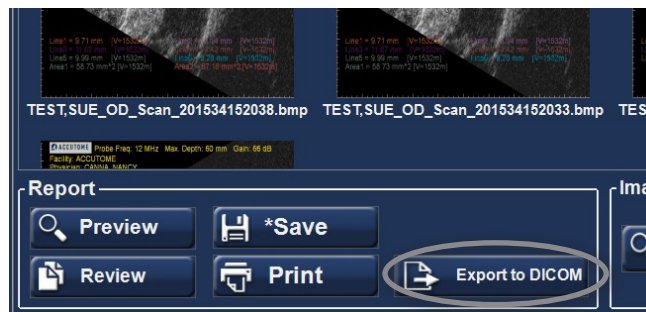
11. **Step Eleven:** After previewing desired report, back out of preview and select **Save** to save current report.
12. **Step Twelve:** You can also select **Review** to bring up a list of all other reports saved for selected patient.



13. **Step Thirteen:** Clicking **Print** will send the current report to the printer. Must be connected directly or to network printer.



14. **Step Fourteen (Optional):** The **Exports to DICOM** button will send the selected report to the previously setup DICOM location (see User's Guide).

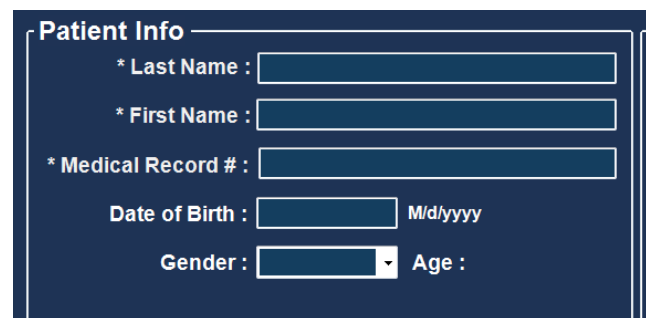
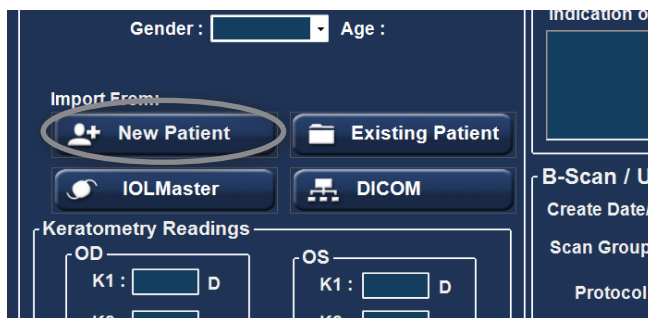


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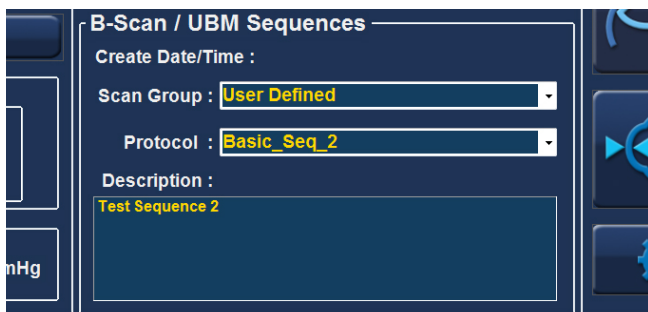
UBM

How to Scan a New Patient

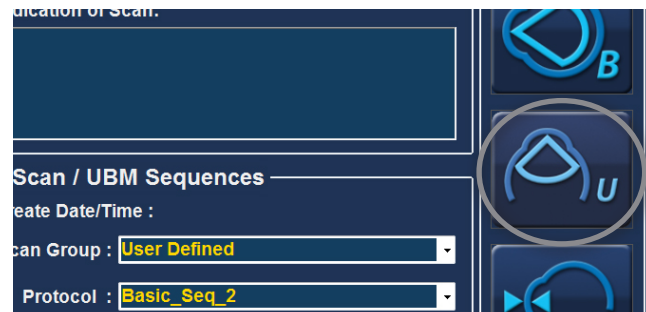
- Step One:** Begin a new patient by selecting **New Patient**.
- Step Two:** Type the patient data into the appropriate fields.



- Step Three:** Select the appropriate **Scan Group** and **Protocol**.



- Step Four:** Launch UBM Mode by clicking the **UBM** icon.



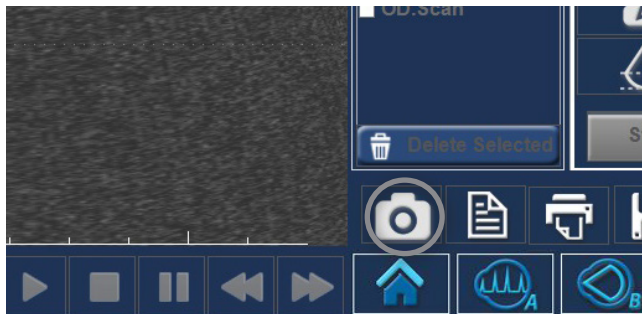
- Step Five:** Press the button on the probe or use the footswitch to activate probe and start video loop.
- Step Six:** Ensure image/pathology is centered on the screen for several moments before stopping the video loop by pressing the button or footswitch.

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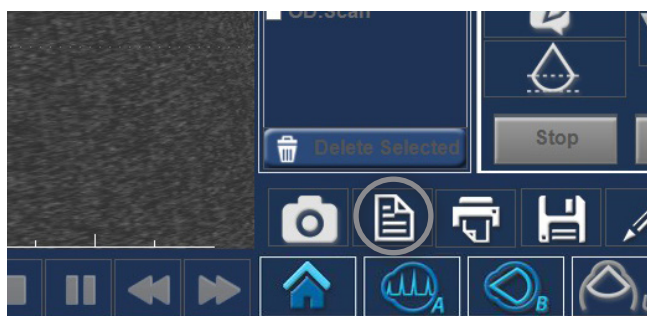
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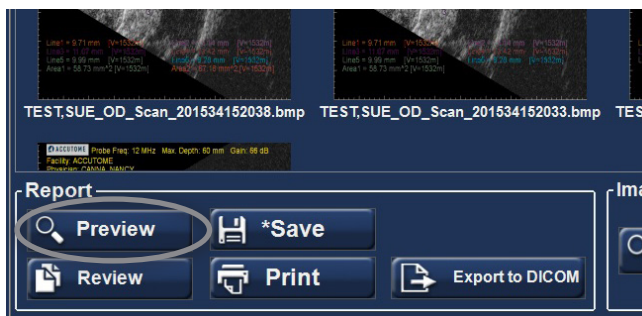
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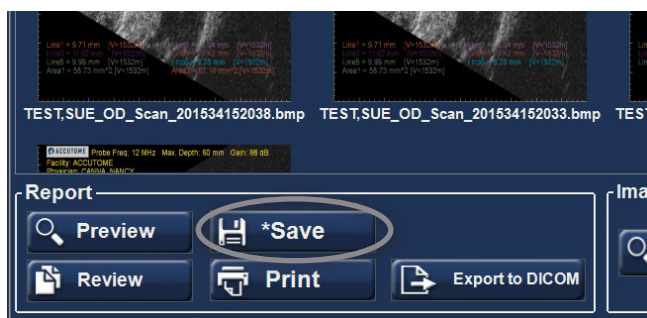
9. **Step Nine:** Once all snap shots are taken, select the **Report Icon**.



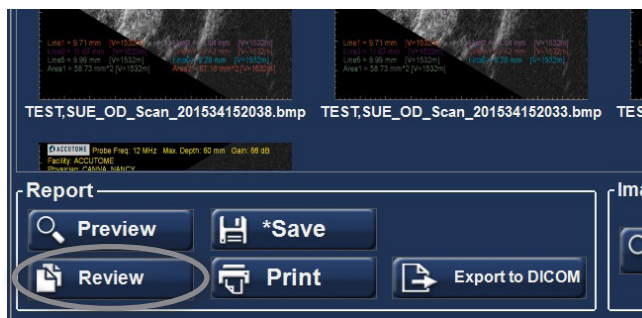
10. **Step Ten:** Under Report, your snapshots will be viewable. Hold the **Ctrl** or **Shift** key down and select the snapshots that are desired to be placed into the report. Selecting **Preview** will bring up the report page as it will look with the selected snapshots.



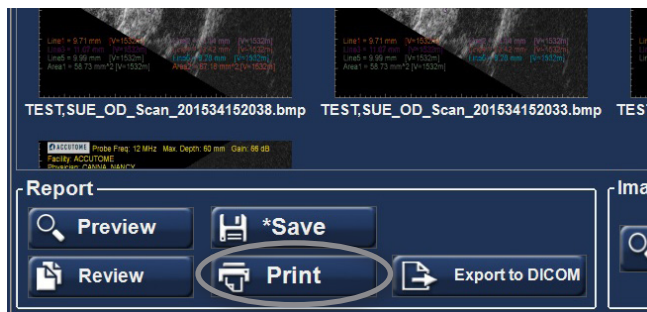
11. **Step Eleven:** After previewing desired report, back out of preview and select **Save** to save current report.



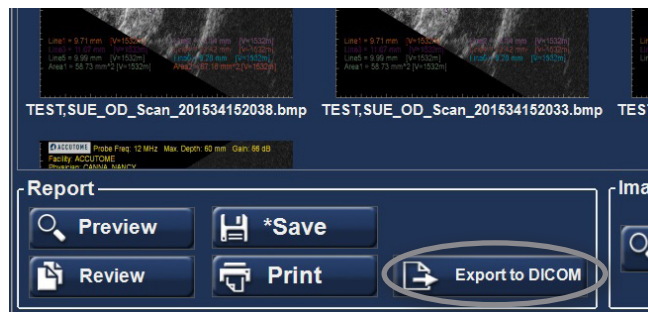
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14. **Step Fourteen (Optional):** The **Exports to DICOM** button will send the selected report to the previously setup DICOM location [see User's Guide].

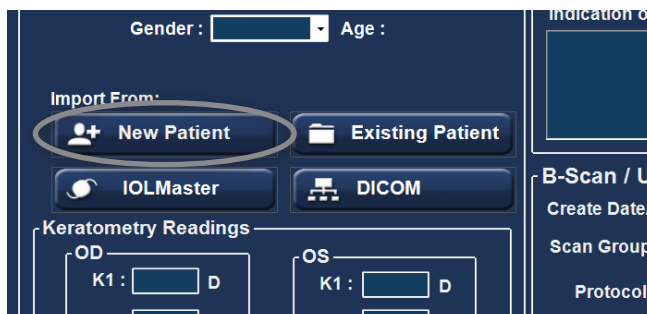


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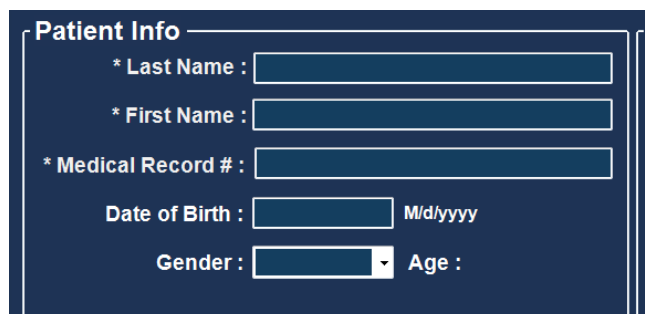
Pachymeter

How to Scan a New Patient

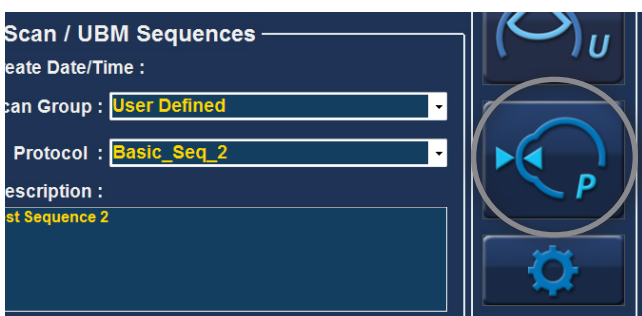
1. **Step One:** Begin a new patient by selecting **New Patient**.



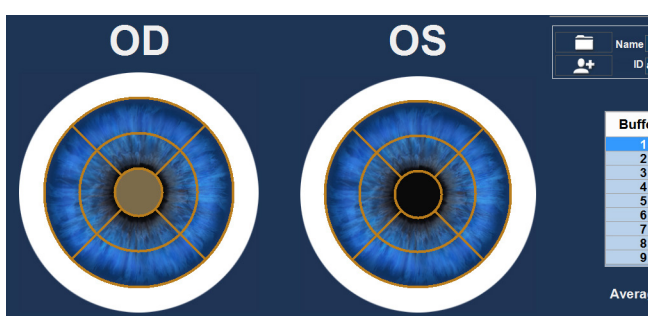
2. **Step Two:** Type the patient data into the appropriate fields.



3. **Step Three:** Launch Pachymetry Mode by clicking the **Pachymeter Icon**.

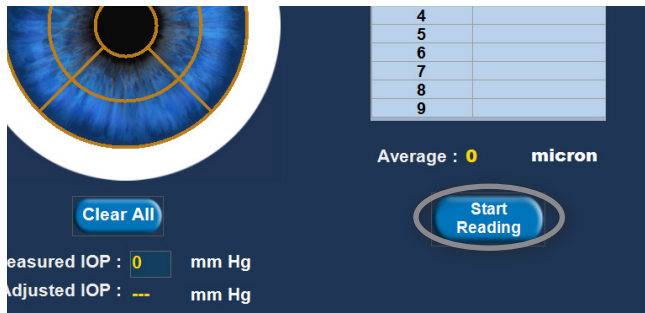


4. **Step Four:** On the Measurement screen, choose the eye (OD/OS) and then choose the scan location on the cornea.



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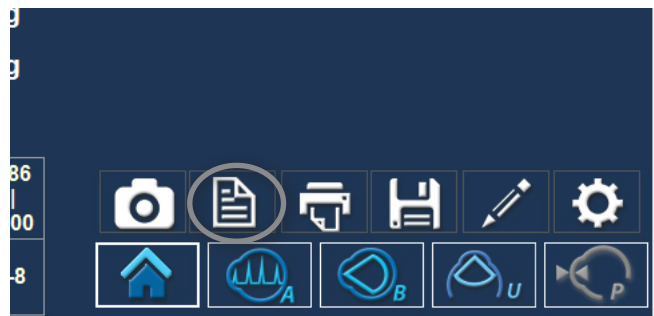
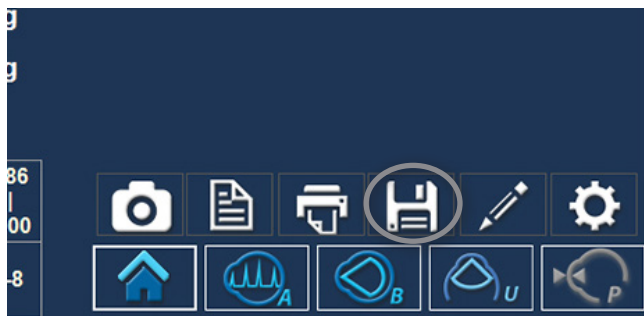
5. **Step Five:** Begin measurement by clicking the **Start Reading Icon**.



6. **Step Six:** Place probe on eye in location selected on screen. The flat portion of the probe tip should be completely in contact perpendicular with the patient's cornea (not at an angle). Measurements will not be obtained unless the probe is in complete contact with the cornea.

7. **Step Seven:** Once you have captured 9 measurements, you may review those measurements for that corneal location in the chart on the right of the screen.
9. **Step Nine:** Save the patient info by clicking the **Save Icon** at the bottom of the screen.

8. **Step Eight:** Another location for the eye can be selected and measured, or switch eyes and repeat measurement steps.
10. **Step Ten:** After save, select the **Report Icon**. Selecting this icon will generate a pachymetry report.



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